Astrodienst Ephemeris Tables

from the year 3650 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 3650
geocentric

JANUARY 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 46 5	10♑35'34	9♋16	20♐13	11♐50	22°R39	6°R45	9°R28	1♏ 9	29♒23	22°R52	14°R25	13♐ 0	17♊53	4♒ 8	S 1
S 2	6 50 1	11°36'21	21°14	21°20	13° 5	22♌32	6♋37	9♊25	1°11	29°24	22♋51	14♐22	12°57	17°59	4°13	S 2
M 3	6 53 58	12°37'09	3♌21	22°31	14°19	22°24	6°29	9°21	1°13	29°26	22°49	14°17	12°54	18° 6	4°19	M 3
T 4	6 57 54	13°37'59	15°37	23°44	15°33	22°15	6°21	9°18	1°15	29°28	22°48	14°12	12°51	18°12	4°24	T 4
W 5	7 1 51	14°38'49	28° 3	25° 0	16°48	22° 6	6°13	9°14	1°17	29°29	22°47	14° 7	12°48	18°19	4°29	W 5
T 6	7 5 48	15°39'40	10♍42	26°18	18° 2	21°56	6° 5	9°11	1°18	29°31	22°46	14° 2	12°44	18°26	4°35	T 6
F 7	7 9 44	16°40'32	23°36	27°38	19°17	21°44	5°57	9° 7	1°20	29°33	22°45	13°58	12°41	18°32	4°40	F 7
S 8	7 13 41	17°41'26	6♎45	28°59	20°31	21°32	5°49	9° 4	1°21	29°35	22°44	13°56	12°38	18°39	4°46	S 8
S 9	7 17 37	18°42'21	20°13	0♑21	21°46	21°19	5°42	9° 1	1°23	29°37	22°42	13°D55	12°35	18°46	4°51	S 9
M10	7 21 34	19°43'16	4♏ 1	1°45	23° 0	21° 6	5°34	8°58	1°24	29°38	22°41	13°56	12°32	18°52	4°57	M10
T 11	7 25 30	20°44'13	18° 9	3°10	24°15	20°51	5°26	8°55	1°26	29°40	22°40	13°58	12°28	18°59	5° 2	T 11
W12	7 29 27	21°45'11	2♐37	4°36	25°30	20°36	5°19	8°52	1°27	29°42	22°39	13°59	12°25	19° 6	5° 8	W12
T 13	7 33 23	22°46'10	17°22	6° 2	26°44	20°20	5°11	8°49	1°28	29°44	22°38	13°R59	12°22	19°12	5°14	T 13
F 14	7 37 20	23°47'10	2♑18	7°29	27°59	20° 3	5° 4	8°47	1°30	29°46	22°36	13°58	12°19	19°19	5°19	F 14
S 15	7 41 17	24°48'10	17°19	8°57	29°14	19°45	4°57	8°44	1°31	29°48	22°35	13°55	12°16	19°26	5°25	S 15
S 16	7 45 13	25°49'12	2♒15	10°25	0♑29	19°27	4°49	8°41	1°32	29°50	22°34	13°49	12°13	19°32	5°30	S 16
M17	7 49 10	26°50'13	16°58	11°54	1°43	19° 8	4°42	8°39	1°33	29°52	22°33	13°43	12° 9	19°39	5°36	M17
T 18	7 53 6	27°51'15	1♓19	13°24	2°58	18°49	4°35	8°37	1°34	29°54	22°32	13°35	12° 6	19°46	5°42	T 18
W19	7 57 3	28°52'17	15°15	14°53	4°13	18°29	4°29	8°35	1°35	29°56	22°30	13°28	12° 3	19°52	5°47	W19
T 20	8 0 59	29°53'20	28°43	16°23	5°28	18° 8	4°22	8°32	1°36	29°58	22°29	13°22	12° 0	19°59	5°53	T 20
F 21	8 4 56	0♒54'22	11♈43	17°54	6°42	17°47	4°15	8°30	1°37	29°59	22°28	13°18	11°57	20° 5	5°59	F 21
S 22	8 8 53	1°55'25	24°19	19°25	7°57	17°25	4° 9	8°28	1°37	0♓ 2	22°27	13°16	11°54	20°12	6° 4	S 22
S 23	8 12 49	2°56'27	6♉35	20°56	9°12	17° 3	4° 3	8°27	1°38	0° 4	22°26	13°D16	11°50	20°19	6°10	S 23
M24	8 16 46	3°57'30	18°36	22°27	10°27	16°41	3°56	8°25	1°39	0° 6	22°25	13°17	11°47	20°25	6°16	M24
T 25	8 20 42	4°58'33	0♊27	23°59	11°42	16°18	3°50	8°23	1°39	0° 8	22°23	13°18	11°44	20°32	6°21	T 25
W26	8 24 39	5°59'36	12°14	25°31	12°57	15°55	3°45	8°22	1°40	0°10	22°22	13°R19	11°41	20°39	6°27	W26
T 27	8 28 35	7° 0'38	24° 1	27° 4	14°12	15°32	3°39	8°21	1°40	0°12	22°21	13°18	11°38	20°45	6°32	T 27
F 28	8 32 32	8° 1'41	5♋52	28°36	15°27	15° 8	3°33	8°19	1°41	0°14	22°20	13°15	11°34	20°52	6°38	F 28
S 29	8 36 28	9° 2'44	17°51	0♒10	16°42	14°45	3°28	8°18	1°41	0°17	22°19	13°10	11°31	20°59	6°44	S 29
S 30	8 40 25	10° 3'47	0♌ 0	1°43	17°56	14°21	3°23	8°17	1°42	0°19	22°18	13° 2	11°28	21° 5	6°49	S 30
M31	8 44 22	11♒ 4'49	12♌21	3♒17	19♑11	13♌57	3♋18	8♊16	1♏42	0♓21	22♋17	12♐52	11♐25	21♊12	6♒55	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s48	20n42	2s12	20s46	2n 6	20s29	1n32	17n 7	3n28	22n32	0s31	19n30	2s12	11s10	0n38	11s36	0s 1	15n15	6s 9	22s20	22s 9	22n15	12s19	6n56	S 1
S 2	22 43	18 28	3 9	20 58	1 59	20 41	1 30	17 12	3 30	22 33	0 31	19 30	2 12	11 11	0 38	11 36	0 1	15 15	6 9	22 19	22 9	22 14	12 18	6 55	S 2
M 3	22 38	15 23	3 57	21 9	1 52	20 51	1 28	17 17	3 33	22 34	0 31	19 29	2 11	11 12	0 38	11 35	0 1	15 15	6 9	22 19	22 9	22 14	12 17	6 55	M 3
T 4	22 32	11 38	4 35	21 20	1 45	21 1	1 26	17 22	3 36	22 34	0 30	19 29	2 11	11 12	0 38	11 35	0 1	15 15	6 9	22 18	22 8	22 14	12 16	6 55	T 4
W 5	22 26	7 20	5 1	21 31	1 37	21 11	1 24	17 28	3 39	22 35	0 30	19 29	2 11	11 13	0 38	11 34	0 1	15 16	6 9	22 17	22 8	22 13	12 15	6 55	W 5
T 6	22 19	2 40	5 12	21 41	1 29	21 20	1 22	17 34	3 42	22 35	0 30	19 28	2 11	11 13	0 38	11 34	0 1	15 16	6 8	22 17	22 7	22 13	12 13	6 55	T 6
F 7	22 12	2s12	5 8	21 51	1 21	21 28	1 20	17 40	3 44	22 36	0 30	19 28	2 11	11 14	0 38	11 33	0 1	15 16	6 8	22 16	22 7	22 13	12 12	6 55	F 7
S 8	22 4	7 5	4 48	22 0	1 13	21 35	1 18	17 47	3 47	22 36	0 30	19 28	2 10	11 14	0 38	11 32	0 1	15 16	6 8	22 16	22 7	22 12	12 11	6 54	S 8
S 9	21 56	11 44	4 12	22 8	1 5	21 42	1 16	17 54	3 50	22 37	0 30	19 28	2 10	11 15	0 39	11 32	0 1	15 16	6 8	22 16	22 6	22 12	12 10	6 54	S 9
M10	21 48	15 54	3 21	22 16	0 57	21 49	1 14	18 0	3 52	22 37	0 30	19 27	2 10	11 15	0 39	11 31	0 1	15 17	6 8	22 16	22 6	22 12	12 9	6 54	M10
T 11	21 39	19 16	2 16	22 22	0 49	21 54	1 12	18 8	3 55	22 38	0 29	19 27	2 10	11 16	0 39	11 30	0 1	15 17	6 8	22 16	22 5	22 11	12 8	6 54	T 11
W12	21 29	21 30	1 2	22 28	0 41	22 0	1 10	18 15	3 57	22 38	0 29	19 27	2 10	11 16	0 39	11 30	0 1	15 17	6 8	22 16	22 5	22 11	12 7	6 54	W12
T 13	21 19	22 20	0n18	22 32	0 33	22 4	1 7	18 22	4 0	22 39	0 29	19 27	2 9	11 17	0 39	11 29	0 1	15 17	6 8	22 17	22 5	22 11	12 6	6 54	T 13
F 14	21 9	21 34	1 38	22 36	0 25	22 8	1 5	18 30	4 2	22 39	0 29	19 27	2 9	11 17	0 39	11 29	0 1	15 18	6 8	22 16	22 4	22 10	12 4	6 54	F 14
S 15	20 59	19 17	2 51	22 38	0 17	22 11	1 3	18 38	4 4	22 39	0 29	19 26	2 9	11 17	0 39	11 28	0 1	15 18	6 8	22 16	22 4	22 10	12 3	6 53	S 15
S 16	20 48	15 43	3 52	22 40	0 10	22 13	1 0	18 46	4 7	22 40	0 29	19 26	2 9	11 18	0 39	11 27	0 1	15 18	6 8	22 15	22 3	22 10	12 2	6 53	S 16
M17	20 36	11 13	4 36	22 40	0 2	22 15	0 58	18 54	4 9	22 40	0 28	19 26	2 8	11 18	0 39	11 27	0 1	15 18	6 8	22 15	22 3	22 9	12 1	6 53	M17
T 18	20 24	6 12	5 2	22 39	0s 5	22 16	0 55	19 2	4 11	22 41	0 28	19 26	2 8	11 18	0 39	11 26	0 1	15 19	6 8	22 14	22 2	22 9	12 0	6 53	T 18
W19	20 12	1 0	5 9	22 37	0 13	22 17	0 53	19 10	4 13	22 41	0 28	19 26	2 8	11 19	0 39	11 25	0 1	15 19	6 8	22 13	22 2	22 9	11 58	6 53	W19
T 20	20 0	4n 4	4 58	22 34	0 20	22 17	0 50	19 18	4 15	22 41	0 28	19 26	2 8	11 19	0 39	11 24	0 1	15 19	6 8	22 12	22 2	22 8	11 57	6 53	T 20
F 21	19 47	8 46	4 32	22 29	0 27	22 16	0 48	19 26	4 17	22 42	0 28	19 26	2 7	11 19	0 39	11 24	0 1	15 19	6 8	22 12	22 1	22 8	11 56	6 53	F 21
S 22	19 33	12 58	3 54	22 24	0 34	22 14	0 45	19 35	4 19	22 42	0 27	19 26	2 7	11 19	0 39	11 23	0 1	15 20	6 8	22 11	22 1	22 7	11 54	6 53	S 22
S 23	19 20	16 31	3 5	22 17	0 40	22 12	0 43	19 43	4 20	22 43	0 27	19 26	2 7	11 20	0 39	11 22	0 1	15 20	6 8	22 11	22 0	22 7	11 53	6 53	S 23
M24	19 6	19 17	2 9	22 9	0 47	22 9	0 40	19 51	4 22	22 43	0 27	19 26	2 7	11 20	0 39	11 22	0 1	15 20	6 7	22 11	22 0	22 7	11 52	6 53	M24
T 25	18 51	21 11	1 9	22 0	0 53	22 6	0 37	20 0	4 23	22 43	0 27	19 26	2 6	11 20	0 39	11 21	0 2	15 20	6 7	22 12	22 0	22 6	11 50	6 53	T 25
W26	18 36	22 9	0 6	21 49	0 59	22 2	0 35	20 8	4 25	22 44	0 27	19 26	2 6	11 20	0 39	11 20	0 2	15 21	6 7	22 12	21 59	22 6	11 49	6 53	W26
T 27	18 21	22 8	0s57	21 38	1 5	21 57	0 32	20 16	4 26	22 44	0 27	19 26	2 6	11 20	0 39	11 19	0 2	15 21	6 7	22 12	21 59	22 5	11 48	6 53	T 27
F 28	18 6	21 8	1 58	21 25	1 11	21 51	0 30	20 24	4 27	22 44	0 26	19 26	2 6	11 20	0 39	11 19	0 2	15 21	6 7	22 11	21 58	22 5	11 46	6 53	F 28
S 29	17 50	19 10	2 54	21 11	1 16	21 45	0 27	20 32	4 28	22 45	0 26	19 26	2 5	11 21	0 39	11 18	0 2	15 21	6 7	22 11	21 58	22 5	11 45	6 53	S 29
S 30	17 34	16 20	3 43	20 56	1 22	21 38	0 24	20 40	4 29	22 45	0 26	19 26	2 5	11 21	0 39	11 17	0 2	15 22	6 7	22 10	21 57	22 4	11 44	6 53	S 30
M31	17s18	12n44	4s22	20s39	1s27	21s31	0n22	20n48	4n30	22n45	0s26	19n26	2s 5	11s21	0n39	11s16	0s 2	15n22	6s 7	22s 8	21s57	22n 4	11s42	6n53	M31

Julian Day Number = 3054195.5, Delta T = 02h28m10s
Ecliptic obliquity = 23°13'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'17, Lahiri = 46°59'17

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

FEBRUARY 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 48 18	12♒ 5'52	24♌54	4♒51	20♉26	13°R33	3°R13	8°R15	1♏42	0♓23	22°R15	12°R41	11♐22	21♊19	7♒ 1	T 1
W 2	8 52 15	13° 6'54	7♍39	6°26	21°41	13♌ 9	3♋ 8	8♊14	1°42	0°25	22♋14	12♐29	11°19	21°25	7° 6	W 2
T 3	8 56 11	14° 7'57	20°36	8° 1	22°56	12°46	3° 4	8°14	1°42	0°28	22°13	12°19	11°15	21°32	7°12	T 3
F 4	9 0 8	15° 9'00	3♎45	9°36	24°11	12°22	3° 0	8°13	1°R42	0°30	22°12	12°10	11°12	21°38	7°17	F 4
S 5	9 4 4	16°10'02	17° 5	11°12	25°26	11°58	2°56	8°13	1°42	0°32	22°11	12° 4	11° 9	21°45	7°23	S 5
S 6	9 8 1	17°11'05	0♏37	12°49	26°41	11°35	2°52	8°13	1°42	0°34	22°10	12° 0	11° 6	21°52	7°29	S 6
M 7	9 11 57	18°12'08	14°21	14°25	27°57	11°12	2°48	8°12	1°42	0°36	22° 9	11°D59	11° 3	21°58	7°34	M 7
T 8	9 15 54	19°13'12	28°18	16° 3	29°12	10°49	2°44	8°D12	1°42	0°39	22° 8	11°59	10°59	22° 5	7°40	T 8
W 9	9 19 51	20°14'15	12♐28	17°40	0♒27	10°27	2°41	8°12	1°42	0°41	22° 7	11°R59	10°56	22°12	7°45	W 9
T 10	9 23 47	21°15'18	26°50	19°19	1°42	10° 5	2°38	8°13	1°41	0°43	22° 6	11°59	10°53	22°18	7°51	T 10
F 11	9 27 44	22°16'21	11♑21	20°57	2°57	9°44	2°35	8°13	1°41	0°45	22° 5	11°56	10°50	22°25	7°56	F 11
S 12	9 31 40	23°17'24	25°57	22°37	4°12	9°23	2°32	8°13	1°41	0°48	22° 4	11°50	10°47	22°32	8° 2	S 12
S 13	9 35 37	24°18'27	10♒33	24°16	5°27	9° 2	2°30	8°14	1°40	0°50	22° 3	11°41	10°44	22°38	8° 7	S 13
M14	9 39 33	25°19'29	25° 0	25°57	6°42	8°42	2°27	8°14	1°40	0°52	22° 2	11°30	10°40	22°45	8°13	M14
T 15	9 43 30	26°20'31	9♓12	27°38	7°57	8°23	2°25	8°15	1°39	0°54	22° 1	11°18	10°37	22°52	8°18	T 15
W16	9 47 26	27°21'32	23° 4	29°19	9°12	8° 4	2°23	8°16	1°39	0°57	22° 0	11° 6	10°34	22°58	8°24	W16
T 17	9 51 23	28°22'32	6♈32	1♓ 1	10°28	7°46	2°21	8°17	1°38	0°59	21°59	10°55	10°31	23° 5	8°29	T 17
F 18	9 55 20	29°23'31	19°35	2°44	11°43	7°28	2°20	8°18	1°37	1° 1	21°58	10°47	10°28	23°12	8°34	F 18
S 19	9 59 16	0♓24'30	2♉14	4°27	12°58	7°11	2°18	8°19	1°36	1° 4	21°57	10°41	10°25	23°18	8°40	S 19
S 20	10 3 13	1°25'28	14°32	6°10	14°13	6°55	2°17	8°20	1°36	1° 6	21°56	10°38	10°21	23°25	8°45	S 20
M21	10 7 9	2°26'25	26°35	7°54	15°28	6°40	2°16	8°22	1°35	1° 8	21°55	10°37	10°18	23°31	8°50	M21
T 22	10 11 6	3°27'21	8♊28	9°39	16°43	6°25	2°16	8°23	1°34	1°10	21°55	10°37	10°15	23°38	8°56	T 22
W23	10 15 2	4°28'16	20°15	11°24	17°58	6°12	2°15	8°25	1°33	1°13	21°54	10°37	10°12	23°45	9° 1	W23
T 24	10 18 59	5°29'09	2♋ 3	13° 9	19°13	5°59	2°15	8°26	1°32	1°15	21°53	10°35	10° 9	23°51	9° 6	T 24
F 25	10 22 55	6°30'02	13°57	14°54	20°29	5°46	2°D15	8°28	1°31	1°17	21°52	10°31	10° 5	23°58	9°11	F 25
S 26	10 26 52	7°30'54	26° 2	16°40	21°44	5°35	2°15	8°30	1°29	1°19	21°51	10°25	10° 2	24° 5	9°16	S 26
S 27	10 30 49	8°31'44	8♌19	18°25	22°59	5°24	2°15	8°32	1°28	1°22	21°51	10°16	9°59	24°11	9°22	S 27
M28	10 34 45	9♓32'34	20♌53	20♓11	24♒14	5♌14	2♋16	8♊34	1♏27	1♓24	21♋50	10♐ 4	9♐56	24♊18	9♒27	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 1	8n33	4s50	20s22	1s31	21s23	0n19	20n55	4n30	22n46	0s26	19n26	2s 4	11s21	0n39	11s16	0s 2	15n22	6s 7	22s 7	21s57	22n 3	11s41	6n53
W 2	16 44	3 56	5 3	20 3	1 36	21 14	0 16	21 3	4 31	22 46	0 25	19 26	2 4	11 21	0 39	11 15	0 2	15 22	6 7	22 6	21 56	22 3	11 40	6 53
T 3	16 27	0s56	5 1	19 43	1 40	21 4	0 14	21 10	4 31	22 46	0 25	19 27	2 4	11 21	0 39	11 14	0 2	15 23	6 7	22 4	21 56	22 2	11 38	6 53
F 4	16 9	5 49	4 43	19 22	1 44	20 54	0 11	21 17	4 32	22 47	0 25	19 27	2 4	11 21	0 39	11 13	0 2	15 23	6 6	22 3	21 55	22 2	11 37	6 53
S 5	15 51	10 30	4 9	18 59	1 48	20 44	0 8	21 24	4 32	22 47	0 25	19 27	2 3	11 21	0 39	11 13	0 2	15 23	6 6	22 2	21 55	22 1	11 35	6 53
S 6	15 33	14 44	3 22	18 36	1 51	20 32	0 6	21 31	4 32	22 47	0 25	19 27	2 3	11 21	0 39	11 12	0 2	15 24	6 6	22 2	21 54	22 1	11 34	6 53
M 7	15 14	18 16	2 22	18 11	1 54	20 20	0 3	21 37	4 32	22 47	0 24	19 27	2 3	11 21	0 39	11 11	0 2	15 24	6 6	22 2	21 54	22 1	11 32	6 53
T 8	14 56	20 47	1 12	17 45	1 57	20 8	0 0	21 43	4 32	22 48	0 24	19 28	2 3	11 21	0 39	11 10	0 2	15 24	6 6	22 2	21 54	22 0	11 31	6 54
W 9	14 37	22 3	0n 3	17 18	2 0	19 55	0s 2	21 49	4 32	22 48	0 24	19 28	2 2	11 20	0 39	11 10	0 2	15 24	6 6	22 2	21 53	22 0	11 30	6 54
T 10	14 17	21 53	1 18	16 50	2 2	19 41	0 5	21 55	4 31	22 48	0 24	19 28	2 2	11 20	0 39	11 9	0 2	15 25	6 6	22 2	21 53	21 59	11 28	6 54
F 11	13 58	20 16	2 29	16 20	2 4	19 27	0 8	22 0	4 31	22 48	0 24	19 29	2 2	11 20	0 39	11 8	0 2	15 25	6 6	22 1	21 52	21 59	11 27	6 54
S 12	13 38	17 19	3 31	15 50	2 5	19 12	0 10	22 5	4 30	22 49	0 24	19 29	2 1	11 20	0 40	11 7	0 2	15 25	6 6	22 0	21 52	21 58	11 25	6 54
S 13	13 18	13 17	4 19	15 18	2 6	18 57	0 13	22 10	4 29	22 49	0 23	19 29	2 1	11 20	0 40	11 6	0 2	15 25	6 5	21 59	21 51	21 58	11 24	6 54
M14	12 58	8 31	4 49	14 45	2 7	18 41	0 15	22 15	4 29	22 49	0 23	19 30	2 1	11 20	0 40	11 6	0 2	15 26	6 5	21 58	21 51	21 57	11 22	6 54
T 15	12 37	3 23	5 1	14 11	2 7	18 24	0 18	22 19	4 28	22 49	0 23	19 30	2 1	11 19	0 40	11 5	0 2	15 26	6 5	21 56	21 50	21 57	11 21	6 54
W16	12 17	1n48	4 55	13 36	2 7	18 7	0 20	22 23	4 27	22 50	0 23	19 30	2 0	11 19	0 40	11 4	0 2	15 26	6 5	21 54	21 50	21 56	11 19	6 55
T 17	11 56	6 45	4 32	12 59	2 7	17 50	0 23	22 27	4 26	22 50	0 23	19 31	2 0	11 19	0 40	11 3	0 2	15 27	6 5	21 53	21 50	21 56	11 18	6 55
F 18	11 35	11 14	3 56	12 22	2 6	17 32	0 25	22 30	4 25	22 50	0 22	19 31	2 0	11 19	0 40	11 3	0 2	15 27	6 5	21 52	21 49	21 55	11 16	6 55
S 19	11 14	15 6	3 9	11 44	2 4	17 13	0 28	22 33	4 24	22 50	0 22	19 32	2 0	11 18	0 40	11 2	0 2	15 27	6 5	21 51	21 49	21 55	11 15	6 55
S 20	10 52	18 11	2 14	11 4	2 2	16 54	0 30	22 36	4 22	22 50	0 22	19 32	1 59	11 18	0 40	11 1	0 2	15 27	6 4	21 51	21 48	21 54	11 13	6 55
M21	10 31	20 25	1 14	10 23	2 0	16 34	0 32	22 39	4 21	22 51	0 22	19 33	1 59	11 18	0 40	11 0	0 2	15 28	6 4	21 50	21 48	21 53	11 12	6 55
T 22	10 9	21 42	0 11	9 42	1 57	16 14	0 35	22 41	4 19	22 51	0 22	19 33	1 59	11 17	0 40	10 59	0 2	15 28	6 4	21 50	21 47	21 53	11 10	6 56
W23	9 47	22 2	0s51	8 59	1 54	15 54	0 37	22 43	4 18	22 51	0 21	19 34	1 58	11 17	0 40	10 59	0 2	15 28	6 4	21 50	21 47	21 52	11 9	6 56
T 24	9 25	21 22	1 51	8 15	1 50	15 33	0 39	22 45	4 16	22 51	0 21	19 34	1 58	11 17	0 40	10 58	0 2	15 28	6 4	21 50	21 46	21 52	11 7	6 56
F 25	9 3	19 44	2 47	7 31	1 45	15 11	0 41	22 47	4 15	22 51	0 21	19 35	1 58	11 16	0 40	10 57	0 2	15 29	6 4	21 50	21 46	21 51	11 6	6 56
S 26	8 40	17 13	3 36	6 45	1 40	14 50	0 44	22 48	4 13	22 52	0 21	19 35	1 58	11 16	0 40	10 56	0 2	15 29	6 4	21 49	21 45	21 51	11 4	6 57
S 27	8 18	13 54	4 15	5 59	1 34	14 27	0 46	22 49	4 12	22 52	0 21	19 36	1 57	11 15	0 40	10 55	0 2	15 29	6 3	21 47	21 45	21 50	11 3	6 57
M28	7s55	9n55	4s44	5s12	1s28	14s 5	0s48	22n50	4n10	22n52	0s21	19n37	1s57	11s15	0n40	10s55	0s 2	15n30	6s 3	21s46	21s44	21n50	11s 1	6n57

Julian Day Number = 3054226.5, Delta T = 02h28m11s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'21, Lahiri = 46°59'22

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

MARCH 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 42	10♓33'22	3♍43	21♓56	25♒29	5°R 5	2♋16	8♊36	1°R26	1♓26	21°R49	9°R50	9♐53	24♊25	9♒32	T 1
W 2	10 42 38	11°34'09	16°50	23°41	26°44	4♌57	2°17	8°39	1♏24	1°28	21♋48	9♐37	9°50	24°31	9°37	W 2
T 3	10 46 35	12°34'56	0♎10	25°25	27°59	4°50	2°18	8°41	1°23	1°31	21°48	9°24	9°46	24°38	9°42	T 3
F 4	10 50 31	13°35'41	13°43	27° 8	29°14	4°43	2°20	8°44	1°22	1°33	21°47	9°13	9°43	24°45	9°47	F 4
S 5	10 54 28	14°36'25	27°26	28°50	0♓30	4°37	2°21	8°46	1°20	1°35	21°46	9° 5	9°40	24°51	9°52	S 5
S 6	10 58 24	15°37'09	11♏15	0♈30	1°45	4°32	2°23	8°49	1°19	1°37	21°46	9° 0	9°37	24°58	9°56	S 6
M 7	11 2 21	16°37'52	25°10	2° 8	3° 0	4°28	2°25	8°52	1°17	1°40	21°45	8°58	9°34	25° 5	10° 1	M 7
T 8	11 6 17	17°38'33	9♐10	3°43	4°15	4°24	2°27	8°55	1°15	1°42	21°44	8°D57	9°31	25°11	10° 6	T 8
W 9	11 10 14	18°39'14	23°14	5°15	5°30	4°21	2°29	8°58	1°14	1°44	21°44	8°R57	9°27	25°18	10°11	W 9
T 10	11 14 11	19°39'55	7♑22	6°43	6°45	4°20	2°32	9° 1	1°12	1°46	21°43	8°56	9°24	25°25	10°15	T 10
F 11	11 18 7	20°40'34	21°31	8° 7	8° 0	4°18	2°35	9° 4	1°10	1°48	21°43	8°53	9°21	25°31	10°20	F 11
S 12	11 22 4	21°41'12	5♒42	9°26	9°16	4°D18	2°37	9° 8	1° 8	1°51	21°42	8°48	9°18	25°38	10°25	S 12
S 13	11 26 0	22°41'49	19°49	10°40	10°31	4°18	2°41	9°11	1° 7	1°53	21°42	8°39	9°15	25°44	10°29	S 13
M14	11 29 57	23°42'24	3♓50	11°47	11°46	4°19	2°44	9°15	1° 5	1°55	21°41	8°28	9°11	25°51	10°34	M14
T 15	11 33 53	24°42'59	17°39	12°46	13° 1	4°21	2°47	9°18	1° 3	1°57	21°41	8°16	9° 8	25°58	10°38	T 15
W16	11 37 50	25°43'32	1♈13	13°38	14°16	4°24	2°51	9°22	1° 1	1°59	21°40	8° 3	9° 5	26° 4	10°43	W16
T 17	11 41 46	26°44'04	14°28	14°22	15°31	4°27	2°55	9°26	0°59	2° 1	21°40	7°52	9° 2	26°11	10°47	T 17
F 18	11 45 43	27°44'34	27°24	14°56	16°46	4°31	2°59	9°30	0°57	2° 3	21°39	7°44	8°59	26°18	10°51	F 18
S 19	11 49 40	28°45'02	9♉59	15°21	18° 1	4°36	3° 3	9°34	0°55	2° 6	21°39	7°38	8°56	26°24	10°56	S 19
S 20	11 53 36	29°45'29	22°17	15°37	19°16	4°41	3° 8	9°38	0°53	2° 8	21°39	7°34	8°52	26°31	11° 0	S 20
M21	11 57 33	0♈45'54	4♊20	15°R42	20°31	4°47	3°12	9°42	0°51	2°10	21°38	7°D33	8°49	26°38	11° 4	M21
T 22	12 1 29	1°46'18	16°14	15°37	21°46	4°54	3°17	9°46	0°49	2°12	21°38	7°33	8°46	26°44	11° 8	T 22
W23	12 5 26	2°46'40	28° 2	15°23	23° 1	5° 1	3°22	9°51	0°46	2°14	21°38	7°R34	8°43	26°51	11°12	W23
T 24	12 9 22	3°46'59	9♋51	14°59	24°17	5° 9	3°27	9°55	0°44	2°16	21°37	7°34	8°40	26°58	11°16	T 24
F 25	12 13 19	4°47'17	21°46	14°26	25°32	5°17	3°32	10° 0	0°42	2°18	21°37	7°32	8°36	27° 4	11°20	F 25
S 26	12 17 15	5°47'33	3♌53	13°46	26°47	5°27	3°38	10° 4	0°40	2°20	21°37	7°28	8°33	27°11	11°24	S 26
S 27	12 21 12	6°47'48	16°14	12°58	28° 2	5°36	3°43	10° 9	0°37	2°22	21°37	7°22	8°30	27°18	11°28	S 27
M28	12 25 9	7°48'00	28°55	12° 5	29°17	5°47	3°49	10°14	0°35	2°24	21°37	7°13	8°27	27°24	11°32	M28
T 29	12 29 5	8°48'10	11♍57	11° 8	0♈32	5°58	3°55	10°19	0°33	2°26	21°36	7° 3	8°24	27°31	11°35	T 29
W30	12 33 2	9°48'19	25°19	10° 7	1°46	6° 9	4° 1	10°24	0°30	2°27	21°36	6°53	8°21	27°38	11°39	W30
T 31	12 36 58	10♈48'26	9♎ 1	9♈ 6	3♈ 1	6♌21	4♋ 7	10♊29	0♏28	2♓29	21♋36	6♐44	8♐17	27♊44	11♒43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s33	5n25	4s58	4s25	1s21	13s42	0s50	22n50	4n 8	22n52	0s20	19n37	1s57	11s14	0n40	10s54	0s 2	15n30	6s 3	21s44	21s44	21n49	10s59	6n57
W 2	7 10	0 35	4 58	3 36	1 13	13 18	0 52	22 50	4 6	22 52	0 20	19 38	1 57	11 14	0 40	10 53	0 2	15 30	6 3	21 42	21 44	21 48	10 58	6 58
T 3	6 47	4s22	4 41	2 48	1 5	12 55	0 54	22 51	4 4	22 52	0 20	19 38	1 56	11 13	0 40	10 52	0 2	15 30	6 3	21 40	21 43	21 48	10 56	6 58
F 4	6 24	9 11	4 8	1 59	0 56	12 30	0 56	22 50	4 3	22 53	0 20	19 39	1 56	11 13	0 40	10 51	0 2	15 31	6 3	21 38	21 43	21 47	10 55	6 58
S 5	6 1	13 35	3 21	1 10	0 46	12 6	0 58	22 50	4 1	22 53	0 20	19 40	1 56	11 12	0 40	10 51	0 2	15 31	6 3	21 37	21 42	21 47	10 53	6 58
S 6	5 37	17 18	2 21	0 21	0 35	11 41	0 59	22 49	3 59	22 53	0 19	19 40	1 56	11 12	0 40	10 50	0 2	15 31	6 2	21 36	21 42	21 46	10 52	6 59
M 7	5 14	20 4	1 12	0n28	0 24	11 16	1 1	22 48	3 57	22 53	0 19	19 41	1 55	11 11	0 40	10 49	0 2	15 31	6 2	21 36	21 41	21 45	10 50	6 59
T 8	4 50	21 37	0n 1	1 16	0 12	10 51	1 3	22 47	3 55	22 53	0 19	19 42	1 55	11 11	0 40	10 48	0 2	15 32	6 2	21 36	21 41	21 45	10 49	6 59
W 9	4 27	21 49	1 15	2 4	0 0	10 25	1 5	22 46	3 53	22 53	0 19	19 42	1 55	11 10	0 40	10 48	0 2	15 32	6 2	21 36	21 40	21 44	10 47	7 0
T 10	4 3	20 37	2 24	2 51	0n13	9 59	1 6	22 45	3 51	22 53	0 19	19 43	1 54	11 10	0 40	10 47	0 2	15 32	6 2	21 36	21 40	21 44	10 46	7 0
F 11	3 40	18 9	3 25	3 36	0 27	9 33	1 8	22 43	3 49	22 54	0 19	19 44	1 54	11 9	0 40	10 46	0 2	15 32	6 2	21 35	21 39	21 43	10 44	7 0
S 12	3 16	14 35	4 13	4 20	0 41	9 6	1 9	22 41	3 47	22 54	0 18	19 45	1 54	11 8	0 40	10 45	0 2	15 33	6 1	21 34	21 39	21 42	10 43	7 1
S 13	2 52	10 13	4 45	5 2	0 55	8 39	1 11	22 39	3 45	22 54	0 18	19 45	1 54	11 8	0 40	10 45	0 2	15 33	6 1	21 33	21 38	21 42	10 41	7 1
M14	2 29	5 21	5 0	5 41	1 10	8 12	1 12	22 37	3 43	22 54	0 18	19 46	1 53	11 7	0 40	10 44	0 2	15 33	6 1	21 31	21 38	21 41	10 40	7 1
T 15	2 5	0 16	4 57	6 18	1 25	7 45	1 13	22 34	3 41	22 54	0 18	19 47	1 53	11 6	0 40	10 43	0 2	15 33	6 1	21 29	21 37	21 40	10 38	7 2
W16	1 41	4n44	4 37	6 52	1 40	7 17	1 15	22 32	3 39	22 54	0 18	19 48	1 53	11 6	0 40	10 42	0 2	15 34	6 1	21 27	21 37	21 40	10 37	7 2
T 17	1 17	9 23	4 3	7 22	1 54	6 50	1 16	22 29	3 37	22 54	0 18	19 49	1 53	11 5	0 40	10 42	0 2	15 34	6 1	21 26	21 36	21 39	10 35	7 2
F 18	0 53	13 31	3 16	7 49	2 9	6 22	1 17	22 26	3 35	22 54	0 17	19 49	1 52	11 4	0 40	10 41	0 2	15 34	6 0	21 24	21 36	21 38	10 34	7 3
S 19	0 30	16 55	2 21	8 12	2 23	5 54	1 18	22 23	3 33	22 54	0 17	19 50	1 52	11 4	0 40	10 40	0 2	15 34	6 0	21 23	21 35	21 38	10 32	7 3
S 20	0 6	19 28	1 20	8 30	2 36	5 26	1 19	22 20	3 31	22 54	0 17	19 51	1 52	11 3	0 40	10 39	0 2	15 34	6 0	21 23	21 35	21 37	10 31	7 4
M21	0n18	21 6	0 17	8 43	2 49	4 57	1 20	22 16	3 29	22 54	0 17	19 52	1 52	11 2	0 40	10 39	0 2	15 35	6 0	21 22	21 35	21 36	10 29	7 4
T 22	0 42	21 45	0s46	8 52	3 0	4 29	1 21	22 13	3 27	22 54	0 17	19 53	1 52	11 1	0 40	10 38	0 2	15 35	6 0	21 23	21 34	21 36	10 28	7 4
W23	1 6	21 26	1 47	8 56	3 10	4 0	1 22	22 9	3 25	22 55	0 17	19 54	1 51	11 1	0 40	10 37	0 2	15 35	5 59	21 23	21 34	21 35	10 26	7 5
T 24	1 29	20 9	2 44	8 55	3 19	3 31	1 23	22 5	3 23	22 55	0 16	19 54	1 51	11 0	0 40	10 37	0 2	15 35	5 59	21 23	21 33	21 34	10 25	7 5
F 25	1 53	17 58	3 33	8 48	3 26	3 3	1 24	22 1	3 21	22 55	0 16	19 55	1 51	10 59	0 40	10 36	0 2	15 36	5 59	21 22	21 33	21 34	10 23	7 6
S 26	2 17	14 59	4 15	8 37	3 30	2 34	1 24	21 57	3 19	22 55	0 16	19 56	1 51	10 58	0 40	10 35	0 2	15 36	5 59	21 22	21 32	21 33	10 22	7 6
S 27	2 40	11 18	4 45	8 21	3 33	2 5	1 25	21 53	3 17	22 55	0 16	19 57	1 50	10 57	0 40	10 34	0 2	15 36	5 59	21 21	21 32	21 32	10 21	7 7
M28	3 4	7 1	5 2	8 1	3 34	1 36	1 25	21 48	3 15	22 55	0 16	19 58	1 50	10 57	0 40	10 34	0 2	15 36	5 59	21 19	21 31	21 32	10 19	7 7
T 29	3 28	2 20	5 4	7 38	3 33	1 6	1 26	21 44	3 13	22 55	0 16	19 59	1 50	10 56	0 40	10 33	0 2	15 36	5 58	21 18	21 31	21 31	10 18	7 7
W30	3 51	2s35	4 49	7 11	3 29	0 37	1 26	21 39	3 11	22 55	0 15	20 0	1 50	10 55	0 40	10 32	0 2	15 37	5 58	21 16	21 30	21 30	10 16	7 8
T 31	4n14	7s30	4s18	6n42	3n24	0s 8	1s27	21n34	3n 9	22n55	0s15	20n 1	1s50	10s54	0n40	10s32	0s 2	15n37	5s58	21s14	21s30	21n29	10s15	7n 8

Julian Day Number = 3054254.5, Delta T = 02h28m12s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'25, Lahiri = 46°59'26

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

APRIL 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 40 55	11♈48'31	22♎59	8°R 4	4♈16	6♌34	4♋14	10♊34	0°R26	2♓31	21°R36	6°R35	8♐14	27♊51	11♒46	F 1
S 2	12 44 51	12°48'34	7♏ 8	7♈ 4	5°31	6°47	4°21	10°39	0♏23	2°33	21♋36	6♐30	8°11	27°57	11°50	S 2
S 3	12 48 48	13°48'36	21°24	6° 7	6°46	7° 0	4°27	10°44	0°21	2°35	21°36	6°26	8° 8	28° 4	11°53	S 3
M 4	12 52 44	14°48'36	5♐42	5°13	8° 1	7°14	4°34	10°49	0°18	2°37	21°D36	6°D25	8° 5	28°11	11°57	M 4
T 5	12 56 41	15°48'35	20° 0	4°24	9°16	7°29	4°41	10°55	0°16	2°39	21°36	6°26	8° 2	28°17	12° 0	T 5
W 6	13 0 37	16°48'33	4♑13	3°41	10°31	7°44	4°48	11° 0	0°13	2°40	21°36	6°27	7°58	28°24	12° 3	W 6
T 7	13 4 34	17°48'28	18°20	3° 3	11°46	7°59	4°56	11° 6	0°11	2°42	21°36	6°R28	7°55	28°31	12° 6	T 7
F 8	13 8 31	18°48'23	2♒21	2°32	13° 1	8°15	5° 3	11°11	0° 8	2°44	21°36	6°27	7°52	28°37	12° 9	F 8
S 9	13 12 27	19°48'16	16°14	2° 7	14°16	8°31	5°11	11°17	0° 6	2°45	21°36	6°24	7°49	28°44	12°12	S 9
S 10	13 16 24	20°48'07	29°58	1°48	15°30	8°48	5°19	11°23	0° 3	2°47	21°36	6°19	7°46	28°51	12°15	S 10
M11	13 20 20	21°47'56	13♓33	1°36	16°45	9° 5	5°27	11°28	0° 0	2°49	21°36	6°12	7°42	28°57	12°18	M11
T 12	13 24 17	22°47'44	26°55	1°D30	18° 0	9°23	5°35	11°34	29♎58	2°50	21°37	6° 5	7°39	29° 4	12°21	T 12
W13	13 28 13	23°47'30	10♈ 4	1°31	19°15	9°41	5°43	11°40	29°55	2°52	21°37	5°57	7°36	29°11	12°24	W13
T 14	13 32 10	24°47'14	22°59	1°37	20°30	9°59	5°51	11°46	29°53	2°54	21°37	5°50	7°33	29°17	12°27	T 14
F 15	13 36 6	25°46'56	5♉38	1°49	21°44	10°18	6° 0	11°52	29°50	2°55	21°37	5°45	7°30	29°24	12°29	F 15
S 16	13 40 3	26°46'37	18° 3	2° 6	22°59	10°37	6° 8	11°58	29°48	2°57	21°37	5°41	7°27	29°31	12°32	S 16
S 17	13 44 0	27°46'15	0♊14	2°28	24°14	10°57	6°17	12° 5	29°45	2°58	21°38	5°D40	7°23	29°37	12°34	S 17
M18	13 47 56	28°45'52	12°15	2°55	25°29	11°16	6°26	12°11	29°42	3° 0	21°38	5°40	7°20	29°44	12°37	M18
T 19	13 51 53	29°45'26	24° 7	3°27	26°43	11°37	6°35	12°17	29°40	3° 1	21°38	5°41	7°17	29°51	12°39	T 19
W20	13 55 49	0♉44'58	5♋55	4° 2	27°58	11°57	6°44	12°23	29°37	3° 3	21°39	5°43	7°14	29°57	12°41	W20
T 21	13 59 46	1°44'28	17°44	4°42	29°13	12°18	6°53	12°30	29°34	3° 4	21°39	5°44	7°11	0♋ 4	12°43	T 21
F 22	14 3 42	2°43'56	29°39	5°26	0♉28	12°40	7° 3	12°36	29°32	3° 5	21°39	5°R45	7° 8	0°11	12°45	F 22
S 23	14 7 39	3°43'22	11♌45	6°13	1°42	13° 1	7°12	12°43	29°29	3° 7	21°40	5°45	7° 4	0°17	12°48	S 23
S 24	14 11 35	4°42'45	24° 6	7° 4	2°57	13°23	7°22	12°49	29°27	3° 8	21°40	5°43	7° 1	0°24	12°49	S 24
M25	14 15 32	5°42'06	6♍47	7°57	4°11	13°45	7°32	12°56	29°24	3° 9	21°41	5°40	6°58	0°31	12°51	M25
T 26	14 19 29	6°41'25	19°50	8°54	5°26	14° 8	7°41	13° 3	29°22	3°11	21°41	5°36	6°55	0°37	12°53	T 26
W27	14 23 25	7°40'41	3♎19	9°53	6°41	14°31	7°51	13° 9	29°19	3°12	21°42	5°32	6°52	0°44	12°55	W27
T 28	14 27 22	8°39'56	17°11	10°56	7°55	14°54	8° 1	13°16	29°16	3°13	21°42	5°28	6°48	0°50	12°57	T 28
F 29	14 31 18	9°39'09	1♏26	12° 1	9°10	15°17	8°12	13°23	29°14	3°14	21°43	5°24	6°45	0°57	12°58	F 29
S 30	14 35 15	10♉38'19	15♏57	13♈ 8	10♉24	15♌41	8♋22	13♊30	29♎11	3♓15	21♋43	5♐22	6♐42	1♋ 4	13♒ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n38	12s 8	3s31	6n11	3n16	0n21	1s27	21n29	3n 7	22n54	0s15	20n 2	1s49	10s53	0n40	10s31	0s 2	15n37	5s58	21s13	21s29	21n29	10s14	7n 9
S 2	5 1	16 9	2 31	5 39	3 7	0 50	1 27	21 24	3 5	22 54	0 15	20 3	1 49	10 52	0 40	10 30	0 2	15 37	5 58	21 12	21 29	21 28	10 12	7 9
S 3	5 24	19 14	1 20	5 6	2 56	1 20	1 27	21 19	3 3	22 54	0 15	20 4	1 49	10 52	0 40	10 30	0 2	15 37	5 57	21 12	21 28	21 27	10 11	7 10
M 4	5 47	21 8	0 4	4 34	2 44	1 49	1 27	21 14	3 2	22 54	0 15	20 5	1 49	10 51	0 40	10 29	0 2	15 38	5 57	21 11	21 28	21 26	10 9	7 10
T 5	6 10	21 39	1n12	4 3	2 31	2 18	1 27	21 8	3 0	22 54	0 14	20 5	1 48	10 50	0 41	10 29	0 2	15 38	5 57	21 11	21 27	21 26	10 8	7 11
W 6	6 33	20 46	2 24	3 33	2 17	2 47	1 27	21 2	2 58	22 54	0 14	20 6	1 48	10 49	0 41	10 28	0 2	15 38	5 57	21 12	21 27	21 25	10 7	7 11
T 7	6 56	18 34	3 26	3 5	2 2	3 16	1 27	20 57	2 56	22 54	0 14	20 7	1 48	10 48	0 41	10 27	0 2	15 38	5 57	21 12	21 26	21 24	10 5	7 12
F 8	7 18	15 18	4 16	2 38	1 47	3 45	1 27	20 51	2 54	22 54	0 14	20 8	1 48	10 47	0 41	10 27	0 2	15 38	5 57	21 12	21 26	21 23	10 4	7 12
S 9	7 41	11 13	4 50	2 15	1 32	4 14	1 27	20 45	2 53	22 54	0 14	20 9	1 48	10 46	0 41	10 26	0 2	15 38	5 56	21 11	21 25	21 23	10 3	7 13
S 10	8 3	6 35	5 7	1 53	1 17	4 43	1 26	20 39	2 51	22 54	0 14	20 10	1 47	10 45	0 41	10 26	0 2	15 39	5 56	21 10	21 25	21 22	10 2	7 13
M11	8 25	1 42	5 6	1 34	1 1	5 12	1 26	20 33	2 49	22 53	0 14	20 11	1 47	10 45	0 41	10 25	0 2	15 39	5 56	21 9	21 24	21 21	10 0	7 14
T 12	8 47	3n12	4 49	1 18	0 46	5 41	1 26	20 26	2 47	22 53	0 13	20 12	1 47	10 44	0 41	10 24	0 2	15 39	5 56	21 8	21 24	21 20	9 59	7 14
W13	9 9	7 53	4 16	1 5	0 32	6 9	1 25	20 20	2 46	22 53	0 13	20 13	1 47	10 43	0 41	10 24	0 2	15 39	5 56	21 7	21 23	21 20	9 58	7 15
T 14	9 31	12 7	3 31	0 54	0 17	6 38	1 24	20 13	2 44	22 53	0 13	20 14	1 47	10 42	0 41	10 23	0 2	15 39	5 55	21 5	21 23	21 19	9 57	7 15
F 15	9 53	15 44	2 36	0 46	0 3	7 6	1 24	20 6	2 42	22 52	0 13	20 15	1 46	10 41	0 41	10 23	0 2	15 39	5 55	21 4	21 22	21 18	9 55	7 16
S 16	10 14	18 34	1 34	0 40	0s10	7 34	1 23	20 0	2 41	22 52	0 13	20 16	1 46	10 40	0 41	10 22	0 2	15 40	5 55	21 4	21 21	21 17	9 54	7 16
S 17	10 35	20 30	0 30	0 37	0 23	8 2	1 22	19 53	2 39	22 52	0 13	20 17	1 46	10 39	0 40	10 22	0 2	15 40	5 55	21 3	21 21	21 16	9 53	7 17
M18	10 56	21 28	0s36	0 36	0 35	8 30	1 22	19 46	2 37	22 52	0 13	20 18	1 46	10 38	0 40	10 21	0 2	15 40	5 55	21 3	21 20	21 16	9 52	7 17
T 19	11 17	21 27	1 39	0 38	0 47	8 57	1 21	19 38	2 36	22 51	0 12	20 19	1 46	10 37	0 40	10 21	0 2	15 40	5 54	21 4	21 20	21 15	9 51	7 18
W20	11 38	20 28	2 38	0 42	0 59	9 25	1 20	19 31	2 34	22 51	0 12	20 20	1 46	10 36	0 40	10 20	0 2	15 40	5 54	21 4	21 19	21 14	9 50	7 18
T 21	11 58	18 35	3 30	0 48	1 9	9 52	1 19	19 24	2 32	22 51	0 12	20 21	1 45	10 36	0 40	10 20	0 2	15 40	5 54	21 4	21 19	21 13	9 48	7 19
F 22	12 19	15 54	4 13	0 55	1 19	10 19	1 18	19 16	2 31	22 50	0 12	20 22	1 45	10 35	0 40	10 19	0 2	15 40	5 54	21 4	21 18	21 12	9 47	7 20
S 23	12 39	12 31	4 46	1 5	1 29	10 46	1 17	19 9	2 29	22 50	0 12	20 23	1 45	10 34	0 40	10 19	0 2	15 40	5 54	21 4	21 18	21 12	9 46	7 20
S 24	12 59	8 32	5 7	1 17	1 38	11 12	1 16	19 1	2 28	22 50	0 12	20 24	1 45	10 33	0 40	10 18	0 2	15 41	5 54	21 4	21 17	21 11	9 45	7 21
M25	13 18	4 5	5 13	1 30	1 46	11 38	1 14	18 53	2 26	22 49	0 12	20 25	1 45	10 32	0 40	10 18	0 2	15 41	5 53	21 4	21 17	21 10	9 44	7 21
T 26	13 38	0s41	5 4	1 45	1 54	12 4	1 13	18 45	2 25	22 49	0 12	20 26	1 45	10 31	0 40	10 17	0 2	15 41	5 53	21 3	21 16	21 9	9 43	7 22
W27	13 57	5 33	4 38	2 2	2 1	12 30	1 12	18 37	2 23	22 48	0 11	20 27	1 44	10 30	0 40	10 17	0 2	15 41	5 53	21 2	21 16	21 8	9 42	7 22
T 28	14 16	10 18	3 55	2 20	2 8	12 55	1 10	18 29	2 22	22 48	0 11	20 28	1 44	10 29	0 40	10 16	0 2	15 41	5 53	21 1	21 15	21 7	9 41	7 23
F 29	14 35	14 37	2 56	2 39	2 14	13 20	1 9	18 21	2 20	22 47	0 11	20 29	1 44	10 28	0 40	10 16	0 2	15 41	5 53	21 1	21 15	21 7	9 40	7 23
S 30	14n53	18s 8	1s45	3n 0	2s19	13n44	1s 7	18n12	2n19	22n47	0s11	20n30	1s44	10s27	0n40	10s16	0s 2	15n41	5s53	21s 0	21s14	21n 6	9s39	7n24

Julian Day Number = 3054285.5, Delta T = 02h28m12s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'29, Lahiri = 46°59'30

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

MAY 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 11	11♉37'28	0♐38	14♈17	11♉39	16♌ 4	8♋32	13♊36	29°R 9	3♓17	21♋44	5°D21	6♐39	1♋10	13♒ 1	S 1
M 2	14 43 8	12°36'35	15°24	15°29	12°53	16°29	8°43	13°43	29♎ 6	3°18	21°45	5♐21	6°36	1°17	13° 2	M 2
T 3	14 47 4	13°35'40	0♑ 6	16°43	14° 8	16°53	8°53	13°50	29° 4	3°19	21°45	5°22	6°33	1°24	13° 4	T 3
W 4	14 51 1	14°34'44	14°40	17°59	15°22	17°18	9° 4	13°57	29° 1	3°20	21°46	5°24	6°29	1°30	13° 5	W 4
T 5	14 54 58	15°33'45	29° 0	19°17	16°37	17°42	9°14	14° 4	28°59	3°21	21°47	5°25	6°26	1°37	13° 6	T 5
F 6	14 58 54	16°32'46	13♒ 6	20°37	17°51	18° 8	9°25	14°11	28°56	3°22	21°47	5°R26	6°23	1°44	13° 7	F 6
S 7	15 2 51	17°31'44	26°55	21°59	19° 5	18°33	9°36	14°18	28°54	3°23	21°48	5°25	6°20	1°50	13° 8	S 7
S 8	15 6 47	18°30'41	10♓27	23°23	20°20	18°58	9°47	14°26	28°51	3°24	21°49	5°24	6°17	1°57	13° 9	S 8
M 9	15 10 44	19°29'36	23°43	24°49	21°34	19°24	9°58	14°33	28°49	3°24	21°49	5°23	6°14	2° 4	13°10	M 9
T 10	15 14 40	20°28'29	6♈44	26°16	22°49	19°50	10°10	14°40	28°47	3°25	21°50	5°21	6°10	2°10	13°11	T 10
W11	15 18 37	21°27'21	19°30	27°45	24° 3	20°16	10°21	14°47	28°44	3°26	21°51	5°19	6° 7	2°17	13°11	W11
T 12	15 22 33	22°26'11	2♉ 4	29°16	25°17	20°43	10°32	14°54	28°42	3°27	21°52	5°17	6° 4	2°24	13°12	T 12
F 13	15 26 30	23°24'59	14°25	0♉48	26°32	21°10	10°44	15° 2	28°40	3°28	21°53	5°15	6° 1	2°30	13°12	F 13
S 14	15 30 26	24°23'46	26°36	2°23	27°46	21°36	10°55	15° 9	28°37	3°28	21°53	5°15	5°58	2°37	13°13	S 14
S 15	15 34 23	25°22'30	8♊38	3°58	29° 0	22° 3	11° 7	15°16	28°35	3°29	21°54	5°D15	5°54	2°44	13°13	S 15
M16	15 38 20	26°21'13	20°33	5°36	0♊14	22°31	11°19	15°24	28°33	3°30	21°55	5°15	5°51	2°50	13°13	M16
T 17	15 42 16	27°19'54	2♋23	7°15	1°29	22°58	11°30	15°31	28°31	3°30	21°56	5°16	5°48	2°57	13°13	T 17
W18	15 46 13	28°18'32	14°11	8°56	2°43	23°26	11°42	15°39	28°29	3°31	21°57	5°16	5°45	3° 4	13°14	W18
T 19	15 50 9	29°17'09	26° 0	10°39	3°57	23°53	11°54	15°46	28°26	3°31	21°58	5°17	5°42	3°10	13°R14	T 19
F 20	15 54 6	0♊15'44	7♌55	12°23	5°11	24°21	12° 6	15°53	28°24	3°32	21°59	5°18	5°39	3°17	13°14	F 20
S 21	15 58 2	1°14'16	20° 0	14° 9	6°26	24°50	12°18	16° 1	28°22	3°32	22° 0	5°18	5°35	3°24	13°13	S 21
S 22	16 1 59	2°12'46	2♍19	15°57	7°40	25°18	12°30	16° 8	28°20	3°33	22° 1	5°R18	5°32	3°30	13°13	S 22
M23	16 5 55	3°11'15	14°56	17°46	8°54	25°46	12°42	16°16	28°18	3°33	22° 2	5°18	5°29	3°37	13°13	M23
T 24	16 9 52	4° 9'41	27°56	19°37	10° 8	26°15	12°55	16°23	28°16	3°34	22° 3	5°18	5°26	3°44	13°13	T 24
W25	16 13 49	5° 8'05	11♎20	21°30	11°22	26°44	13° 7	16°31	28°14	3°34	22° 4	5°D18	5°23	3°50	13°12	W25
T 26	16 17 45	6° 6'27	25°12	23°25	12°36	27°13	13°19	16°39	28°12	3°34	22° 5	5°18	5°19	3°57	13°12	T 26
F 27	16 21 42	7° 4'48	9♏29	25°21	13°50	27°42	13°32	16°46	28°11	3°35	22° 6	5°18	5°16	4° 4	13°11	F 27
S 28	16 25 38	8° 3'06	24° 9	27°19	15° 4	28°11	13°44	16°54	28° 9	3°35	22° 7	5°18	5°13	4°10	13°10	S 28
S 29	16 29 35	9° 1'23	9♐ 5	29°19	16°18	28°40	13°57	17° 1	28° 7	3°35	22° 8	5°R18	5°10	4°17	13°10	S 29
M30	16 33 31	9°59'38	24°10	1♊20	17°32	29°10	14° 9	17° 9	28° 5	3°35	22° 9	5°18	5° 7	4°24	13° 9	M30
T 31	16 37 28	10♊57'52	9♑15	3♊23	18♊46	29♌40	14♋22	17♊17	28♎ 4	3♓35	22♋10	5♐18	5♐ 4	4♋30	13♒ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n11	20s32	0s26	3n22	2s24	14n 9	1s 6	18n 4	2n17	22n46	0s11	20n31	1s44	10s27	0n40	10s15	0s 2	15n41	5s52	21s 0	21s14	21n 5	9s38	7n25
M 2	15 29	21 31	0n55	3 46	2 28	14 33	1 4	17 55	2 16	22 46	0 11	20 32	1 44	10 26	0 40	10 15	0 2	15 41	5 52	21 0	21 13	21 4	9 37	7 25
T 3	15 47	21 1	2 12	4 10	2 32	14 56	1 3	17 46	2 14	22 45	0 11	20 33	1 44	10 25	0 40	10 14	0 3	15 41	5 52	21 0	21 13	21 3	9 36	7 26
W 4	16 4	19 7	3 20	4 36	2 35	15 19	1 1	17 38	2 13	22 45	0 11	20 34	1 43	10 24	0 40	10 14	0 3	15 41	5 52	21 1	21 12	21 2	9 36	7 26
T 5	16 21	16 1	4 15	5 3	2 38	15 42	0 59	17 29	2 12	22 44	0 10	20 35	1 43	10 23	0 40	10 14	0 3	15 42	5 52	21 1	21 11	21 1	9 35	7 27
F 6	16 38	12 3	4 52	5 30	2 40	16 5	0 58	17 20	2 10	22 43	0 10	20 35	1 43	10 22	0 40	10 13	0 3	15 42	5 51	21 1	21 11	21 0	9 34	7 27
S 7	16 55	7 31	5 13	5 59	2 42	16 27	0 56	17 11	2 9	22 43	0 10	20 36	1 43	10 21	0 40	10 13	0 3	15 42	5 51	21 1	21 10	21 0	9 33	7 28
S 8	17 11	2 43	5 15	6 29	2 43	16 48	0 54	17 1	2 8	22 42	0 10	20 37	1 43	10 21	0 40	10 13	0 3	15 42	5 51	21 1	21 10	20 59	9 32	7 29
M 9	17 27	2n 8	5 0	6 59	2 44	17 9	0 52	16 52	2 6	22 41	0 10	20 38	1 43	10 20	0 40	10 12	0 3	15 42	5 51	21 0	21 9	20 58	9 31	7 29
T 10	17 43	6 47	4 30	7 30	2 44	17 30	0 50	16 43	2 5	22 41	0 10	20 39	1 43	10 19	0 40	10 12	0 3	15 42	5 51	21 0	21 9	20 57	9 31	7 30
W11	17 58	11 4	3 47	8 2	2 43	17 50	0 48	16 33	2 4	22 40	0 10	20 40	1 43	10 18	0 40	10 12	0 3	15 42	5 51	21 0	21 8	20 56	9 30	7 30
T 12	18 13	14 48	2 54	8 35	2 42	18 10	0 46	16 24	2 2	22 39	0 10	20 41	1 42	10 17	0 40	10 12	0 3	15 42	5 50	20 59	21 8	20 55	9 29	7 31
F 13	18 28	17 49	1 53	9 8	2 41	18 29	0 44	16 14	2 1	22 38	0 9	20 42	1 42	10 17	0 40	10 11	0 3	15 42	5 50	20 59	21 7	20 54	9 29	7 32
S 14	18 42	20 0	0 48	9 42	2 39	18 48	0 42	16 4	2 0	22 38	0 9	20 43	1 42	10 16	0 40	10 11	0 3	15 42	5 50	20 59	21 7	20 53	9 28	7 32
S 15	18 56	21 14	0s19	10 17	2 36	19 7	0 40	15 54	1 58	22 37	0 9	20 44	1 42	10 15	0 40	10 11	0 3	15 42	5 50	20 59	21 6	20 52	9 27	7 33
M16	19 10	21 30	1 24	10 52	2 33	19 24	0 38	15 44	1 57	22 36	0 9	20 45	1 42	10 14	0 40	10 11	0 3	15 42	5 50	20 59	21 5	20 51	9 27	7 33
T 17	19 23	20 47	2 25	11 27	2 29	19 42	0 36	15 34	1 56	22 35	0 9	20 46	1 42	10 14	0 40	10 10	0 3	15 42	5 50	20 59	21 5	20 50	9 26	7 34
W18	19 36	19 10	3 20	12 3	2 25	19 58	0 33	15 24	1 55	22 34	0 9	20 46	1 42	10 13	0 40	10 10	0 3	15 42	5 50	20 59	21 4	20 50	9 25	7 34
T 19	19 49	16 43	4 6	12 39	2 21	20 14	0 31	15 14	1 54	22 33	0 9	20 47	1 42	10 12	0 40	10 10	0 3	15 42	5 49	21 0	21 4	20 49	9 25	7 35
F 20	20 1	13 34	4 42	13 16	2 16	20 30	0 29	15 3	1 52	22 32	0 9	20 48	1 42	10 11	0 40	10 10	0 3	15 42	5 49	21 0	21 3	20 48	9 24	7 36
S 21	20 13	9 49	5 7	13 52	2 10	20 45	0 27	14 53	1 51	22 31	0 9	20 49	1 41	10 11	0 40	10 10	0 3	15 42	5 49	21 0	21 3	20 47	9 24	7 36
S 22	20 25	5 37	5 17	14 29	2 4	21 0	0 24	14 42	1 50	22 30	0 8	20 50	1 41	10 10	0 40	10 10	0 3	15 42	5 49	21 0	21 2	20 46	9 23	7 37
M23	20 36	1 3	5 13	15 6	1 58	21 13	0 22	14 31	1 49	22 29	0 8	20 51	1 41	10 9	0 40	10 9	0 3	15 42	5 49	21 0	21 2	20 45	9 23	7 37
T 24	20 47	3s41	4 53	15 42	1 51	21 27	0 20	14 21	1 48	22 28	0 8	20 52	1 41	10 9	0 40	10 9	0 3	15 42	5 49	21 0	21 1	20 44	9 22	7 38
W25	20 58	8 24	4 17	16 19	1 43	21 39	0 17	14 10	1 46	22 27	0 8	20 52	1 41	10 8	0 40	10 9	0 3	15 42	5 48	21 0	21 0	20 43	9 22	7 38
T 26	21 8	12 51	3 25	16 55	1 36	21 51	0 15	13 59	1 45	22 26	0 8	20 53	1 41	10 7	0 40	10 9	0 3	15 42	5 48	21 0	21 0	20 42	9 22	7 39
F 27	21 18	16 43	2 19	17 31	1 27	22 3	0 13	13 48	1 44	22 25	0 8	20 54	1 41	10 7	0 40	10 9	0 3	15 42	5 48	21 0	20 59	20 41	9 21	7 39
S 28	21 27	19 38	1 2	18 6	1 19	22 14	0 10	13 37	1 43	22 24	0 8	20 55	1 41	10 6	0 40	10 9	0 3	15 42	5 48	21 0	20 59	20 40	9 21	7 40
S 29	21 36	21 16	0n21	18 41	1 10	22 24	0 8	13 25	1 42	22 23	0 8	20 56	1 41	10 6	0 40	10 9	0 3	15 42	5 48	21 0	20 58	20 39	9 21	7 41
M30	21 45	21 23	1 43	19 15	1 0	22 34	0 5	13 14	1 41	22 21	0 8	20 56	1 41	10 5	0 40	10 9	0 3	15 42	5 48	21 0	20 58	20 38	9 20	7 41
T 31	21n53	19s57	2n58	19n49	0s51	22n42	0s 3	13n 3	1n40	22n20	0s 7	20n57	1s41	10s 4	0n40	10s 9	0s 3	15n42	5s48	21s 0	20s57	20n37	9s20	7n42

Julian Day Number = 3054315.5, Delta T = 02h28m13s
Ecliptic obliquity = 23°13'34, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'34, Lahiri = 46°59'34

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

JUNE 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 41 25	11♊56'04	24♉11	5♊28	20♊ 0	0♍ 9	14♋35	17♊24	28°R 2	3♓36	22♋11	5°R17	5♐ 0	4♋37	13°R 7	W 1
T 2	16 45 21	12°54'15	8♒52	7°34	21°14	0°39	14°48	17°32	28♎ 0	3°36	22°13	5♐16	4°57	4°44	13♒ 6	T 2
F 3	16 49 18	13°52'24	23°11	9°41	22°28	1° 9	15° 0	17°40	27°59	3°36	22°14	5°15	4°54	4°50	13° 5	F 3
S 4	16 53 14	14°50'32	7♓ 6	11°49	23°42	1°40	15°13	17°47	27°57	3°R36	22°15	5°15	4°51	4°57	13° 4	S 4
S 5	16 57 11	15°48'38	20°37	13°58	24°56	2°10	15°26	17°55	27°56	3°36	22°16	5°D15	4°48	5° 4	13° 2	S 5
M 6	17 1 7	16°46'43	3♈46	16° 9	26°10	2°40	15°39	18° 2	27°54	3°36	22°17	5°15	4°45	5°10	13° 1	M 6
T 7	17 5 4	17°44'47	16°35	18°19	27°24	3°11	15°52	18°10	27°53	3°36	22°18	5°16	4°41	5°17	13° 0	T 7
W 8	17 9 0	18°42'50	29° 7	20°31	28°38	3°42	16° 5	18°18	27°52	3°36	22°20	5°17	4°38	5°24	12°58	W 8
T 9	17 12 57	19°40'52	11♉25	22°42	29°51	4°12	16°18	18°25	27°50	3°35	22°21	5°19	4°35	5°30	12°57	T 9
F 10	17 16 54	20°38'52	23°32	24°53	1♋ 5	4°43	16°31	18°33	27°49	3°35	22°22	5°19	4°32	5°37	12°55	F 10
S 11	17 20 50	21°36'51	5♊31	27° 3	2°19	5°14	16°45	18°41	27°48	3°35	22°23	5°R20	4°29	5°44	12°53	S 11
S 12	17 24 47	22°34'48	17°24	29°13	3°33	5°46	16°58	18°48	27°47	3°35	22°25	5°19	4°25	5°50	12°52	S 12
M13	17 28 43	23°32'44	29°14	1♋22	4°47	6°17	17°11	18°56	27°46	3°35	22°26	5°18	4°22	5°57	12°50	M13
T 14	17 32 40	24°30'39	11♋ 2	3°30	6° 0	6°48	17°24	19° 4	27°44	3°34	22°27	5°16	4°19	6° 4	12°48	T 14
W15	17 36 36	25°28'32	22°52	5°36	7°14	7°20	17°38	19°11	27°43	3°34	22°29	5°13	4°16	6°10	12°46	W15
T 16	17 40 33	26°26'24	4♌44	7°40	8°28	7°51	17°51	19°19	27°42	3°34	22°30	5° 9	4°13	6°17	12°44	T 16
F 17	17 44 29	27°24'14	16°42	9°42	9°42	8°23	18° 5	19°27	27°42	3°33	22°31	5° 6	4°10	6°24	12°42	F 17
S 18	17 48 26	28°22'03	28°49	11°42	10°55	8°55	18°18	19°34	27°41	3°33	22°33	5° 3	4° 6	6°30	12°40	S 18
S 19	17 52 23	29°19'50	11♍ 8	13°40	12° 9	9°27	18°31	19°42	27°40	3°32	22°34	5° 1	4° 3	6°37	12°37	S 19
M20	17 56 19	0♋17'36	23°43	15°35	13°23	9°59	18°45	19°49	27°39	3°32	22°35	5° 0	4° 0	6°44	12°35	M20
T 21	18 0 16	1°15'20	6♎38	17°27	14°36	10°31	18°58	19°57	27°38	3°31	22°37	4°D59	3°57	6°50	12°33	T 21
W22	18 4 12	2°13'02	19°55	19°17	15°50	11° 3	19°12	20° 4	27°38	3°31	22°38	5° 0	3°54	6°57	12°30	W22
T 23	18 8 9	3°10'44	3♏38	21° 5	17° 4	11°36	19°26	20°12	27°37	3°30	22°39	5° 2	3°51	7° 4	12°28	T 23
F 24	18 12 5	4° 8'23	17°47	22°49	18°17	12° 8	19°39	20°20	27°36	3°30	22°41	5° 3	3°47	7°10	12°25	F 24
S 25	18 16 2	5° 6'02	2♐22	24°30	19°31	12°40	19°53	20°27	27°36	3°29	22°42	5°R 4	3°44	7°17	12°23	S 25
S 26	18 19 58	6° 3'39	17°18	26° 9	20°44	13°13	20° 6	20°34	27°36	3°28	22°43	5° 3	3°41	7°24	12°20	S 26
M27	18 23 55	7° 1'15	2♑28	27°45	21°58	13°46	20°20	20°42	27°35	3°28	22°45	5° 2	3°38	7°30	12°18	M27
T 28	18 27 52	7°58'50	17°43	29°18	23°12	14°18	20°34	20°49	27°35	3°27	22°46	4°58	3°35	7°37	12°15	T 28
W29	18 31 48	8°56'24	2♒54	0♌47	24°25	14°51	20°47	20°57	27°34	3°26	22°48	4°54	3°31	7°44	12°12	W29
T 30	18 35 45	9♋53'57	17♒49	2♌14	25♋39	15♍24	21♋ 1	21♊ 4	27♎34	3♓25	22♋49	4♐49	3♐28	7♋50	12♒ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	17s 9	4n 0	20n21	0s41	22n51	0s 1	12n51	1n39	22n19	0s 7	20n58	1s41	10s 4	0n40	10s 9	0s 3	15n42	5s47	20s59	20s57	20n36	9s20	7n42
T 2	22 9	13 18	4 44	20 52	0 31	22 58	0n 2	12 40	1 37	22 18	0 7	20 59	1 40	10 3	0 40	10 9	0 3	15 42	5 47	20 59	20 56	20 35	9 19	7 43
F 3	22 16	8 46	5 10	21 22	0 21	23 5	0 4	12 28	1 36	22 16	0 7	21 0	1 40	10 3	0 40	10 9	0 3	15 42	5 47	20 59	20 55	20 34	9 19	7 43
S 4	22 22	3 54	5 17	21 50	0 10	23 11	0 7	12 16	1 35	22 15	0 7	21 0	1 40	10 2	0 40	10 9	0 3	15 42	5 47	20 59	20 55	20 33	9 19	7 44
S 5	22 29	1n 1	5 6	22 17	0n 0	23 17	0 9	12 5	1 34	22 14	0 7	21 1	1 40	10 2	0 39	10 9	0 3	15 42	5 47	20 59	20 54	20 32	9 19	7 44
M 6	22 35	5 46	4 39	22 41	0 11	23 22	0 12	11 53	1 33	22 12	0 7	21 2	1 40	10 1	0 39	10 9	0 3	15 42	5 47	20 59	20 54	20 31	9 19	7 45
T 7	22 40	10 8	3 59	23 4	0 21	23 26	0 14	11 41	1 32	22 11	0 7	21 2	1 40	10 1	0 39	10 9	0 3	15 42	5 47	20 59	20 53	20 30	9 19	7 45
W 8	22 45	13 59	3 8	23 25	0 31	23 30	0 17	11 29	1 31	22 9	0 7	21 3	1 40	10 0	0 39	10 9	0 3	15 41	5 47	21 0	20 53	20 29	9 19	7 46
T 9	22 50	17 10	2 9	23 43	0 42	23 32	0 19	11 17	1 30	22 8	0 7	21 4	1 40	10 0	0 39	10 9	0 3	15 41	5 46	21 0	20 52	20 28	9 19	7 46
F 10	22 54	19 32	1 5	23 59	0 51	23 35	0 21	11 5	1 29	22 6	0 6	21 5	1 40	10 0	0 39	10 9	0 3	15 41	5 46	21 0	20 51	20 27	9 18	7 47
S 11	22 58	21 1	0s 1	24 12	1 1	23 36	0 24	10 52	1 28	22 5	0 6	21 5	1 40	9 59	0 39	10 9	0 3	15 41	5 46	21 0	20 51	20 26	9 18	7 47
S 12	23 1	21 32	1 6	24 23	1 10	23 37	0 26	10 40	1 27	22 3	0 6	21 6	1 40	9 59	0 39	10 9	0 3	15 41	5 46	21 0	20 50	20 25	9 18	7 48
M13	23 4	21 5	2 8	24 31	1 18	23 37	0 29	10 28	1 26	22 2	0 6	21 7	1 40	9 58	0 39	10 9	0 3	15 41	5 46	21 0	20 50	20 24	9 19	7 48
T 14	23 7	19 42	3 5	24 37	1 26	23 36	0 31	10 15	1 25	22 0	0 6	21 7	1 40	9 58	0 39	10 9	0 3	15 41	5 46	20 59	20 49	20 23	9 19	7 49
W15	23 9	17 28	3 53	24 40	1 34	23 35	0 33	10 3	1 24	21 59	0 6	21 8	1 40	9 58	0 39	10 9	0 3	15 41	5 46	20 59	20 48	20 22	9 19	7 49
T 16	23 11	14 31	4 32	24 40	1 40	23 33	0 36	9 50	1 23	21 57	0 6	21 9	1 40	9 57	0 39	10 10	0 3	15 41	5 46	20 58	20 48	20 21	9 19	7 50
F 17	23 12	10 56	4 59	24 38	1 46	23 30	0 38	9 37	1 22	21 55	0 6	21 9	1 40	9 57	0 39	10 10	0 3	15 41	5 46	20 58	20 47	20 20	9 19	7 50
S 18	23 13	6 53	5 13	24 34	1 51	23 27	0 40	9 25	1 21	21 54	0 6	21 10	1 40	9 57	0 39	10 10	0 3	15 41	5 45	20 57	20 47	20 19	9 19	7 51
S 19	23 13	2 29	5 13	24 27	1 56	23 23	0 42	9 12	1 20	21 52	0 6	21 10	1 40	9 57	0 39	10 10	0 3	15 40	5 45	20 57	20 46	20 17	9 19	7 51
M20	23 14	2s 6	4 58	24 18	1 59	23 18	0 45	8 59	1 19	21 50	0 5	21 11	1 40	9 56	0 39	10 10	0 3	15 40	5 45	20 56	20 46	20 16	9 19	7 51
T 21	23 13	6 43	4 28	24 7	2 2	23 13	0 47	8 46	1 18	21 48	0 5	21 12	1 40	9 56	0 39	10 10	0 3	15 40	5 45	20 56	20 45	20 15	9 20	7 52
W22	23 12	11 10	3 43	23 54	2 4	23 6	0 49	8 33	1 17	21 47	0 5	21 12	1 40	9 56	0 39	10 11	0 3	15 40	5 45	20 57	20 44	20 14	9 20	7 52
T 23	23 11	15 11	2 44	23 40	2 6	23 0	0 51	8 20	1 16	21 45	0 5	21 13	1 40	9 56	0 39	10 11	0 3	15 40	5 45	20 57	20 44	20 13	9 20	7 53
F 24	23 10	18 29	1 33	23 23	2 6	22 52	0 53	8 7	1 15	21 43	0 5	21 13	1 40	9 56	0 39	10 11	0 3	15 40	5 45	20 57	20 43	20 12	9 20	7 53
S 25	23 8	20 41	0 15	23 5	2 6	22 44	0 55	7 54	1 14	21 41	0 5	21 14	1 40	9 55	0 39	10 11	0 3	15 40	5 45	20 57	20 43	20 11	9 21	7 53
S 26	23 5	21 31	1n 7	22 46	2 4	22 35	0 57	7 40	1 13	21 39	0 5	21 14	1 39	9 55	0 39	10 12	0 3	15 40	5 45	20 57	20 42	20 10	9 21	7 54
M27	23 2	20 48	2 24	22 26	2 2	22 26	0 59	7 27	1 13	21 37	0 5	21 15	1 39	9 55	0 39	10 12	0 3	15 39	5 45	20 57	20 41	20 9	9 21	7 54
T 28	22 59	18 33	3 32	22 4	2 0	22 16	1 1	7 14	1 12	21 35	0 5	21 15	1 39	9 55	0 39	10 12	0 3	15 39	5 45	20 56	20 41	20 8	9 22	7 54
W29	22 56	15 2	4 25	21 41	1 56	22 5	1 3	7 0	1 11	21 34	0 5	21 16	1 39	9 55	0 39	10 12	0 3	15 39	5 44	20 55	20 40	20 7	9 22	7 55
T 30	22n52	10s37	4n58	21n18	1n52	21n54	1n 5	6n47	1n10	21n32	0s 4	21n16	1s39	9s55	0n39	10s13	0s 3	15n39	5s44	20s54	20s40	20n 5	9s23	7n55

Julian Day Number = 3054346.5, Delta T = 02h28m14s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'38, Lahiri = 46°59'38

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

JULY 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 39 41	10♋51'29	2♓22	3♌38	26♋52	15♍57	21♋15	21♊12	27°R34	3°R25	22♋50	4°R44	3♐25	7♋57	12°R 7	F 1
S 2	18 43 38	11°49'01	16°28	4°58	28° 5	16°30	21°28	21°19	27♎34	3♓24	22°52	4♐40	3°22	8° 4	12♒ 4	S 2
S 3	18 47 34	12°46'32	0♈ 6	6°16	29°19	17° 4	21°42	21°26	27°34	3°23	22°53	4°38	3°19	8°10	12° 1	S 3
M 4	18 51 31	13°44'02	13°16	7°30	0♌32	17°37	21°56	21°34	27°D34	3°22	22°55	4°D37	3°16	8°17	11°58	M 4
T 5	18 55 27	14°41'31	26° 2	8°41	1°46	18°10	22°10	21°41	27°34	3°21	22°56	4°38	3°12	8°24	11°55	T 5
W 6	18 59 24	15°39'01	8♉28	9°49	2°59	18°44	22°24	21°48	27°34	3°20	22°58	4°39	3° 9	8°30	11°52	W 6
T 7	19 3 21	16°36'29	20°38	10°54	4°13	19°17	22°37	21°55	27°34	3°19	22°59	4°41	3° 6	8°37	11°49	T 7
F 8	19 7 17	17°33'57	2♊37	11°55	5°26	19°51	22°51	22° 3	27°34	3°18	23° 0	4°R42	3° 3	8°44	11°45	F 8
S 9	19 11 14	18°31'25	14°29	12°52	6°39	20°24	23° 5	22°10	27°34	3°17	23° 2	4°41	3° 0	8°50	11°42	S 9
S 10	19 15 10	19°28'52	26°18	13°46	7°53	20°58	23°19	22°17	27°35	3°16	23° 3	4°39	2°57	8°57	11°39	S 10
M11	19 19 7	20°26'18	8♋ 5	14°37	9° 6	21°32	23°33	22°24	27°35	3°15	23° 5	4°34	2°53	9° 4	11°36	M11
T 12	19 23 3	21°23'44	19°55	15°23	10°19	22° 6	23°46	22°31	27°35	3°14	23° 6	4°28	2°50	9°10	11°32	T 12
W13	19 27 0	22°21'09	1♌48	16° 6	11°33	22°40	24° 0	22°38	27°36	3°13	23° 8	4°20	2°47	9°17	11°29	W13
T 14	19 30 57	23°18'33	13°47	16°45	12°46	23°14	24°14	22°45	27°36	3°12	23° 9	4°11	2°44	9°24	11°26	T 14
F 15	19 34 53	24°15'57	25°53	17°19	13°59	23°48	24°28	22°52	27°37	3°11	23°11	4° 1	2°41	9°30	11°22	F 15
S 16	19 38 50	25°13'20	8♍ 8	17°50	15°12	24°22	24°42	22°59	27°37	3° 9	23°12	3°53	2°37	9°37	11°19	S 16
S 17	19 42 46	26°10'42	20°33	18°16	16°26	24°57	24°55	23° 6	27°38	3° 8	23°13	3°46	2°34	9°44	11°15	S 17
M18	19 46 43	27° 8'04	3♎12	18°38	17°39	25°31	25° 9	23°12	27°39	3° 7	23°15	3°41	2°31	9°50	11°12	M18
T 19	19 50 39	28° 5'24	16° 6	18°56	18°52	26° 5	25°23	23°19	27°39	3° 6	23°16	3°39	2°28	9°57	11° 9	T 19
W20	19 54 36	29° 2'44	29°19	19° 9	20° 5	26°40	25°37	23°26	27°40	3° 4	23°18	3°D38	2°25	10° 4	11° 5	W20
T 21	19 58 32	0♏ 0'04	12♏53	19°17	21°18	27°14	25°51	23°33	27°41	3° 3	23°19	3°38	2°22	10°10	11° 2	T 21
F 22	20 2 29	0°57'23	26°51	19°R21	22°31	27°49	26° 4	23°39	27°42	3° 2	23°21	3°R39	2°18	10°17	10°58	F 22
S 23	20 6 26	1°54'41	11♐13	19°20	23°44	28°24	26°18	23°46	27°43	3° 1	23°22	3°39	2°15	10°24	10°54	S 23
S 24	20 10 22	2°51'59	25°56	19°14	24°57	28°58	26°32	23°52	27°44	2°59	23°23	3°37	2°12	10°30	10°51	S 24
M25	20 14 19	3°49'16	10♑56	19° 4	26°10	29°33	26°46	23°59	27°45	2°58	23°25	3°33	2° 9	10°37	10°47	M25
T 26	20 18 15	4°46'33	26° 6	18°50	27°23	0♎ 8	26°59	24° 5	27°46	2°57	23°26	3°27	2° 6	10°44	10°44	T 26
W27	20 22 12	5°43'50	11♒15	18°32	28°36	0°43	27°13	24°12	27°47	2°55	23°28	3°18	2° 3	10°50	10°40	W27
T 28	20 26 8	6°41'06	26°13	18° 9	29°49	1°18	27°27	24°18	27°49	2°54	23°29	3° 9	1°59	10°57	10°37	T 28
F 29	20 30 5	7°38'22	10♓52	17°43	1♍ 2	1°53	27°40	24°24	27°50	2°52	23°31	3° 0	1°56	11° 4	10°33	F 29
S 30	20 34 1	8°35'39	25° 5	17°14	2°15	2°28	27°54	24°31	27°51	2°51	23°32	2°52	1°53	11°10	10°29	S 30
S 31	20 37 58	9♌32'55	8♈49	16♌42	3♍28	3♎ 4	28♋ 8	24♊37	27♎53	2♓49	23♋33	2♐46	1♐50	11♋17	10♒26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n47	5s41	5n11	20n54	1n46	21n42	1n 7	6n33	1n 9	21n30	0s 4	21n17	1s39	9s55	0n38	10s13	0s 3	15n39	5s44	20s54	20s39	20n 4	9s23	7n55
S 2	22 42	0 36	5 5	20 29	1 40	21 29	1 9	6 20	1 8	21 28	0 4	21 17	1 39	9 55	0 38	10 13	0 3	15 39	5 44	20 53	20 38	20 3	9 24	7 56
S 3	22 37	4n21	4 42	20 3	1 34	21 16	1 11	6 6	1 7	21 25	0 4	21 18	1 39	9 55	0 38	10 14	0 3	15 39	5 44	20 53	20 38	20 2	9 24	7 56
M 4	22 31	8 56	4 4	19 37	1 26	21 2	1 12	5 52	1 6	21 23	0 4	21 18	1 39	9 55	0 38	10 14	0 3	15 38	5 44	20 52	20 37	20 1	9 25	7 56
T 5	22 25	13 0	3 15	19 11	1 18	20 47	1 14	5 39	1 5	21 21	0 4	21 19	1 39	9 55	0 38	10 14	0 3	15 38	5 44	20 52	20 37	20 0	9 25	7 57
W 6	22 19	16 23	2 18	18 45	1 9	20 32	1 16	5 25	1 5	21 19	0 4	21 19	1 39	9 55	0 38	10 15	0 3	15 38	5 44	20 53	20 36	19 59	9 26	7 57
T 7	22 12	18 58	1 16	18 18	1 0	20 17	1 17	5 11	1 4	21 17	0 4	21 20	1 39	9 55	0 38	10 15	0 3	15 38	5 44	20 53	20 35	19 58	9 26	7 57
F 8	22 5	20 41	0 11	17 52	0 50	20 1	1 19	4 57	1 3	21 15	0 4	21 20	1 39	9 55	0 38	10 15	0 3	15 38	5 44	20 53	20 35	19 56	9 27	7 58
S 9	21 57	21 27	0s53	17 25	0 39	19 44	1 20	4 43	1 2	21 13	0 4	21 20	1 40	9 55	0 38	10 16	0 3	15 38	5 44	20 53	20 34	19 55	9 27	7 58
S 10	21 50	21 16	1 54	16 59	0 27	19 27	1 21	4 29	1 1	21 10	0 4	21 21	1 40	9 55	0 38	10 16	0 3	15 37	5 44	20 53	20 34	19 54	9 28	7 58
M11	21 41	20 8	2 51	16 33	0 15	19 9	1 23	4 15	1 0	21 8	0 3	21 21	1 40	9 56	0 38	10 17	0 3	15 37	5 44	20 52	20 33	19 53	9 29	7 58
T 12	21 32	18 8	3 40	16 7	0 3	18 51	1 24	4 1	0 59	21 6	0 3	21 22	1 40	9 56	0 38	10 17	0 3	15 37	5 44	20 51	20 32	19 52	9 29	7 58
W13	21 23	15 22	4 19	15 42	0s10	18 32	1 25	3 47	0 59	21 4	0 3	21 22	1 40	9 56	0 38	10 17	0 3	15 37	5 44	20 49	20 32	19 51	9 30	7 59
T 14	21 14	11 56	4 48	15 18	0 24	18 13	1 26	3 33	0 58	21 1	0 3	21 22	1 40	9 56	0 38	10 18	0 3	15 37	5 44	20 48	20 31	19 50	9 31	7 59
F 15	21 4	8 0	5 4	14 54	0 38	17 53	1 28	3 19	0 57	20 59	0 3	21 23	1 40	9 56	0 38	10 18	0 3	15 37	5 43	20 46	20 31	19 48	9 31	7 59
S 16	20 54	3 43	5 6	14 30	0 53	17 33	1 29	3 5	0 56	20 57	0 3	21 23	1 40	9 57	0 38	10 19	0 3	15 36	5 43	20 44	20 30	19 47	9 32	7 59
S 17	20 44	0s48	4 54	14 8	1 8	17 12	1 30	2 50	0 55	20 54	0 3	21 23	1 40	9 57	0 38	10 19	0 3	15 36	5 43	20 43	20 29	19 46	9 33	7 59
M18	20 33	5 21	4 27	13 47	1 23	16 51	1 31	2 36	0 54	20 52	0 3	21 24	1 40	9 57	0 38	10 19	0 3	15 36	5 43	20 42	20 29	19 45	9 34	7 59
T 19	20 22	9 46	3 47	13 27	1 39	16 29	1 31	2 22	0 54	20 50	0 3	21 24	1 40	9 58	0 38	10 20	0 3	15 36	5 43	20 42	20 28	19 44	9 34	8 0
W20	20 10	13 50	2 53	13 8	1 55	16 7	1 32	2 7	0 53	20 47	0 3	21 24	1 40	9 58	0 38	10 20	0 3	15 36	5 43	20 41	20 27	19 43	9 35	8 0
T 21	19 58	17 18	1 49	12 50	2 11	15 44	1 33	1 53	0 52	20 45	0 3	21 24	1 40	9 58	0 38	10 21	0 3	15 35	5 43	20 42	20 27	19 41	9 36	8 0
F 22	19 46	19 52	0 36	12 34	2 27	15 22	1 34	1 39	0 51	20 42	0 2	21 25	1 40	9 59	0 38	10 21	0 3	15 35	5 43	20 42	20 26	19 40	9 37	8 0
S 23	19 33	21 15	0n40	12 19	2 43	14 58	1 34	1 24	0 50	20 40	0 2	21 25	1 40	9 59	0 38	10 22	0 3	15 35	5 43	20 42	20 26	19 39	9 38	8 0
S 24	19 21	21 14	1 56	12 5	2 59	14 34	1 35	1 10	0 50	20 37	0 2	21 25	1 40	9 59	0 38	10 22	0 3	15 35	5 43	20 41	20 25	19 38	9 38	8 0
M25	19 7	19 42	3 6	11 54	3 14	14 10	1 35	0 55	0 49	20 35	0 2	21 25	1 40	10 0	0 37	10 23	0 3	15 35	5 43	20 41	20 24	19 37	9 39	8 0
T 26	18 54	16 46	4 2	11 44	3 29	13 46	1 35	0 41	0 48	20 32	0 2	21 26	1 40	10 0	0 37	10 23	0 3	15 34	5 43	20 39	20 24	19 35	9 40	8 0
W27	18 40	12 43	4 42	11 36	3 43	13 21	1 36	0 26	0 47	20 30	0 2	21 26	1 40	10 1	0 37	10 24	0 3	15 34	5 43	20 38	20 23	19 34	9 41	8 0
T 28	18 26	7 55	5 2	11 29	3 57	12 56	1 36	0 12	0 47	20 27	0 2	21 26	1 40	10 1	0 37	10 24	0 4	15 34	5 43	20 36	20 22	19 33	9 42	8 0
F 29	18 12	2 46	5 1	11 25	4 10	12 31	1 36	0s 3	0 46	20 25	0 2	21 26	1 40	10 2	0 37	10 25	0 4	15 34	5 43	20 34	20 22	19 32	9 43	8 0
S 30	17 57	2n23	4 42	11 22	4 22	12 5	1 36	0 17	0 45	20 22	0 2	21 27	1 40	10 2	0 37	10 25	0 4	15 34	5 43	20 33	20 21	19 30	9 44	8 0
S 31	17n42	7n15	4n 6	11n21	4s33	11n39	1n36	0s32	0n44	20n19	0s 2	21n27	1s40	10s 3	0n37	10s26	0s 4	15n33	5s43	20s32	20s21	19n29	9s45	8n 0

Julian Day Number = 3054376.5, Delta T = 02h28m15s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'42, Lahiri = 46°59'43

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

AUGUST 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 41 55	10♌30'12	22♈ 4	16°R 7	4♍41	3♎39	28♋21	24♊43	27♎54	2°R48	23♋35	2°R43	1♐47	11♋24	10°R22	M 1
T 2	20 45 51	11°27'29	4♉52	15♌31	5°54	4°14	28°35	24°49	27°55	2♓46	23°36	2♐41	1°43	11°30	10♒19	T 2
W 3	20 49 48	12°24'46	17°18	14°53	7° 7	4°50	28°49	24°55	27°57	2°45	23°38	2°D41	1°40	11°37	10°15	W 3
T 4	20 53 44	13°22'03	29°27	14°15	8°19	5°25	29° 2	25° 1	27°59	2°43	23°39	2°R42	1°37	11°44	10°11	T 4
F 5	20 57 41	14°19'21	11♊23	13°37	9°32	6° 1	29°16	25° 7	28° 0	2°42	23°40	2°41	1°34	11°51	10° 8	F 5
S 6	21 1 37	15°16'39	23°13	13° 0	10°45	6°36	29°29	25°13	28° 2	2°40	23°42	2°39	1°31	11°57	10° 4	S 6
S 7	21 5 34	16°13'58	5♋ 1	12°24	11°58	7°12	29°43	25°19	28° 4	2°39	23°43	2°35	1°28	12° 4	10° 1	S 7
M 8	21 9 30	17°11'17	16°50	11°50	13°10	7°48	29°56	25°24	28° 5	2°37	23°44	2°28	1°24	12°11	9°57	M 8
T 9	21 13 27	18° 8'36	28°43	11°18	14°23	8°23	0♌10	25°30	28° 7	2°36	23°46	2°19	1°21	12°17	9°53	T 9
W10	21 17 24	19° 5'55	10♌44	10°50	15°36	8°59	0°23	25°36	28° 9	2°34	23°47	2° 7	1°18	12°24	9°50	W10
T 11	21 21 20	20° 3'15	22°52	10°26	16°48	9°35	0°36	25°41	28°11	2°33	23°48	1°54	1°15	12°31	9°46	T 11
F 12	21 25 17	21° 0'35	5♍10	10° 6	18° 1	10°11	0°50	25°47	28°13	2°31	23°50	1°41	1°12	12°37	9°43	F 12
S 13	21 29 13	21°57'55	17°38	9°50	19°14	10°47	1° 3	25°52	28°15	2°29	23°51	1°29	1° 9	12°44	9°39	S 13
S 14	21 33 10	22°55'16	0♎17	9°39	20°26	11°23	1°16	25°57	28°17	2°28	23°52	1°19	1° 5	12°51	9°36	S 14
M15	21 37 6	23°52'36	13° 7	9°34	21°39	11°59	1°30	26° 3	28°19	2°26	23°53	1°11	1° 2	12°57	9°32	M15
T 16	21 41 3	24°49'57	26°10	9°D34	22°51	12°36	1°43	26° 8	28°21	2°25	23°55	1° 6	0°59	13° 4	9°29	T 16
W17	21 44 59	25°47'18	9♏26	9°39	24° 4	13°12	1°56	26°13	28°23	2°23	23°56	1° 4	0°56	13°11	9°26	W17
T 18	21 48 56	26°44'39	22°59	9°50	25°16	13°48	2° 9	26°18	28°25	2°21	23°57	1° 3	0°53	13°17	9°22	T 18
F 19	21 52 53	27°42'01	6♐49	10° 8	26°28	14°24	2°22	26°23	28°28	2°20	23°59	1° 3	0°49	13°24	9°19	F 19
S 20	21 56 49	28°39'22	20°58	10°31	27°41	15° 1	2°35	26°28	28°30	2°18	24° 0	1° 2	0°46	13°31	9°16	S 20
S 21	22 0 46	29°36'44	5♑25	11° 0	28°53	15°37	2°48	26°33	28°32	2°17	24° 1	1° 0	0°43	13°37	9°12	S 21
M22	22 4 42	0♍34'07	20° 6	11°35	0♎ 5	16°14	3° 1	26°37	28°35	2°15	24° 2	0°55	0°40	13°44	9° 9	M22
T 23	22 8 39	1°31'29	4♒57	12°16	1°18	16°51	3°14	26°42	28°37	2°13	24° 3	0°47	0°37	13°51	9° 6	T 23
W24	22 12 35	2°28'52	19°50	13° 3	2°30	17°27	3°27	26°47	28°40	2°12	24° 5	0°37	0°34	13°57	9° 3	W24
T 25	22 16 32	3°26'16	4♓36	13°55	3°42	18° 4	3°40	26°51	28°42	2°10	24° 6	0°26	0°30	14° 4	9° 0	T 25
F 26	22 20 28	4°23'40	19° 8	14°54	4°54	18°41	3°52	26°55	28°45	2° 8	24° 7	0°15	0°27	14°11	8°56	F 26
S 27	22 24 25	5°21'05	3♈17	15°58	6° 6	19°18	4° 5	27° 0	28°47	2° 7	24° 8	0° 5	0°24	14°17	8°53	S 27
S 28	22 28 22	6°18'31	17° 0	17° 7	7°18	19°54	4°18	27° 4	28°50	2° 5	24° 9	29♏57	0°21	14°24	8°50	S 28
M29	22 32 18	7°15'58	0♉16	18°22	8°30	20°31	4°30	27° 8	28°52	2° 3	24°10	29°52	0°18	14°31	8°47	M29
T 30	22 36 15	8°13'26	13° 7	19°42	9°42	21° 8	4°43	27°12	28°55	2° 2	24°11	29°50	0°15	14°38	8°44	T 30
W31	22 40 11	9♍10'55	25♉35	21♌ 7	10♎54	21♎45	4♌55	27♊16	28♎58	2♓ 0	24♋12	29°D49	0♐11	14♋44	8♒42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n27	11n36	3n19	11n22	4s42	11n12	1n36	0s46	0n43	20n17	0s 2	21n27	1s40	10s 3	0n37	10s26	0s 4	15n33	5s43	20s31	20s20	19n28	9s46	8n 0
T 2	17 11	15 16	2 23	11 25	4 50	10 46	1 36	1 1	0 43	20 14	0 1	21 27	1 40	10 4	0 37	10 27	0 4	15 33	5 43	20 31	20 19	19 27	9 47	8 0
W 3	16 56	18 9	1 21	11 29	4 57	10 19	1 36	1 16	0 42	20 12	0 1	21 27	1 41	10 4	0 37	10 28	0 4	15 33	5 43	20 31	20 19	19 26	9 48	8 0
T 4	16 40	20 8	0 17	11 35	5 2	9 51	1 36	1 30	0 41	20 9	0 1	21 27	1 41	10 5	0 37	10 28	0 4	15 32	5 43	20 31	20 18	19 24	9 49	8 0
F 5	16 23	21 11	0s46	11 42	5 5	9 24	1 35	1 45	0 40	20 6	0 1	21 28	1 41	10 6	0 37	10 29	0 4	15 32	5 43	20 31	20 17	19 23	9 50	8 0
S 6	16 7	21 16	1 47	11 51	5 7	8 56	1 35	1 59	0 40	20 3	0 1	21 28	1 41	10 6	0 37	10 29	0 4	15 32	5 43	20 30	20 17	19 22	9 51	8 0
S 7	15 50	20 25	2 43	12 1	5 7	8 28	1 34	2 14	0 39	20 1	0 1	21 28	1 41	10 7	0 37	10 30	0 4	15 32	5 43	20 30	20 16	19 21	9 52	8 0
M 8	15 33	18 41	3 31	12 12	5 5	8 0	1 34	2 29	0 38	19 58	0 1	21 28	1 41	10 7	0 37	10 30	0 4	15 32	5 43	20 28	20 16	19 19	9 53	8 0
T 9	15 15	16 8	4 11	12 23	5 2	7 32	1 33	2 43	0 37	19 55	0 1	21 28	1 41	10 8	0 37	10 31	0 4	15 31	5 43	20 26	20 15	19 18	9 54	8 0
W10	14 58	12 53	4 40	12 35	4 57	7 3	1 32	2 58	0 37	19 53	0 1	21 28	1 41	10 9	0 37	10 31	0 4	15 31	5 43	20 24	20 14	19 17	9 55	8 0
T 11	14 40	9 5	4 57	12 48	4 50	6 34	1 32	3 13	0 36	19 50	0 1	21 28	1 41	10 10	0 37	10 32	0 4	15 31	5 43	20 21	20 14	19 16	9 56	7 59
F 12	14 22	4 52	5 0	13 1	4 43	6 5	1 31	3 27	0 35	19 47	0 1	21 28	1 41	10 10	0 37	10 33	0 4	15 31	5 43	20 19	20 13	19 14	9 57	7 59
S 13	14 4	0 24	4 49	13 14	4 33	5 36	1 30	3 42	0 35	19 44	0 0	21 28	1 41	10 11	0 37	10 33	0 4	15 30	5 43	20 16	20 12	19 13	9 58	7 59
S 14	13 45	4s 9	4 24	13 27	4 23	5 7	1 29	3 57	0 34	19 41	0 0	21 29	1 41	10 12	0 37	10 34	0 4	15 30	5 43	20 14	20 12	19 12	9 59	7 59
M15	13 27	8 35	3 45	13 39	4 11	4 38	1 28	4 11	0 33	19 39	0 0	21 29	1 41	10 13	0 37	10 34	0 4	15 30	5 43	20 13	20 11	19 10	10 0	7 59
T 16	13 8	12 42	2 53	13 51	3 59	4 8	1 26	4 26	0 32	19 36	0 0	21 29	1 42	10 13	0 37	10 35	0 4	15 30	5 43	20 12	20 10	19 9	10 1	7 59
W17	12 49	16 16	1 52	14 3	3 46	3 39	1 25	4 41	0 32	19 33	0 0	21 29	1 42	10 14	0 37	10 35	0 4	15 30	5 43	20 11	20 10	19 8	10 2	7 58
T 18	12 29	19 2	0 43	14 13	3 32	3 9	1 24	4 55	0 31	19 30	0 0	21 29	1 42	10 15	0 37	10 36	0 4	15 29	5 43	20 11	20 9	19 7	10 3	7 58
F 19	12 10	20 45	0n30	14 23	3 17	2 39	1 23	5 10	0 30	19 27	0n 0	21 29	1 42	10 16	0 37	10 37	0 4	15 29	5 43	20 11	20 8	19 5	10 4	7 58
S 20	11 50	21 12	1 43	14 31	3 2	2 9	1 21	5 25	0 29	19 25	0 0	21 29	1 42	10 17	0 37	10 37	0 4	15 29	5 43	20 11	20 8	19 4	10 5	7 58
S 21	11 30	20 16	2 51	14 39	2 47	1 39	1 19	5 39	0 29	19 22	0 0	21 29	1 42	10 17	0 36	10 38	0 4	15 29	5 43	20 11	20 7	19 3	10 6	7 57
M22	11 10	17 58	3 48	14 44	2 31	1 9	1 18	5 54	0 28	19 19	0 0	21 29	1 42	10 18	0 36	10 38	0 4	15 28	5 43	20 10	20 6	19 1	10 7	7 57
T 23	10 50	14 28	4 31	14 48	2 15	0 39	1 16	6 8	0 27	19 16	0 0	21 29	1 42	10 19	0 36	10 39	0 4	15 28	5 43	20 8	20 6	19 0	10 8	7 57
W24	10 30	10 3	4 55	14 51	1 59	0 9	1 14	6 23	0 27	19 13	0 1	21 29	1 42	10 20	0 36	10 40	0 4	15 28	5 43	20 6	20 5	18 59	10 9	7 57
T 25	10 9	5 4	5 0	14 51	1 43	0s21	1 13	6 37	0 26	19 10	0 1	21 29	1 42	10 21	0 36	10 40	0 4	15 28	5 43	20 4	20 5	18 57	10 11	7 56
F 26	9 49	0n 6	4 45	14 50	1 27	0 51	1 11	6 52	0 25	19 7	0 1	21 29	1 42	10 22	0 36	10 41	0 4	15 28	5 43	20 1	20 4	18 56	10 12	7 56
S 27	9 28	5 9	4 12	14 46	1 12	1 21	1 9	7 6	0 25	19 5	0 1	21 29	1 43	10 23	0 36	10 41	0 4	15 27	5 43	19 59	20 3	18 55	10 13	7 56
S 28	9 7	9 48	3 26	14 40	0 56	1 51	1 7	7 21	0 24	19 2	0 1	21 29	1 43	10 24	0 36	10 42	0 4	15 27	5 43	19 58	20 3	18 54	10 14	7 55
M29	8 46	13 48	2 30	14 32	0 41	2 21	1 4	7 35	0 23	18 59	0 1	21 29	1 43	10 25	0 36	10 43	0 4	15 27	5 43	19 57	20 2	18 52	10 15	7 55
T 30	8 25	17 1	1 27	14 21	0 27	2 51	1 2	7 50	0 23	18 56	0 1	21 29	1 43	10 26	0 36	10 43	0 4	15 27	5 43	19 56	20 1	18 51	10 16	7 55
W31	8n 3	19n21	0n22	14n 8	0s13	3s21	1n 0	8s 4	0n22	18n53	0n 1	21n29	1s43	10s27	0n36	10s44	0s 4	15n26	5s43	19s56	20s 1	18n50	10s17	7n54

Julian Day Number = 3054407.5, Delta T = 02h28m16s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'46, Lahiri = 46°59'47

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

SEPTEMBER 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 44 8	10♍ 8'26	7♊45	22♌37	12♎ 6	22♎23	5♌ 8	27♊20	29♎ 1	1°R59	24♋13	29°R49	0♐ 8	14♋51	8°R39	T 1
F 2	22 48 4	11° 5'57	19°43	24°11	13°18	23° 0	5°20	27°24	29° 3	1♓57	24°15	29♏49	0° 5	14°58	8♒36	F 2
S 3	22 52 1	12° 3'30	1♋34	25°50	14°30	23°37	5°32	27°28	29° 6	1°55	24°16	29°47	0° 2	15° 4	8°33	S 3
S 4	22 55 57	13° 1'04	13°23	27°33	15°42	24°14	5°45	27°31	29° 9	1°54	24°17	29°44	29♏59	15°11	8°31	S 4
M 5	22 59 54	13°58'39	25°15	29°19	16°53	24°52	5°57	27°35	29°12	1°52	24°18	29°37	29°55	15°18	8°28	M 5
T 6	23 3 51	14°56'15	7♌13	1♍ 8	18° 5	25°29	6° 9	27°38	29°15	1°51	24°19	29°29	29°52	15°24	8°25	T 6
W 7	23 7 47	15°53'53	19°21	3° 0	19°17	26° 6	6°21	27°42	29°18	1°49	24°20	29°18	29°49	15°31	8°23	W 7
T 8	23 11 44	16°51'31	1♍41	4°55	20°28	26°44	6°33	27°45	29°21	1°48	24°21	29° 6	29°46	15°38	8°20	T 8
F 9	23 15 40	17°49'11	14°13	6°51	21°40	27°22	6°45	27°48	29°24	1°46	24°21	28°53	29°43	15°44	8°18	F 9
S 10	23 19 37	18°46'52	26°58	8°50	22°51	27°59	6°57	27°51	29°27	1°44	24°22	28°42	29°40	15°51	8°15	S 10
S 11	23 23 33	19°44'34	9♎56	10°49	24° 3	28°37	7° 9	27°54	29°30	1°43	24°23	28°32	29°36	15°58	8°13	S 11
M12	23 27 30	20°42'17	23° 5	12°50	25°14	29°15	7°20	27°57	29°33	1°41	24°24	28°25	29°33	16° 4	8°11	M12
T 13	23 31 26	21°40'01	6♏25	14°51	26°26	29°52	7°32	28° 0	29°36	1°40	24°25	28°21	29°30	16°11	8° 9	T 13
W14	23 35 23	22°37'46	19°56	16°52	27°37	0♏30	7°43	28° 3	29°40	1°38	24°26	28°19	29°27	16°18	8° 7	W14
T 15	23 39 19	23°35'32	3♐37	18°53	28°49	1° 8	7°55	28° 6	29°43	1°37	24°27	28°D18	29°24	16°24	8° 5	T 15
F 16	23 43 16	24°33'20	17°30	20°54	29°59	1°46	8° 6	28° 8	29°46	1°35	24°28	28°R19	29°20	16°31	8° 3	F 16
S 17	23 47 13	25°31'08	1♑34	22°55	1♏11	2°24	8°18	28°11	29°49	1°34	24°28	28°19	29°17	16°38	8° 1	S 17
S 18	23 51 9	26°28'57	15°48	24°55	2°22	3° 2	8°29	28°13	29°53	1°32	24°29	28°17	29°14	16°45	7°59	S 18
M19	23 55 6	27°26'47	0♒10	26°54	3°33	3°41	8°40	28°15	29°56	1°31	24°30	28°14	29°11	16°51	7°57	M19
T 20	23 59 2	28°24'38	14°38	28°52	4°44	4°19	8°51	28°17	29°59	1°30	24°31	28° 8	29° 8	16°58	7°55	T 20
W21	0 2 59	29°22'31	29° 6	0♎50	5°55	4°57	9° 2	28°19	0♏ 3	1°28	24°31	28° 0	29° 5	17° 5	7°54	W21
T 22	0 6 55	0♎20'24	13♓28	2°46	7° 6	5°35	9°13	28°21	0° 6	1°27	24°32	27°51	29° 1	17°11	7°52	T 22
F 23	0 10 52	1°18'19	27°38	4°41	8°17	6°14	9°24	28°23	0° 9	1°25	24°33	27°42	28°58	17°18	7°50	F 23
S 24	0 14 48	2°16'15	11♈32	6°35	9°28	6°52	9°34	28°25	0°13	1°24	24°33	27°34	28°55	17°25	7°49	S 24
S 25	0 18 45	3°14'13	25° 4	8°28	10°39	7°30	9°45	28°26	0°16	1°23	24°34	27°28	28°52	17°31	7°47	S 25
M26	0 22 42	4°12'12	8♉14	10°19	11°50	8° 9	9°56	28°28	0°20	1°21	24°35	27°24	28°49	17°38	7°46	M26
T 27	0 26 38	5°10'13	21° 2	12° 9	13° 0	8°48	10° 6	28°29	0°23	1°20	24°35	27°22	28°46	17°45	7°45	T 27
W28	0 30 35	6° 8'16	3♊30	13°58	14°11	9°26	10°16	28°31	0°27	1°19	24°36	27°D22	28°42	17°51	7°44	W28
T 29	0 34 31	7° 6'21	15°42	15°46	15°22	10° 5	10°27	28°32	0°30	1°18	24°36	27°23	28°39	17°58	7°43	T 29
F 30	0 38 28	8♎ 4'27	27♊41	17♎33	16♏32	10♏44	10♌37	28♊33	0♏34	1♓16	24♋37	27♏24	28♏36	18♋ 5	7♒42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n42	20n43	0s42	13n52	0n 1	3s51	0n58	8s18	0n21	18n50	0n 1	21n29	1s43	10s28	0n36	10s44	0s 4	15n26	5s43	19s56	20s 0	18n48	10s18	7n54
F 2	7 20	21 7	1 44	13 33	0 14	4 21	0 55	8 33	0 20	18 47	0 1	21 29	1 43	10 29	0 36	10 45	0 4	15 26	5 44	19 56	19 59	18 47	10 19	7 54
S 3	6 59	20 33	2 40	13 12	0 26	4 51	0 53	8 47	0 20	18 44	0 1	21 29	1 43	10 30	0 36	10 45	0 4	15 26	5 44	19 55	19 59	18 46	10 20	7 53
S 4	6 37	19 5	3 29	12 48	0 37	5 21	0 50	9 1	0 19	18 42	0 2	21 29	1 43	10 31	0 36	10 46	0 4	15 26	5 44	19 55	19 58	18 44	10 21	7 53
M 5	6 15	16 48	4 10	12 21	0 48	5 50	0 48	9 15	0 18	18 39	0 2	21 29	1 44	10 32	0 36	10 47	0 4	15 25	5 44	19 53	19 57	18 43	10 22	7 52
T 6	5 53	13 47	4 39	11 52	0 57	6 20	0 45	9 30	0 18	18 36	0 2	21 29	1 44	10 33	0 36	10 47	0 4	15 25	5 44	19 52	19 57	18 41	10 23	7 52
W 7	5 31	10 10	4 57	11 21	1 6	6 49	0 42	9 44	0 17	18 33	0 2	21 29	1 44	10 34	0 36	10 48	0 4	15 25	5 44	19 49	19 56	18 40	10 24	7 52
T 8	5 9	6 5	5 1	10 47	1 14	7 19	0 40	9 58	0 16	18 30	0 2	21 29	1 44	10 35	0 36	10 48	0 4	15 25	5 44	19 47	19 55	18 39	10 25	7 51
F 9	4 46	1 40	4 51	10 10	1 21	7 48	0 37	10 12	0 16	18 27	0 2	21 28	1 44	10 36	0 36	10 49	0 4	15 24	5 44	19 44	19 55	18 37	10 26	7 51
S 10	4 24	2s53	4 26	9 32	1 27	8 17	0 34	10 26	0 15	18 24	0 2	21 28	1 44	10 37	0 36	10 49	0 4	15 24	5 44	19 41	19 54	18 36	10 27	7 50
S 11	4 2	7 23	3 47	8 52	1 32	8 46	0 31	10 40	0 14	18 22	0 2	21 28	1 44	10 38	0 36	10 50	0 4	15 24	5 44	19 39	19 53	18 35	10 28	7 50
M12	3 39	11 37	2 56	8 11	1 37	9 15	0 28	10 54	0 14	18 19	0 2	21 28	1 44	10 39	0 36	10 50	0 4	15 24	5 44	19 38	19 53	18 33	10 29	7 49
T 13	3 17	15 20	1 54	7 27	1 40	9 43	0 25	11 7	0 13	18 16	0 2	21 28	1 45	10 41	0 36	10 51	0 4	15 24	5 44	19 37	19 52	18 32	10 30	7 49
W14	2 54	18 17	0 45	6 43	1 42	10 11	0 22	11 21	0 12	18 13	0 3	21 28	1 45	10 42	0 36	10 52	0 4	15 23	5 44	19 36	19 51	18 31	10 31	7 48
T 15	2 31	20 14	0n28	5 57	1 44	10 40	0 19	11 35	0 12	18 10	0 3	21 28	1 45	10 43	0 36	10 52	0 4	15 23	5 44	19 36	19 50	18 29	10 32	7 48
F 16	2 9	20 59	1 41	5 11	1 45	11 7	0 16	11 49	0 11	18 7	0 3	21 28	1 45	10 44	0 36	10 53	0 4	15 23	5 44	19 36	19 50	18 28	10 33	7 47
S 17	1 46	20 25	2 48	4 24	1 45	11 35	0 13	12 2	0 10	18 5	0 3	21 28	1 45	10 45	0 36	10 53	0 4	15 23	5 44	19 36	19 49	18 26	10 34	7 47
S 18	1 23	18 34	3 45	3 36	1 44	12 3	0 9	12 16	0 10	18 2	0 3	21 28	1 45	10 46	0 36	10 54	0 4	15 23	5 44	19 36	19 48	18 25	10 35	7 47
M19	1 0	15 33	4 29	2 48	1 43	12 30	0 6	12 29	0 9	17 59	0 3	21 28	1 45	10 47	0 36	10 54	0 4	15 22	5 44	19 35	19 48	18 24	10 36	7 46
T 20	0 38	11 34	4 56	2 0	1 41	12 57	0 3	12 43	0 9	17 56	0 3	21 28	1 45	10 49	0 36	10 55	0 4	15 22	5 45	19 34	19 47	18 22	10 37	7 45
W21	0 15	6 55	5 5	1 11	1 39	13 23	0s 1	12 56	0 8	17 53	0 3	21 27	1 45	10 50	0 36	10 55	0 4	15 22	5 45	19 32	19 46	18 21	10 38	7 45
T 22	0s 8	1 55	4 54	0 23	1 36	13 50	0 4	13 9	0 7	17 51	0 3	21 27	1 46	10 51	0 36	10 56	0 4	15 22	5 45	19 30	19 46	18 19	10 39	7 44
F 23	0 31	3n 7	4 25	0s26	1 32	14 16	0 8	13 22	0 7	17 48	0 4	21 27	1 46	10 52	0 36	10 56	0 4	15 22	5 45	19 28	19 45	18 18	10 40	7 44
S 24	0 54	7 54	3 40	1 14	1 28	14 42	0 11	13 35	0 6	17 45	0 4	21 27	1 46	10 53	0 36	10 57	0 4	15 22	5 45	19 26	19 44	18 17	10 40	7 43
S 25	1 17	12 10	2 44	2 2	1 24	15 7	0 15	13 49	0 5	17 43	0 4	21 27	1 46	10 55	0 36	10 57	0 4	15 21	5 45	19 25	19 44	18 15	10 41	7 43
M26	1 39	15 43	1 41	2 50	1 19	15 32	0 18	14 1	0 5	17 40	0 4	21 27	1 46	10 56	0 35	10 58	0 4	15 21	5 45	19 24	19 43	18 14	10 42	7 42
T 27	2 2	18 24	0 34	3 38	1 14	15 57	0 22	14 14	0 4	17 37	0 4	21 27	1 46	10 57	0 35	10 58	0 4	15 21	5 45	19 24	19 42	18 12	10 43	7 42
W28	2 25	20 8	0s33	4 25	1 8	16 21	0 25	14 27	0 3	17 35	0 4	21 27	1 46	10 58	0 35	10 59	0 4	15 21	5 45	19 24	19 42	18 11	10 44	7 41
T 29	2 48	20 51	1 37	5 11	1 3	16 45	0 29	14 40	0 3	17 32	0 4	21 27	1 47	11 0	0 35	10 59	0 4	15 21	5 45	19 24	19 41	18 10	10 45	7 41
F 30	3s11	20n36	2s36	5s57	0n57	17s 9	0s33	14s53	0n 2	17n29	0n 4	21n26	1s47	11s 1	0n35	10s59	0s 4	15n20	5s45	19s24	19s40	18n 8	10s45	7n40

Julian Day Number = 3054438.5, Delta T = 02h28m17s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'51, Lahiri = 46°59'51

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

OCTOBER 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 42 24	9♎ 2'36	9♋34	19♎18	17♏42	11♏22	10♌47	28♊34	0♏37	1°R15	24♋38	27°R25	28♏33	18♋11	7°R41	S 1
S 2	0 46 21	10° 0'46	21°24	21° 2	18°53	12° 1	10°57	28°35	0°41	1♓14	24°38	27♏24	28°30	18°18	7♒40	S 2
M 3	0 50 17	10°58'58	3♌18	22°45	20° 3	12°40	11° 6	28°36	0°45	1°13	24°39	27°21	28°26	18°25	7°39	M 3
T 4	0 54 14	11°57'12	15°20	24°27	21°13	13°19	11°16	28°36	0°48	1°12	24°39	27°17	28°23	18°32	7°38	T 4
W 5	0 58 10	12°55'28	27°33	26° 7	22°24	13°58	11°26	28°37	0°52	1°11	24°39	27°10	28°20	18°38	7°37	W 5
T 6	1 2 7	13°53'45	10♍ 1	27°47	23°34	14°37	11°35	28°37	0°56	1°10	24°40	27° 3	28°17	18°45	7°37	T 6
F 7	1 6 4	14°52'05	22°46	29°25	24°44	15°17	11°45	28°38	0°59	1° 8	24°40	26°56	28°14	18°52	7°36	F 7
S 8	1 10 0	15°50'26	5♎47	1♏ 2	25°54	15°56	11°54	28°38	1° 3	1° 7	24°41	26°49	28°11	18°58	7°36	S 8
S 9	1 13 57	16°48'49	19° 5	2°38	27° 4	16°35	12° 3	28°38	1° 7	1° 6	24°41	26°43	28° 7	19° 5	7°35	S 9
M10	1 17 53	17°47'14	2♏37	4°13	28°14	17°14	12°12	28°R38	1°10	1° 5	24°41	26°39	28° 4	19°12	7°35	M10
T 11	1 21 50	18°45'40	16°22	5°47	29°23	17°54	12°21	28°38	1°14	1° 4	24°42	26°36	28° 1	19°18	7°35	T 11
W12	1 25 46	19°44'08	0♐16	7°20	0♐33	18°33	12°30	28°38	1°18	1° 3	24°42	26°D36	27°58	19°25	7°35	W12
T 13	1 29 43	20°42'38	14°18	8°52	1°43	19°13	12°38	28°37	1°21	1° 3	24°42	26°37	27°55	19°32	7°D35	T 13
F 14	1 33 39	21°41'10	28°24	10°23	2°52	19°52	12°47	28°37	1°25	1° 2	24°42	26°38	27°52	19°38	7°35	F 14
S 15	1 37 36	22°39'42	12♑34	11°53	4° 2	20°32	12°55	28°37	1°29	1° 1	24°43	26°40	27°48	19°45	7°35	S 15
S 16	1 41 33	23°38'17	26°45	13°21	5°11	21°12	13° 4	28°36	1°33	1° 0	24°43	26°R40	27°45	19°52	7°35	S 16
M17	1 45 29	24°36'53	10♒56	14°49	6°21	21°51	13°12	28°35	1°37	0°59	24°43	26°39	27°42	19°59	7°35	M17
T 18	1 49 26	25°35'30	25° 4	16°15	7°30	22°31	13°20	28°34	1°40	0°58	24°43	26°36	27°39	20° 5	7°35	T 18
W19	1 53 22	26°34'09	9♓ 7	17°41	8°39	23°11	13°28	28°33	1°44	0°58	24°43	26°33	27°36	20°12	7°36	W19
T 20	1 57 19	27°32'49	23° 1	19° 5	9°48	23°51	13°35	28°32	1°48	0°57	24°43	26°29	27°32	20°19	7°36	T 20
F 21	2 1 15	28°31'31	6♈44	20°28	10°57	24°31	13°43	28°31	1°52	0°56	24°43	26°24	27°29	20°25	7°37	F 21
S 22	2 5 12	29°30'15	20°13	21°51	12° 6	25°11	13°50	28°30	1°55	0°55	24°44	26°20	27°26	20°32	7°37	S 22
S 23	2 9 8	0♏29'01	3♉26	23°11	13°15	25°51	13°58	28°29	1°59	0°55	24°44	26°18	27°23	20°39	7°38	S 23
M24	2 13 5	1°27'49	16°22	24°31	14°23	26°31	14° 5	28°27	2° 3	0°54	24°R44	26°16	27°20	20°45	7°39	M24
T 25	2 17 2	2°26'39	29° 1	25°49	15°32	27°11	14°12	28°26	2° 7	0°54	24°44	26°D16	27°17	20°52	7°40	T 25
W26	2 20 58	3°25'30	11♊24	27° 6	16°40	27°51	14°19	28°24	2°11	0°53	24°44	26°16	27°13	20°59	7°41	W26
T 27	2 24 55	4°24'24	23°33	28°22	17°49	28°32	14°25	28°22	2°14	0°53	24°43	26°18	27°10	21° 5	7°42	T 27
F 28	2 28 51	5°23'20	5♋33	29°36	18°57	29°12	14°32	28°20	2°18	0°52	24°43	26°19	27° 7	21°12	7°43	F 28
S 29	2 32 48	6°22'19	17°25	0♐49	20° 5	29°52	14°38	28°18	2°22	0°52	24°43	26°21	27° 4	21°19	7°44	S 29
S 30	2 36 44	7°21'19	29°17	2° 0	21°13	0♐33	14°45	28°16	2°26	0°51	24°43	26°22	27° 1	21°26	7°45	S 30
M31	2 40 41	8♏20'22	11♌11	3♐ 9	22♐21	1♐13	14♌51	28♊14	2♏29	0♓51	24♋43	26°R22	26♏57	21♋32	7♒46	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s33	19n26	3s28	6s43	0n50	17s32	0s36	15s 5	0n 2	17n27	0n 4	21n26	1s47	11s 2	0n35	11s 0	0s 4	15n20	5s45	19s24	19s40	18n 7	10s46	7n40
S 2	3 56	17 25	4 10	7 27	0 44	17 55	0 40	15 18	0 1	17 24	0 4	21 26	1 47	11 3	0 35	11 0	0 4	15 20	5 45	19 24	19 39	18 5	10 47	7 39
M 3	4 19	14 40	4 42	8 12	0 37	18 18	0 44	15 30	0 0	17 22	0 5	21 26	1 47	11 5	0 35	11 1	0 4	15 20	5 45	19 24	19 38	18 4	10 48	7 38
T 4	4 41	11 16	5 2	8 55	0 30	18 40	0 47	15 42	0s 0	17 19	0 5	21 26	1 47	11 6	0 35	11 1	0 4	15 20	5 46	19 23	19 37	18 2	10 48	7 38
W 5	5 4	7 22	5 9	9 38	0 23	19 2	0 51	15 54	0 1	17 17	0 5	21 26	1 47	11 7	0 35	11 2	0 4	15 20	5 46	19 21	19 37	18 1	10 49	7 37
T 6	5 26	3 5	5 1	10 20	0 16	19 23	0 55	16 6	0 2	17 14	0 5	21 26	1 47	11 8	0 35	11 2	0 4	15 20	5 46	19 20	19 36	17 59	10 50	7 37
F 7	5 48	1s25	4 38	11 2	0 9	19 44	0 58	16 18	0 2	17 12	0 5	21 26	1 48	11 10	0 35	11 2	0 4	15 19	5 46	19 18	19 35	17 58	10 51	7 36
S 8	6 11	5 58	4 1	11 43	0 1	20 4	1 2	16 30	0 3	17 9	0 5	21 25	1 48	11 11	0 35	11 3	0 4	15 19	5 46	19 16	19 35	17 57	10 51	7 36
S 9	6 33	10 20	3 10	12 23	0s 6	20 24	1 6	16 42	0 3	17 7	0 5	21 25	1 48	11 12	0 35	11 3	0 4	15 19	5 46	19 15	19 34	17 55	10 52	7 35
M10	6 55	14 16	2 7	13 2	0 14	20 43	1 10	16 54	0 4	17 4	0 5	21 25	1 48	11 14	0 35	11 3	0 4	15 19	5 46	19 14	19 33	17 54	10 53	7 34
T 11	7 17	17 28	0 55	13 40	0 21	21 2	1 13	17 5	0 5	17 2	0 5	21 25	1 48	11 15	0 35	11 4	0 4	15 19	5 46	19 13	19 33	17 52	10 53	7 34
W12	7 39	19 42	0n20	14 18	0 29	21 20	1 17	17 17	0 5	17 0	0 6	21 25	1 48	11 16	0 35	11 4	0 4	15 19	5 46	19 13	19 32	17 51	10 54	7 33
T 13	8 1	20 44	1 35	14 54	0 36	21 38	1 21	17 28	0 6	16 57	0 6	21 25	1 48	11 17	0 35	11 4	0 4	15 19	5 46	19 14	19 31	17 49	10 54	7 33
F 14	8 23	20 28	2 45	15 30	0 44	21 56	1 24	17 39	0 6	16 55	0 6	21 25	1 48	11 19	0 35	11 5	0 4	15 18	5 46	19 14	19 30	17 48	10 55	7 32
S 15	8 44	18 54	3 45	16 5	0 52	22 13	1 28	17 50	0 7	16 53	0 6	21 25	1 48	11 20	0 35	11 5	0 4	15 18	5 46	19 14	19 30	17 46	10 56	7 31
S 16	9 6	16 11	4 31	16 39	0 59	22 29	1 32	18 1	0 8	16 51	0 6	21 25	1 49	11 21	0 35	11 5	0 4	15 18	5 47	19 14	19 29	17 45	10 56	7 31
M17	9 27	12 30	5 1	17 12	1 7	22 45	1 35	18 12	0 8	16 48	0 6	21 24	1 49	11 23	0 35	11 6	0 4	15 18	5 47	19 14	19 28	17 43	10 57	7 30
T 18	9 48	8 8	5 12	17 44	1 14	23 0	1 39	18 23	0 9	16 46	0 6	21 24	1 49	11 24	0 35	11 6	0 4	15 18	5 47	19 13	19 28	17 42	10 57	7 30
W19	10 10	3 22	5 5	18 16	1 22	23 14	1 43	18 33	0 9	16 44	0 6	21 24	1 49	11 25	0 35	11 6	0 4	15 18	5 47	19 13	19 27	17 40	10 58	7 29
T 20	10 31	1n33	4 40	18 46	1 29	23 28	1 46	18 44	0 10	16 42	0 7	21 24	1 49	11 27	0 35	11 6	0 4	15 18	5 47	19 12	19 26	17 39	10 58	7 28
F 21	10 51	6 19	3 59	19 16	1 37	23 42	1 50	18 54	0 11	16 40	0 7	21 24	1 49	11 28	0 35	11 7	0 4	15 18	5 47	19 11	19 25	17 37	10 58	7 28
S 22	11 12	10 42	3 5	19 44	1 44	23 55	1 53	19 4	0 11	16 38	0 7	21 24	1 49	11 29	0 35	11 7	0 4	15 18	5 47	19 10	19 25	17 36	10 59	7 27
S 23	11 32	14 28	2 2	20 12	1 51	24 7	1 57	19 14	0 12	16 36	0 7	21 24	1 49	11 30	0 35	11 7	0 4	15 18	5 47	19 9	19 24	17 34	10 59	7 27
M24	11 53	17 27	0 54	20 38	1 58	24 19	2 0	19 24	0 12	16 34	0 7	21 24	1 49	11 32	0 35	11 7	0 4	15 17	5 47	19 9	19 23	17 33	11 0	7 26
T 25	12 13	19 31	0s15	21 3	2 4	24 30	2 4	19 34	0 13	16 32	0 7	21 23	1 50	11 33	0 35	11 8	0 4	15 17	5 47	19 9	19 23	17 31	11 0	7 25
W26	12 33	20 35	1 22	21 28	2 11	24 40	2 7	19 43	0 13	16 30	0 7	21 23	1 50	11 34	0 35	11 8	0 4	15 17	5 47	19 9	19 22	17 30	11 0	7 25
T 27	12 53	20 40	2 25	21 51	2 17	24 50	2 10	19 53	0 14	16 29	0 7	21 23	1 50	11 36	0 35	11 8	0 4	15 17	5 47	19 9	19 21	17 28	11 1	7 24
F 28	13 12	19 47	3 20	22 13	2 24	25 0	2 14	20 2	0 15	16 27	0 8	21 23	1 50	11 37	0 35	11 8	0 4	15 17	5 47	19 9	19 20	17 27	11 1	7 24
S 29	13 31	18 2	4 6	22 35	2 30	25 8	2 17	20 11	0 15	16 25	0 8	21 23	1 50	11 38	0 35	11 8	0 4	15 17	5 48	19 10	19 20	17 25	11 1	7 23
S 30	13 51	15 32	4 41	22 55	2 35	25 16	2 20	20 20	0 16	16 23	0 8	21 23	1 50	11 39	0 35	11 9	0 4	15 17	5 48	19 10	19 19	17 24	11 2	7 22
M31	14s10	12n22	5s 5	23s14	2s41	25s24	2s23	20s29	0s16	16n22	0n 8	21n23	1s50	11s41	0n35	11s 9	0s 4	15n17	5s48	19s10	19s18	17n22	11s 2	7n22

Julian Day Number = 3054468.5, Delta T = 02h28m18s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'55, Lahiri = 46°59'55

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

NOVEMBER 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 37	9♏19'26	23♌13	4♐16	23♐29	1♐54	14♌57	28°R12	2♏33	0°R51	24°R43	26°R21	26♏54	21♋39	7♒48	T 1
W 2	2 48 34	10°18'33	5♍27	5°21	24°36	2°35	15° 3	28♊ 9	2°37	0♓50	24♋43	26♏20	26°51	21°46	7°49	W 2
T 3	2 52 30	11°17'42	17°57	6°24	25°44	3°15	15° 8	28° 7	2°41	0°50	24°43	26°18	26°48	21°52	7°51	T 3
F 4	2 56 27	12°16'54	0♎47	7°24	26°51	3°56	15°14	28° 4	2°44	0°50	24°42	26°16	26°45	21°59	7°52	F 4
S 5	3 0 24	13°16'07	13°58	8°22	27°58	4°37	15°19	28° 2	2°48	0°49	24°42	26°14	26°42	22° 6	7°54	S 5
S 6	3 4 20	14°15'22	27°31	9°17	29° 6	5°18	15°24	27°59	2°52	0°49	24°42	26°13	26°38	22°12	7°56	S 6
M 7	3 8 17	15°14'40	11♏23	10° 8	0♑13	5°59	15°29	27°56	2°56	0°49	24°41	26°12	26°35	22°19	7°57	M 7
T 8	3 12 13	16°14'00	25°32	10°57	1°19	6°40	15°34	27°53	2°59	0°49	24°41	26°D12	26°32	22°26	7°59	T 8
W 9	3 16 10	17°13'21	9♐54	11°41	2°26	7°21	15°39	27°50	3° 3	0°49	24°41	26°12	26°29	22°33	8° 1	W 9
T 10	3 20 6	18°12'45	24°24	12°21	3°33	8° 2	15°43	27°47	3° 7	0°49	24°40	26°12	26°26	22°39	8° 3	T 10
F 11	3 24 3	19°12'10	8♑55	12°56	4°39	8°43	15°47	27°44	3°11	0°D49	24°40	26°13	26°23	22°46	8° 5	F 11
S 12	3 27 59	20°11'37	23°23	13°27	5°45	9°24	15°51	27°41	3°14	0°49	24°40	26°14	26°19	22°53	8° 8	S 12
S 13	3 31 56	21°11'05	7♒43	13°51	6°51	10° 6	15°55	27°37	3°18	0°49	24°39	26°14	26°16	22°59	8°10	S 13
M14	3 35 53	22°10'35	21°54	14°10	7°57	10°47	15°59	27°34	3°21	0°49	24°39	26°R14	26°13	23° 6	8°12	M14
T 15	3 39 49	23°10'07	5♓52	14°22	9° 3	11°28	16° 3	27°30	3°25	0°49	24°38	26°14	26°10	23°13	8°15	T 15
W16	3 43 46	24° 9'40	19°37	14°R27	10° 8	12°10	16° 6	27°27	3°29	0°49	24°38	26°14	26° 7	23°19	8°17	W16
T 17	3 47 42	25° 9'15	3♈ 8	14°24	11°13	12°51	16° 9	27°23	3°32	0°49	24°37	26°14	26° 3	23°26	8°19	T 17
F 18	3 51 39	26° 8'52	16°26	14°12	12°19	13°33	16°12	27°20	3°36	0°49	24°37	26°D14	26° 0	23°33	8°22	F 18
S 19	3 55 35	27° 8'30	29°29	13°52	13°23	14°14	16°15	27°16	3°39	0°50	24°36	26°14	25°57	23°40	8°25	S 19
S 20	3 59 32	28° 8'10	12♉19	13°23	14°28	14°56	16°18	27°12	3°43	0°50	24°36	26°14	25°54	23°46	8°27	S 20
M21	4 3 28	29° 7'52	24°56	12°45	15°32	15°38	16°20	27° 8	3°47	0°50	24°35	26°R14	25°51	23°53	8°30	M21
T 22	4 7 25	0♐ 7'36	7♊21	11°58	16°37	16°20	16°22	27° 4	3°50	0°51	24°34	26°14	25°48	24° 0	8°33	T 22
W23	4 11 22	1° 7'22	19°35	11° 2	17°40	17° 2	16°24	27° 0	3°54	0°51	24°34	26°14	25°44	24° 6	8°36	W23
T 24	4 15 18	2° 7'10	1♋39	9°59	18°44	17°43	16°26	26°56	3°57	0°51	24°33	26°13	25°41	24°13	8°39	T 24
F 25	4 19 15	3° 7'00	13°36	8°49	19°47	18°25	16°28	26°52	4° 0	0°52	24°33	26°12	25°38	24°20	8°42	F 25
S 26	4 23 11	4° 6'51	25°28	7°34	20°51	19° 7	16°29	26°47	4° 4	0°52	24°32	26°11	25°35	24°26	8°45	S 26
S 27	4 27 8	5° 6'45	7♌19	6°17	21°53	19°50	16°31	26°43	4° 7	0°53	24°31	26°10	25°32	24°33	8°48	S 27
M28	4 31 4	6° 6'41	19°12	4°59	22°56	20°32	16°32	26°39	4°11	0°53	24°30	26° 9	25°29	24°40	8°51	M28
T 29	4 35 1	7° 6'39	1♍12	3°43	23°58	21°14	16°33	26°34	4°14	0°54	24°30	26° 8	25°25	24°47	8°55	T 29
W30	4 38 57	8♐ 6'39	13♍23	2♐32	25♑ 0	21♐56	16♌33	26♊30	4♏17	0♓55	24♋29	26°D 8	25♏22	24♋53	8♒58	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s28	8n41	5s15	23s31	2s46	25s30	2s26	20s38	0s17	16n20	0n 8	21n23	1s50	11s42	0n35	11s 9	0s 4	15n17	5s48	19s10	19s17	17n21	11s 2	7n21
W 2	14 47	4 35	5 12	23 48	2 51	25 36	2 29	20 47	0 18	16 19	0 8	21 22	1 50	11 43	0 35	11 9	0 4	15 17	5 48	19 10	19 17	17 19	11 2	7 21
T 3	15 5	0 12	4 54	24 3	2 55	25 42	2 32	20 55	0 18	16 17	0 8	21 22	1 50	11 45	0 35	11 9	0 4	15 17	5 48	19 9	19 16	17 18	11 3	7 20
F 4	15 23	4s18	4 21	24 18	2 59	25 46	2 35	21 3	0 19	16 16	0 8	21 22	1 51	11 46	0 35	11 9	0 4	15 17	5 48	19 9	19 15	17 16	11 3	7 19
S 5	15 41	8 44	3 33	24 31	3 3	25 51	2 38	21 11	0 19	16 14	0 9	21 22	1 51	11 47	0 35	11 9	0 4	15 17	5 48	19 8	19 15	17 15	11 3	7 19
S 6	15 58	12 52	2 32	24 42	3 6	25 54	2 41	21 19	0 20	16 13	0 9	21 22	1 51	11 48	0 35	11 9	0 4	15 17	5 48	19 8	19 14	17 13	11 3	7 18
M 7	16 16	16 24	1 21	24 52	3 8	25 57	2 43	21 27	0 20	16 11	0 9	21 22	1 51	11 50	0 35	11 9	0 4	15 17	5 48	19 8	19 13	17 12	11 3	7 18
T 8	16 33	19 2	0 4	25 1	3 10	25 59	2 46	21 34	0 21	16 10	0 9	21 22	1 51	11 51	0 35	11 9	0 4	15 17	5 48	19 8	19 12	17 10	11 3	7 17
W 9	16 50	20 30	1n15	25 9	3 11	26 1	2 48	21 42	0 21	16 9	0 9	21 22	1 51	11 52	0 35	11 9	0 4	15 17	5 48	19 8	19 12	17 9	11 3	7 17
T 10	17 6	20 36	2 30	25 15	3 12	26 2	2 51	21 49	0 22	16 8	0 9	21 21	1 51	11 53	0 35	11 9	0 4	15 17	5 48	19 8	19 11	17 7	11 3	7 16
F 11	17 22	19 21	3 35	25 19	3 12	26 2	2 53	21 56	0 23	16 7	0 9	21 21	1 51	11 55	0 35	11 9	0 4	15 17	5 49	19 8	19 10	17 5	11 3	7 15
S 12	17 38	16 50	4 27	25 22	3 11	26 1	2 55	22 3	0 23	16 6	0 10	21 21	1 51	11 56	0 35	11 9	0 5	15 17	5 49	19 8	19 9	17 4	11 3	7 15
S 13	17 54	13 19	5 1	25 23	3 9	26 0	2 58	22 9	0 24	16 5	0 10	21 21	1 51	11 57	0 35	11 9	0 5	15 17	5 49	19 8	19 9	17 2	11 3	7 14
M14	18 9	9 5	5 16	25 22	3 6	25 59	3 0	22 16	0 24	16 4	0 10	21 21	1 51	11 58	0 35	11 9	0 5	15 17	5 49	19 8	19 8	17 1	11 3	7 14
T 15	18 24	4 25	5 13	25 19	3 1	25 56	3 2	22 22	0 25	16 3	0 10	21 21	1 51	12 0	0 35	11 9	0 5	15 17	5 49	19 8	19 7	16 59	11 3	7 13
W16	18 39	0n24	4 51	25 14	2 56	25 53	3 3	22 28	0 25	16 2	0 10	21 21	1 51	12 1	0 35	11 9	0 5	15 17	5 49	19 8	19 7	16 58	11 3	7 13
T 17	18 53	5 8	4 14	25 7	2 49	25 50	3 5	22 34	0 26	16 1	0 10	21 21	1 51	12 2	0 35	11 9	0 5	15 17	5 49	19 8	19 6	16 56	11 3	7 12
F 18	19 7	9 32	3 23	24 58	2 41	25 46	3 7	22 40	0 26	16 0	0 10	21 21	1 51	12 3	0 35	11 9	0 5	15 17	5 49	19 8	19 5	16 55	11 3	7 12
S 19	19 21	13 26	2 23	24 46	2 31	25 41	3 8	22 45	0 27	16 0	0 11	21 20	1 51	12 4	0 35	11 9	0 5	15 17	5 49	19 8	19 4	16 53	11 3	7 11
S 20	19 34	16 37	1 16	24 31	2 20	25 35	3 10	22 50	0 27	15 59	0 11	21 20	1 51	12 6	0 35	11 9	0 5	15 17	5 49	19 8	19 4	16 51	11 3	7 11
M21	19 47	18 57	0 7	24 13	2 7	25 29	3 11	22 55	0 28	15 58	0 11	21 20	1 52	12 7	0 35	11 9	0 5	15 17	5 49	19 8	19 3	16 50	11 3	7 10
T 22	20 0	20 20	1s 1	23 52	1 52	25 23	3 12	23 0	0 28	15 58	0 11	21 20	1 52	12 8	0 35	11 9	0 5	15 17	5 49	19 8	19 2	16 48	11 2	7 10
W23	20 12	20 44	2 6	23 29	1 36	25 16	3 13	23 5	0 29	15 57	0 11	21 20	1 52	12 9	0 35	11 9	0 5	15 17	5 49	19 8	19 1	16 47	11 2	7 9
T 24	20 24	20 9	3 4	23 2	1 18	25 8	3 14	23 9	0 30	15 57	0 11	21 20	1 52	12 10	0 35	11 9	0 5	15 17	5 49	19 8	19 1	16 45	11 2	7 8
F 25	20 36	18 40	3 54	22 33	0 59	25 0	3 15	23 14	0 30	15 57	0 11	21 20	1 52	12 11	0 35	11 8	0 5	15 17	5 49	19 8	19 0	16 43	11 2	7 8
S 26	20 47	16 23	4 33	22 1	0 39	24 51	3 15	23 18	0 31	15 56	0 12	21 20	1 52	12 12	0 35	11 8	0 5	15 17	5 50	19 8	18 59	16 42	11 1	7 7
S 27	20 58	13 26	5 0	21 28	0 19	24 41	3 16	23 21	0 31	15 56	0 12	21 20	1 52	12 14	0 35	11 8	0 5	15 17	5 50	19 7	18 58	16 40	11 1	7 7
M28	21 8	9 57	5 14	20 54	0n 2	24 31	3 16	23 25	0 32	15 56	0 12	21 19	1 52	12 15	0 35	11 8	0 5	15 17	5 50	19 7	18 58	16 39	11 1	7 6
T 29	21 18	6 2	5 16	20 21	0 22	24 21	3 17	23 28	0 32	15 56	0 12	21 19	1 52	12 16	0 35	11 8	0 5	15 17	5 50	19 7	18 57	16 37	11 0	7 6
W30	21s28	1n48	5s 3	19s48	0n42	24s10	3s17	23s32	0s33	15n56	0n12	21n19	1s52	12s17	0n35	11s 8	0s 5	15n17	5s50	19s 7	18s56	16n36	11s 0	7n 6

Julian Day Number = 3054499.5, Delta T = 02h28m19s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°52'59, Lahiri = 47°00'00

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ASTRODIENST EPHEMERIS for the year 3650
geocentric

DECEMBER 3650 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 54	9♐ 6'41	25♍50	1°R27	26♉ 2	22♐38	16♌34	26°R25	4♏21	0♓55	24°R28	26♏ 9	25♏19	25♋ 0	9♒ 1	T 1
F 2	4 46 51	10° 6'44	8♎37	0♐31	27° 3	23°21	16°34	26♊21	4°24	0°56	24♋27	26°10	25°16	25° 7	9° 5	F 2
S 3	4 50 47	11° 6'50	21°48	29♏44	28° 4	24° 3	16°R34	26°16	4°27	0°57	24°27	26°11	25°13	25°13	9° 8	S 3
S 4	4 54 44	12° 6'58	5♏24	29° 9	29° 5	24°46	16°34	26°12	4°30	0°57	24°26	26°12	25° 9	25°20	9°12	S 4
M 5	4 58 40	13° 7'08	19°25	28°45	0♒ 5	25°28	16°34	26° 7	4°33	0°58	24°25	26°R13	25° 6	25°27	9°15	M 5
T 6	5 2 37	14° 7'20	3♐51	28°33	1° 5	26°11	16°33	26° 2	4°37	0°59	24°24	26°13	25° 3	25°33	9°19	T 6
W 7	5 6 33	15° 7'34	18°34	28°D33	2° 4	26°54	16°33	25°58	4°40	1° 0	24°23	26°12	25° 0	25°40	9°23	W 7
T 8	5 10 30	16° 7'49	3♑30	28°43	3° 3	27°36	16°32	25°53	4°43	1° 1	24°22	26°10	24°57	25°47	9°27	T 8
F 9	5 14 27	17° 8'06	18°29	29° 4	4° 2	28°19	16°31	25°48	4°46	1° 2	24°21	26° 7	24°54	25°54	9°30	F 9
S 10	5 18 23	18° 8'24	3♒22	29°34	5° 0	29° 2	16°29	25°43	4°49	1° 2	24°21	26° 4	24°50	26° 0	9°34	S 10
S 11	5 22 20	19° 8'44	18° 3	0♐12	5°58	29°45	16°28	25°38	4°52	1° 3	24°20	26° 2	24°47	26° 7	9°38	S 11
M12	5 26 16	20° 9'04	2♓25	0°58	6°55	0♑28	16°26	25°34	4°55	1° 4	24°19	26° 0	24°44	26°14	9°42	M12
T 13	5 30 13	21° 9'27	16°26	1°51	7°52	1°11	16°24	25°29	4°58	1° 5	24°18	25°D59	24°41	26°20	9°46	T 13
W14	5 34 9	22° 9'50	0♈ 6	2°50	8°48	1°54	16°22	25°24	5° 1	1° 7	24°17	25°59	24°38	26°27	9°50	W14
T 15	5 38 6	23°10'14	13°24	3°53	9°44	2°37	16°20	25°19	5° 3	1° 8	24°16	26° 0	24°35	26°34	9°55	T 15
F 16	5 42 2	24°10'40	26°24	5° 2	10°39	3°20	16°17	25°14	5° 6	1° 9	24°15	26° 2	24°31	26°41	9°59	F 16
S 17	5 45 59	25°11'07	9♉ 8	6°14	11°33	4° 4	16°15	25° 9	5° 9	1°10	24°14	26° 3	24°28	26°47	10° 3	S 17
S 18	5 49 56	26°11'35	21°38	7°29	12°27	4°47	16°12	25° 5	5°12	1°11	24°13	26°R 4	24°25	26°54	10° 7	S 18
M19	5 53 52	27°12'05	3♊58	8°47	13°20	5°30	16° 9	25° 0	5°14	1°12	24°12	26° 4	24°22	27° 1	10°11	M19
T 20	5 57 49	28°12'36	16° 8	10° 8	14°13	6°14	16° 5	24°55	5°17	1°14	24°11	26° 2	24°19	27° 7	10°16	T 20
W21	6 1 45	29°13'08	28°12	11°31	15° 5	6°57	16° 2	24°50	5°20	1°15	24°10	25°59	24°15	27°14	10°20	W21
T 22	6 5 42	0♑13'42	10♋ 9	12°55	15°56	7°40	15°58	24°45	5°22	1°16	24° 8	25°53	24°12	27°21	10°25	T 22
F 23	6 9 38	1°14'17	22° 3	14°21	16°46	8°24	15°54	24°40	5°25	1°17	24° 7	25°47	24° 9	27°27	10°29	F 23
S 24	6 13 35	2°14'53	3♌54	15°48	17°36	9° 8	15°50	24°36	5°27	1°19	24° 6	25°40	24° 6	27°34	10°34	S 24
S 25	6 17 31	3°15'31	15°46	17°16	18°25	9°51	15°46	24°31	5°30	1°20	24° 5	25°33	24° 3	27°41	10°38	S 25
M26	6 21 28	4°16'10	27°39	18°44	19°13	10°35	15°42	24°26	5°32	1°22	24° 4	25°27	24° 0	27°48	10°43	M26
T 27	6 25 25	5°16'50	9♍38	20°14	20° 0	11°19	15°37	24°21	5°35	1°23	24° 3	25°22	23°56	27°54	10°47	T 27
W28	6 29 21	6°17'32	21°47	21°44	20°46	12° 3	15°33	24°17	5°37	1°24	24° 2	25°19	23°53	28° 1	10°52	W28
T 29	6 33 18	7°18'16	4♎ 9	23°15	21°31	12°47	15°28	24°12	5°39	1°26	24° 1	25°D17	23°50	28° 8	10°57	T 29
F 30	6 37 14	8°19'01	16°49	24°46	22°15	13°30	15°23	24° 7	5°41	1°27	24° 0	25°18	23°47	28°14	11° 2	F 30
S 31	6 41 11	9♑19'47	29♎52	26♐17	22♒58	14♑14	15♌17	24♊ 3	5♏44	1♓29	23♋58	25♏19	23♏44	28♋21	11♒ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s37	2s35	4s35	19s17	1n 0	23s58	3s17	23s35	0s33	15n56	0n12	21n19	1s52	12s18	0n35	11s 7	0s 5	15n18	5s50	19s 7	18s55	16n34	11s 0	7n 5
F 2	21 46	6 59	3 54	18 49	1 17	23 46	3 16	23 37	0 34	15 56	0 13	21 19	1 52	12 19	0 35	11 7	0 5	15 18	5 50	19 7	18 55	16 32	10 59	7 5
S 3	21 55	11 11	2 59	18 25	1 32	23 34	3 16	23 40	0 34	15 56	0 13	21 19	1 52	12 20	0 35	11 7	0 5	15 18	5 50	19 8	18 54	16 31	10 59	7 4
S 4	22 3	14 58	1 53	18 5	1 45	23 21	3 15	23 42	0 35	15 56	0 13	21 19	1 52	12 21	0 35	11 7	0 5	15 18	5 50	19 8	18 53	16 29	10 58	7 4
M 5	22 10	18 2	0 38	17 49	1 56	23 7	3 15	23 44	0 35	15 56	0 13	21 19	1 52	12 22	0 35	11 6	0 5	15 18	5 50	19 8	18 52	16 28	10 58	7 3
T 6	22 17	20 3	0n42	17 37	2 6	22 53	3 14	23 46	0 36	15 57	0 13	21 19	1 52	12 23	0 35	11 6	0 5	15 18	5 50	19 8	18 52	16 26	10 57	7 3
W 7	22 24	20 44	2 0	17 30	2 13	22 39	3 13	23 48	0 36	15 57	0 13	21 18	1 51	12 24	0 35	11 6	0 5	15 18	5 50	19 8	18 51	16 24	10 57	7 2
T 8	22 31	19 59	3 11	17 27	2 18	22 24	3 11	23 49	0 37	15 57	0 13	21 18	1 51	12 25	0 35	11 5	0 5	15 18	5 50	19 7	18 50	16 23	10 56	7 2
F 9	22 37	17 51	4 10	17 28	2 22	22 9	3 10	23 50	0 37	15 58	0 14	21 18	1 51	12 26	0 35	11 5	0 5	15 18	5 50	19 7	18 49	16 21	10 56	7 1
S 10	22 42	14 31	4 50	17 32	2 24	21 53	3 8	23 51	0 38	15 58	0 14	21 18	1 51	12 27	0 35	11 5	0 5	15 18	5 50	19 6	18 48	16 19	10 55	7 1
S 11	22 47	10 20	5 12	17 39	2 25	21 37	3 6	23 52	0 38	15 59	0 14	21 18	1 51	12 28	0 35	11 5	0 5	15 19	5 50	19 5	18 48	16 18	10 55	7 1
M12	22 52	5 39	5 13	17 49	2 24	21 21	3 4	23 52	0 39	16 0	0 14	21 18	1 51	12 29	0 35	11 4	0 5	15 19	5 50	19 5	18 47	16 16	10 54	7 0
T 13	22 56	0 46	4 55	18 1	2 23	21 4	3 2	23 52	0 39	16 0	0 14	21 18	1 51	12 30	0 35	11 4	0 5	15 19	5 50	19 5	18 46	16 15	10 53	7 0
W14	23 0	4n 2	4 21	18 15	2 20	20 47	3 0	23 52	0 40	16 1	0 14	21 18	1 51	12 31	0 35	11 3	0 5	15 19	5 50	19 5	18 45	16 13	10 53	6 59
T 15	23 3	8 31	3 33	18 30	2 17	20 30	2 57	23 52	0 40	16 2	0 15	21 18	1 51	12 32	0 35	11 3	0 5	15 19	5 50	19 5	18 45	16 11	10 52	6 59
F 16	23 6	12 31	2 36	18 46	2 13	20 12	2 54	23 52	0 41	16 3	0 15	21 17	1 51	12 33	0 35	11 3	0 5	15 19	5 50	19 5	18 44	16 10	10 51	6 59
S 17	23 8	15 52	1 32	19 3	2 8	19 54	2 51	23 51	0 41	16 4	0 15	21 17	1 51	12 34	0 35	11 2	0 5	15 19	5 50	19 6	18 43	16 8	10 51	6 58
S 18	23 10	18 24	0 24	19 21	2 2	19 36	2 48	23 50	0 41	16 5	0 15	21 17	1 51	12 35	0 36	11 2	0 5	15 20	5 50	19 6	18 42	16 6	10 50	6 58
M19	23 12	20 3	0s43	19 39	1 57	19 18	2 44	23 49	0 42	16 6	0 15	21 17	1 51	12 36	0 36	11 1	0 5	15 20	5 50	19 6	18 42	16 5	10 49	6 57
T 20	23 13	20 44	1 48	19 57	1 50	18 59	2 41	23 47	0 42	16 7	0 15	21 17	1 51	12 36	0 36	11 1	0 5	15 20	5 50	19 5	18 41	16 3	10 48	6 57
W21	23 13	20 26	2 46	20 15	1 44	18 40	2 37	23 45	0 43	16 8	0 16	21 17	1 51	12 37	0 36	11 1	0 5	15 20	5 50	19 5	18 40	16 1	10 48	6 57
T 22	23 14	19 14	3 37	20 32	1 37	18 21	2 32	23 44	0 43	16 9	0 16	21 17	1 50	12 38	0 36	11 0	0 5	15 20	5 50	19 3	18 39	16 0	10 47	6 56
F 23	23 13	17 11	4 18	20 49	1 30	18 1	2 28	23 41	0 44	16 11	0 16	21 17	1 50	12 39	0 36	11 0	0 5	15 20	5 50	19 2	18 38	15 58	10 46	6 56
S 24	23 12	14 26	4 48	21 6	1 23	17 42	2 23	23 39	0 44	16 12	0 16	21 17	1 50	12 40	0 36	10 59	0 5	15 21	5 50	19 0	18 38	15 56	10 45	6 56
S 25	23 11	11 6	5 6	21 22	1 16	17 22	2 18	23 36	0 45	16 13	0 16	21 17	1 50	12 41	0 36	10 59	0 5	15 21	5 50	18 59	18 37	15 55	10 44	6 55
M26	23 9	7 19	5 10	21 37	1 8	17 2	2 13	23 33	0 45	16 15	0 16	21 17	1 50	12 41	0 36	10 58	0 5	15 21	5 50	18 57	18 36	15 53	10 43	6 55
T 27	23 7	3 14	5 0	21 52	1 1	16 42	2 8	23 30	0 46	16 16	0 17	21 17	1 50	12 42	0 36	10 58	0 5	15 21	5 50	18 56	18 35	15 51	10 42	6 55
W28	23 5	1s 2	4 38	22 5	0 53	16 22	2 2	23 27	0 46	16 18	0 17	21 16	1 50	12 43	0 36	10 57	0 5	15 21	5 50	18 55	18 35	15 50	10 42	6 54
T 29	23 2	5 20	4 2	22 18	0 46	16 2	1 56	23 23	0 46	16 20	0 17	21 16	1 50	12 44	0 36	10 57	0 5	15 22	5 50	18 55	18 34	15 48	10 41	6 54
F 30	22 58	9 32	3 13	22 29	0 38	15 42	1 49	23 19	0 47	16 21	0 17	21 16	1 50	12 44	0 36	10 56	0 5	15 22	5 50	18 55	18 33	15 46	10 40	6 54
S 31	22s54	13s24	2s14	22s40	0n31	15s21	1s43	23s15	0s47	16n23	0n17	21n16	1s49	12s45	0n36	10s56	0s 5	15n22	5s50	18s55	18s32	15n45	10s39	6n54

Julian Day Number = 3054529.5, Delta T = 02h28m20s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'03, Lahiri = 47°00'04

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

JANUARY 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 45 7	10♉20'34	13♏20	27♐49	23♒41	14♉59	15°R12	23°R58	5♏46	1♓31	23°R57	25♏20	23♏41	28♋28	11♒11	S 1
M 2	6 49 4	11°21'23	27°17	29°21	24°22	15°43	15♌ 6	23♊53	5°48	1°32	23♋56	25°R21	23°37	28°35	11°16	M 2
T 3	6 53 0	12°22'14	11♐42	0♉53	25° 1	16°27	15° 1	23°49	5°50	1°34	23°55	25°19	23°34	28°41	11°21	T 3
W 4	6 56 57	13°23'05	26°33	2°25	25°40	17°11	14°55	23°45	5°52	1°35	23°54	25°16	23°31	28°48	11°26	W 4
T 5	7 0 54	14°23'58	11♉41	3°58	26°17	17°55	14°49	23°40	5°54	1°37	23°53	25°11	23°28	28°55	11°31	T 5
F 6	7 4 50	15°24'51	26°58	5°30	26°53	18°40	14°43	23°36	5°56	1°39	23°51	25° 3	23°25	29° 1	11°36	F 6
S 7	7 8 47	16°25'46	12♒13	7° 3	27°28	19°24	14°36	23°32	5°58	1°41	23°50	24°55	23°21	29° 8	11°41	S 7
S 8	7 12 43	17°26'40	27°16	8°36	28° 1	20° 8	14°30	23°27	5°59	1°42	23°49	24°47	23°18	29°15	11°46	S 8
M 9	7 16 40	18°27'36	11♓56	10° 9	28°33	20°53	14°23	23°23	6° 1	1°44	23°48	24°40	23°15	29°22	11°51	M 9
T 10	7 20 36	19°28'32	26°10	11°42	29° 3	21°37	14°17	23°19	6° 3	1°46	23°47	24°35	23°12	29°28	11°56	T 10
W11	7 24 33	20°29'28	9♈56	13°15	29°32	22°22	14°10	23°15	6° 4	1°48	23°46	24°33	23° 9	29°35	12° 1	W11
T 12	7 28 30	21°30'25	23°14	14°48	29°59	23° 7	14° 3	23°11	6° 6	1°49	23°44	24°D32	23° 6	29°42	12° 6	T 12
F 13	7 32 26	22°31'22	6♉ 9	16°22	0♓24	23°51	13°56	23° 7	6° 8	1°51	23°43	24°33	23° 2	29°48	12°11	F 13
S 14	7 36 23	23°32'20	18°43	17°55	0°47	24°36	13°49	23° 3	6° 9	1°53	23°42	24°R34	22°59	29°55	12°16	S 14
S 15	7 40 19	24°33'18	1♊ 2	19°29	1° 9	25°21	13°42	22°59	6°10	1°55	23°41	24°34	22°56	0♌ 2	12°21	S 15
M16	7 44 16	25°34'17	13°10	21° 3	1°29	26° 6	13°34	22°56	6°12	1°57	23°40	24°32	22°53	0° 9	12°26	M16
T 17	7 48 12	26°35'16	25°10	22°37	1°46	26°51	13°27	22°52	6°13	1°59	23°38	24°27	22°50	0°15	12°32	T 17
W18	7 52 9	27°36'15	7♋ 5	24°12	2° 2	27°35	13°19	22°49	6°14	2° 1	23°37	24°20	22°47	0°22	12°37	W18
T 19	7 56 5	28°37'15	18°57	25°46	2°15	28°20	13°12	22°45	6°16	2° 3	23°36	24°10	22°43	0°29	12°42	T 19
F 20	8 0 2	29°38'15	0♌49	27°21	2°26	29° 5	13° 4	22°42	6°17	2° 5	23°35	23°58	22°40	0°35	12°47	F 20
S 21	8 3 59	0♒39'15	12°42	28°56	2°35	29°50	12°56	22°38	6°18	2° 7	23°34	23°45	22°37	0°42	12°52	S 21
S 22	8 7 55	1°40'16	24°36	0♒31	2°41	0♒36	12°49	22°35	6°19	2° 9	23°32	23°31	22°34	0°49	12°58	S 22
M23	8 11 52	2°41'17	6♍34	2° 7	2°46	1°21	12°41	22°32	6°20	2°11	23°31	23°19	22°31	0°56	13° 3	M23
T 24	8 15 48	3°42'19	18°37	3°43	2°R47	2° 6	12°33	22°29	6°21	2°13	23°30	23° 9	22°27	1° 2	13° 8	T 24
W25	8 19 45	4°43'21	0♎49	5°19	2°47	2°51	12°25	22°26	6°22	2°15	23°29	23° 1	22°24	1° 9	13°13	W25
T 26	8 23 41	5°44'24	13°11	6°55	2°44	3°36	12°17	22°23	6°23	2°17	23°28	22°56	22°21	1°16	13°19	T 26
F 27	8 27 38	6°45'27	25°48	8°32	2°38	4°22	12° 9	22°20	6°23	2°19	23°27	22°54	22°18	1°22	13°24	F 27
S 28	8 31 34	7°46'30	8♏43	10° 9	2°30	5° 7	12° 1	22°18	6°24	2°21	23°25	22°D53	22°15	1°29	13°29	S 28
S 29	8 35 31	8°47'34	22° 2	11°47	2°19	5°53	11°53	22°15	6°25	2°23	23°24	22°R53	22°12	1°36	13°35	S 29
M30	8 39 28	9°48'39	5♐46	13°24	2° 6	6°38	11°44	22°13	6°26	2°25	23°23	22°53	22° 8	1°43	13°40	M30
T 31	8 43 24	10♒49'44	19♐59	15♒ 2	1♓51	7♒24	11♌36	22♊10	6♏26	2♓28	23♋22	22♏51	22♏ 5	1♌49	13♒45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	16s44	1s 5	22s49	0n23	15s 1	1s36	23s11	0s48	16n25	0n17	21n16	1s49	12s46	0n36	10s55	0s 5	15n22	5s50	18s56	18s31	15n43	10s38	6n53
M 2	22 45	19 12	0n11	22 58	0 16	14 41	1 29	23 6	0 48	16 26	0 18	21 16	1 49	12 46	0 36	10 55	0 5	15 22	5 50	18 56	18 31	15 41	10 37	6 53
T 3	22 39	20 33	1 27	23 5	0 8	14 20	1 21	23 2	0 49	16 28	0 18	21 16	1 49	12 47	0 36	10 54	0 5	15 23	5 50	18 55	18 30	15 40	10 36	6 53
W 4	22 34	20 31	2 40	23 11	0 1	14 0	1 13	22 56	0 49	16 30	0 18	21 16	1 49	12 48	0 36	10 53	0 5	15 23	5 50	18 55	18 29	15 38	10 35	6 52
T 5	22 27	19 1	3 43	23 16	0s 6	13 40	1 5	22 51	0 49	16 32	0 18	21 16	1 49	12 48	0 36	10 53	0 5	15 23	5 50	18 53	18 28	15 36	10 34	6 52
F 6	22 21	16 9	4 31	23 20	0 13	13 20	0 57	22 46	0 50	16 34	0 18	21 16	1 49	12 49	0 36	10 52	0 5	15 23	5 50	18 52	18 28	15 35	10 32	6 52
S 7	22 14	12 11	4 59	23 22	0 20	13 0	0 48	22 40	0 50	16 36	0 18	21 16	1 48	12 49	0 36	10 52	0 5	15 23	5 50	18 50	18 27	15 33	10 31	6 52
S 8	22 6	7 31	5 6	23 24	0 27	12 40	0 39	22 34	0 51	16 38	0 18	21 16	1 48	12 50	0 36	10 51	0 5	15 24	5 50	18 48	18 26	15 31	10 30	6 52
M 9	21 58	2 30	4 53	23 24	0 34	12 20	0 29	22 28	0 51	16 40	0 19	21 16	1 48	12 51	0 36	10 50	0 5	15 24	5 50	18 46	18 25	15 30	10 29	6 51
T 10	21 50	2n30	4 21	23 23	0 40	12 0	0 20	22 21	0 51	16 42	0 19	21 16	1 48	12 51	0 36	10 50	0 5	15 24	5 50	18 45	18 24	15 28	10 28	6 51
W11	21 41	7 13	3 36	23 21	0 46	11 41	0 9	22 14	0 52	16 44	0 19	21 16	1 48	12 52	0 36	10 49	0 5	15 24	5 50	18 44	18 24	15 26	10 27	6 51
T 12	21 31	11 26	2 40	23 17	0 53	11 22	0n 1	22 7	0 52	16 46	0 19	21 16	1 48	12 52	0 36	10 49	0 5	15 25	5 50	18 44	18 23	15 25	10 26	6 51
F 13	21 22	14 59	1 37	23 12	0 59	11 3	0 12	22 0	0 52	16 48	0 19	21 16	1 47	12 53	0 36	10 48	0 5	15 25	5 50	18 44	18 22	15 23	10 25	6 50
S 14	21 12	17 44	0 31	23 6	1 5	10 44	0 23	21 53	0 53	16 51	0 19	21 16	1 47	12 53	0 36	10 47	0 5	15 25	5 50	18 45	18 21	15 21	10 23	6 50
S 15	21 1	19 37	0s35	22 59	1 10	10 26	0 34	21 45	0 53	16 53	0 20	21 16	1 47	12 53	0 36	10 47	0 5	15 25	5 50	18 44	18 20	15 19	10 22	6 50
M16	20 50	20 34	1 38	22 50	1 16	10 8	0 46	21 37	0 54	16 55	0 20	21 16	1 47	12 54	0 36	10 46	0 5	15 26	5 50	18 44	18 20	15 18	10 21	6 50
T 17	20 39	20 33	2 36	22 41	1 21	9 50	0 58	21 29	0 54	16 57	0 20	21 16	1 47	12 54	0 36	10 45	0 5	15 26	5 50	18 43	18 19	15 16	10 20	6 50
W18	20 27	19 36	3 26	22 30	1 26	9 33	1 11	21 21	0 54	16 59	0 20	21 16	1 46	12 55	0 36	10 45	0 5	15 26	5 50	18 41	18 18	15 14	10 18	6 50
T 19	20 15	17 49	4 7	22 17	1 31	9 16	1 24	21 12	0 55	17 2	0 20	21 16	1 46	12 55	0 36	10 44	0 5	15 26	5 50	18 39	18 17	15 13	10 17	6 50
F 20	20 3	15 16	4 38	22 4	1 35	9 0	1 37	21 3	0 55	17 4	0 20	21 16	1 46	12 55	0 36	10 43	0 5	15 27	5 49	18 36	18 16	15 11	10 16	6 49
S 21	19 50	12 6	4 56	21 49	1 40	8 44	1 51	20 54	0 55	17 6	0 20	21 16	1 46	12 56	0 36	10 42	0 5	15 27	5 49	18 33	18 16	15 9	10 15	6 49
S 22	19 37	8 27	5 1	21 33	1 44	8 29	2 4	20 45	0 56	17 9	0 21	21 16	1 46	12 56	0 36	10 42	0 5	15 27	5 49	18 29	18 15	15 7	10 13	6 49
M23	19 23	4 28	4 54	21 16	1 48	8 15	2 18	20 36	0 56	17 11	0 21	21 16	1 45	12 56	0 36	10 41	0 5	15 27	5 49	18 26	18 14	15 6	10 12	6 49
T 24	19 9	0 16	4 33	20 57	1 51	8 1	2 33	20 26	0 56	17 13	0 21	21 16	1 45	12 57	0 36	10 40	0 5	15 28	5 49	18 24	18 13	15 4	10 11	6 49
W25	18 55	3s59	3 59	20 37	1 54	7 47	2 47	20 16	0 57	17 16	0 21	21 16	1 45	12 57	0 36	10 40	0 5	15 28	5 49	18 22	18 12	15 2	10 9	6 49
T 26	18 40	8 8	3 14	20 16	1 57	7 34	3 2	20 6	0 57	17 18	0 21	21 16	1 45	12 57	0 36	10 39	0 5	15 28	5 49	18 20	18 12	15 1	10 8	6 49
F 27	18 25	12 2	2 18	19 54	2 0	7 22	3 17	19 56	0 57	17 20	0 21	21 16	1 45	12 57	0 36	10 38	0 5	15 28	5 49	18 20	18 11	14 59	10 7	6 49
S 28	18 10	15 27	1 14	19 30	2 2	7 11	3 32	19 45	0 58	17 23	0 21	21 16	1 44	12 58	0 36	10 37	0 5	15 29	5 49	18 20	18 10	14 57	10 5	6 49
S 29	17 54	18 11	0 5	19 6	2 4	7 1	3 47	19 34	0 58	17 25	0 22	21 16	1 44	12 58	0 37	10 37	0 5	15 29	5 49	18 20	18 9	14 55	10 4	6 49
M30	17 38	19 58	1n 8	18 40	2 6	6 51	4 3	19 23	0 58	17 28	0 22	21 16	1 44	12 58	0 37	10 36	0 5	15 29	5 49	18 20	18 8	14 54	10 2	6 48
T 31	17s22	20s33	2n18	18s12	2s 7	6s42	4n18	19s12	0s59	17n30	0n22	21n16	1s44	12s58	0n37	10s35	0s 5	15n30	5s49	18s19	18s 8	14n52	10s 1	6n48

Julian Day Number = 3054560.5, Delta T = 02h28m21s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'08, Lahiri = 47°00'08

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

FEBRUARY 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 47 21	11♒50'49	4♉38	16♒41	1°R33	8♒ 9	11°R28	22°R 8	6♏27	2♓30	23°R21	22°R46	22♏ 2	1♌56	13♒51	W 1
T 2	8 51 17	12°51'54	19°40	18°20	1♓13	8°55	11♌20	22♊ 6	6°27	2°32	23♋20	22♏38	21°59	2° 3	13°56	T 2
F 3	8 55 14	13°53'00	4♒57	19°59	0°50	9°40	11°12	22° 4	6°27	2°34	23°19	22°27	21°56	2° 9	14° 1	F 3
S 4	8 59 10	14°54'05	20°17	21°38	0°25	10°26	11° 4	22° 2	6°28	2°36	23°18	22°16	21°53	2°16	14° 7	S 4
S 5	9 3 7	15°55'10	5♓29	23°18	29♒59	11°12	10°56	22° 0	6°28	2°38	23°16	22° 4	21°49	2°23	14°12	S 5
M 6	9 7 3	16°56'15	20°22	24°58	29°30	11°58	10°48	21°58	6°28	2°41	23°15	21°54	21°46	2°30	14°17	M 6
T 7	9 11 0	17°57'19	4♈49	26°39	29° 0	12°43	10°40	21°56	6°28	2°43	23°14	21°46	21°43	2°36	14°23	T 7
W 8	9 14 57	18°58'23	18°46	28°19	28°28	13°29	10°32	21°55	6°28	2°45	23°13	21°41	21°40	2°43	14°28	W 8
T 9	9 18 53	19°59'26	2♉13	29°59	27°54	14°15	10°24	21°53	6°R29	2°47	23°12	21°39	21°37	2°50	14°33	T 9
F 10	9 22 50	21° 0'29	15°12	1♓40	27°20	15° 1	10°16	21°52	6°29	2°50	23°11	21°38	21°33	2°56	14°38	F 10
S 11	9 26 46	22° 1'32	27°47	3°21	26°44	15°47	10° 8	21°51	6°28	2°52	23°10	21°38	21°30	3° 3	14°44	S 11
S 12	9 30 43	23° 2'33	10♊ 4	5° 1	26° 8	16°33	10° 1	21°49	6°28	2°54	23° 9	21°37	21°27	3°10	14°49	S 12
M13	9 34 39	24° 3'34	22° 8	6°41	25°31	17°19	9°53	21°48	6°28	2°56	23° 8	21°35	21°24	3°17	14°54	M13
T 14	9 38 36	25° 4'34	4♋ 3	8°21	24°54	18° 5	9°45	21°48	6°28	2°59	23° 7	21°30	21°21	3°23	15° 0	T 14
W15	9 42 32	26° 5'34	15°54	9°59	24°17	18°51	9°38	21°47	6°28	3° 1	23° 6	21°22	21°18	3°30	15° 5	W15
T 16	9 46 29	27° 6'33	27°45	11°37	23°40	19°37	9°30	21°46	6°27	3° 3	23° 5	21°11	21°14	3°37	15°10	T 16
F 17	9 50 26	28° 7'31	9♌37	13°14	23° 4	20°24	9°23	21°45	6°27	3° 5	23° 4	20°57	21°11	3°43	15°15	F 17
S 18	9 54 22	29° 8'28	21°33	14°49	22°29	21°10	9°16	21°45	6°26	3° 8	23° 3	20°43	21° 8	3°50	15°20	S 18
S 19	9 58 19	0♓ 9'25	3♍33	16°22	21°55	21°56	9° 9	21°45	6°26	3°10	23° 2	20°28	21° 5	3°57	15°26	S 19
M20	10 2 15	1°10'21	15°40	17°53	21°22	22°42	9° 2	21°44	6°25	3°12	23° 1	20°14	21° 2	4° 4	15°31	M20
T 21	10 6 12	2°11'17	27°54	19°21	20°50	23°29	8°55	21°44	6°25	3°14	23° 0	20° 3	20°58	4°10	15°36	T 21
W22	10 10 8	3°12'11	10♎15	20°45	20°21	24°15	8°48	21°D44	6°24	3°17	23° 0	19°54	20°55	4°17	15°41	W22
T 23	10 14 5	4°13'06	22°47	22° 6	19°53	25° 1	8°41	21°44	6°23	3°19	22°59	19°48	20°52	4°24	15°46	T 23
F 24	10 18 1	5°13'59	5♏30	23°22	19°27	25°48	8°35	21°45	6°23	3°21	22°58	19°45	20°49	4°30	15°51	F 24
S 25	10 21 58	6°14'53	18°28	24°32	19° 3	26°34	8°28	21°45	6°22	3°24	22°57	19°D44	20°46	4°37	15°56	S 25
S 26	10 25 55	7°15'45	1♐44	25°36	18°42	27°21	8°22	21°45	6°21	3°26	22°56	19°R45	20°43	4°44	16° 1	S 26
M27	10 29 51	8°16'37	15°20	26°33	18°22	28° 7	8°16	21°46	6°20	3°28	22°55	19°45	20°39	4°51	16° 6	M27
T 28	10 33 48	9♓17'29	29♐19	27♓23	18♒ 5	28♒54	8♌10	21♊46	6♏19	3♓30	22♋55	19♏43	20♏36	4♌57	16♒11	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 5	19s47	3n22	17s44	2s 8	6s34	4n33	19s 1	0s59	17n32	0n22	21n16	1s43	12s58	0n37	10s34	0s 5	15n30	5s49	18s18	18s 7	14n50	10s 0	6n48
T 2	16 48	17 38	4 13	17 14	2 9	6 26	4 49	18 49	0 59	17 35	0 22	21 17	1 43	12 58	0 37	10 34	0 5	15 30	5 48	18 16	18 6	14 48	9 58	6 48
F 3	16 31	14 13	4 47	16 44	2 9	6 20	5 4	18 37	0 59	17 37	0 22	21 17	1 43	12 58	0 37	10 33	0 5	15 30	5 48	18 13	18 5	14 47	9 57	6 48
S 4	16 13	9 50	5 0	16 12	2 8	6 15	5 19	18 26	1 0	17 39	0 22	21 17	1 43	12 59	0 37	10 32	0 5	15 31	5 48	18 10	18 4	14 45	9 55	6 48
S 5	15 55	4 53	4 52	15 38	2 8	6 10	5 33	18 13	1 0	17 42	0 22	21 17	1 42	12 59	0 37	10 31	0 5	15 31	5 48	18 7	18 4	14 43	9 54	6 48
M 6	15 37	0n17	4 25	15 4	2 6	6 6	5 47	18 1	1 0	17 44	0 23	21 17	1 42	12 59	0 37	10 31	0 5	15 31	5 48	18 5	18 3	14 41	9 52	6 48
T 7	15 19	5 17	3 40	14 29	2 5	6 4	6 1	17 48	1 1	17 46	0 23	21 17	1 42	12 59	0 37	10 30	0 5	15 32	5 48	18 3	18 2	14 40	9 51	6 48
W 8	15 0	9 49	2 44	13 52	2 2	6 2	6 15	17 36	1 1	17 48	0 23	21 17	1 42	12 59	0 37	10 29	0 5	15 32	5 48	18 1	18 1	14 38	9 49	6 48
T 9	14 41	13 43	1 41	13 15	2 0	6 1	6 28	17 23	1 1	17 51	0 23	21 17	1 41	12 59	0 37	10 28	0 5	15 32	5 48	18 1	18 0	14 36	9 48	6 48
F 10	14 22	16 47	0 34	12 36	1 56	6 1	6 40	17 10	1 1	17 53	0 23	21 18	1 41	12 59	0 37	10 27	0 5	15 32	5 48	18 1	17 59	14 34	9 46	6 48
S 11	14 3	18 58	0s33	11 56	1 53	6 2	6 51	16 57	1 2	17 55	0 23	21 18	1 41	12 59	0 37	10 27	0 5	15 33	5 47	18 1	17 59	14 33	9 45	6 48
S 12	13 43	20 11	1 36	11 16	1 48	6 3	7 2	16 43	1 2	17 57	0 23	21 18	1 41	12 59	0 37	10 26	0 5	15 33	5 47	18 0	17 58	14 31	9 43	6 48
M13	13 23	20 26	2 34	10 34	1 43	6 6	7 12	16 29	1 2	17 59	0 23	21 18	1 41	12 58	0 37	10 25	0 5	15 33	5 47	18 0	17 57	14 29	9 42	6 48
T 14	13 3	19 46	3 24	9 52	1 37	6 9	7 22	16 16	1 2	18 1	0 23	21 18	1 40	12 58	0 37	10 24	0 5	15 33	5 47	17 58	17 56	14 27	9 40	6 49
W15	12 43	18 14	4 5	9 9	1 31	6 13	7 30	16 2	1 2	18 4	0 23	21 19	1 40	12 58	0 37	10 23	0 5	15 34	5 47	17 56	17 55	14 26	9 39	6 49
T 16	12 22	15 55	4 35	8 26	1 23	6 17	7 38	15 48	1 3	18 6	0 24	21 19	1 40	12 58	0 37	10 23	0 5	15 34	5 47	17 54	17 55	14 24	9 37	6 49
F 17	12 1	12 58	4 54	7 42	1 15	6 22	7 44	15 33	1 3	18 8	0 24	21 19	1 40	12 58	0 37	10 22	0 5	15 34	5 47	17 50	17 54	14 22	9 36	6 49
S 18	11 40	9 28	4 59	6 57	1 7	6 28	7 50	15 19	1 3	18 10	0 24	21 19	1 39	12 58	0 37	10 21	0 5	15 35	5 47	17 46	17 53	14 20	9 34	6 49
S 19	11 19	5 34	4 52	6 13	0 57	6 34	7 55	15 4	1 3	18 12	0 24	21 19	1 39	12 58	0 37	10 20	0 5	15 35	5 46	17 42	17 52	14 19	9 32	6 49
M20	10 58	1 26	4 31	5 28	0 47	6 40	7 59	14 49	1 3	18 13	0 24	21 20	1 39	12 57	0 37	10 19	0 5	15 35	5 46	17 39	17 51	14 17	9 31	6 49
T 21	10 36	2s49	3 58	4 44	0 36	6 47	8 2	14 35	1 4	18 15	0 24	21 20	1 39	12 57	0 37	10 19	0 5	15 35	5 46	17 36	17 50	14 15	9 29	6 49
W22	10 14	6 59	3 13	4 0	0 24	6 54	8 4	14 19	1 4	18 17	0 24	21 20	1 38	12 57	0 37	10 18	0 5	15 36	5 46	17 33	17 50	14 13	9 28	6 49
T 23	9 53	10 55	2 18	3 17	0 12	7 2	8 5	14 4	1 4	18 19	0 24	21 20	1 38	12 57	0 37	10 17	0 5	15 36	5 46	17 32	17 49	14 11	9 26	6 49
F 24	9 31	14 25	1 15	2 35	0n 2	7 9	8 6	13 49	1 4	18 21	0 24	21 21	1 38	12 56	0 37	10 16	0 5	15 36	5 46	17 31	17 48	14 10	9 25	6 50
S 25	9 8	17 17	0 7	1 55	0 16	7 16	8 5	13 33	1 4	18 23	0 24	21 21	1 38	12 56	0 37	10 15	0 5	15 37	5 46	17 31	17 47	14 8	9 23	6 50
S 26	8 46	19 17	1n 3	1 16	0 30	7 24	8 4	13 18	1 4	18 24	0 24	21 21	1 37	12 56	0 37	10 15	0 5	15 37	5 46	17 31	17 46	14 6	9 21	6 50
M27	8 24	20 15	2 11	0 39	0 46	7 31	8 2	13 2	1 5	18 26	0 25	21 21	1 37	12 55	0 37	10 14	0 5	15 37	5 45	17 31	17 45	14 4	9 20	6 50
T 28	8s 1	20s 0	3n14	0s 5	1n 1	7s39	7n59	12s46	1s 5	18n28	0n25	21n22	1s37	12s55	0n37	10s13	0s 5	15n37	5s45	17s30	17s45	14n 2	9s18	6n50

Julian Day Number = 3054591.5, Delta T = 02h28m21s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'12, Lahiri = 47°00'12

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

MARCH 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 37 44	10♓18'20	13♉41	28♓ 4	17°R51	29♒40	8°R 4	21♊47	6°R18	3♓33	22°R54	19°R39	20♏33	5♌ 4	16♒16	W 1
T 2	10 41 41	11°19'10	28°23	28°35	17♒39	0♓27	7♌58	21°48	6♏17	3°35	22♋53	19♏32	20°30	5°11	16°21	T 2
F 3	10 45 37	12°19'59	13♒21	28°57	17°30	1°14	7°53	21°49	6°16	3°37	22°52	19°24	20°27	5°17	16°26	F 3
S 4	10 49 34	13°20'48	28°26	29° 8	17°23	2° 0	7°47	21°50	6°14	3°39	22°52	19°13	20°24	5°24	16°31	S 4
S 5	10 53 30	14°21'35	13♓28	29°R 8	17°18	2°47	7°42	21°51	6°13	3°42	22°51	19° 3	20°20	5°31	16°36	S 5
M 6	10 57 27	15°22'21	28°17	28°57	17°D16	3°34	7°37	21°53	6°12	3°44	22°50	18°54	20°17	5°38	16°41	M 6
T 7	11 1 24	16°23'06	12♈45	28°36	17°17	4°20	7°32	21°54	6°11	3°46	22°50	18°46	20°14	5°44	16°45	T 7
W 8	11 5 20	17°23'50	26°47	28° 4	17°20	5° 7	7°28	21°56	6° 9	3°48	22°49	18°42	20°11	5°51	16°50	W 8
T 9	11 9 17	18°24'32	10♉20	27°22	17°25	5°54	7°23	21°57	6° 8	3°51	22°48	18°40	20° 8	5°58	16°55	T 9
F 10	11 13 13	19°25'13	23°26	26°32	17°32	6°41	7°19	21°59	6° 6	3°53	22°48	18°D39	20° 4	6° 4	17° 0	F 10
S 11	11 17 10	20°25'53	6♊ 8	25°35	17°42	7°28	7°14	22° 1	6° 5	3°55	22°47	18°40	20° 1	6°11	17° 4	S 11
S 12	11 21 6	21°26'31	18°29	24°32	17°54	8°14	7°10	22° 3	6° 3	3°57	22°47	18°R41	19°58	6°18	17° 9	S 12
M13	11 25 3	22°27'07	0♋35	23°26	18° 8	9° 1	7° 7	22° 5	6° 2	3°59	22°46	18°40	19°55	6°25	17°14	M13
T 14	11 28 59	23°27'42	12°31	22°17	18°24	9°48	7° 3	22° 7	6° 0	4° 2	22°46	18°38	19°52	6°31	17°18	T 14
W15	11 32 56	24°28'15	24°23	21° 8	18°42	10°35	6°59	22° 9	5°58	4° 4	22°45	18°34	19°49	6°38	17°23	W15
T 16	11 36 52	25°28'47	6♌13	20° 1	19° 2	11°22	6°56	22°12	5°56	4° 6	22°45	18°27	19°45	6°45	17°27	T 16
F 17	11 40 49	26°29'17	18° 7	18°57	19°23	12° 9	6°53	22°14	5°55	4° 8	22°44	18°18	19°42	6°51	17°32	F 17
S 18	11 44 46	27°29'45	0♍ 7	17°57	19°47	12°56	6°50	22°17	5°53	4°10	22°44	18° 9	19°39	6°58	17°36	S 18
S 19	11 48 42	28°30'12	12°15	17° 3	20°12	13°43	6°48	22°20	5°51	4°12	22°43	17°59	19°36	7° 5	17°40	S 19
M20	11 52 39	29°30'37	24°33	16°16	20°40	14°30	6°45	22°22	5°49	4°14	22°43	17°49	19°33	7°12	17°45	M20
T 21	11 56 35	0♈31'00	7♎ 1	15°35	21° 8	15°17	6°43	22°25	5°47	4°17	22°43	17°42	19°30	7°18	17°49	T 21
W22	12 0 32	1°31'22	19°39	15° 1	21°39	16° 4	6°41	22°28	5°45	4°19	22°42	17°36	19°26	7°25	17°53	W22
T 23	12 4 28	2°31'43	2♏29	14°35	22°10	16°51	6°39	22°32	5°43	4°21	22°42	17°33	19°23	7°32	17°57	T 23
F 24	12 8 25	3°32'02	15°29	14°16	22°44	17°38	6°37	22°35	5°41	4°23	22°42	17°D31	19°20	7°38	18° 1	F 24
S 25	12 12 21	4°32'20	28°42	14° 4	23°18	18°25	6°35	22°38	5°39	4°25	22°41	17°32	19°17	7°45	18° 5	S 25
S 26	12 16 18	5°32'37	12♐ 8	14°D 0	23°54	19°12	6°34	22°41	5°37	4°27	22°41	17°33	19°14	7°52	18° 9	S 26
M27	12 20 15	6°32'52	25°49	14° 2	24°32	19°59	6°33	22°45	5°35	4°29	22°41	17°35	19°10	7°59	18°13	M27
T 28	12 24 11	7°33'06	9♑44	14°10	25°10	20°46	6°32	22°49	5°33	4°31	22°41	17°R35	19° 7	8° 5	18°17	T 28
W29	12 28 8	8°33'19	23°53	14°24	25°50	21°33	6°31	22°52	5°30	4°33	22°40	17°34	19° 4	8°12	18°21	W29
T 30	12 32 4	9°33'30	8♒16	14°44	26°31	22°20	6°31	22°56	5°28	4°35	22°40	17°31	19° 1	8°19	18°25	T 30
F 31	12 36 1	10♈33'40	22♒49	15♓ 9	27♒13	23♓ 8	6♌30	23♊ 0	5♏26	4♓37	22♋40	17♏27	18♏58	8♌26	18♒29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s38	18s28	4n 5	0n25	1n18	7s46	7n56	12s30	1s 5	18n29	0n25	21n22	1s37	12s55	0n37	10s12	0s 5	15n38	5s45	17s29	17s44	14n 1	9s17	6n50
T 2	7 15	15 41	4 42	0 53	1 34	7 53	7 52	12 14	1 5	18 31	0 25	21 22	1 36	12 54	0 37	10 11	0 5	15 38	5 45	17 28	17 43	13 59	9 15	6 50
F 3	6 52	11 51	5 1	1 16	1 50	8 0	7 48	11 58	1 5	18 32	0 25	21 23	1 36	12 54	0 37	10 11	0 5	15 38	5 45	17 25	17 42	13 57	9 14	6 51
S 4	6 29	7 14	4 59	1 35	2 6	8 7	7 43	11 41	1 5	18 34	0 25	21 23	1 36	12 54	0 37	10 10	0 5	15 38	5 45	17 23	17 41	13 55	9 12	6 51
S 5	6 6	2 12	4 36	1 50	2 22	8 14	7 38	11 25	1 5	18 35	0 25	21 23	1 36	12 53	0 37	10 9	0 5	15 39	5 44	17 20	17 40	13 54	9 10	6 51
M 6	5 43	2n55	3 55	1 59	2 37	8 20	7 32	11 8	1 6	18 36	0 25	21 24	1 35	12 53	0 37	10 8	0 5	15 39	5 44	17 17	17 40	13 52	9 9	6 51
T 7	5 20	7 45	2 59	2 4	2 51	8 26	7 25	10 51	1 6	18 38	0 25	21 24	1 35	12 52	0 37	10 7	0 5	15 39	5 44	17 15	17 39	13 50	9 7	6 51
W 8	4 56	12 0	1 54	2 2	3 3	8 31	7 19	10 34	1 6	18 39	0 25	21 24	1 35	12 52	0 37	10 7	0 5	15 39	5 44	17 14	17 38	13 48	9 6	6 52
T 9	4 33	15 29	0 44	1 56	3 14	8 36	7 12	10 17	1 6	18 40	0 25	21 25	1 35	12 51	0 38	10 6	0 5	15 40	5 44	17 13	17 37	13 46	9 4	6 52
F 10	4 9	18 3	0s26	1 45	3 23	8 41	7 5	10 0	1 6	18 41	0 25	21 25	1 34	12 51	0 38	10 5	0 5	15 40	5 44	17 13	17 36	13 44	9 2	6 52
S 11	3 46	19 37	1 32	1 29	3 30	8 45	6 57	9 43	1 6	18 42	0 25	21 25	1 34	12 50	0 38	10 4	0 5	15 40	5 44	17 13	17 35	13 43	9 1	6 52
S 12	3 22	20 12	2 33	1 9	3 35	8 49	6 49	9 26	1 6	18 43	0 25	21 26	1 34	12 50	0 38	10 3	0 6	15 40	5 43	17 14	17 34	13 41	8 59	6 53
M13	2 58	19 48	3 25	0 45	3 38	8 53	6 41	9 8	1 6	18 44	0 25	21 26	1 34	12 49	0 38	10 3	0 6	15 41	5 43	17 14	17 34	13 39	8 58	6 53
T 14	2 34	18 32	4 8	0 18	3 38	8 56	6 33	8 51	1 6	18 45	0 25	21 26	1 33	12 49	0 38	10 2	0 6	15 41	5 43	17 13	17 33	13 37	8 56	6 53
W15	2 11	16 28	4 39	0s11	3 35	8 58	6 25	8 33	1 6	18 46	0 26	21 27	1 33	12 48	0 38	10 1	0 6	15 41	5 43	17 12	17 32	13 35	8 55	6 53
T 16	1 47	13 43	4 59	0 41	3 31	9 0	6 17	8 16	1 6	18 47	0 26	21 27	1 33	12 47	0 38	10 0	0 6	15 41	5 43	17 10	17 31	13 34	8 53	6 54
F 17	1 23	10 24	5 6	1 12	3 25	9 2	6 8	7 58	1 6	18 48	0 26	21 28	1 33	12 47	0 38	10 0	0 6	15 42	5 43	17 8	17 30	13 32	8 51	6 54
S 18	0 59	6 39	4 59	1 42	3 16	9 3	6 0	7 40	1 6	18 49	0 26	21 28	1 32	12 46	0 38	9 59	0 6	15 42	5 42	17 5	17 29	13 30	8 50	6 54
S 19	0 35	2 36	4 39	2 12	3 6	9 4	5 51	7 22	1 6	18 49	0 26	21 28	1 32	12 46	0 38	9 58	0 6	15 42	5 42	17 2	17 29	13 28	8 48	6 55
M20	0 12	1s37	4 6	2 41	2 55	9 4	5 42	7 4	1 6	18 50	0 26	21 29	1 32	12 45	0 38	9 57	0 6	15 42	5 42	17 0	17 28	13 26	8 47	6 55
T 21	0n12	5 50	3 21	3 7	2 43	9 3	5 33	6 46	1 6	18 51	0 26	21 29	1 32	12 44	0 38	9 57	0 6	15 43	5 42	16 57	17 27	13 25	8 45	6 55
W22	0 36	9 51	2 25	3 32	2 30	9 2	5 24	6 28	1 6	18 51	0 26	21 30	1 31	12 44	0 38	9 56	0 6	15 43	5 42	16 56	17 26	13 23	8 44	6 56
T 23	1 0	13 29	1 20	3 55	2 17	9 1	5 16	6 10	1 6	18 52	0 26	21 30	1 31	12 43	0 38	9 55	0 6	15 43	5 41	16 55	17 25	13 21	8 42	6 56
F 24	1 24	16 31	0 11	4 15	2 3	8 59	5 7	5 52	1 6	18 52	0 26	21 30	1 31	12 42	0 38	9 54	0 6	15 43	5 41	16 55	17 24	13 19	8 41	6 56
S 25	1 47	18 43	1n 0	4 32	1 49	8 56	4 58	5 34	1 6	18 53	0 26	21 31	1 31	12 42	0 38	9 54	0 6	15 43	5 41	16 55	17 23	13 17	8 39	6 56
S 26	2 11	19 54	2 9	4 47	1 35	8 53	4 49	5 15	1 6	18 53	0 26	21 31	1 31	12 41	0 38	9 53	0 6	15 44	5 41	16 55	17 23	13 15	8 38	6 57
M27	2 35	19 57	3 13	4 59	1 21	8 49	4 40	4 57	1 6	18 53	0 26	21 32	1 30	12 40	0 38	9 52	0 6	15 44	5 41	16 55	17 22	13 14	8 36	6 57
T 28	2 58	18 47	4 6	5 9	1 7	8 45	4 31	4 39	1 6	18 54	0 26	21 32	1 30	12 39	0 38	9 51	0 6	15 44	5 41	16 56	17 21	13 12	8 35	6 58
W29	3 22	16 28	4 45	5 16	0 53	8 40	4 22	4 20	1 6	18 54	0 26	21 32	1 30	12 39	0 38	9 51	0 6	15 44	5 40	16 55	17 20	13 10	8 33	6 58
T 30	3 45	13 6	5 7	5 21	0 39	8 35	4 14	4 2	1 6	18 54	0 26	21 33	1 30	12 38	0 38	9 50	0 6	15 44	5 40	16 54	17 19	13 8	8 32	6 58
F 31	4n 9	8s54	5n 9	5s24	0n26	8s29	4n 5	3s43	1s 6	18n54	0n26	21n33	1s29	12s37	0n38	9s49	0s 6	15n45	5s40	16s53	17s18	13n 6	8s30	6n59

Julian Day Number = 3054619.5, Delta T = 02h28m22s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'16, Lahiri = 47°00'16

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

APRIL 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 57	11♈33'48	7♓27	15♓39	27♒56	23♓55	6°D30	23♊ 4	5°R24	4♓39	22°R40	17°R22	18♏55	8♌32	18♒33	S 1
S 2	12 43 54	12°33'55	22° 3	16°14	28°40	24°42	6♌30	23° 8	5♏21	4°40	22♋40	17♏16	18°51	8°39	18°36	S 2
M 3	12 47 50	13°34'00	6♈31	16°53	29°25	25°29	6°31	23°12	5°19	4°42	22°40	17°11	18°48	8°46	18°40	M 3
T 4	12 51 47	14°34'03	20°43	17°35	0♓11	26°16	6°31	23°16	5°17	4°44	22°40	17° 7	18°45	8°52	18°43	T 4
W 5	12 55 43	15°34'04	4♉36	18°22	0°58	27° 3	6°32	23°21	5°14	4°46	22°40	17° 5	18°42	8°59	18°47	W 5
T 6	12 59 40	16°34'04	18° 6	19°12	1°46	27°51	6°32	23°25	5°12	4°48	22°D40	17°D 4	18°39	9° 6	18°50	T 6
F 7	13 3 37	17°34'02	1♊13	20° 5	2°34	28°38	6°34	23°29	5° 9	4°50	22°40	17° 5	18°35	9°13	18°54	F 7
S 8	13 7 33	18°33'58	13°57	21° 1	3°23	29°25	6°35	23°34	5° 7	4°51	22°40	17° 7	18°32	9°19	18°57	S 8
S 9	13 11 30	19°33'51	26°23	22° 0	4°13	0♈12	6°36	23°39	5° 5	4°53	22°40	17° 8	18°29	9°26	19° 0	S 9
M10	13 15 26	20°33'43	8♋33	23° 2	5° 4	0°59	6°38	23°43	5° 2	4°55	22°40	17°10	18°26	9°33	19° 4	M10
T 11	13 19 23	21°33'32	20°32	24° 6	5°56	1°46	6°40	23°48	5° 0	4°57	22°40	17°R10	18°23	9°39	19° 7	T 11
W12	13 23 19	22°33'20	2♌26	25°13	6°48	2°34	6°42	23°53	4°57	4°58	22°40	17°10	18°20	9°46	19°10	W12
T 13	13 27 16	23°33'05	14°18	26°22	7°40	3°21	6°44	23°58	4°55	5° 0	22°40	17° 8	18°16	9°53	19°13	T 13
F 14	13 31 12	24°32'48	26°14	27°33	8°34	4° 8	6°46	24° 3	4°52	5° 2	22°41	17° 6	18°13	10° 0	19°16	F 14
S 15	13 35 9	25°32'29	8♍17	28°46	9°28	4°55	6°49	24° 8	4°49	5° 3	22°41	17° 3	18°10	10° 6	19°19	S 15
S 16	13 39 6	26°32'07	20°30	0♈ 0	10°22	5°42	6°52	24°14	4°47	5° 5	22°41	16°59	18° 7	10°13	19°22	S 16
M17	13 43 2	27°31'44	2♎57	1°17	11°17	6°29	6°54	24°19	4°44	5° 6	22°41	16°56	18° 4	10°20	19°24	M17
T 18	13 46 59	28°31'19	15°38	2°36	12°13	7°16	6°58	24°24	4°42	5° 8	22°42	16°53	18° 1	10°27	19°27	T 18
W19	13 50 55	29°30'51	28°35	3°56	13° 9	8° 4	7° 1	24°30	4°39	5°10	22°42	16°52	17°57	10°33	19°30	W19
T 20	13 54 52	0♉30'22	11♏46	5°18	14° 6	8°51	7° 4	24°35	4°37	5°11	22°42	16°D51	17°54	10°40	19°32	T 20
F 21	13 58 48	1°29'51	25°11	6°42	15° 3	9°38	7° 8	24°41	4°34	5°12	22°42	16°51	17°51	10°47	19°35	F 21
S 22	14 2 45	2°29'18	8♐49	8° 7	16° 1	10°25	7°12	24°46	4°31	5°14	22°43	16°52	17°48	10°53	19°37	S 22
S 23	14 6 41	3°28'44	22°37	9°34	16°59	11°12	7°16	24°52	4°29	5°15	22°43	16°53	17°45	11° 0	19°40	S 23
M24	14 10 38	4°28'08	6♑35	11° 2	17°57	11°59	7°20	24°58	4°26	5°17	22°44	16°54	17°41	11° 7	19°42	M24
T 25	14 14 35	5°27'30	20°40	12°32	18°56	12°46	7°24	25° 4	4°24	5°18	22°44	16°55	17°38	11°14	19°44	T 25
W26	14 18 31	6°26'50	4♒51	14° 3	19°56	13°33	7°29	25°10	4°21	5°19	22°44	16°R55	17°35	11°20	19°47	W26
T 27	14 22 28	7°26'09	19° 4	15°36	20°56	14°20	7°34	25°16	4°18	5°21	22°45	16°55	17°32	11°27	19°49	T 27
F 28	14 26 24	8°25'26	3♓18	17°10	21°56	15° 7	7°38	25°22	4°16	5°22	22°45	16°54	17°29	11°34	19°51	F 28
S 29	14 30 21	9°24'41	17°31	18°46	22°56	15°54	7°43	25°28	4°13	5°23	22°46	16°53	17°26	11°40	19°53	S 29
S 30	14 34 17	10♉23'55	1♈37	20♈23	23♓57	16♈42	7♌49	25♊34	4♏11	5♓24	22♋47	16♏52	17♏22	11♌47	19♒55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n32	4s10	4n52	5s24	0n14	8s23	3n56	3s24	1s 6	18n54	0n26	21n34	1s29	12s36	0n38	9s49	0s 6	15n45	5s40	16s52	17s17	13n 4	8s29	6n59
S 2	4 55	0n48	4 16	5 22	0 1	8 16	3 47	3 6	1 6	18 54	0 26	21 34	1 29	12 36	0 38	9 48	0 6	15 45	5 40	16 50	17 17	13 2	8 27	6 59
M 3	5 18	5 41	3 23	5 18	0s10	8 9	3 39	2 47	1 6	18 54	0 26	21 35	1 29	12 35	0 38	9 47	0 6	15 45	5 40	16 49	17 16	13 1	8 26	7 0
T 4	5 42	10 10	2 19	5 12	0 22	8 1	3 30	2 29	1 6	18 54	0 26	21 35	1 29	12 34	0 38	9 47	0 6	15 45	5 39	16 48	17 15	12 59	8 24	7 0
W 5	6 5	14 0	1 8	5 4	0 33	7 53	3 22	2 10	1 6	18 54	0 26	21 35	1 28	12 33	0 38	9 46	0 6	15 46	5 39	16 47	17 14	12 57	8 23	7 1
T 6	6 27	16 59	0s 6	4 54	0 43	7 44	3 14	1 51	1 5	18 54	0 26	21 36	1 28	12 33	0 38	9 45	0 6	15 46	5 39	16 47	17 13	12 55	8 21	7 1
F 7	6 50	18 58	1 17	4 43	0 53	7 35	3 5	1 32	1 5	18 54	0 26	21 36	1 28	12 32	0 38	9 45	0 6	15 46	5 39	16 47	17 12	12 53	8 20	7 1
S 8	7 13	19 55	2 22	4 29	1 3	7 25	2 57	1 14	1 5	18 53	0 26	21 37	1 28	12 31	0 38	9 44	0 6	15 46	5 39	16 48	17 11	12 51	8 19	7 2
S 9	7 35	19 52	3 19	4 14	1 12	7 15	2 49	0 55	1 5	18 53	0 26	21 37	1 27	12 30	0 38	9 44	0 6	15 46	5 38	16 48	17 10	12 50	8 17	7 2
M10	7 58	18 52	4 6	3 58	1 20	7 4	2 41	0 36	1 5	18 53	0 26	21 38	1 27	12 29	0 38	9 43	0 6	15 46	5 38	16 48	17 10	12 48	8 16	7 3
T 11	8 20	17 2	4 41	3 40	1 28	6 53	2 33	0 18	1 5	18 52	0 26	21 38	1 27	12 28	0 38	9 42	0 6	15 47	5 38	16 49	17 9	12 46	8 15	7 3
W12	8 42	14 30	5 4	3 21	1 36	6 41	2 25	0n 1	1 5	18 52	0 26	21 38	1 27	12 28	0 38	9 42	0 6	15 47	5 38	16 49	17 8	12 44	8 13	7 3
T 13	9 4	11 23	5 14	3 0	1 43	6 29	2 17	0 20	1 4	18 51	0 27	21 39	1 27	12 27	0 38	9 41	0 6	15 47	5 38	16 48	17 7	12 42	8 12	7 4
F 14	9 26	7 47	5 10	2 39	1 49	6 17	2 9	0 39	1 4	18 51	0 27	21 39	1 26	12 26	0 38	9 40	0 6	15 47	5 38	16 47	17 6	12 40	8 11	7 4
S 15	9 47	3 51	4 53	2 15	1 55	6 4	2 2	0 57	1 4	18 50	0 27	21 40	1 26	12 25	0 38	9 40	0 6	15 47	5 37	16 46	17 5	12 38	8 9	7 5
S 16	10 9	0s18	4 22	1 51	2 1	5 51	1 54	1 16	1 4	18 49	0 27	21 40	1 26	12 24	0 38	9 39	0 6	15 47	5 37	16 46	17 4	12 37	8 8	7 5
M17	10 30	4 31	3 39	1 25	2 6	5 37	1 47	1 35	1 4	18 49	0 27	21 40	1 26	12 23	0 38	9 39	0 6	15 47	5 37	16 45	17 3	12 35	8 7	7 6
T 18	10 51	8 37	2 44	0 59	2 11	5 23	1 40	1 53	1 4	18 48	0 27	21 41	1 26	12 23	0 38	9 38	0 6	15 48	5 37	16 44	17 3	12 33	8 6	7 6
W19	11 12	12 25	1 39	0 31	2 15	5 8	1 32	2 12	1 3	18 47	0 27	21 41	1 25	12 22	0 38	9 38	0 6	15 48	5 37	16 43	17 2	12 31	8 4	7 7
T 20	11 33	15 40	0 28	0 2	2 19	4 53	1 25	2 30	1 3	18 46	0 27	21 42	1 25	12 21	0 38	9 37	0 6	15 48	5 36	16 43	17 1	12 29	8 3	7 7
F 21	11 53	18 9	0n46	0n28	2 22	4 38	1 18	2 49	1 3	18 45	0 27	21 42	1 25	12 20	0 38	9 37	0 6	15 48	5 36	16 43	17 0	12 27	8 2	7 8
S 22	12 14	19 37	1 59	0 58	2 25	4 22	1 11	3 8	1 3	18 44	0 27	21 43	1 25	12 19	0 38	9 36	0 6	15 48	5 36	16 43	16 59	12 25	8 1	7 8
S 23	12 34	19 56	3 5	1 30	2 27	4 6	1 5	3 26	1 2	18 43	0 27	21 43	1 25	12 18	0 38	9 36	0 6	15 48	5 36	16 44	16 58	12 23	7 59	7 8
M24	12 54	19 2	4 2	2 3	2 29	3 50	0 58	3 44	1 2	18 42	0 27	21 43	1 25	12 17	0 38	9 35	0 6	15 48	5 36	16 44	16 57	12 22	7 58	7 9
T 25	13 13	16 58	4 44	2 36	2 30	3 33	0 51	4 3	1 2	18 41	0 27	21 44	1 24	12 17	0 38	9 35	0 6	15 48	5 36	16 44	16 56	12 20	7 57	7 9
W26	13 33	13 52	5 10	3 10	2 31	3 16	0 45	4 21	1 2	18 40	0 27	21 44	1 24	12 16	0 38	9 34	0 6	15 49	5 35	16 44	16 56	12 18	7 56	7 10
T 27	13 52	9 57	5 16	3 45	2 31	2 59	0 38	4 40	1 1	18 39	0 27	21 44	1 24	12 15	0 38	9 34	0 6	15 49	5 35	16 44	16 55	12 16	7 55	7 10
F 28	14 11	5 28	5 4	4 21	2 31	2 41	0 32	4 58	1 1	18 38	0 27	21 45	1 24	12 14	0 38	9 33	0 6	15 49	5 35	16 44	16 54	12 14	7 54	7 11
S 29	14 30	0 42	4 33	4 58	2 31	2 23	0 26	5 16	1 1	18 36	0 27	21 45	1 24	12 13	0 38	9 33	0 6	15 49	5 35	16 44	16 53	12 12	7 53	7 11
S 30	14n48	4n 5	3n45	5n35	2s30	2s 4	0n20	5n34	1s 1	18n35	0n27	21n46	1s24	12s12	0n38	9s32	0s 6	15n49	5s35	16s44	16s52	12n10	7s52	7n12

Julian Day Number = 3054650.5, Delta T = 02h28m23s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'20, Lahiri = 47°00'21

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

MAY 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 38 14	11♉23'07	15♈36	22♈ 2	24♓58	17♈29	7♌54	25♊40	4°R 8	5♓26	22♋47	16°R52	17♏19	11♌54	19♒57	M 1
T 2	14 42 10	12°22'17	29°22	23°42	26° 0	18°16	8° 0	25°46	4♏ 5	5°27	22°48	16♏51	17°16	12° 1	19°58	T 2
W 3	14 46 7	13°21'25	12♉54	25°24	27° 1	19° 3	8° 5	25°53	4° 3	5°28	22°48	16°D51	17°13	12° 7	20° 0	W 3
T 4	14 50 3	14°20'31	26° 9	27° 7	28° 3	19°50	8°11	25°59	4° 0	5°29	22°49	16°51	17°10	12°14	20° 2	T 4
F 5	14 54 0	15°19'36	9♊ 6	28°51	29° 6	20°36	8°17	26° 5	3°58	5°30	22°50	16°51	17° 7	12°21	20° 3	F 5
S 6	14 57 57	16°18'38	21°46	0♉37	0♈ 8	21°23	8°23	26°12	3°55	5°31	22°50	16°51	17° 3	12°28	20° 5	S 6
S 7	15 1 53	17°17'38	4♋10	2°25	1°11	22°10	8°29	26°18	3°53	5°32	22°51	16°R51	17° 0	12°34	20° 6	S 7
M 8	15 5 50	18°16'36	16°21	4°14	2°15	22°57	8°36	26°25	3°50	5°33	22°52	16°51	16°57	12°41	20° 7	M 8
T 9	15 9 46	19°15'32	28°22	6° 4	3°18	23°44	8°43	26°32	3°48	5°34	22°52	16°51	16°54	12°48	20° 9	T 9
W10	15 13 43	20°14'26	10♌17	7°56	4°22	24°31	8°49	26°38	3°45	5°35	22°53	16°51	16°51	12°54	20°10	W10
T 11	15 17 39	21°13'18	22°10	9°50	5°25	25°18	8°56	26°45	3°43	5°36	22°54	16°D51	16°47	13° 1	20°11	T 11
F 12	15 21 36	22°12'07	4♍ 6	11°45	6°30	26° 5	9° 3	26°52	3°40	5°37	22°55	16°51	16°44	13° 8	20°12	F 12
S 13	15 25 32	23°10'54	16° 9	13°42	7°34	26°51	9°10	26°59	3°38	5°38	22°55	16°51	16°41	13°15	20°13	S 13
S 14	15 29 29	24° 9'39	28°25	15°40	8°38	27°38	9°18	27° 6	3°36	5°38	22°56	16°52	16°38	13°21	20°14	S 14
M15	15 33 26	25° 8'22	10♎56	17°39	9°43	28°25	9°25	27°12	3°33	5°39	22°57	16°53	16°35	13°28	20°15	M15
T 16	15 37 22	26° 7'03	23°45	19°41	10°48	29°11	9°33	27°19	3°31	5°40	22°58	16°54	16°32	13°35	20°15	T 16
W17	15 41 19	27° 5'42	6♏55	21°43	11°53	29°58	9°40	27°26	3°29	5°41	22°59	16°54	16°28	13°41	20°16	W17
T 18	15 45 15	28° 4'19	20°25	23°47	12°59	0♑45	9°48	27°33	3°26	5°41	23° 0	16°R54	16°25	13°48	20°17	T 18
F 19	15 49 12	29° 2'54	4♐14	25°52	14° 4	1°31	9°56	27°40	3°24	5°42	23° 1	16°54	16°22	13°55	20°17	F 19
S 20	15 53 8	0♊ 1'27	18°19	27°58	15°10	2°18	10° 4	27°48	3°22	5°43	23° 1	16°53	16°19	14° 2	20°18	S 20
S 21	15 57 5	0°59'59	2♑36	0♊ 5	16°16	3° 5	10°13	27°55	3°20	5°43	23° 2	16°51	16°16	14° 8	20°18	S 21
M22	16 1 2	1°58'29	17° 1	2°13	17°22	3°51	10°21	28° 2	3°17	5°44	23° 3	16°49	16°13	14°15	20°18	M22
T 23	16 4 58	2°56'57	1♒27	4°22	18°28	4°38	10°29	28° 9	3°15	5°44	23° 4	16°48	16° 9	14°22	20°19	T 23
W24	16 8 55	3°55'24	15°50	6°31	19°34	5°24	10°38	28°16	3°13	5°45	23° 5	16°46	16° 6	14°29	20°19	W24
T 25	16 12 51	4°53'50	0♓ 7	8°40	20°41	6°10	10°47	28°24	3°11	5°45	23° 6	16°D45	16° 3	14°35	20°19	T 25
F 26	16 16 48	5°52'14	14°15	10°50	21°48	6°57	10°55	28°31	3° 9	5°45	23° 7	16°46	16° 0	14°42	20°R19	F 26
S 27	16 20 44	6°50'36	28°11	12°58	22°55	7°43	11° 4	28°38	3° 7	5°46	23° 8	16°46	15°57	14°49	20°19	S 27
S 28	16 24 41	7°48'57	11♈56	15° 7	24° 2	8°30	11°13	28°46	3° 5	5°46	23° 9	16°48	15°53	14°55	20°19	S 28
M29	16 28 37	8°47'17	25°28	17°14	25° 9	9°16	11°23	28°53	3° 3	5°46	23°11	16°49	15°50	15° 2	20°18	M29
T 30	16 32 34	9°45'35	8♉48	19°20	26°16	10° 2	11°32	29° 0	3° 1	5°47	23°12	16°50	15°47	15° 9	20°18	T 30
W31	16 36 30	10♊43'51	21♉55	21♊24	27♈23	10♉48	11♌41	29♊ 8	2♏59	5♓47	23♋13	16°R50	15♏44	15♌16	20♒18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 7	8n37	2n45	6n13	2s28	1s46	0n14	5n52	1s 0	18n34	0n27	21n46	1s23	12s11	0n38	9s32	0s 6	15n49	5s35	16s43	16s51	12n 8	7s51	7n12
T 2	15 25	12 38	1 35	6 51	2 26	1 27	0 8	6 10	1 0	18 32	0 27	21 46	1 23	12 11	0 38	9 32	0 6	15 49	5 34	16 43	16 50	12 7	7 50	7 13
W 3	15 42	15 55	0 22	7 30	2 24	1 8	0 3	6 28	1 0	18 31	0 27	21 47	1 23	12 10	0 38	9 31	0 6	15 49	5 34	16 43	16 49	12 5	7 49	7 13
T 4	16 0	18 17	0s51	8 10	2 21	0 49	0s 3	6 46	0 59	18 29	0 27	21 47	1 23	12 9	0 38	9 31	0 6	15 49	5 34	16 43	16 48	12 3	7 48	7 14
F 5	16 17	19 38	2 0	8 50	2 17	0 29	0 8	7 4	0 59	18 28	0 27	21 47	1 23	12 8	0 38	9 30	0 6	15 49	5 34	16 43	16 48	12 1	7 47	7 14
S 6	16 34	19 57	3 2	9 30	2 13	0 9	0 14	7 22	0 59	18 26	0 27	21 48	1 23	12 7	0 38	9 30	0 6	15 49	5 34	16 43	16 47	11 59	7 46	7 15
S 7	16 51	19 16	3 53	10 11	2 9	0n11	0 19	7 39	0 58	18 25	0 27	21 48	1 22	12 6	0 38	9 30	0 6	15 49	5 34	16 43	16 46	11 57	7 45	7 15
M 8	17 7	17 43	4 33	10 52	2 4	0 31	0 24	7 57	0 58	18 23	0 27	21 48	1 22	12 6	0 38	9 29	0 6	15 49	5 33	16 43	16 45	11 55	7 44	7 16
T 9	17 23	15 23	5 1	11 34	1 58	0 52	0 29	8 14	0 58	18 21	0 27	21 49	1 22	12 5	0 38	9 29	0 6	15 49	5 33	16 43	16 44	11 53	7 43	7 16
W10	17 39	12 27	5 15	12 15	1 52	1 12	0 34	8 32	0 57	18 20	0 27	21 49	1 22	12 4	0 38	9 29	0 6	15 50	5 33	16 43	16 43	11 51	7 42	7 17
T 11	17 54	9 1	5 16	12 57	1 46	1 33	0 38	8 49	0 57	18 18	0 27	21 49	1 22	12 3	0 38	9 28	0 6	15 50	5 33	16 43	16 42	11 49	7 41	7 18
F 12	18 9	5 12	5 3	13 39	1 39	1 54	0 43	9 6	0 57	18 16	0 27	21 50	1 22	12 2	0 38	9 28	0 6	15 50	5 33	16 43	16 41	11 48	7 41	7 18
S 13	18 24	1 9	4 37	14 21	1 32	2 15	0 47	9 23	0 56	18 14	0 27	21 50	1 21	12 2	0 38	9 28	0 6	15 50	5 33	16 43	16 40	11 46	7 40	7 19
S 14	18 39	3s 1	3 58	15 3	1 24	2 36	0 52	9 40	0 56	18 12	0 27	21 50	1 21	12 1	0 38	9 27	0 6	15 50	5 32	16 44	16 40	11 44	7 39	7 19
M15	18 53	7 9	3 6	15 44	1 16	2 57	0 56	9 57	0 55	18 10	0 27	21 51	1 21	12 0	0 38	9 27	0 6	15 50	5 32	16 44	16 39	11 42	7 38	7 20
T 16	19 7	11 4	2 5	16 25	1 7	3 19	1 0	10 14	0 55	18 8	0 27	21 51	1 21	11 59	0 38	9 27	0 6	15 50	5 32	16 44	16 38	11 40	7 38	7 20
W17	19 20	14 34	0 55	17 6	0 58	3 40	1 4	10 30	0 55	18 6	0 27	21 51	1 21	11 58	0 38	9 27	0 6	15 50	5 32	16 44	16 37	11 38	7 37	7 21
T 18	19 33	17 23	0n19	17 46	0 49	4 2	1 8	10 47	0 54	18 4	0 27	21 51	1 21	11 58	0 38	9 27	0 6	15 50	5 32	16 44	16 36	11 36	7 36	7 21
F 19	19 46	19 15	1 34	18 25	0 39	4 24	1 12	11 3	0 54	18 2	0 27	21 52	1 21	11 57	0 37	9 26	0 6	15 50	5 32	16 44	16 35	11 34	7 36	7 22
S 20	19 58	19 58	2 45	19 3	0 29	4 46	1 15	11 20	0 53	18 0	0 27	21 52	1 21	11 56	0 37	9 26	0 6	15 50	5 32	16 44	16 34	11 32	7 35	7 22
S 21	20 11	19 26	3 46	19 40	0 19	5 7	1 19	11 36	0 53	17 58	0 27	21 52	1 20	11 56	0 37	9 26	0 6	15 50	5 31	16 43	16 33	11 30	7 34	7 23
M22	20 22	17 37	4 34	20 17	0 9	5 29	1 22	11 52	0 52	17 56	0 27	21 52	1 20	11 55	0 37	9 26	0 6	15 50	5 31	16 43	16 32	11 29	7 34	7 23
T 23	20 34	14 42	5 4	20 51	0n 2	5 51	1 26	12 8	0 52	17 53	0 27	21 53	1 20	11 54	0 37	9 26	0 6	15 50	5 31	16 42	16 31	11 27	7 33	7 24
W24	20 45	10 55	5 15	21 24	0 12	6 13	1 29	12 24	0 51	17 51	0 27	21 53	1 20	11 53	0 37	9 25	0 6	15 50	5 31	16 42	16 31	11 25	7 33	7 24
T 25	20 55	6 32	5 7	21 56	0 23	6 35	1 32	12 39	0 51	17 49	0 27	21 53	1 20	11 53	0 37	9 25	0 6	15 50	5 31	16 42	16 30	11 23	7 32	7 25
F 26	21 6	1 50	4 40	22 25	0 33	6 57	1 35	12 55	0 51	17 46	0 27	21 53	1 20	11 52	0 37	9 25	0 6	15 50	5 31	16 42	16 29	11 21	7 32	7 25
S 27	21 16	2n55	3 57	22 52	0 43	7 19	1 37	13 10	0 50	17 44	0 27	21 53	1 20	11 51	0 37	9 25	0 6	15 50	5 30	16 42	16 28	11 19	7 31	7 26
S 28	21 25	7 27	3 1	23 17	0 54	7 41	1 40	13 25	0 50	17 41	0 27	21 54	1 20	11 51	0 37	9 25	0 6	15 50	5 30	16 42	16 27	11 17	7 31	7 26
M29	21 34	11 33	1 55	23 40	1 3	8 3	1 43	13 41	0 49	17 39	0 27	21 54	1 19	11 50	0 37	9 25	0 6	15 50	5 30	16 43	16 26	11 15	7 30	7 27
T 30	21 43	15 0	0 44	24 1	1 13	8 25	1 45	13 56	0 49	17 36	0 27	21 54	1 19	11 49	0 37	9 25	0 6	15 49	5 30	16 43	16 25	11 13	7 30	7 27
W31	21n51	17n38	0s28	24n19	1n22	8n47	1s47	14n10	0s48	17n34	0n27	21n54	1s19	11s49	0n37	9s25	0s 7	15n49	5s30	16s43	16s24	11n11	7s30	7n28

Julian Day Number = 3054680.5, Delta T = 02h28m24s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'24, Lahiri = 47°00'25

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

JUNE 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 27	11♊42'06	4♊49	23♊27	28♈31	11♉35	11♌51	29♊15	2°R57	5♓47	23♋14	16°R49	15♏41	15♌22	20°R17	T 1
F 2	16 44 24	12°40'20	17°30	25°27	29°38	12°21	12° 0	29°23	2♏55	5°47	23°15	16♏47	15°38	15°29	20♒17	F 2
S 3	16 48 20	13°38'32	29°59	27°25	0♉46	13° 7	12°10	29°30	2°54	5°48	23°16	16°43	15°34	15°36	20°16	S 3
S 4	16 52 17	14°36'42	12♋16	29°21	1°54	13°53	12°20	29°38	2°52	5°48	23°17	16°39	15°31	15°42	20°16	S 4
M 5	16 56 13	15°34'50	24°23	1♋14	3° 2	14°39	12°30	29°45	2°50	5°48	23°18	16°34	15°28	15°49	20°15	M 5
T 6	17 0 10	16°32'57	6♌23	3° 4	4°10	15°25	12°40	29°53	2°49	5°48	23°20	16°29	15°25	15°56	20°14	T 6
W 7	17 4 6	17°31'02	18°16	4°51	5°18	16°11	12°50	0♋ 0	2°47	5°R48	23°21	16°25	15°22	16° 3	20°13	W 7
T 8	17 8 3	18°29'05	0♍ 9	6°34	6°26	16°57	13° 0	0° 8	2°45	5°48	23°22	16°22	15°18	16° 9	20°12	T 8
F 9	17 12 0	19°27'06	12° 3	8°15	7°35	17°43	13°10	0°16	2°44	5°48	23°23	16°20	15°15	16°16	20°11	F 9
S 10	17 15 56	20°25'06	24° 5	9°52	8°43	18°29	13°21	0°23	2°42	5°48	23°25	16°D20	15°12	16°23	20°10	S 10
S 11	17 19 53	21°23'04	6♎18	11°25	9°52	19°15	13°31	0°31	2°41	5°47	23°26	16°21	15° 9	16°30	20° 9	S 11
M12	17 23 49	22°21'00	18°48	12°56	11° 0	20° 0	13°42	0°39	2°40	5°47	23°27	16°22	15° 6	16°36	20° 8	M12
T 13	17 27 46	23°18'54	1♏39	14°22	12° 9	20°46	13°53	0°46	2°38	5°47	23°28	16°24	15° 3	16°43	20° 7	T 13
W14	17 31 42	24°16'47	14°54	15°45	13°18	21°32	14° 3	0°54	2°37	5°47	23°30	16°R25	14°59	16°50	20° 5	W14
T 15	17 35 39	25°14'39	28°34	17° 5	14°27	22°17	14°14	1° 2	2°36	5°47	23°31	16°24	14°56	16°56	20° 4	T 15
F 16	17 39 35	26°12'29	12♐39	18°20	15°36	23° 3	14°25	1° 9	2°34	5°46	23°32	16°22	14°53	17° 3	20° 2	F 16
S 17	17 43 32	27°10'17	27° 6	19°32	16°45	23°48	14°36	1°17	2°33	5°46	23°33	16°18	14°50	17°10	20° 1	S 17
S 18	17 47 29	28° 8'04	11♑49	20°40	17°54	24°34	14°47	1°25	2°32	5°46	23°35	16°12	14°47	17°17	19°59	S 18
M19	17 51 25	29° 5'50	26°41	21°45	19° 3	25°19	14°58	1°32	2°31	5°45	23°36	16° 6	14°44	17°23	19°57	M19
T 20	17 55 22	0♒ 3'35	11♒33	22°45	20°12	26° 5	15° 9	1°40	2°30	5°45	23°37	16° 0	14°40	17°30	19°56	T 20
W21	17 59 18	1° 1'19	26°17	23°41	21°22	26°50	15°21	1°48	2°29	5°45	23°39	15°54	14°37	17°37	19°54	W21
T 22	18 3 15	1°59'01	10♓47	24°34	22°31	27°35	15°32	1°55	2°28	5°44	23°40	15°51	14°34	17°44	19°52	T 22
F 23	18 7 11	2°56'43	24°59	25°22	23°41	28°21	15°43	2° 3	2°27	5°44	23°42	15°49	14°31	17°50	19°50	F 23
S 24	18 11 8	3°54'24	8♈52	26° 6	24°50	29° 6	15°55	2°11	2°26	5°43	23°43	15°D49	14°28	17°57	19°48	S 24
S 25	18 15 4	4°52'04	22°26	26°46	26° 0	29°51	16° 6	2°19	2°26	5°42	23°44	15°49	14°24	18° 4	19°46	S 25
M26	18 19 1	5°49'44	5♉41	27°21	27°10	0♊36	16°18	2°26	2°25	5°42	23°46	15°50	14°21	18°10	19°44	M26
T 27	18 22 58	6°47'22	18°41	27°52	28°19	1°21	16°30	2°34	2°24	5°41	23°47	15°R51	14°18	18°17	19°42	T 27
W28	18 26 54	7°45'00	1♊28	28°18	29°29	2° 6	16°42	2°42	2°24	5°41	23°48	15°50	14°15	18°24	19°40	W28
T 29	18 30 51	8°42'37	14° 2	28°40	0♊39	2°51	16°53	2°49	2°23	5°40	23°50	15°46	14°12	18°31	19°37	T 29
F 30	18 34 47	9♋40'13	26♊27	28♋57	1♊49	3♊36	17♌ 5	2♋57	2♏23	5♓39	23♋51	15♏40	14♏ 9	18♌37	19♒35	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	19n19	1s37	24n34	1n30	9n 8	1s50	14n25	0s48	17n31	0n27	21n54	1s19	11s48	0n37	9s25	0s 7	15n49	5s30	16s43	16s23	11n 9	7s29	7n28
F 2	22 7	19 59	2 40	24 47	1 38	9 30	1 52	14 39	0 47	17 29	0 27	21 54	1 19	11 48	0 37	9 24	0 7	15 49	5 30	16 42	16 22	11 7	7 29	7 29
S 3	22 14	19 39	3 35	24 57	1 45	9 52	1 54	14 54	0 47	17 26	0 27	21 55	1 19	11 47	0 37	9 24	0 7	15 49	5 30	16 41	16 21	11 6	7 29	7 29
S 4	22 21	18 23	4 18	25 5	1 52	10 13	1 56	15 8	0 46	17 23	0 27	21 55	1 19	11 47	0 37	9 24	0 7	15 49	5 29	16 40	16 20	11 4	7 28	7 30
M 5	22 27	16 18	4 49	25 11	1 58	10 34	1 57	15 22	0 45	17 21	0 28	21 55	1 19	11 46	0 37	9 24	0 7	15 49	5 29	16 38	16 20	11 2	7 28	7 30
T 6	22 33	13 33	5 7	25 14	2 3	10 56	1 59	15 36	0 45	17 18	0 28	21 55	1 19	11 45	0 37	9 24	0 7	15 49	5 29	16 37	16 19	11 0	7 28	7 31
W 7	22 39	10 15	5 12	25 15	2 7	11 17	2 0	15 49	0 44	17 15	0 28	21 55	1 18	11 45	0 37	9 24	0 7	15 49	5 29	16 36	16 18	10 58	7 28	7 31
T 8	22 44	6 35	5 3	25 14	2 11	11 38	2 2	16 3	0 44	17 12	0 28	21 55	1 18	11 44	0 37	9 24	0 7	15 49	5 29	16 35	16 17	10 56	7 27	7 32
F 9	22 49	2 38	4 41	25 11	2 13	11 58	2 3	16 16	0 43	17 9	0 28	21 55	1 18	11 44	0 37	9 24	0 7	15 49	5 29	16 35	16 16	10 54	7 27	7 32
S 10	22 53	1s28	4 7	25 6	2 15	12 19	2 4	16 29	0 43	17 6	0 28	21 55	1 18	11 43	0 37	9 24	0 7	15 49	5 29	16 34	16 15	10 52	7 27	7 33
S 11	22 57	5 34	3 21	25 0	2 16	12 39	2 5	16 42	0 42	17 3	0 28	21 55	1 18	11 43	0 37	9 25	0 7	15 49	5 29	16 35	16 14	10 50	7 27	7 33
M12	23 0	9 32	2 25	24 51	2 16	12 59	2 6	16 55	0 42	17 0	0 28	21 55	1 18	11 43	0 37	9 25	0 7	15 49	5 28	16 35	16 13	10 48	7 27	7 34
T 13	23 3	13 11	1 20	24 41	2 15	13 19	2 7	17 8	0 41	16 57	0 28	21 55	1 18	11 42	0 37	9 25	0 7	15 49	5 28	16 36	16 12	10 46	7 27	7 34
W14	23 6	16 18	0 8	24 30	2 13	13 39	2 8	17 20	0 40	16 54	0 28	21 55	1 18	11 42	0 37	9 25	0 7	15 48	5 28	16 36	16 11	10 44	7 27	7 35
T 15	23 8	18 36	1n 6	24 18	2 10	13 59	2 9	17 32	0 40	16 51	0 28	21 55	1 18	11 41	0 37	9 25	0 7	15 48	5 28	16 36	16 10	10 42	7 27	7 35
F 16	23 10	19 50	2 18	24 4	2 7	14 18	2 9	17 44	0 39	16 48	0 28	21 55	1 18	11 41	0 37	9 25	0 7	15 48	5 28	16 35	16 9	10 40	7 27	7 35
S 17	23 12	19 49	3 22	23 50	2 2	14 37	2 10	17 56	0 39	16 45	0 28	21 56	1 18	11 41	0 37	9 25	0 7	15 48	5 28	16 34	16 9	10 39	7 27	7 36
S 18	23 13	18 28	4 15	23 34	1 57	14 56	2 10	18 8	0 38	16 42	0 28	21 56	1 18	11 40	0 37	9 25	0 7	15 48	5 28	16 32	16 8	10 37	7 27	7 36
M19	23 13	15 52	4 51	23 18	1 50	15 14	2 10	18 19	0 37	16 39	0 28	21 55	1 17	11 40	0 37	9 25	0 7	15 48	5 28	16 30	16 7	10 35	7 27	7 37
T 20	23 14	12 14	5 8	23 1	1 43	15 33	2 10	18 30	0 37	16 35	0 28	21 55	1 17	11 40	0 37	9 26	0 7	15 48	5 28	16 29	16 6	10 33	7 27	7 37
W21	23 13	7 52	5 4	22 44	1 35	15 50	2 10	18 41	0 36	16 32	0 28	21 55	1 17	11 39	0 36	9 26	0 7	15 48	5 28	16 27	16 5	10 31	7 27	7 38
T 22	23 13	3 8	4 40	22 26	1 26	16 8	2 10	18 52	0 35	16 29	0 28	21 55	1 17	11 39	0 36	9 26	0 7	15 47	5 27	16 26	16 4	10 29	7 28	7 38
F 23	23 12	1n42	4 0	22 8	1 17	16 25	2 10	19 3	0 35	16 26	0 28	21 55	1 17	11 39	0 36	9 26	0 7	15 47	5 27	16 26	16 3	10 27	7 28	7 38
S 24	23 10	6 20	3 6	21 49	1 6	16 42	2 10	19 13	0 34	16 22	0 28	21 55	1 17	11 39	0 36	9 26	0 7	15 47	5 27	16 25	16 2	10 25	7 28	7 39
S 25	23 8	10 33	2 3	21 30	0 55	16 59	2 10	19 23	0 34	16 19	0 28	21 55	1 17	11 38	0 36	9 27	0 7	15 47	5 27	16 26	16 1	10 23	7 28	7 39
M26	23 6	14 9	0 54	21 12	0 42	17 15	2 9	19 33	0 33	16 15	0 28	21 55	1 17	11 38	0 36	9 27	0 7	15 47	5 27	16 26	16 0	10 21	7 29	7 40
T 27	23 3	16 59	0s15	20 53	0 29	17 31	2 9	19 43	0 32	16 12	0 28	21 55	1 17	11 38	0 36	9 27	0 7	15 47	5 27	16 26	15 59	10 19	7 29	7 40
W28	23 0	18 55	1 23	20 34	0 16	17 47	2 8	19 53	0 32	16 8	0 28	21 55	1 17	11 38	0 36	9 27	0 7	15 47	5 27	16 26	15 58	10 17	7 29	7 40
T 29	22 56	19 52	2 25	20 16	0 1	18 2	2 7	20 2	0 31	16 5	0 28	21 55	1 17	11 38	0 36	9 28	0 7	15 47	5 27	16 25	15 57	10 15	7 30	7 41
F 30	22n53	19n51	3s20	19n58	0s14	18n16	2s 7	20n11	0s30	16n 1	0n28	21n55	1s17	11s37	0n36	9s28	0s 7	15n46	5s27	16s23	15s56	10n13	7s30	7n41

Julian Day Number = 3054711.5, Delta T = 02h28m25s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'29, Lahiri = 47°00'29

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

JULY 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 38 44	10♋37'48	8♋43	29♋10	2♊59	4♊21	17♌17	3♋ 5	2°R22	5°R39	23♋53	15°R32	14♏ 5	18♌44	19°R33	S 1
S 2	18 42 40	11°35'22	20°50	29°18	4° 9	5° 6	17°29	3°12	2♏22	5♓38	23°54	15♏22	14° 2	18°51	19♒30	S 2
M 3	18 46 37	12°32'55	2♌51	29°R22	5°19	5°50	17°41	3°20	2°21	5°37	23°56	15°12	13°59	18°57	19°28	M 3
T 4	18 50 34	13°30'27	14°47	29°21	6°30	6°35	17°53	3°28	2°21	5°36	23°57	15° 1	13°56	19° 4	19°25	T 4
W 5	18 54 30	14°27'58	26°39	29°15	7°40	7°20	18° 6	3°35	2°21	5°35	23°58	14°51	13°53	19°11	19°22	W 5
T 6	18 58 27	15°25'28	8♍30	29° 6	8°50	8° 4	18°18	3°43	2°20	5°34	24° 0	14°43	13°50	19°18	19°20	T 6
F 7	19 2 23	16°22'57	20°23	28°52	10° 1	8°49	18°30	3°50	2°20	5°34	24° 1	14°38	13°46	19°24	19°17	F 7
S 8	19 6 20	17°20'25	2♎23	28°34	11°11	9°33	18°42	3°58	2°20	5°33	24° 3	14°35	13°43	19°31	19°14	S 8
S 9	19 10 16	18°17'51	14°34	28°12	12°21	10°17	18°55	4° 6	2°D20	5°32	24° 4	14°D33	13°40	19°38	19°12	S 9
M10	19 14 13	19°15'17	27° 0	27°48	13°32	11° 2	19° 7	4°13	2°20	5°31	24° 6	14°34	13°37	19°45	19° 9	M10
T 11	19 18 9	20°12'42	9♏47	27°20	14°42	11°46	19°20	4°21	2°20	5°30	24° 7	14°R34	13°34	19°51	19° 6	T 11
W12	19 22 6	21°10'06	22°59	26°50	15°53	12°30	19°32	4°28	2°20	5°29	24° 8	14°34	13°30	19°58	19° 3	W12
T 13	19 26 3	22° 7'29	6♐40	26°18	17° 4	13°14	19°45	4°36	2°21	5°28	24°10	14°32	13°27	20° 5	19° 0	T 13
F 14	19 29 59	23° 4'52	20°49	25°45	18°14	13°58	19°57	4°43	2°21	5°26	24°11	14°28	13°24	20°11	18°57	F 14
S 15	19 33 56	24° 2'13	5♑25	25°11	19°25	14°42	20°10	4°51	2°21	5°25	24°13	14°21	13°21	20°18	18°54	S 15
S 16	19 37 52	24°59'34	20°23	24°36	20°36	15°26	20°23	4°58	2°21	5°24	24°14	14°13	13°18	20°25	18°51	S 16
M17	19 41 49	25°56'55	5♒34	24° 2	21°47	16°10	20°35	5° 5	2°22	5°23	24°16	14° 3	13°15	20°32	18°48	M17
T 18	19 45 45	26°54'15	20°46	23°29	22°58	16°54	20°48	5°13	2°22	5°22	24°17	13°53	13°11	20°38	18°45	T 18
W19	19 49 42	27°51'34	5♓51	22°57	24° 9	17°38	21° 1	5°20	2°23	5°21	24°19	13°44	13° 8	20°45	18°42	W19
T 20	19 53 38	28°48'53	20°38	22°27	25°20	18°22	21°14	5°27	2°23	5°20	24°20	13°37	13° 5	20°52	18°38	T 20
F 21	19 57 35	29°46'12	5♈ 2	22° 0	26°31	19° 5	21°27	5°35	2°24	5°18	24°21	13°33	13° 2	20°58	18°35	F 21
S 22	20 1 32	0♌43'31	19° 1	21°36	27°42	19°49	21°40	5°42	2°24	5°17	24°23	13°31	12°59	21° 5	18°32	S 22
S 23	20 5 28	1°40'50	2♉34	21°15	28°53	20°32	21°53	5°49	2°25	5°16	24°24	13°D31	12°56	21°12	18°29	S 23
M24	20 9 25	2°38'09	15°44	20°59	0♋ 4	21°16	22° 6	5°56	2°26	5°15	24°26	13°R31	12°52	21°19	18°25	M24
T 25	20 13 21	3°35'28	28°34	20°46	1°16	21°59	22°19	6° 3	2°27	5°13	24°27	13°30	12°49	21°25	18°22	T 25
W26	20 17 18	4°32'47	11♊ 8	20°37	2°27	22°43	22°32	6°11	2°27	5°12	24°29	13°28	12°46	21°32	18°19	W26
T 27	20 21 14	5°30'06	23°30	20°D34	3°38	23°26	22°45	6°18	2°28	5°11	24°30	13°23	12°43	21°39	18°15	T 27
F 28	20 25 11	6°27'25	5♋42	20°35	4°50	24° 9	22°58	6°25	2°29	5° 9	24°32	13°15	12°40	21°46	18°12	F 28
S 29	20 29 7	7°24'44	17°46	20°40	6° 1	24°52	23°11	6°32	2°30	5° 8	24°33	13° 4	12°36	21°52	18° 9	S 29
S 30	20 33 4	8°22'03	29°46	20°51	7°12	25°35	23°24	6°39	2°31	5° 6	24°34	12°51	12°33	21°59	18° 5	S 30
M31	20 37 1	9♌19'22	11♌41	21♋ 7	8♋24	26♊18	23♌37	6♋46	2♏32	5♓ 5	24♋36	12♏38	12♏30	22♌ 6	18♒ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n48	18n53	4s 4	19n40	0s29	18n31	2s 6	20n20	0s30	15n58	0n28	21n55	1s17	11s37	0n36	9s28	0s 7	15n46	5s27	16s21	15s56	10n11	7s30	7n41
S 2	22 43	17 4	4 37	19 22	0 45	18 45	2 5	20 29	0 29	15 54	0 28	21 55	1 17	11 37	0 36	9 28	0 7	15 46	5 27	16 18	15 55	10 9	7 31	7 42
M 3	22 38	14 31	4 57	19 6	1 2	18 58	2 4	20 38	0 28	15 51	0 28	21 54	1 17	11 37	0 36	9 29	0 7	15 46	5 26	16 15	15 54	10 7	7 31	7 42
T 4	22 33	11 24	5 4	18 49	1 19	19 11	2 3	20 46	0 27	15 47	0 28	21 54	1 17	11 37	0 36	9 29	0 7	15 46	5 26	16 12	15 53	10 6	7 32	7 42
W 5	22 27	7 51	4 58	18 34	1 36	19 24	2 1	20 54	0 27	15 43	0 28	21 54	1 17	11 37	0 36	9 29	0 7	15 46	5 26	16 9	15 52	10 4	7 32	7 43
T 6	22 21	4 0	4 39	18 19	1 53	19 36	2 0	21 2	0 26	15 40	0 28	21 54	1 16	11 37	0 36	9 30	0 7	15 45	5 26	16 7	15 51	10 2	7 33	7 43
F 7	22 14	0s 1	4 7	18 5	2 10	19 48	1 59	21 9	0 25	15 36	0 29	21 54	1 16	11 37	0 36	9 30	0 7	15 45	5 26	16 5	15 50	10 0	7 33	7 43
S 8	22 7	4 5	3 25	17 52	2 27	19 59	1 57	21 17	0 25	15 32	0 29	21 54	1 16	11 37	0 36	9 30	0 7	15 45	5 26	16 4	15 49	9 58	7 34	7 44
S 9	21 59	8 2	2 33	17 40	2 44	20 9	1 56	21 24	0 24	15 28	0 29	21 53	1 16	11 37	0 36	9 31	0 7	15 45	5 26	16 4	15 48	9 56	7 34	7 44
M10	21 51	11 45	1 32	17 28	3 0	20 20	1 54	21 31	0 23	15 25	0 29	21 53	1 16	11 37	0 36	9 31	0 7	15 45	5 26	16 4	15 47	9 54	7 35	7 44
T 11	21 43	15 1	0 25	17 18	3 16	20 29	1 53	21 38	0 22	15 21	0 29	21 53	1 16	11 37	0 36	9 31	0 7	15 45	5 26	16 4	15 46	9 52	7 35	7 44
W12	21 35	17 38	0n45	17 9	3 31	20 39	1 51	21 44	0 22	15 17	0 29	21 53	1 16	11 37	0 36	9 32	0 7	15 44	5 26	16 4	15 45	9 50	7 36	7 45
T 13	21 26	19 21	1 55	17 1	3 45	20 47	1 49	21 50	0 21	15 13	0 29	21 53	1 16	11 37	0 36	9 32	0 7	15 44	5 26	16 3	15 44	9 48	7 37	7 45
F 14	21 16	19 55	3 0	16 54	3 58	20 56	1 47	21 56	0 20	15 9	0 29	21 52	1 16	11 37	0 36	9 33	0 7	15 44	5 26	16 2	15 43	9 46	7 37	7 45
S 15	21 7	19 12	3 56	16 49	4 10	21 3	1 46	22 2	0 19	15 5	0 29	21 52	1 16	11 37	0 36	9 33	0 7	15 44	5 26	16 0	15 42	9 44	7 38	7 45
S 16	20 57	17 8	4 36	16 44	4 21	21 10	1 44	22 8	0 19	15 1	0 29	21 52	1 16	11 38	0 36	9 33	0 7	15 44	5 26	15 58	15 41	9 42	7 39	7 46
M17	20 46	13 53	4 58	16 41	4 30	21 17	1 42	22 13	0 18	14 57	0 29	21 52	1 16	11 38	0 35	9 34	0 7	15 43	5 26	15 55	15 40	9 40	7 39	7 46
T 18	20 35	9 42	5 0	16 38	4 38	21 23	1 40	22 18	0 17	14 53	0 29	21 51	1 16	11 38	0 35	9 34	0 7	15 43	5 26	15 52	15 39	9 38	7 40	7 46
W19	20 24	4 56	4 40	16 37	4 44	21 28	1 37	22 23	0 16	14 49	0 29	21 51	1 16	11 38	0 35	9 35	0 7	15 43	5 26	15 49	15 39	9 36	7 41	7 46
T 20	20 13	0n 2	4 2	16 37	4 49	21 33	1 35	22 28	0 16	14 45	0 29	21 51	1 16	11 38	0 35	9 35	0 7	15 43	5 26	15 47	15 38	9 34	7 42	7 46
F 21	20 1	4 53	3 9	16 38	4 52	21 38	1 33	22 32	0 15	14 41	0 29	21 51	1 16	11 39	0 35	9 36	0 7	15 43	5 25	15 46	15 37	9 32	7 42	7 47
S 22	19 49	9 19	2 6	16 40	4 54	21 42	1 31	22 36	0 14	14 37	0 29	21 50	1 16	11 39	0 35	9 36	0 7	15 42	5 25	15 45	15 36	9 30	7 43	7 47
S 23	19 36	13 9	0 58	16 43	4 54	21 45	1 28	22 40	0 13	14 33	0 29	21 50	1 16	11 39	0 35	9 37	0 7	15 42	5 25	15 45	15 35	9 28	7 44	7 47
M24	19 24	16 13	0s12	16 47	4 53	21 47	1 26	22 44	0 13	14 29	0 29	21 50	1 16	11 39	0 35	9 37	0 7	15 42	5 25	15 45	15 34	9 26	7 45	7 47
T 25	19 11	18 23	1 19	16 51	4 50	21 49	1 24	22 47	0 12	14 25	0 29	21 49	1 16	11 40	0 35	9 38	0 7	15 42	5 25	15 45	15 33	9 24	7 46	7 47
W26	18 57	19 35	2 21	16 57	4 46	21 51	1 21	22 51	0 11	14 21	0 29	21 49	1 16	11 40	0 35	9 38	0 7	15 42	5 25	15 44	15 32	9 22	7 47	7 47
T 27	18 44	19 50	3 14	17 2	4 41	21 52	1 19	22 54	0 10	14 17	0 29	21 49	1 16	11 40	0 35	9 39	0 7	15 41	5 25	15 43	15 31	9 20	7 48	7 47
F 28	18 30	19 8	3 59	17 9	4 34	21 52	1 16	22 56	0 9	14 12	0 30	21 48	1 16	11 41	0 35	9 39	0 7	15 41	5 25	15 40	15 30	9 18	7 48	7 47
S 29	18 15	17 34	4 31	17 15	4 27	21 52	1 14	22 59	0 9	14 8	0 30	21 48	1 16	11 41	0 35	9 40	0 7	15 41	5 25	15 37	15 29	9 17	7 49	7 48
S 30	18 1	15 15	4 52	17 22	4 18	21 51	1 11	23 1	0 8	14 4	0 30	21 48	1 16	11 42	0 35	9 40	0 7	15 41	5 25	15 34	15 28	9 15	7 50	7 48
M31	17n46	12n20	4s59	17n29	4s 9	21n49	1s 9	23n 3	0s 7	14n 0	0n30	21n47	1s16	11s42	0n35	9s41	0s 7	15n40	5s25	15s29	15s27	9n13	7s51	7n48

Julian Day Number = 3054741.5, Delta T = 02h28m26s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'33, Lahiri = 47°00'33

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

AUGUST 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 40 57	10♌16'40	23♌33	21♋28	9♋36	27♊ 1	23♌50	6♋53	2♏34	5°R 4	24♋37	12°R24	12♏27	22♌12	17°R58	T 1
W 2	20 44 54	11°13'59	5♍24	21°54	10°47	27°44	24° 3	6°59	2°35	5♓ 2	24°39	12♏11	12°24	22°19	17♒55	W 2
T 3	20 48 50	12°11'17	17°16	22°25	11°59	28°27	24°17	7° 6	2°36	5° 1	24°40	12° 0	12°21	22°26	17°51	T 3
F 4	20 52 47	13° 8'36	29°11	23° 1	13°11	29°10	24°30	7°13	2°37	4°59	24°41	11°52	12°17	22°33	17°48	F 4
S 5	20 56 43	14° 5'54	11♎12	23°42	14°22	29°52	24°43	7°20	2°39	4°58	24°43	11°47	12°14	22°39	17°45	S 5
S 6	21 0 40	15° 3'12	23°23	24°28	15°34	0♋35	24°56	7°26	2°40	4°56	24°44	11°44	12°11	22°46	17°41	S 6
M 7	21 4 36	16° 0'30	5♏47	25°19	16°46	1°18	25°10	7°33	2°42	4°55	24°45	11°44	12° 8	22°53	17°38	M 7
T 8	21 8 33	16°57'48	18°31	26°15	17°58	2° 0	25°23	7°40	2°43	4°53	24°47	11°44	12° 5	22°59	17°34	T 8
W 9	21 12 30	17°55'05	1♐38	27°15	19°10	2°42	25°36	7°46	2°45	4°52	24°48	11°43	12° 2	23° 6	17°31	W 9
T 10	21 16 26	18°52'23	15°13	28°20	20°22	3°25	25°49	7°53	2°46	4°50	24°50	11°41	11°58	23°13	17°27	T 10
F 11	21 20 23	19°49'41	29°17	29°30	21°34	4° 7	26° 3	7°59	2°48	4°49	24°51	11°37	11°55	23°20	17°24	F 11
S 12	21 24 19	20°46'58	13♑49	0♌45	22°46	4°49	26°16	8° 5	2°50	4°47	24°52	11°30	11°52	23°26	17°20	S 12
S 13	21 28 16	21°44'16	28°46	2° 4	23°58	5°31	26°29	8°12	2°51	4°45	24°54	11°22	11°49	23°33	17°17	S 13
M14	21 32 12	22°41'34	14♒ 0	3°27	25°10	6°13	26°43	8°18	2°53	4°44	24°55	11°11	11°46	23°40	17°13	M14
T 15	21 36 9	23°38'52	29°21	4°55	26°22	6°55	26°56	8°24	2°55	4°42	24°56	11° 1	11°42	23°47	17°10	T 15
W16	21 40 5	24°36'11	14♓36	6°26	27°34	7°37	27° 9	8°30	2°57	4°41	24°57	10°52	11°39	23°53	17° 6	W16
T 17	21 44 2	25°33'30	29°35	8° 2	28°46	8°19	27°23	8°36	2°59	4°39	24°59	10°45	11°36	24° 0	17° 3	T 17
F 18	21 47 59	26°30'50	14♈11	9°42	29°59	9° 1	27°36	8°42	3° 1	4°37	25° 0	10°40	11°33	24° 7	17° 0	F 18
S 19	21 51 55	27°28'10	28°19	11°26	1♌11	9°42	27°50	8°48	3° 3	4°36	25° 1	10°38	11°30	24°13	16°56	S 19
S 20	21 55 52	28°25'32	11♉59	13°13	2°23	10°24	28° 3	8°54	3° 5	4°34	25° 2	10°D37	11°27	24°20	16°53	S 20
M21	21 59 48	29°22'54	25°12	15° 3	3°36	11° 5	28°16	9° 0	3° 7	4°33	25° 4	10°R38	11°23	24°27	16°49	M21
T 22	22 3 45	0♍20'17	8♊ 1	16°56	4°48	11°47	28°30	9° 6	3° 9	4°31	25° 5	10°37	11°20	24°34	16°46	T 22
W23	22 7 41	1°17'41	20°32	18°52	6° 1	12°28	28°43	9°12	3°11	4°29	25° 6	10°36	11°17	24°40	16°43	W23
T 24	22 11 38	2°15'06	2♋48	20°50	7°13	13° 9	28°56	9°17	3°14	4°28	25° 7	10°32	11°14	24°47	16°40	T 24
F 25	22 15 34	3°12'31	14°53	22°50	8°26	13°51	29°10	9°23	3°16	4°26	25° 9	10°25	11°11	24°54	16°36	F 25
S 26	22 19 31	4° 9'58	26°51	24°52	9°39	14°32	29°23	9°29	3°18	4°24	25°10	10°17	11° 8	25° 0	16°33	S 26
S 27	22 23 28	5° 7'25	8♌45	26°55	10°51	15°13	29°36	9°34	3°21	4°23	25°11	10° 6	11° 4	25° 7	16°30	S 27
M28	22 27 24	6° 4'53	20°37	29° 0	12° 4	15°54	29°49	9°39	3°23	4°21	25°12	9°54	11° 1	25°14	16°27	M28
T 29	22 31 21	7° 2'22	2♍29	1♍ 4	13°17	16°35	0♍ 3	9°45	3°26	4°20	25°13	9°42	10°58	25°21	16°23	T 29
W30	22 35 17	7°59'52	14°22	3°10	14°30	17°15	0°16	9°50	3°28	4°18	25°14	9°31	10°55	25°27	16°20	W30
T 31	22 39 14	8♍57'23	26♍18	5♍15	15♌42	17♋56	0♍29	9♋55	3♏31	4♓16	25♋15	9♏22	10♏52	25♌34	16♒17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n31	8n55	4s54	17n36	3s58	21n47	1s 6	23n 5	0s 6	13n55	0n30	21n47	1s16	11s42	0n35	9s41	0s 7	15n40	5s25	15s25	15s26	9n11	7s52	7n48
W 2	17 15	5 10	4 36	17 43	3 47	21 44	1 3	23 7	0 5	13 51	0 30	21 47	1 16	11 43	0 35	9 42	0 7	15 40	5 25	15 21	15 25	9 9	7 53	7 48
T 3	16 59	1 13	4 6	17 50	3 36	21 41	1 1	23 8	0 5	13 47	0 30	21 46	1 16	11 43	0 35	9 42	0 7	15 40	5 25	15 18	15 24	9 7	7 54	7 48
F 4	16 43	2s49	3 24	17 56	3 23	21 37	0 58	23 10	0 4	13 43	0 30	21 46	1 16	11 44	0 35	9 43	0 7	15 40	5 25	15 16	15 23	9 5	7 55	7 48
S 5	16 27	6 45	2 34	18 2	3 11	21 33	0 55	23 10	0 3	13 38	0 30	21 46	1 16	11 44	0 35	9 43	0 7	15 39	5 25	15 14	15 22	9 3	7 56	7 48
S 6	16 11	10 29	1 35	18 7	2 57	21 27	0 52	23 11	0 2	13 34	0 30	21 45	1 16	11 45	0 35	9 44	0 7	15 39	5 25	15 13	15 21	9 1	7 57	7 48
M 7	15 54	13 50	0 31	18 12	2 44	21 22	0 50	23 12	0 1	13 30	0 30	21 45	1 16	11 45	0 35	9 44	0 7	15 39	5 25	15 13	15 20	8 59	7 58	7 48
T 8	15 37	16 37	0n36	18 16	2 30	21 15	0 47	23 12	0 1	13 25	0 30	21 45	1 16	11 46	0 35	9 45	0 7	15 39	5 25	15 13	15 19	8 57	7 59	7 48
W 9	15 19	18 37	1 43	18 18	2 16	21 9	0 44	23 12	0n 0	13 21	0 30	21 44	1 16	11 46	0 35	9 46	0 7	15 38	5 25	15 13	15 18	8 55	8 0	7 48
T 10	15 2	19 39	2 47	18 19	2 2	21 1	0 41	23 12	0 1	13 16	0 30	21 44	1 16	11 47	0 35	9 46	0 7	15 38	5 25	15 12	15 17	8 53	8 1	7 48
F 11	14 44	19 30	3 43	18 19	1 47	20 53	0 38	23 12	0 2	13 12	0 30	21 43	1 16	11 48	0 35	9 47	0 7	15 38	5 25	15 11	15 17	8 51	8 2	7 48
S 12	14 26	18 5	4 27	18 18	1 33	20 44	0 36	23 11	0 3	13 8	0 30	21 43	1 16	11 48	0 34	9 47	0 7	15 38	5 25	15 9	15 16	8 49	8 4	7 47
S 13	14 8	15 25	4 54	18 15	1 19	20 35	0 33	23 10	0 4	13 3	0 31	21 43	1 16	11 49	0 34	9 48	0 7	15 37	5 25	15 6	15 15	8 47	8 5	7 47
M14	13 50	11 40	5 1	18 10	1 4	20 25	0 30	23 9	0 5	12 59	0 31	21 42	1 16	11 49	0 34	9 48	0 7	15 37	5 25	15 3	15 14	8 45	8 6	7 47
T 15	13 31	7 8	4 46	18 3	0 50	20 15	0 27	23 8	0 5	12 54	0 31	21 42	1 16	11 50	0 34	9 49	0 7	15 37	5 25	15 0	15 13	8 43	8 7	7 47
W16	13 12	2 9	4 11	17 54	0 37	20 4	0 24	23 7	0 6	12 50	0 31	21 41	1 16	11 51	0 34	9 50	0 8	15 37	5 25	14 57	15 12	8 41	8 8	7 47
T 17	12 53	2n53	3 19	17 43	0 23	19 52	0 21	23 5	0 7	12 45	0 31	21 41	1 16	11 51	0 34	9 50	0 8	15 37	5 25	14 55	15 11	8 39	8 9	7 47
F 18	12 34	7 38	2 15	17 30	0 10	19 40	0 19	23 3	0 8	12 41	0 31	21 41	1 16	11 52	0 34	9 51	0 8	15 36	5 25	14 53	15 10	8 37	8 10	7 47
S 19	12 15	11 48	1 5	17 14	0n 2	19 28	0 16	23 1	0 9	12 36	0 31	21 40	1 16	11 53	0 34	9 51	0 8	15 36	5 25	14 53	15 9	8 35	8 11	7 47
S 20	11 55	15 11	0s 7	16 56	0 14	19 14	0 13	22 59	0 10	12 32	0 31	21 40	1 16	11 54	0 34	9 52	0 8	15 36	5 25	14 53	15 8	8 33	8 12	7 46
M21	11 35	17 39	1 17	16 35	0 26	19 1	0 10	22 56	0 11	12 27	0 31	21 39	1 16	11 54	0 34	9 53	0 8	15 36	5 25	14 53	15 7	8 31	8 14	7 46
T 22	11 15	19 9	2 20	16 12	0 37	18 47	0 7	22 54	0 11	12 23	0 31	21 39	1 16	11 55	0 34	9 53	0 8	15 35	5 25	14 53	15 6	8 29	8 15	7 46
W23	10 55	19 39	3 15	15 47	0 47	18 32	0 4	22 51	0 12	12 18	0 31	21 39	1 16	11 56	0 34	9 54	0 8	15 35	5 25	14 52	15 5	8 27	8 16	7 46
T 24	10 35	19 12	4 0	15 19	0 56	18 16	0 2	22 48	0 13	12 14	0 31	21 38	1 16	11 57	0 34	9 54	0 8	15 35	5 25	14 51	15 4	8 25	8 17	7 46
F 25	10 14	17 52	4 33	14 48	1 5	18 1	0n 1	22 45	0 14	12 9	0 31	21 38	1 16	11 58	0 34	9 55	0 8	15 35	5 25	14 49	15 3	8 23	8 18	7 46
S 26	9 54	15 47	4 54	14 15	1 12	17 44	0 4	22 41	0 15	12 5	0 32	21 37	1 16	11 58	0 34	9 56	0 8	15 34	5 25	14 46	15 2	8 21	8 19	7 45
S 27	9 33	13 2	5 2	13 40	1 19	17 28	0 7	22 38	0 16	12 0	0 32	21 37	1 16	11 59	0 34	9 56	0 8	15 34	5 25	14 43	15 1	8 19	8 20	7 45
M28	9 12	9 47	4 57	13 3	1 25	17 10	0 9	22 34	0 17	11 56	0 32	21 36	1 16	12 0	0 34	9 57	0 8	15 34	5 25	14 39	15 0	8 17	8 22	7 45
T 29	8 51	6 9	4 39	12 25	1 31	16 52	0 12	22 30	0 18	11 51	0 32	21 36	1 16	12 1	0 34	9 57	0 8	15 34	5 25	14 35	14 59	8 15	8 23	7 45
W30	8 30	2 16	4 9	11 44	1 35	16 34	0 15	22 26	0 18	11 47	0 32	21 36	1 16	12 2	0 34	9 58	0 8	15 34	5 25	14 32	14 58	8 13	8 24	7 44
T 31	8n 8	1s44	3s28	11n 2	1n39	16n16	0n17	22n21	0n19	11n42	0n32	21n35	1s16	12s 3	0n34	9s59	0s 8	15n33	5s25	14s29	14s57	8n11	8s25	7n44

Julian Day Number = 3054772.5, Delta T = 02h28m27s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'37, Lahiri = 47°00'37

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

SEPTEMBER 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 43 10	9♍54'54	8♎19	7♍20	16♌55	18♋37	0♍43	10♋ 0	3♏33	4°R15	25♋17	9°R15	10♏48	25♌41	16°R14	F 1
S 2	22 47 7	10°52'27	20°26	9°24	18° 8	19°17	0°56	10° 5	3°36	4♓13	25°18	9♏11	10°45	25°47	16♒11	S 2
S 3	22 51 3	11°50'00	2♏43	11°28	19°21	19°58	1° 9	10°10	3°38	4°11	25°19	9° 9	10°42	25°54	16° 8	S 3
M 4	22 55 0	12°47'33	15°12	13°31	20°34	20°38	1°22	10°15	3°41	4°10	25°20	9°D 9	10°39	26° 1	16° 5	M 4
T 5	22 58 56	13°45'08	27°58	15°33	21°47	21°19	1°35	10°20	3°44	4° 8	25°21	9°10	10°36	26° 8	16° 2	T 5
W 6	23 2 53	14°42'43	11♐ 4	17°34	23° 0	21°59	1°49	10°25	3°47	4° 7	25°22	9°R11	10°33	26°14	15°59	W 6
T 7	23 6 50	15°40'19	24°33	19°34	24°13	22°39	2° 2	10°29	3°49	4° 5	25°23	9°10	10°29	26°21	15°57	T 7
F 8	23 10 46	16°37'56	8♑28	21°32	25°27	23°19	2°15	10°34	3°52	4° 3	25°24	9° 8	10°26	26°28	15°54	F 8
S 9	23 14 43	17°35'33	22°48	23°29	26°40	23°59	2°28	10°38	3°55	4° 2	25°25	9° 4	10°23	26°34	15°51	S 9
S 10	23 18 39	18°33'12	7♒33	25°25	27°53	24°39	2°41	10°43	3°58	4° 0	25°26	8°59	10°20	26°41	15°48	S 10
M11	23 22 36	19°30'51	22°34	27°20	29° 6	25°18	2°54	10°47	4° 1	3°59	25°27	8°52	10°17	26°48	15°46	M11
T 12	23 26 32	20°28'31	7♓46	29°13	0♍19	25°58	3° 7	10°51	4° 4	3°57	25°28	8°44	10°13	26°55	15°43	T 12
W13	23 30 29	21°26'12	22°56	1♎ 4	1°33	26°38	3°20	10°56	4° 7	3°56	25°28	8°38	10°10	27° 1	15°41	W13
T 14	23 34 25	22°23'55	7♈55	2°54	2°46	27°17	3°33	11° 0	4°10	3°54	25°29	8°33	10° 7	27° 8	15°38	T 14
F 15	23 38 22	23°21'38	22°35	4°43	4° 0	27°57	3°46	11° 4	4°13	3°53	25°30	8°30	10° 4	27°15	15°36	F 15
S 16	23 42 19	24°19'24	6♉49	6°30	5°13	28°36	3°59	11° 8	4°16	3°51	25°31	8°D29	10° 1	27°21	15°33	S 16
S 17	23 46 15	25°17'10	20°36	8°16	6°27	29°15	4°12	11°11	4°19	3°50	25°32	8°29	9°58	27°28	15°31	S 17
M18	23 50 12	26°14'59	3♊55	10° 1	7°40	29°54	4°24	11°15	4°22	3°48	25°33	8°31	9°54	27°35	15°29	M18
T 19	23 54 8	27°12'49	16°49	11°44	8°54	0♌34	4°37	11°19	4°26	3°47	25°33	8°32	9°51	27°42	15°26	T 19
W20	23 58 5	28°10'40	29°22	13°25	10° 7	1°12	4°50	11°22	4°29	3°45	25°34	8°R32	9°48	27°48	15°24	W20
T 21	0 2 1	29° 8'33	11♋38	15° 6	11°21	1°51	5° 3	11°26	4°32	3°44	25°35	8°32	9°45	27°55	15°22	T 21
F 22	0 5 58	0♎ 6'28	23°42	16°45	12°35	2°30	5°15	11°29	4°35	3°42	25°36	8°29	9°42	28° 2	15°20	F 22
S 23	0 9 54	1° 4'25	5♌39	18°23	13°48	3° 9	5°28	11°32	4°39	3°41	25°36	8°25	9°39	28° 8	15°18	S 23
S 24	0 13 51	2° 2'23	17°31	19°59	15° 2	3°47	5°41	11°36	4°42	3°39	25°37	8°19	9°35	28°15	15°16	S 24
M25	0 17 48	3° 0'23	29°22	21°34	16°16	4°26	5°53	11°39	4°45	3°38	25°38	8°13	9°32	28°22	15°14	M25
T 26	0 21 44	3°58'24	11♍15	23° 8	17°30	5° 4	6° 6	11°42	4°49	3°37	25°38	8° 7	9°29	28°29	15°12	T 26
W27	0 25 41	4°56'27	23°13	24°41	18°44	5°43	6°18	11°45	4°52	3°35	25°39	8° 1	9°26	28°35	15°11	W27
T 28	0 29 37	5°54'31	5♎17	26°12	19°58	6°21	6°31	11°47	4°55	3°34	25°40	7°56	9°23	28°42	15° 9	T 28
F 29	0 33 34	6°52'37	17°28	27°42	21°12	6°59	6°43	11°50	4°59	3°33	25°40	7°53	9°19	28°49	15° 7	F 29
S 30	0 37 30	7♎50'45	29♎48	29♎11	22♍26	7♌37	6♍55	11♋53	5♏ 2	3♓31	25♋41	7♏51	9♏16	28♌55	15♒ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n47	5s41	2s37	10n19	1n41	15n56	0n20	22n17	0n20	11n37	0n32	21n35	1s17	12s 4	0n34	9s59	0s 8	15n33	5s25	14s27	14s56	8n 9	8s26	7n44
S 2	7 25	9 26	1 39	9 34	1 43	15 37	0 22	22 12	0 21	11 33	0 32	21 34	1 17	12 4	0 34	10 0	0 8	15 33	5 26	14 26	14 55	8 7	8 27	7 43
S 3	7 4	12 51	0 34	8 49	1 44	15 17	0 25	22 7	0 22	11 28	0 32	21 34	1 17	12 5	0 34	10 0	0 8	15 33	5 26	14 25	14 54	8 5	8 28	7 43
M 4	6 42	15 44	0n32	8 2	1 45	14 56	0 27	22 2	0 23	11 24	0 32	21 34	1 17	12 6	0 34	10 1	0 8	15 32	5 26	14 25	14 53	8 3	8 30	7 43
T 5	6 20	17 55	1 39	7 15	1 44	14 36	0 30	21 57	0 24	11 19	0 32	21 33	1 17	12 7	0 34	10 2	0 8	15 32	5 26	14 25	14 52	8 1	8 31	7 43
W 6	5 58	19 13	2 43	6 27	1 43	14 14	0 32	21 51	0 25	11 15	0 32	21 33	1 17	12 8	0 34	10 2	0 8	15 32	5 26	14 26	14 51	7 59	8 32	7 42
T 7	5 36	19 28	3 39	5 39	1 42	13 53	0 35	21 46	0 26	11 10	0 33	21 32	1 17	12 9	0 34	10 3	0 8	15 32	5 26	14 25	14 50	7 57	8 33	7 42
F 8	5 14	18 34	4 24	4 51	1 39	13 31	0 37	21 40	0 27	11 5	0 33	21 32	1 17	12 10	0 34	10 3	0 8	15 32	5 26	14 25	14 49	7 55	8 34	7 42
S 9	4 52	16 28	4 55	4 2	1 36	13 8	0 39	21 34	0 28	11 1	0 33	21 32	1 17	12 11	0 34	10 4	0 8	15 31	5 26	14 24	14 48	7 53	8 35	7 41
S 10	4 29	13 16	5 7	3 14	1 33	12 45	0 42	21 28	0 28	10 56	0 33	21 31	1 17	12 12	0 34	10 4	0 8	15 31	5 26	14 22	14 47	7 51	8 36	7 41
M11	4 7	9 9	4 58	2 25	1 29	12 22	0 44	21 22	0 29	10 52	0 33	21 31	1 17	12 13	0 34	10 5	0 8	15 31	5 26	14 19	14 46	7 49	8 37	7 40
T 12	3 44	4 25	4 29	1 37	1 25	11 59	0 46	21 16	0 30	10 47	0 33	21 30	1 17	12 14	0 33	10 6	0 8	15 31	5 26	14 17	14 45	7 47	8 38	7 40
W13	3 22	0n36	3 41	0 48	1 20	11 35	0 48	21 9	0 31	10 43	0 33	21 30	1 17	12 15	0 33	10 6	0 8	15 31	5 26	14 15	14 44	7 45	8 40	7 40
T 14	2 59	5 32	2 37	0 0	1 15	11 11	0 50	21 3	0 32	10 38	0 33	21 30	1 17	12 16	0 33	10 7	0 8	15 30	5 26	14 14	14 43	7 43	8 41	7 39
F 15	2 37	10 1	1 25	0s47	1 10	10 46	0 52	20 56	0 33	10 33	0 33	21 29	1 17	12 17	0 33	10 7	0 8	15 30	5 26	14 13	14 42	7 41	8 42	7 39
S 16	2 14	13 49	0 9	1 35	1 4	10 22	0 54	20 49	0 34	10 29	0 33	21 29	1 17	12 18	0 33	10 8	0 8	15 30	5 26	14 12	14 41	7 39	8 43	7 38
S 17	1 51	16 41	1s 5	2 22	0 58	9 57	0 56	20 42	0 35	10 24	0 34	21 28	1 17	12 19	0 33	10 8	0 8	15 30	5 26	14 12	14 40	7 37	8 44	7 38
M18	1 29	18 33	2 13	3 9	0 51	9 31	0 58	20 34	0 36	10 20	0 34	21 28	1 17	12 20	0 33	10 9	0 8	15 30	5 26	14 13	14 39	7 35	8 45	7 38
T 19	1 6	19 23	3 13	3 55	0 45	9 6	1 0	20 27	0 37	10 15	0 34	21 28	1 17	12 21	0 33	10 9	0 8	15 29	5 26	14 13	14 38	7 33	8 46	7 37
W20	0 43	19 12	4 1	4 40	0 38	8 40	1 2	20 20	0 38	10 11	0 34	21 27	1 17	12 23	0 33	10 10	0 8	15 29	5 26	14 13	14 37	7 31	8 47	7 37
T 21	0 20	18 7	4 37	5 25	0 31	8 14	1 4	20 12	0 39	10 6	0 34	21 27	1 18	12 24	0 33	10 10	0 8	15 29	5 26	14 13	14 36	7 29	8 48	7 36
F 22	0s 3	16 14	5 0	6 10	0 23	7 47	1 5	20 4	0 40	10 2	0 34	21 27	1 18	12 25	0 33	10 11	0 8	15 29	5 27	14 12	14 35	7 27	8 49	7 36
S 23	0 25	13 40	5 10	6 54	0 16	7 21	1 7	19 56	0 41	9 57	0 34	21 26	1 18	12 26	0 33	10 12	0 8	15 29	5 27	14 11	14 34	7 25	8 50	7 35
S 24	0 48	10 34	5 7	7 37	0 8	6 54	1 9	19 48	0 42	9 53	0 34	21 26	1 18	12 27	0 33	10 12	0 8	15 28	5 27	14 9	14 33	7 23	8 51	7 35
M25	1 11	7 3	4 50	8 20	0 0	6 27	1 10	19 40	0 43	9 48	0 34	21 26	1 18	12 28	0 33	10 13	0 8	15 28	5 27	14 7	14 32	7 21	8 52	7 34
T 26	1 34	3 15	4 21	9 2	0s 7	6 0	1 12	19 32	0 44	9 44	0 35	21 25	1 18	12 29	0 33	10 13	0 8	15 28	5 27	14 5	14 31	7 19	8 53	7 34
W27	1 57	0s42	3 40	9 43	0 15	5 32	1 13	19 24	0 45	9 39	0 35	21 25	1 18	12 30	0 33	10 14	0 8	15 28	5 27	14 3	14 30	7 17	8 54	7 33
T 28	2 20	4 40	2 49	10 24	0 23	5 5	1 14	19 15	0 46	9 35	0 35	21 25	1 18	12 32	0 33	10 14	0 8	15 28	5 27	14 2	14 29	7 15	8 55	7 33
F 29	2 42	8 29	1 49	11 3	0 32	4 37	1 16	19 7	0 47	9 31	0 35	21 25	1 18	12 33	0 33	10 14	0 8	15 27	5 27	14 1	14 28	7 13	8 56	7 32
S 30	3s 5	11s59	0s44	11s42	0s40	4n 9	1n17	18n58	0n48	9n26	0n35	21n24	1s18	12s34	0n33	10s15	0s 8	15n27	5s27	14s 0	14s27	7n11	8s57	7n32

Julian Day Number = 3054803.5, Delta T = 02h28m28s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'41, Lahiri = 47°00'42

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

OCTOBER 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 27	8♎48'54	12♏19	0♏39	23♍40	8♌15	7♍ 7	11♋55	5♏ 6	3°R30	25♋41	7°D51	9♏13	29♌ 2	15°R 4	S 1
M 2	0 45 23	9°47'04	25° 1	2° 5	24°54	8°53	7°20	11°58	5° 9	3♓29	25°42	7♏52	9°10	29° 9	15♒ 3	M 2
T 3	0 49 20	10°45'16	7♐58	3°30	26° 8	9°30	7°32	12° 0	5°13	3°28	25°42	7°53	9° 7	29°16	15° 1	T 3
W 4	0 53 16	11°43'30	21°11	4°53	27°22	10° 8	7°44	12° 2	5°16	3°27	25°43	7°55	9° 4	29°22	15° 0	W 4
T 5	0 57 13	12°41'44	4♑42	6°16	28°36	10°45	7°56	12° 4	5°20	3°25	25°43	7°56	9° 0	29°29	14°59	T 5
F 6	1 1 10	13°40'01	18°32	7°36	29°50	11°23	8° 8	12° 6	5°23	3°24	25°44	7°R56	8°57	29°36	14°58	F 6
S 7	1 5 6	14°38'18	2♒41	8°56	1♎ 4	12° 0	8°20	12° 8	5°27	3°23	25°44	7°55	8°54	29°42	14°57	S 7
S 8	1 9 3	15°36'37	17° 7	10°14	2°18	12°37	8°32	12°10	5°31	3°22	25°45	7°53	8°51	29°49	14°56	S 8
M 9	1 12 59	16°34'57	1♓48	11°30	3°33	13°14	8°43	12°11	5°34	3°21	25°45	7°51	8°48	29°56	14°55	M 9
T 10	1 16 56	17°33'19	16°37	12°45	4°47	13°51	8°55	12°13	5°38	3°20	25°45	7°48	8°45	0♍ 3	14°54	T 10
W11	1 20 52	18°31'42	1♈28	13°58	6° 1	14°28	9° 7	12°14	5°41	3°19	25°46	7°46	8°41	0° 9	14°53	W11
T 12	1 24 49	19°30'07	16°11	15° 9	7°15	15° 4	9°18	12°16	5°45	3°18	25°46	7°44	8°38	0°16	14°52	T 12
F 13	1 28 45	20°28'34	0♉41	16°18	8°30	15°41	9°30	12°17	5°49	3°17	25°46	7°D43	8°35	0°23	14°51	F 13
S 14	1 32 42	21°27'02	14°51	17°26	9°44	16°17	9°41	12°18	5°52	3°16	25°47	7°43	8°32	0°29	14°51	S 14
S 15	1 36 39	22°25'33	28°38	18°31	10°59	16°53	9°53	12°19	5°56	3°15	25°47	7°44	8°29	0°36	14°50	S 15
M16	1 40 35	23°24'05	12♊ 1	19°34	12°13	17°30	10° 4	12°20	6° 0	3°14	25°47	7°45	8°25	0°43	14°50	M16
T 17	1 44 32	24°22'40	24°59	20°35	13°27	18° 6	10°15	12°21	6° 4	3°13	25°47	7°46	8°22	0°50	14°49	T 17
W18	1 48 28	25°21'17	7♋37	21°33	14°42	18°42	10°27	12°22	6° 7	3°12	25°48	7°47	8°19	0°56	14°49	W18
T 19	1 52 25	26°19'56	19°56	22°29	15°56	19°17	10°38	12°22	6°11	3°11	25°48	7°47	8°16	1° 3	14°49	T 19
F 20	1 56 21	27°18'36	2♌ 2	23°22	17°11	19°53	10°49	12°23	6°15	3°11	25°48	7°R47	8°13	1°10	14°49	F 20
S 21	2 0 18	28°17'19	13°59	24°11	18°25	20°29	11° 0	12°23	6°19	3°10	25°48	7°47	8°10	1°16	14°49	S 21
S 22	2 4 14	29°16'05	25°51	24°57	19°40	21° 4	11°10	12°23	6°22	3° 9	25°48	7°46	8° 6	1°23	14°D49	S 22
M23	2 8 11	0♏14'52	7♍43	25°40	20°55	21°40	11°21	12°24	6°26	3° 8	25°48	7°45	8° 3	1°30	14°49	M23
T 24	2 12 7	1°13'41	19°39	26°18	22° 9	22°15	11°32	12°R24	6°30	3° 8	25°48	7°44	8° 0	1°37	14°49	T 24
W25	2 16 4	2°12'32	1♎42	26°52	23°24	22°50	11°42	12°24	6°34	3° 7	25°48	7°44	7°57	1°43	14°49	W25
T 26	2 20 1	3°11'26	13°54	27°22	24°39	23°25	11°53	12°24	6°37	3° 6	25°R48	7°43	7°54	1°50	14°49	T 26
F 27	2 23 57	4°10'21	26°18	27°46	25°53	23°59	12° 3	12°23	6°41	3° 6	25°48	7°43	7°50	1°57	14°49	F 27
S 28	2 27 54	5° 9'19	8♏55	28° 4	27° 8	24°34	12°14	12°23	6°45	3° 5	25°48	7°D43	7°47	2° 3	14°50	S 28
S 29	2 31 50	6° 8'18	21°45	28°17	28°23	25° 8	12°24	12°22	6°49	3° 5	25°48	7°43	7°44	2°10	14°50	S 29
M30	2 35 47	7° 7'19	4♐50	28°R23	29°37	25°43	12°34	12°22	6°53	3° 4	25°48	7°43	7°41	2°17	14°51	M30
T 31	2 39 43	8♏ 6'22	18♐ 7	28♏23	0♏52	26♌17	12♍44	12♋21	6♏56	3♓ 4	25♋48	7°R43	7♏38	2♍24	14♒51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s28	15s 0	0n24	12s21	0s48	3n41	1n18	18n49	0n49	9n22	0n35	21n24	1s18	12s35	0n33	10s15	0s 8	15n27	5s27	14s 0	14s26	7n 9	8s58	7n31
M 2	3 51	17 21	1 33	12 58	0 56	3 13	1 19	18 41	0 50	9 17	0 35	21 24	1 18	12 36	0 33	10 16	0 8	15 27	5 27	14 0	14 25	7 7	8 59	7 31
T 3	4 13	18 51	2 38	13 35	1 4	2 45	1 20	18 32	0 51	9 13	0 35	21 23	1 18	12 37	0 33	10 16	0 8	15 27	5 27	14 1	14 24	7 5	8 59	7 30
W 4	4 36	19 21	3 36	14 11	1 13	2 17	1 21	18 23	0 52	9 9	0 36	21 23	1 18	12 39	0 33	10 17	0 8	15 27	5 27	14 1	14 23	7 3	9 0	7 30
T 5	4 58	18 45	4 23	14 46	1 21	1 48	1 22	18 13	0 53	9 4	0 36	21 23	1 18	12 40	0 33	10 17	0 8	15 27	5 27	14 2	14 22	7 1	9 1	7 29
F 6	5 21	17 3	4 57	15 20	1 29	1 20	1 23	18 4	0 54	9 0	0 36	21 23	1 18	12 41	0 33	10 18	0 8	15 26	5 27	14 2	14 21	6 59	9 2	7 29
S 7	5 43	14 18	5 13	15 53	1 37	0 51	1 24	17 55	0 55	8 56	0 36	21 22	1 18	12 42	0 33	10 18	0 8	15 26	5 28	14 1	14 20	6 57	9 3	7 28
S 8	6 5	10 37	5 11	16 25	1 45	0 23	1 24	17 46	0 56	8 51	0 36	21 22	1 19	12 43	0 33	10 18	0 8	15 26	5 28	14 1	14 19	6 55	9 4	7 28
M 9	6 28	6 15	4 48	16 56	1 53	0s 6	1 25	17 36	0 57	8 47	0 36	21 22	1 19	12 45	0 33	10 19	0 8	15 26	5 28	14 0	14 18	6 53	9 4	7 27
T 10	6 50	1 27	4 6	17 27	2 1	0 34	1 25	17 27	0 58	8 43	0 36	21 22	1 19	12 46	0 33	10 19	0 8	15 26	5 28	13 59	14 17	6 51	9 5	7 27
W11	7 12	3n26	3 7	17 56	2 9	1 3	1 26	17 17	0 59	8 39	0 36	21 22	1 19	12 47	0 33	10 20	0 8	15 26	5 28	13 58	14 16	6 49	9 6	7 26
T 12	7 34	8 6	1 56	18 24	2 16	1 32	1 26	17 7	1 0	8 35	0 37	21 21	1 19	12 48	0 33	10 20	0 8	15 26	5 28	13 58	14 15	6 47	9 7	7 26
F 13	7 56	12 13	0 39	18 51	2 24	2 1	1 27	16 58	1 1	8 30	0 37	21 21	1 19	12 49	0 33	10 20	0 8	15 25	5 28	13 58	14 14	6 45	9 7	7 25
S 14	8 17	15 31	0s39	19 18	2 31	2 29	1 27	16 48	1 2	8 26	0 37	21 21	1 19	12 51	0 33	10 21	0 8	15 25	5 28	13 58	14 13	6 43	9 8	7 25
S 15	8 39	17 50	1 53	19 43	2 38	2 58	1 27	16 38	1 3	8 22	0 37	21 21	1 19	12 52	0 33	10 21	0 8	15 25	5 28	13 58	14 12	6 41	9 9	7 24
M16	9 1	19 5	2 59	20 7	2 45	3 27	1 27	16 28	1 4	8 18	0 37	21 21	1 19	12 53	0 33	10 21	0 8	15 25	5 28	13 58	14 11	6 39	9 9	7 23
T 17	9 22	19 15	3 53	20 29	2 51	3 55	1 27	16 18	1 5	8 14	0 37	21 21	1 19	12 54	0 33	10 22	0 8	15 25	5 28	13 59	14 10	6 37	9 10	7 23
W18	9 43	18 27	4 34	20 51	2 57	4 24	1 27	16 8	1 6	8 10	0 37	21 21	1 19	12 56	0 33	10 22	0 8	15 25	5 28	13 59	14 9	6 35	9 11	7 22
T 19	10 4	16 47	5 2	21 11	3 3	4 52	1 27	15 58	1 7	8 6	0 38	21 20	1 19	12 57	0 33	10 22	0 8	15 25	5 28	13 59	14 8	6 33	9 11	7 22
F 20	10 25	14 24	5 15	21 29	3 9	5 21	1 27	15 48	1 8	8 2	0 38	21 20	1 19	12 58	0 33	10 23	0 8	15 25	5 29	13 59	14 7	6 31	9 12	7 21
S 21	10 46	11 27	5 15	21 47	3 14	5 49	1 27	15 38	1 9	7 58	0 38	21 20	1 19	12 59	0 33	10 23	0 8	15 25	5 29	13 59	14 6	6 29	9 13	7 21
S 22	11 7	8 3	5 1	22 3	3 18	6 17	1 27	15 27	1 10	7 54	0 38	21 20	1 19	13 1	0 33	10 23	0 8	15 24	5 29	13 59	14 5	6 27	9 13	7 20
M23	11 27	4 21	4 35	22 17	3 23	6 45	1 27	15 17	1 11	7 50	0 38	21 20	1 19	13 2	0 33	10 23	0 8	15 24	5 29	13 58	14 4	6 25	9 14	7 19
T 24	11 48	0 26	3 56	22 29	3 26	7 13	1 26	15 7	1 12	7 46	0 38	21 20	1 20	13 3	0 33	10 24	0 8	15 24	5 29	13 58	14 3	6 23	9 14	7 19
W25	12 8	3s32	3 7	22 40	3 29	7 41	1 26	14 57	1 14	7 42	0 38	21 20	1 20	13 4	0 33	10 24	0 8	15 24	5 29	13 58	14 2	6 21	9 15	7 18
T 26	12 28	7 25	2 8	22 49	3 31	8 8	1 25	14 46	1 15	7 38	0 39	21 20	1 20	13 5	0 33	10 24	0 8	15 24	5 29	13 58	14 1	6 19	9 15	7 18
F 27	12 48	11 2	1 3	22 56	3 33	8 36	1 25	14 36	1 16	7 35	0 39	21 20	1 20	13 7	0 33	10 24	0 8	15 24	5 29	13 57	14 0	6 17	9 16	7 17
S 28	13 7	14 14	0n 7	23 1	3 33	9 3	1 24	14 25	1 17	7 31	0 39	21 20	1 20	13 8	0 33	10 24	0 8	15 24	5 29	13 57	13 59	6 15	9 16	7 17
S 29	13 27	16 48	1 17	23 3	3 33	9 30	1 23	14 15	1 18	7 27	0 39	21 20	1 20	13 9	0 33	10 25	0 8	15 24	5 29	13 57	13 58	6 13	9 16	7 16
M30	13 46	18 32	2 25	23 3	3 31	9 57	1 23	14 5	1 19	7 23	0 39	21 20	1 20	13 10	0 33	10 25	0 8	15 24	5 29	13 57	13 57	6 11	9 17	7 15
T 31	14s 5	19s17	3n26	23s 1	3s29	10s24	1n22	13n54	1n20	7n20	0n39	21n20	1s20	13s12	0n33	10s25	0s 8	15n24	5s29	13s57	13s56	6n 9	9s17	7n15

Julian Day Number = 3054833.5, Delta T = 02h28m29s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'45, Lahiri = 47°00'46

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

NOVEMBER 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 43 40	9♏ 5'27	1♉38	28°R15	2♏ 7	26♌51	12♍54	12°R20	7♏ 0	3°R 3	25°R48	7°R43	7♏35	2♍30	14♒52	W 1
T 2	2 47 36	10° 4'34	15°22	27♏59	3°22	27°25	13° 4	12♋19	7° 4	3♓ 3	25♋48	7♏42	7°31	2°37	14°53	T 2
F 3	2 51 33	11° 3'42	29°16	27°36	4°37	27°58	13°13	12°18	7° 8	3° 3	25°47	7°42	7°28	2°44	14°54	F 3
S 4	2 55 30	12° 2'52	13♒22	27° 4	5°51	28°32	13°23	12°17	7°12	3° 2	25°47	7°D42	7°25	2°50	14°55	S 4
S 5	2 59 26	13° 2'03	27°35	26°24	7° 6	29° 5	13°32	12°16	7°15	3° 2	25°47	7°42	7°22	2°57	14°56	S 5
M 6	3 3 23	14° 1'16	11♓55	25°37	8°21	29°39	13°42	12°15	7°19	3° 2	25°47	7°43	7°19	3° 4	14°57	M 6
T 7	3 7 19	15° 0'31	26°19	24°42	9°36	0♍12	13°51	12°13	7°23	3° 1	25°46	7°43	7°16	3°10	14°58	T 7
W 8	3 11 16	15°59'47	10♈41	23°40	10°51	0°45	14° 0	12°12	7°27	3° 1	25°46	7°44	7°12	3°17	14°59	W 8
T 9	3 15 12	16°59'05	24°58	22°33	12° 6	1°17	14° 9	12°10	7°30	3° 1	25°46	7°45	7° 9	3°24	15° 0	T 9
F 10	3 19 9	17°58'25	9♉ 6	21°22	13°21	1°50	14°18	12° 8	7°34	3° 1	25°46	7°R45	7° 6	3°31	15° 2	F 10
S 11	3 23 5	18°57'47	23° 0	20° 9	14°36	2°22	14°27	12° 6	7°38	3° 1	25°45	7°44	7° 3	3°37	15° 3	S 11
S 12	3 27 2	19°57'11	6♊36	18°56	15°51	2°54	14°36	12° 4	7°42	3° 1	25°45	7°43	7° 0	3°44	15° 5	S 12
M13	3 30 59	20°56'37	19°54	17°44	17° 5	3°26	14°44	12° 2	7°45	3° 1	25°44	7°42	6°56	3°51	15° 6	M13
T 14	3 34 55	21°56'05	2♋51	16°37	18°20	3°58	14°53	12° 0	7°49	3°D 1	25°44	7°40	6°53	3°57	15° 8	T 14
W15	3 38 52	22°55'35	15°29	15°36	19°35	4°30	15° 1	11°58	7°53	3° 1	25°44	7°38	6°50	4° 4	15°10	W15
T 16	3 42 48	23°55'08	27°50	14°43	20°50	5° 1	15°10	11°56	7°56	3° 1	25°43	7°36	6°47	4°11	15°11	T 16
F 17	3 46 45	24°54'42	9♌58	13°59	22° 5	5°33	15°18	11°53	8° 0	3° 1	25°43	7°34	6°44	4°18	15°13	F 17
S 18	3 50 41	25°54'19	21°56	13°25	23°20	6° 4	15°26	11°51	8° 4	3° 1	25°42	7°D34	6°41	4°24	15°15	S 18
S 19	3 54 38	26°53'57	3♍48	13° 3	24°35	6°35	15°33	11°48	8° 7	3° 1	25°42	7°34	6°37	4°31	15°17	S 19
M20	3 58 34	27°53'38	15°40	12°D52	25°51	7° 5	15°41	11°45	8°11	3° 1	25°41	7°35	6°34	4°38	15°19	M20
T 21	4 2 31	28°53'21	27°37	12°52	27° 6	7°36	15°49	11°42	8°15	3° 1	25°40	7°36	6°31	4°44	15°21	T 21
W22	4 6 28	29°53'07	9♎42	13° 3	28°21	8° 6	15°56	11°39	8°18	3° 2	25°40	7°38	6°28	4°51	15°23	W22
T 23	4 10 24	0♐52'54	22° 1	13°25	29°36	8°36	16° 3	11°36	8°22	3° 2	25°39	7°39	6°25	4°58	15°26	T 23
F 24	4 14 21	1°52'43	4♏35	13°56	0♐51	9° 6	16°11	11°33	8°25	3° 2	25°39	7°R40	6°22	5° 5	15°28	F 24
S 25	4 18 17	2°52'34	17°27	14°37	2° 6	9°36	16°18	11°30	8°29	3° 3	25°38	7°40	6°18	5°11	15°30	S 25
S 26	4 22 14	3°52'28	0♐38	15°25	3°21	10° 5	16°24	11°27	8°32	3° 3	25°37	7°38	6°15	5°18	15°33	S 26
M27	4 26 10	4°52'23	14° 8	16°21	4°36	10°34	16°31	11°23	8°36	3° 4	25°37	7°35	6°12	5°25	15°35	M27
T 28	4 30 7	5°52'20	27°53	17°23	5°51	11° 3	16°38	11°20	8°39	3° 4	25°36	7°31	6° 9	5°31	15°38	T 28
W29	4 34 3	6°52'19	11♑51	18°30	7° 7	11°32	16°44	11°16	8°43	3° 4	25°35	7°27	6° 6	5°38	15°40	W29
T 30	4 38 0	7♐52'19	25♑58	19♏43	8♐22	12♍ 0	16♍50	11♋13	8♏46	3♓ 5	25♋35	7♏22	6♏ 2	5♍45	15♒43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s24	18s56	4n17	22s55	3s25	10s50	1n21	13n44	1n21	7n16	0n40	21n20	1s20	13s13	0n33	10s25	0s 8	15n24	5s29	13s57	13s55	6n 7	9s18	7n14
T 2	14 42	17 29	4 53	22 46	3 19	11 16	1 20	13 33	1 22	7 13	0 40	21 20	1 20	13 14	0 33	10 25	0 8	15 24	5 29	13 57	13 54	6 5	9 18	7 14
F 3	15 1	15 0	5 14	22 34	3 12	11 42	1 19	13 23	1 24	7 9	0 40	21 20	1 20	13 15	0 33	10 25	0 8	15 24	5 30	13 57	13 53	6 3	9 18	7 13
S 4	15 19	11 37	5 16	22 18	3 4	12 8	1 18	13 12	1 25	7 6	0 40	21 20	1 20	13 17	0 33	10 26	0 8	15 24	5 30	13 57	13 52	6 1	9 18	7 13
S 5	15 37	7 31	4 58	21 59	2 53	12 33	1 17	13 2	1 26	7 2	0 40	21 20	1 20	13 18	0 33	10 26	0 8	15 24	5 30	13 57	13 51	5 59	9 19	7 12
M 6	15 54	2 58	4 23	21 36	2 41	12 58	1 16	12 51	1 27	6 59	0 40	21 20	1 20	13 19	0 33	10 26	0 8	15 24	5 30	13 58	13 50	5 57	9 19	7 11
T 7	16 12	1n46	3 30	21 10	2 28	13 23	1 14	12 41	1 28	6 55	0 41	21 20	1 20	13 20	0 33	10 26	0 8	15 24	5 30	13 58	13 49	5 55	9 19	7 11
W 8	16 29	6 25	2 24	20 39	2 12	13 47	1 13	12 30	1 29	6 52	0 41	21 20	1 20	13 21	0 33	10 26	0 8	15 24	5 30	13 58	13 48	5 53	9 19	7 10
T 9	16 45	10 40	1 10	20 6	1 55	14 11	1 12	12 20	1 31	6 49	0 41	21 20	1 20	13 23	0 33	10 26	0 8	15 24	5 30	13 58	13 47	5 51	9 20	7 10
F 10	17 2	14 17	0s 7	19 30	1 37	14 35	1 10	12 10	1 32	6 45	0 41	21 20	1 20	13 24	0 33	10 26	0 8	15 24	5 30	13 58	13 46	5 49	9 20	7 9
S 11	17 18	17 0	1 23	18 52	1 17	14 58	1 9	11 59	1 33	6 42	0 41	21 21	1 20	13 25	0 33	10 26	0 8	15 24	5 30	13 58	13 45	5 47	9 20	7 9
S 12	17 34	18 42	2 33	18 13	0 57	15 21	1 8	11 49	1 34	6 39	0 42	21 21	1 21	13 26	0 33	10 26	0 8	15 24	5 30	13 58	13 44	5 45	9 20	7 8
M13	17 50	19 19	3 33	17 33	0 36	15 44	1 6	11 38	1 35	6 36	0 42	21 21	1 21	13 27	0 33	10 26	0 8	15 24	5 30	13 57	13 43	5 43	9 20	7 7
T 14	18 5	18 52	4 20	16 54	0 16	16 6	1 4	11 28	1 37	6 33	0 42	21 21	1 21	13 29	0 33	10 26	0 8	15 24	5 30	13 57	13 42	5 41	9 20	7 7
W15	18 20	17 29	4 53	16 18	0n 4	16 28	1 3	11 18	1 38	6 30	0 42	21 21	1 21	13 30	0 33	10 26	0 8	15 24	5 30	13 56	13 40	5 39	9 20	7 6
T 16	18 35	15 19	5 11	15 44	0 24	16 49	1 1	11 7	1 39	6 27	0 42	21 21	1 21	13 31	0 33	10 26	0 8	15 24	5 30	13 55	13 39	5 37	9 20	7 6
F 17	18 49	12 31	5 15	15 14	0 42	17 10	0 59	10 57	1 40	6 24	0 42	21 22	1 21	13 32	0 33	10 26	0 8	15 24	5 30	13 55	13 38	5 35	9 20	7 5
S 18	19 4	9 14	5 6	14 48	0 59	17 31	0 58	10 47	1 41	6 21	0 43	21 22	1 21	13 33	0 33	10 26	0 8	15 24	5 31	13 55	13 37	5 33	9 20	7 5
S 19	19 17	5 37	4 43	14 27	1 14	17 51	0 56	10 37	1 43	6 18	0 43	21 22	1 21	13 34	0 33	10 26	0 8	15 24	5 31	13 55	13 36	5 31	9 20	7 4
M20	19 31	1 46	4 9	14 11	1 27	18 10	0 54	10 27	1 44	6 15	0 43	21 22	1 21	13 36	0 33	10 26	0 8	15 24	5 31	13 55	13 35	5 29	9 20	7 4
T 21	19 44	2s10	3 23	14 0	1 39	18 29	0 52	10 16	1 45	6 13	0 43	21 22	1 21	13 37	0 33	10 26	0 8	15 24	5 31	13 55	13 34	5 27	9 20	7 3
W22	19 57	6 5	2 28	13 54	1 48	18 48	0 50	10 6	1 47	6 10	0 43	21 23	1 21	13 38	0 33	10 26	0 8	15 24	5 31	13 56	13 33	5 25	9 20	7 3
T 23	20 9	9 49	1 25	13 52	1 56	19 6	0 48	9 56	1 48	6 7	0 44	21 23	1 21	13 39	0 33	10 26	0 8	15 24	5 31	13 56	13 32	5 23	9 20	7 2
F 24	20 21	13 12	0 17	13 55	2 3	19 24	0 46	9 46	1 49	6 5	0 44	21 23	1 21	13 40	0 33	10 26	0 8	15 24	5 31	13 57	13 31	5 21	9 20	7 2
S 25	20 33	16 2	0n54	14 3	2 8	19 41	0 44	9 37	1 50	6 2	0 44	21 23	1 21	13 41	0 33	10 26	0 8	15 24	5 31	13 57	13 30	5 19	9 20	7 1
S 26	20 44	18 6	2 3	14 13	2 11	19 57	0 42	9 27	1 52	6 0	0 44	21 24	1 21	13 42	0 33	10 25	0 8	15 24	5 31	13 56	13 29	5 17	9 19	7 1
M27	20 55	19 12	3 7	14 27	2 13	20 13	0 40	9 17	1 53	5 57	0 44	21 24	1 21	13 44	0 33	10 25	0 8	15 24	5 31	13 55	13 28	5 15	9 19	7 0
T 28	21 6	19 11	4 1	14 44	2 14	20 28	0 38	9 7	1 54	5 55	0 45	21 24	1 21	13 45	0 33	10 25	0 8	15 24	5 31	13 54	13 27	5 13	9 19	6 59
W29	21 16	18 1	4 42	15 2	2 13	20 43	0 35	8 58	1 56	5 53	0 45	21 24	1 21	13 46	0 33	10 25	0 8	15 24	5 31	13 52	13 26	5 11	9 19	6 59
T 30	21s26	15s45	5n 6	15s23	2n12	20s57	0n33	8n48	1n57	5n51	0n45	21n25	1s21	13s47	0n33	10s25	0s 8	15n24	5s31	13s51	13s25	5n 9	9s18	6n58

Julian Day Number = 3054864.5, Delta T = 02h28m29s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'50, Lahiri = 47°00'50

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ASTRODIENST EPHEMERIS for the year 3651
geocentric

DECEMBER 3651 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 41 57	8♐52'21	10♒10	20♏59	9♐37	12♍28	16♍57	11°R 9	8♏50	3♓ 6	25°R34	7°R18	5♏59	5♍51	15♒46	F 1
S 2	4 45 53	9°52'24	24°24	22°19	10°52	12°56	17° 3	11♋ 5	8°53	3° 6	25♋33	7♏16	5°56	5°58	15°49	S 2
S 3	4 49 50	10°52'29	8♓36	23°42	12° 7	13°24	17° 8	11° 2	8°56	3° 7	25°32	7°D15	5°53	6° 5	15°51	S 3
M 4	4 53 46	11°52'35	22°45	25° 7	13°22	13°51	17°14	10°58	9° 0	3° 7	25°31	7°15	5°50	6°12	15°54	M 4
T 5	4 57 43	12°52'42	6♈48	26°35	14°38	14°19	17°19	10°54	9° 3	3° 8	25°31	7°17	5°47	6°18	15°57	T 5
W 6	5 1 39	13°52'51	20°44	28° 4	15°53	14°45	17°25	10°50	9° 6	3° 9	25°30	7°18	5°43	6°25	16° 0	W 6
T 7	5 5 36	14°53'02	4♉33	29°35	17° 8	15°12	17°30	10°46	9°10	3°10	25°29	7°R19	5°40	6°32	16° 4	T 7
F 8	5 9 32	15°53'14	18°13	1♐ 6	18°23	15°38	17°35	10°41	9°13	3°10	25°28	7°19	5°37	6°38	16° 7	F 8
S 9	5 13 29	16°53'27	1♊43	2°39	19°38	16° 4	17°40	10°37	9°16	3°11	25°27	7°16	5°34	6°45	16°10	S 9
S 10	5 17 26	17°53'42	15° 0	4°12	20°54	16°30	17°44	10°33	9°19	3°12	25°26	7°12	5°31	6°52	16°13	S 10
M11	5 21 22	18°53'59	28° 3	5°46	22° 9	16°55	17°49	10°29	9°22	3°13	25°25	7° 6	5°28	6°58	16°16	M11
T 12	5 25 19	19°54'17	10♋51	7°20	23°24	17°21	17°53	10°24	9°26	3°14	25°24	6°58	5°24	7° 5	16°20	T 12
W13	5 29 15	20°54'37	23°24	8°55	24°39	17°45	17°57	10°20	9°29	3°15	25°23	6°50	5°21	7°12	16°23	W13
T 14	5 33 12	21°54'59	5♌43	10°30	25°54	18°10	18° 1	10°15	9°32	3°16	25°23	6°42	5°18	7°19	16°27	T 14
F 15	5 37 8	22°55'22	17°49	12° 5	27°10	18°34	18° 5	10°11	9°35	3°17	25°22	6°35	5°15	7°25	16°30	F 15
S 16	5 41 5	23°55'47	29°46	13°40	28°25	18°58	18° 9	10° 6	9°38	3°18	25°21	6°30	5°12	7°32	16°34	S 16
S 17	5 45 2	24°56'13	11♍37	15°15	29°40	19°21	18°12	10° 2	9°41	3°19	25°20	6°26	5° 8	7°39	16°38	S 17
M18	5 48 58	25°56'42	23°28	16°50	0♎55	19°45	18°15	9°57	9°44	3°20	25°19	6°D25	5° 5	7°45	16°41	M18
T 19	5 52 55	26°57'12	5♎23	18°25	2°11	20° 7	18°18	9°52	9°47	3°21	25°18	6°26	5° 2	7°52	16°45	T 19
W20	5 56 51	27°57'44	17°27	20° 0	3°26	20°30	18°21	9°48	9°49	3°22	25°16	6°27	4°59	7°59	16°49	W20
T 21	6 0 48	28°58'17	29°46	21°35	4°41	20°52	18°24	9°43	9°52	3°24	25°15	6°28	4°56	8° 5	16°53	T 21
F 22	6 4 44	29°58'52	12♏23	23° 9	5°57	21°13	18°27	9°38	9°55	3°25	25°14	6°R28	4°53	8°12	16°56	F 22
S 23	6 8 41	0♎59'29	25°24	24°44	7°12	21°35	18°29	9°33	9°58	3°26	25°13	6°26	4°49	8°19	17° 0	S 23
S 24	6 12 37	2° 0'07	8♐49	26°19	8°27	21°56	18°31	9°28	10° 0	3°27	25°12	6°22	4°46	8°26	17° 4	S 24
M25	6 16 34	3° 0'47	22°38	27°53	9°42	22°16	18°33	9°24	10° 3	3°29	25°11	6°15	4°43	8°32	17° 8	M25
T 26	6 20 31	4° 1'28	6♎49	29°28	10°58	22°36	18°35	9°19	10° 6	3°30	25°10	6° 6	4°40	8°39	17°12	T 26
W27	6 24 27	5° 2'10	21°16	1♎ 2	12°13	22°56	18°36	9°14	10° 8	3°31	25° 9	5°57	4°37	8°46	17°16	W27
T 28	6 28 24	6° 2'54	5♒52	2°37	13°28	23°15	18°38	9° 9	10°11	3°33	25° 8	5°47	4°34	8°52	17°21	T 28
F 29	6 32 20	7° 3'38	20°31	4°11	14°44	23°34	18°39	9° 4	10°13	3°34	25° 7	5°38	4°30	8°59	17°25	F 29
S 30	6 36 17	8° 4'23	5♓ 5	5°45	15°59	23°52	18°40	8°59	10°16	3°36	25° 6	5°32	4°27	9° 6	17°29	S 30
S 31	6 40 13	9♎ 5'09	19♓29	7♎19	17♎14	24♍10	18♍41	8♋54	10♏18	3♓37	25♋ 4	5♏28	4♏24	9♍12	17♒33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s35	12 s31	5n12	15 s45	2n10	21 s11	0n31	8n39	1n59	5n48	0n45	21n25	1 s21	13 s48	0n33	10 s25	0 s 8	15n24	5 s31	13 s50	13 s24	5n 7	9 s18	6n58
S 2	21 44	8 34	4 59	16 8	2 7	21 24	0 29	8 30	2 0	5 46	0 45	21 25	1 21	13 49	0 33	10 24	0 8	15 25	5 31	13 49	13 23	5 5	9 18	6 58
S 3	21 52	4 8	4 27	16 32	2 3	21 36	0 26	8 20	2 1	5 44	0 46	21 26	1 21	13 50	0 33	10 24	0 8	15 25	5 31	13 49	13 22	5 3	9 17	6 57
M 4	22 1	0n30	3 39	16 57	1 59	21 48	0 24	8 11	2 3	5 42	0 46	21 26	1 21	13 51	0 33	10 24	0 8	15 25	5 31	13 49	13 21	5 1	9 17	6 57
T 5	22 8	5 6	2 39	17 22	1 54	21 59	0 22	8 2	2 4	5 40	0 46	21 26	1 21	13 52	0 33	10 24	0 8	15 25	5 31	13 49	13 20	4 59	9 17	6 56
W 6	22 16	9 24	1 29	17 47	1 49	22 10	0 20	7 53	2 6	5 39	0 46	21 27	1 21	13 53	0 33	10 23	0 8	15 25	5 31	13 50	13 19	4 57	9 16	6 56
T 7	22 23	13 10	0 15	18 12	1 43	22 19	0 17	7 44	2 7	5 37	0 47	21 27	1 21	13 54	0 33	10 23	0 8	15 25	5 31	13 50	13 18	4 55	9 16	6 55
F 8	22 29	16 9	0 s59	18 36	1 37	22 29	0 15	7 35	2 8	5 35	0 47	21 27	1 21	13 55	0 33	10 23	0 8	15 25	5 31	13 50	13 17	4 53	9 15	6 55
S 9	22 35	18 13	2 9	19 1	1 31	22 37	0 12	7 27	2 10	5 33	0 47	21 28	1 21	13 56	0 33	10 23	0 8	15 25	5 31	13 49	13 16	4 51	9 15	6 54
S 10	22 41	19 14	3 10	19 24	1 25	22 45	0 10	7 18	2 11	5 32	0 47	21 28	1 21	13 57	0 33	10 22	0 8	15 25	5 32	13 48	13 14	4 49	9 14	6 54
M11	22 46	19 13	4 0	19 48	1 18	22 52	0 8	7 10	2 13	5 30	0 47	21 28	1 21	13 58	0 33	10 22	0 8	15 26	5 32	13 45	13 13	4 47	9 14	6 53
T 12	22 51	18 11	4 37	20 10	1 11	22 58	0 5	7 1	2 14	5 29	0 48	21 29	1 21	13 59	0 33	10 22	0 8	15 26	5 32	13 43	13 12	4 45	9 13	6 53
W13	22 55	16 17	5 0	20 32	1 4	23 4	0 3	6 53	2 16	5 27	0 48	21 29	1 21	14 0	0 33	10 21	0 8	15 26	5 32	13 40	13 11	4 43	9 13	6 52
T 14	22 59	13 41	5 8	20 53	0 57	23 9	0 0	6 45	2 17	5 26	0 48	21 30	1 21	14 1	0 33	10 21	0 8	15 26	5 32	13 38	13 10	4 41	9 12	6 52
F 15	23 2	10 33	5 2	21 12	0 50	23 14	0 s 2	6 37	2 19	5 25	0 48	21 30	1 21	14 2	0 33	10 21	0 8	15 26	5 32	13 36	13 9	4 39	9 11	6 52
S 16	23 5	7 1	4 43	21 31	0 43	23 17	0 4	6 29	2 20	5 24	0 49	21 30	1 21	14 3	0 33	10 20	0 8	15 26	5 32	13 34	13 8	4 37	9 11	6 51
S 17	23 8	3 15	4 12	21 49	0 36	23 20	0 7	6 21	2 22	5 22	0 49	21 31	1 20	14 4	0 33	10 20	0 8	15 26	5 32	13 33	13 7	4 35	9 10	6 51
M18	23 10	0 s39	3 31	22 6	0 29	23 22	0 9	6 14	2 24	5 21	0 49	21 31	1 20	14 5	0 33	10 19	0 8	15 27	5 32	13 32	13 6	4 33	9 9	6 50
T 19	23 11	4 34	2 39	22 22	0 21	23 24	0 12	6 6	2 25	5 20	0 49	21 32	1 20	14 6	0 33	10 19	0 8	15 27	5 32	13 32	13 5	4 31	9 9	6 50
W20	23 13	8 20	1 41	22 37	0 14	23 25	0 14	5 59	2 27	5 20	0 50	21 32	1 20	14 6	0 33	10 19	0 8	15 27	5 32	13 33	13 4	4 29	9 8	6 50
T 21	23 13	11 51	0 36	22 50	0 7	23 25	0 16	5 52	2 28	5 19	0 50	21 32	1 20	14 7	0 33	10 18	0 8	15 27	5 32	13 33	13 3	4 27	9 7	6 49
F 22	23 13	14 55	0n32	23 3	0 0	23 24	0 19	5 45	2 30	5 18	0 50	21 33	1 20	14 8	0 33	10 18	0 8	15 27	5 32	13 33	13 2	4 25	9 7	6 49
S 23	23 13	17 19	1 40	23 14	0 s 7	23 23	0 21	5 38	2 32	5 17	0 50	21 33	1 20	14 9	0 33	10 17	0 8	15 28	5 32	13 33	13 1	4 23	9 6	6 48
S 24	23 13	18 52	2 44	23 24	0 14	23 21	0 24	5 31	2 33	5 17	0 50	21 34	1 20	14 10	0 33	10 17	0 8	15 28	5 32	13 31	13 0	4 21	9 5	6 48
M25	23 11	19 21	3 41	23 33	0 20	23 18	0 26	5 25	2 35	5 16	0 51	21 34	1 20	14 11	0 33	10 16	0 8	15 28	5 32	13 29	12 59	4 19	9 4	6 48
T 26	23 10	18 38	4 26	23 41	0 27	23 15	0 28	5 19	2 37	5 16	0 51	21 34	1 20	14 11	0 33	10 16	0 8	15 28	5 32	13 26	12 58	4 17	9 3	6 47
W27	23 8	16 43	4 54	23 47	0 34	23 11	0 30	5 12	2 38	5 15	0 51	21 35	1 20	14 12	0 33	10 15	0 8	15 28	5 32	13 23	12 57	4 15	9 3	6 47
T 28	23 5	13 43	5 4	23 52	0 40	23 6	0 33	5 6	2 40	5 15	0 51	21 35	1 20	14 13	0 33	10 15	0 8	15 28	5 32	13 20	12 56	4 13	9 2	6 47
F 29	23 2	9 52	4 54	23 56	0 46	23 0	0 35	5 1	2 42	5 15	0 52	21 36	1 20	14 14	0 33	10 14	0 8	15 29	5 32	13 17	12 54	4 11	9 1	6 46
S 30	22 59	5 27	4 25	23 59	0 53	22 54	0 37	4 55	2 43	5 15	0 52	21 36	1 20	14 14	0 33	10 14	0 8	15 29	5 32	13 15	12 53	4 9	9 0	6 46
S 31	22 s55	0 s46	3n39	24 s 0	0 s59	22 s47	0 s40	4n50	2n45	5n14	0n52	21n36	1 s19	14 s15	0n33	10 s13	0 s 8	15n29	5 s32	13 s14	12 s52	4n 7	8 s59	6n46

Julian Day Number = 3054894.5, Delta T = 02h28m30s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'54, Lahiri = 47°00'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3652
geocentric

JANUARY 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 44 10	10♉ 5'56	3♈40	8♉53	18♉30	24♍27	18♍41	8°R49	10♏20	3♓39	25°R 3	5°R26	4♏21	9♍19	17♒38	M 1
T 2	6 48 6	11° 6'43	17°36	10°27	19°45	24°44	18°42	8♋44	10°23	3°40	25♋ 2	5°D26	4°18	9°26	17°42	T 2
W 3	6 52 3	12° 7'32	1♉18	12° 2	21° 0	25° 1	18°42	8°40	10°25	3°42	25° 1	5°R26	4°14	9°33	17°46	W 3
T 4	6 56 0	13° 8'21	14°47	13°36	22°16	25°17	18°R42	8°35	10°27	3°43	25° 0	5♏26	4°11	9°39	17°51	T 4
F 5	6 59 56	14° 9'10	28° 3	15°10	23°31	25°32	18°42	8°30	10°29	3°45	24°59	5°24	4° 8	9°46	17°55	F 5
S 6	7 3 53	15°10'01	11♊ 9	16°44	24°46	25°47	18°41	8°25	10°32	3°47	24°57	5°19	4° 5	9°53	17°59	S 6
S 7	7 7 49	16°10'52	24° 3	18°19	26° 2	26° 1	18°41	8°20	10°34	3°48	24°56	5°11	4° 2	9°59	18° 4	S 7
M 8	7 11 46	17°11'44	6♋47	19°53	27°17	26°15	18°40	8°15	10°36	3°50	24°55	5° 1	3°59	10° 6	18° 9	M 8
T 9	7 15 42	18°12'37	19°20	21°28	28°32	26°29	18°39	8°10	10°38	3°52	24°54	4°48	3°55	10°13	18°13	T 9
W10	7 19 39	19°13'30	1♌42	23° 2	29°48	26°41	18°38	8° 6	10°40	3°53	24°53	4°34	3°52	10°19	18°18	W10
T 11	7 23 35	20°14'25	13°53	24°37	1♒ 3	26°53	18°37	8° 1	10°42	3°55	24°52	4°20	3°49	10°26	18°22	T 11
F 12	7 27 32	21°15'20	25°55	26°12	2°18	27° 5	18°35	7°56	10°43	3°57	24°50	4° 8	3°46	10°33	18°27	F 12
S 13	7 31 29	22°16'16	7♍50	27°47	3°33	27°16	18°33	7°52	10°45	3°59	24°49	3°58	3°43	10°40	18°32	S 13
S 14	7 35 25	23°17'13	19°40	29°22	4°49	27°26	18°31	7°47	10°47	4° 1	24°48	3°51	3°40	10°46	18°36	S 14
M15	7 39 22	24°18'11	1♎28	0♒57	6° 4	27°36	18°29	7°42	10°49	4° 2	24°47	3°46	3°36	10°53	18°41	M15
T 16	7 43 18	25°19'09	13°20	2°33	7°19	27°45	18°27	7°38	10°50	4° 4	24°46	3°44	3°33	11° 0	18°46	T 16
W17	7 47 15	26°20'09	25°21	4° 8	8°35	27°54	18°24	7°33	10°52	4° 6	24°44	3°44	3°30	11° 6	18°51	W17
T 18	7 51 11	27°21'09	7♏36	5°44	9°50	28° 2	18°22	7°29	10°53	4° 8	24°43	3°44	3°27	11°13	18°55	T 18
F 19	7 55 8	28°22'10	20°11	7°20	11° 5	28° 9	18°19	7°24	10°55	4°10	24°42	3°43	3°24	11°20	19° 0	F 19
S 20	7 59 4	29°23'12	3♐10	8°56	12°21	28°15	18°16	7°20	10°56	4°12	24°41	3°40	3°20	11°26	19° 5	S 20
S 21	8 3 1	0♒24'14	16°37	10°32	13°36	28°21	18°12	7°16	10°58	4°14	24°40	3°35	3°17	11°33	19°10	S 21
M22	8 6 58	1°25'18	0♉33	12° 8	14°51	28°26	18° 9	7°11	10°59	4°16	24°38	3°27	3°14	11°40	19°15	M22
T 23	8 10 54	2°26'21	14°56	13°44	16° 7	28°31	18° 5	7° 7	11° 0	4°18	24°37	3°17	3°11	11°46	19°20	T 23
W24	8 14 51	3°27'25	29°42	15°20	17°22	28°34	18° 1	7° 3	11° 2	4°20	24°36	3° 5	3° 8	11°53	19°24	W24
T 25	8 18 47	4°28'30	14♒42	16°56	18°37	28°37	17°57	6°59	11° 3	4°22	24°35	2°53	3° 5	12° 0	19°29	T 25
F 26	8 22 44	5°29'34	29°47	18°31	19°52	28°40	17°53	6°55	11° 4	4°24	24°34	2°42	3° 1	12° 7	19°34	F 26
S 27	8 26 40	6°30'39	14♓46	20° 7	21° 8	28°41	17°49	6°51	11° 5	4°26	24°32	2°33	2°58	12°13	19°39	S 27
S 28	8 30 37	7°31'43	29°32	21°41	22°23	28°R42	17°44	6°47	11° 6	4°28	24°31	2°27	2°55	12°20	19°44	S 28
M29	8 34 34	8°32'48	13♈57	23°16	23°38	28°42	17°40	6°43	11° 7	4°30	24°30	2°24	2°52	12°27	19°49	M29
T 30	8 38 30	9°33'52	28° 1	24°49	24°54	28°41	17°35	6°40	11° 8	4°32	24°29	2°24	2°49	12°33	19°54	T 30
W31	8 42 27	10♒34'56	11♉43	26♒22	26♒ 9	28♍39	17♍30	6♋36	11♏ 9	4♓34	24♋28	2♏24	2♏45	12♍40	19♒59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s51	3n54	2n41	24s 0	1s 5	22s39	0s42	4n44	2n47	5n14	0n52	21n37	1s19	14s16	0n33	10s13	0s 8	15n29	5s32	13s13	12s51	4n 5	8s58	6n45
T 2	22 46	8 18	1 34	23 59	1 10	22 31	0 44	4 39	2 49	5 15	0 53	21 37	1 19	14 17	0 33	10 12	0 8	15 30	5 32	13 13	12 50	4 3	8 57	6 45
W 3	22 41	12 10	0 22	23 57	1 16	22 22	0 46	4 35	2 50	5 15	0 53	21 38	1 19	14 17	0 33	10 12	0 8	15 30	5 32	13 13	12 49	4 1	8 56	6 45
T 4	22 35	15 20	0s49	23 53	1 21	22 12	0 48	4 30	2 52	5 15	0 53	21 38	1 19	14 18	0 33	10 11	0 9	15 30	5 32	13 13	12 48	3 59	8 55	6 44
F 5	22 29	17 39	1 57	23 48	1 26	22 1	0 50	4 26	2 54	5 15	0 53	21 38	1 19	14 19	0 33	10 11	0 9	15 30	5 32	13 12	12 47	3 57	8 54	6 44
S 6	22 22	18 59	2 57	23 42	1 31	21 50	0 52	4 21	2 56	5 16	0 54	21 39	1 19	14 19	0 33	10 10	0 9	15 30	5 32	13 11	12 46	3 55	8 53	6 44
S 7	22 15	19 18	3 48	23 34	1 36	21 39	0 54	4 17	2 58	5 16	0 54	21 39	1 19	14 20	0 33	10 9	0 9	15 31	5 32	13 8	12 45	3 53	8 52	6 43
M 8	22 8	18 38	4 26	23 25	1 40	21 26	0 56	4 14	3 0	5 17	0 54	21 40	1 19	14 20	0 33	10 9	0 9	15 31	5 31	13 5	12 44	3 51	8 51	6 43
T 9	22 0	17 4	4 50	23 15	1 44	21 13	0 58	4 10	3 1	5 17	0 54	21 40	1 19	14 21	0 33	10 8	0 9	15 31	5 31	13 0	12 43	3 49	8 50	6 43
W10	21 52	14 43	5 0	23 4	1 48	21 0	1 0	4 7	3 3	5 18	0 55	21 41	1 18	14 22	0 33	10 8	0 9	15 31	5 31	12 56	12 42	3 47	8 49	6 43
T 11	21 43	11 46	4 57	22 51	1 52	20 45	1 2	4 4	3 5	5 19	0 55	21 41	1 18	14 22	0 33	10 7	0 9	15 32	5 31	12 51	12 41	3 45	8 48	6 42
F 12	21 34	8 22	4 40	22 37	1 56	20 30	1 4	4 1	3 7	5 19	0 55	21 41	1 18	14 23	0 33	10 6	0 9	15 32	5 31	12 47	12 40	3 43	8 46	6 42
S 13	21 24	4 40	4 10	22 22	1 59	20 15	1 6	3 58	3 9	5 20	0 55	21 42	1 18	14 23	0 33	10 6	0 9	15 32	5 31	12 44	12 39	3 41	8 45	6 42
S 14	21 14	0 49	3 31	22 5	2 2	19 59	1 7	3 56	3 11	5 21	0 56	21 42	1 18	14 24	0 33	10 5	0 9	15 32	5 31	12 41	12 37	3 39	8 44	6 42
M15	21 4	3s 4	2 42	21 47	2 4	19 42	1 9	3 54	3 13	5 22	0 56	21 43	1 18	14 24	0 33	10 4	0 9	15 33	5 31	12 40	12 36	3 37	8 43	6 41
T 16	20 53	6 51	1 46	21 28	2 6	19 25	1 11	3 52	3 15	5 23	0 56	21 43	1 18	14 25	0 33	10 4	0 9	15 33	5 31	12 39	12 35	3 35	8 42	6 41
W17	20 42	10 24	0 44	21 8	2 8	19 7	1 12	3 50	3 17	5 25	0 56	21 43	1 17	14 25	0 33	10 3	0 9	15 33	5 31	12 39	12 34	3 33	8 40	6 41
T 18	20 30	13 36	0n21	20 46	2 10	18 49	1 14	3 49	3 19	5 26	0 57	21 44	1 17	14 26	0 33	10 2	0 9	15 33	5 31	12 39	12 33	3 31	8 39	6 41
F 19	20 18	16 15	1 26	20 23	2 11	18 30	1 15	3 48	3 21	5 27	0 57	21 44	1 17	14 26	0 33	10 2	0 9	15 34	5 31	12 39	12 32	3 29	8 38	6 41
S 20	20 6	18 10	2 29	19 59	2 12	18 10	1 17	3 47	3 23	5 29	0 57	21 44	1 17	14 27	0 34	10 1	0 9	15 34	5 31	12 38	12 31	3 27	8 37	6 40
S 21	19 53	19 9	3 26	19 33	2 12	17 50	1 18	3 47	3 25	5 30	0 57	21 45	1 17	14 27	0 34	10 0	0 9	15 34	5 31	12 36	12 30	3 25	8 35	6 40
M22	19 40	19 1	4 13	19 7	2 12	17 30	1 19	3 47	3 26	5 32	0 57	21 45	1 17	14 27	0 34	10 0	0 9	15 34	5 31	12 33	12 29	3 23	8 34	6 40
T 23	19 26	17 40	4 45	18 39	2 11	17 9	1 21	3 47	3 28	5 33	0 58	21 46	1 17	14 28	0 34	9 59	0 9	15 35	5 31	12 30	12 28	3 21	8 33	6 40
W24	19 12	15 9	5 0	18 10	2 10	16 48	1 22	3 47	3 30	5 35	0 58	21 46	1 16	14 28	0 34	9 58	0 9	15 35	5 31	12 26	12 27	3 19	8 32	6 40
T 25	18 58	11 35	4 54	17 40	2 9	16 26	1 23	3 48	3 32	5 37	0 58	21 46	1 16	14 28	0 34	9 57	0 9	15 35	5 31	12 22	12 26	3 17	8 30	6 40
F 26	18 44	7 16	4 28	17 9	2 6	16 3	1 24	3 49	3 34	5 39	0 58	21 47	1 16	14 29	0 34	9 57	0 9	15 36	5 30	12 18	12 25	3 15	8 29	6 39
S 27	18 29	2 30	3 43	16 37	2 4	15 41	1 25	3 50	3 36	5 41	0 59	21 47	1 16	14 29	0 34	9 56	0 9	15 36	5 30	12 15	12 24	3 13	8 28	6 39
S 28	18 13	2n20	2 44	16 3	2 1	15 17	1 26	3 51	3 38	5 42	0 59	21 47	1 16	14 29	0 34	9 55	0 9	15 36	5 30	12 13	12 22	3 11	8 26	6 39
M29	17 58	6 56	1 36	15 29	1 57	14 54	1 27	3 53	3 40	5 45	0 59	21 48	1 16	14 30	0 34	9 55	0 9	15 36	5 30	12 12	12 21	3 9	8 25	6 39
T 30	17 42	11 2	0 23	14 54	1 52	14 29	1 28	3 55	3 42	5 47	0 59	21 48	1 15	14 30	0 34	9 54	0 9	15 37	5 30	12 12	12 20	3 7	8 23	6 39
W31	17s26	14n26	0s49	14s18	1s47	14s 5	1s29	3n58	3n44	5n49	0n59	21n49	1s15	14s30	0n34	9s53	0s 9	15n37	5s30	12s12	12s19	3n 5	8s22	6n39

Julian Day Number = 3054925.5, Delta T = 02h28m31s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°53'58, Lahiri = 47°00'59

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

FEBRUARY 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 23	11♒36'00	25♉ 5	27♒53	27♒24	28°R37	17°R24	6°R33	11♏ 9	4♓36	24°R27	2°R23	2♏42	12♍47	20♒ 4	T 1
F 2	8 50 20	12°37'04	8♊ 9	29°23	28°39	28♍33	17♍19	6♋29	11°10	4°39	24♋26	2♏21	2°39	12°53	20° 9	F 2
S 3	8 54 16	13°38'07	20°58	0♓51	29°54	28°29	17°14	6°26	11°11	4°41	24°24	2°16	2°36	13° 0	20°14	S 3
S 4	8 58 13	14°39'10	3♋35	2°17	1♓10	28°24	17° 8	6°22	11°11	4°43	24°23	2° 8	2°33	13° 7	20°19	S 4
M 5	9 2 9	15°40'13	16° 1	3°40	2°25	28°19	17° 2	6°19	11°12	4°45	24°22	1°57	2°30	13°13	20°24	M 5
T 6	9 6 6	16°41'15	28°19	5° 0	3°40	28°12	16°56	6°16	11°12	4°47	24°21	1°44	2°26	13°20	20°29	T 6
W 7	9 10 3	17°42'17	10♌28	6°17	4°55	28° 5	16°50	6°13	11°13	4°49	24°20	1°30	2°23	13°27	20°34	W 7
T 8	9 13 59	18°43'19	22°30	7°29	6°10	27°57	16°44	6°10	11°13	4°52	24°19	1°16	2°20	13°34	20°39	T 8
F 9	9 17 56	19°44'20	4♍26	8°36	7°25	27°48	16°38	6° 7	11°14	4°54	24°18	1° 3	2°17	13°40	20°44	F 9
S 10	9 21 52	20°45'22	16°18	9°37	8°41	27°39	16°31	6° 4	11°14	4°56	24°17	0°53	2°14	13°47	20°49	S 10
S 11	9 25 49	21°46'23	28° 7	10°32	9°56	27°28	16°25	6° 2	11°14	4°58	24°16	0°45	2°11	13°54	20°54	S 11
M12	9 29 45	22°47'23	9♎55	11°19	11°11	27°17	16°18	5°59	11°14	5° 0	24°15	0°40	2° 7	14° 0	20°59	M12
T 13	9 33 42	23°48'24	21°47	11°57	12°26	27° 5	16°11	5°57	11°14	5° 3	24°14	0°38	2° 4	14° 7	21° 4	T 13
W14	9 37 38	24°49'24	3♏47	12°27	13°41	26°52	16° 4	5°54	11°R14	5° 5	24°13	0°D38	2° 1	14°14	21° 9	W14
T 15	9 41 35	25°50'25	16° 0	12°46	14°56	26°38	15°57	5°52	11°14	5° 7	24°12	0°38	1°58	14°20	21°14	T 15
F 16	9 45 31	26°51'25	28°30	12°R55	16°11	26°24	15°50	5°50	11°14	5° 9	24°11	0°R39	1°55	14°27	21°19	F 16
S 17	9 49 28	27°52'25	11♐22	12°52	17°26	26° 9	15°43	5°48	11°14	5°12	24°10	0°38	1°51	14°34	21°25	S 17
S 18	9 53 25	28°53'24	24°42	12°38	18°41	25°53	15°35	5°46	11°14	5°14	24° 9	0°35	1°48	14°40	21°29	S 18
M19	9 57 21	29°54'24	8♑32	12°12	19°56	25°36	15°28	5°44	11°14	5°16	24° 8	0°29	1°45	14°47	21°34	M19
T 20	10 1 18	0♓55'23	22°52	11°35	21°11	25°19	15°21	5°42	11°13	5°19	24° 7	0°22	1°42	14°54	21°39	T 20
W21	10 5 14	1°56'21	7♒39	10°48	22°26	25° 1	15°13	5°40	11°13	5°21	24° 6	0°13	1°39	15° 0	21°44	W21
T 22	10 9 11	2°57'19	22°46	9°51	23°41	24°42	15° 5	5°39	11°13	5°23	24° 5	0° 3	1°36	15° 7	21°49	T 22
F 23	10 13 7	3°58'16	8♓ 2	8°47	24°56	24°23	14°58	5°37	11°12	5°25	24° 4	29♎55	1°32	15°14	21°54	F 23
S 24	10 17 4	4°59'12	23°18	7°37	26°10	24° 3	14°50	5°36	11°12	5°28	24° 3	29°48	1°29	15°21	21°59	S 24
S 25	10 21 0	6° 0'07	8♈23	6°24	27°25	23°43	14°42	5°35	11°11	5°30	24° 2	29°44	1°26	15°27	22° 4	S 25
M26	10 24 57	7° 1'01	23° 7	5° 9	28°40	23°22	14°34	5°34	11°11	5°32	24° 2	29°D42	1°23	15°34	22° 9	M26
T 27	10 28 54	8° 1'55	7♉27	3°55	29°55	23° 0	14°26	5°33	11°10	5°34	24° 1	29°42	1°20	15°41	22°14	T 27
W28	10 32 50	9° 2'47	21°21	2°44	1♈10	22°39	14°18	5°32	11° 9	5°37	24° 0	29°43	1°17	15°47	22°19	W28
T 29	10 36 47	10♓ 3'37	4♊48	1♓37	2♈24	22♍16	14♍11	5♋31	11♏ 8	5♓39	23♋59	29°R44	1♏13	15♍54	22♒24	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	16n58	1s57	13s41	1s41	13s40	1s30	4n 1	3n46	5n51	1n 0	21n49	1s15	14s30	0n34	9s52	0s 9	15n37	5s30	12s12	12s18	3n 3	8s21	6n39
F 2	16 52	18 33	2 57	13 4	1 35	13 15	1 30	4 4	3 48	5 53	1 0	21 49	1 15	14 31	0 34	9 51	0 9	15 37	5 30	12 11	12 17	3 1	8 19	6 39
S 3	16 35	19 9	3 47	12 26	1 27	12 49	1 31	4 7	3 50	5 56	1 0	21 50	1 15	14 31	0 34	9 51	0 9	15 38	5 30	12 9	12 16	2 59	8 18	6 38
S 4	16 17	18 46	4 25	11 48	1 19	12 23	1 31	4 11	3 52	5 58	1 0	21 50	1 15	14 31	0 34	9 50	0 9	15 38	5 30	12 6	12 15	2 57	8 16	6 38
M 5	16 0	17 29	4 49	11 9	1 10	11 57	1 32	4 14	3 54	6 0	1 0	21 50	1 14	14 31	0 34	9 49	0 9	15 38	5 30	12 3	12 14	2 55	8 15	6 38
T 6	15 42	15 25	5 0	10 31	1 0	11 30	1 32	4 19	3 55	6 3	1 1	21 51	1 14	14 31	0 34	9 48	0 9	15 39	5 30	11 58	12 13	2 53	8 13	6 38
W 7	15 23	12 41	4 57	9 53	0 49	11 4	1 33	4 23	3 57	6 5	1 1	21 51	1 14	14 31	0 34	9 48	0 9	15 39	5 29	11 53	12 12	2 51	8 12	6 38
T 8	15 5	9 27	4 41	9 16	0 37	10 36	1 33	4 28	3 59	6 8	1 1	21 51	1 14	14 31	0 34	9 47	0 9	15 39	5 29	11 49	12 11	2 49	8 10	6 38
F 9	14 46	5 53	4 12	8 39	0 24	10 9	1 33	4 33	4 1	6 11	1 1	21 52	1 14	14 31	0 34	9 46	0 9	15 39	5 29	11 44	12 9	2 47	8 9	6 38
S 10	14 27	2 5	3 32	8 4	0 11	9 41	1 33	4 38	4 2	6 13	1 1	21 52	1 13	14 31	0 34	9 45	0 9	15 40	5 29	11 41	12 8	2 45	8 7	6 38
S 11	14 7	1s46	2 44	7 30	0n 4	9 13	1 33	4 44	4 4	6 16	1 2	21 52	1 13	14 32	0 34	9 44	0 9	15 40	5 29	11 38	12 7	2 43	8 6	6 38
M12	13 48	5 33	1 48	6 58	0 19	8 45	1 33	4 50	4 6	6 19	1 2	21 53	1 13	14 32	0 34	9 44	0 9	15 40	5 29	11 36	12 6	2 41	8 4	6 38
T 13	13 28	9 9	0 47	6 29	0 35	8 16	1 33	4 56	4 7	6 21	1 2	21 53	1 13	14 32	0 34	9 43	0 9	15 41	5 29	11 36	12 5	2 39	8 3	6 38
W14	13 8	12 24	0n17	6 2	0 52	7 48	1 33	5 3	4 9	6 24	1 2	21 53	1 13	14 32	0 34	9 42	0 9	15 41	5 29	11 35	12 4	2 37	8 1	6 38
T 15	12 48	15 11	1 21	5 39	1 9	7 19	1 33	5 9	4 10	6 27	1 2	21 53	1 12	14 32	0 34	9 41	0 9	15 41	5 29	11 36	12 3	2 36	8 0	6 38
F 16	12 27	17 19	2 23	5 19	1 26	6 50	1 32	5 16	4 11	6 30	1 2	21 54	1 12	14 31	0 34	9 40	0 9	15 41	5 28	11 36	12 2	2 34	7 58	6 38
S 17	12 6	18 39	3 20	5 4	1 44	6 20	1 32	5 23	4 13	6 33	1 3	21 54	1 12	14 31	0 34	9 40	0 9	15 42	5 28	11 35	12 1	2 32	7 57	6 38
S 18	11 45	19 0	4 8	4 53	2 2	5 51	1 32	5 31	4 14	6 36	1 3	21 54	1 12	14 31	0 34	9 39	0 9	15 42	5 28	11 34	12 0	2 30	7 55	6 38
M19	11 24	18 15	4 43	4 47	2 18	5 21	1 31	5 39	4 15	6 39	1 3	21 55	1 12	14 31	0 34	9 38	0 9	15 42	5 28	11 32	11 59	2 28	7 53	6 38
T 20	11 3	16 20	5 2	4 46	2 34	4 51	1 31	5 46	4 16	6 42	1 3	21 55	1 11	14 31	0 34	9 37	0 9	15 43	5 28	11 30	11 58	2 26	7 52	6 38
W21	10 41	13 19	5 2	4 50	2 49	4 21	1 30	5 54	4 17	6 45	1 3	21 55	1 11	14 31	0 34	9 36	0 9	15 43	5 28	11 27	11 56	2 24	7 50	6 38
T 22	10 20	9 22	4 42	4 59	3 2	3 51	1 29	6 3	4 18	6 48	1 3	21 55	1 11	14 31	0 34	9 35	0 9	15 43	5 28	11 23	11 55	2 22	7 49	6 38
F 23	9 58	4 45	4 1	5 12	3 14	3 21	1 28	6 11	4 19	6 51	1 4	21 56	1 11	14 31	0 34	9 35	0 9	15 43	5 28	11 20	11 54	2 20	7 47	6 38
S 24	9 36	0n10	3 2	5 29	3 23	2 51	1 28	6 20	4 20	6 54	1 4	21 56	1 11	14 31	0 34	9 34	0 9	15 44	5 27	11 18	11 53	2 18	7 46	6 38
S 25	9 14	5 1	1 52	5 50	3 30	2 21	1 27	6 28	4 21	6 57	1 4	21 56	1 10	14 30	0 34	9 33	0 9	15 44	5 27	11 17	11 52	2 16	7 44	6 38
M26	8 51	9 27	0 35	6 13	3 34	1 50	1 26	6 37	4 21	7 0	1 4	21 56	1 10	14 30	0 34	9 32	0 9	15 44	5 27	11 16	11 51	2 14	7 42	6 38
T 27	8 29	13 13	0s42	6 38	3 35	1 20	1 25	6 46	4 22	7 3	1 4	21 57	1 10	14 30	0 34	9 31	0 9	15 45	5 27	11 16	11 50	2 12	7 41	6 38
W28	8 6	16 6	1 54	7 4	3 35	0 49	1 23	6 55	4 22	7 7	1 4	21 57	1 10	14 30	0 34	9 31	0 9	15 45	5 27	11 16	11 49	2 10	7 39	6 39
T 29	7s44	18n 0	2s58	7s30	3n32	0s19	1s22	7n 4	4n23	7n10	1n 4	21n57	1s10	14s29	0n34	9s30	0s 9	15n45	5s27	11s17	11s48	2n 8	7s38	6n39

Julian Day Number = 3054956.5, Delta T = 02h28m32s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'03, Lahiri = 47°01'03

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

MARCH 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 40 43	11♓ 4'27	17♊53	0°R36	3♈39	21°R54	14°R 3	5°R30	11°R 8	5♓41	23°R58	29°R44	1♏10	16♍ 1	22♒29	F 1
S 2	10 44 40	12° 5'15	0♋37	29♒42	4°54	21♍31	13♍55	5♋30	11♏ 7	5°44	23♋58	29♎42	1° 7	16° 7	22°33	S 2
S 3	10 48 36	13° 6'02	13° 6	28°56	6° 9	21° 8	13°47	5°29	11° 6	5°46	23°57	29°38	1° 4	16°14	22°38	S 3
M 4	10 52 33	14° 6'48	25°22	28°18	7°23	20°44	13°39	5°29	11° 5	5°48	23°56	29°32	1° 1	16°21	22°43	M 4
T 5	10 56 29	15° 7'32	7♌28	27°48	8°38	20°21	13°31	5°29	11° 4	5°50	23°55	29°24	0°57	16°27	22°48	T 5
W 6	11 0 26	16° 8'15	19°28	27°27	9°52	19°57	13°23	5°29	11° 3	5°53	23°55	29°15	0°54	16°34	22°52	W 6
T 7	11 4 23	17° 8'57	1♍22	27°13	11° 7	19°33	13°15	5°D29	11° 1	5°55	23°54	29° 7	0°51	16°41	22°57	T 7
F 8	11 8 19	18° 9'38	13°13	27°D 8	12°21	19° 9	13° 7	5°29	11° 0	5°57	23°53	28°59	0°48	16°47	23° 2	F 8
S 9	11 12 16	19°10'17	25° 3	27°10	13°36	18°45	12°59	5°29	10°59	5°59	23°53	28°53	0°45	16°54	23° 6	S 9
S 10	11 16 12	20°10'55	6♎54	27°18	14°50	18°21	12°51	5°29	10°58	6° 2	23°52	28°48	0°42	17° 1	23°11	S 10
M11	11 20 9	21°11'32	18°46	27°33	16° 4	17°57	12°43	5°30	10°56	6° 4	23°52	28°46	0°38	17° 7	23°16	M11
T 12	11 24 5	22°12'07	0♏43	27°55	17°19	17°34	12°36	5°30	10°55	6° 6	23°51	28°D45	0°35	17°14	23°20	T 12
W13	11 28 2	23°12'42	12°48	28°21	18°33	17°10	12°28	5°31	10°54	6° 8	23°50	28°46	0°32	17°21	23°25	W13
T 14	11 31 58	24°13'15	25° 5	28°53	19°47	16°47	12°20	5°32	10°52	6°10	23°50	28°48	0°29	17°27	23°29	T 14
F 15	11 35 55	25°13'47	7♐36	29°30	21° 2	16°24	12°13	5°33	10°51	6°13	23°49	28°50	0°26	17°34	23°34	F 15
S 16	11 39 52	26°14'19	20°27	0♓11	22°16	16° 1	12° 5	5°34	10°49	6°15	23°49	28°R51	0°23	17°41	23°38	S 16
S 17	11 43 48	27°14'49	3♑40	0°56	23°30	15°38	11°57	5°35	10°47	6°17	23°49	28°51	0°19	17°48	23°42	S 17
M18	11 47 45	28°15'18	17°20	1°45	24°44	15°16	11°50	5°36	10°46	6°19	23°48	28°49	0°16	17°54	23°47	M18
T 19	11 51 41	29°15'46	1♒26	2°37	25°58	14°54	11°43	5°37	10°44	6°21	23°48	28°46	0°13	18° 1	23°51	T 19
W20	11 55 38	0♈16'12	15°59	3°32	27°12	14°33	11°35	5°39	10°42	6°23	23°47	28°43	0°10	18° 8	23°55	W20
T 21	11 59 34	1°16'37	0♓53	4°30	28°26	14°12	11°28	5°40	10°41	6°25	23°47	28°39	0° 7	18°14	24° 0	T 21
F 22	12 3 31	2°17'01	16° 2	5°31	29°40	13°52	11°21	5°42	10°39	6°28	23°47	28°35	0° 3	18°21	24° 4	F 22
S 23	12 7 27	3°17'23	1♈16	6°35	0♉54	13°32	11°14	5°44	10°37	6°30	23°46	28°32	0° 0	18°28	24° 8	S 23
S 24	12 11 24	4°17'44	16°25	7°41	2° 8	13°13	11° 7	5°46	10°35	6°32	23°46	28°30	29♎57	18°34	24°12	S 24
M25	12 15 20	5°18'03	1♉19	8°49	3°22	12°55	11° 1	5°48	10°33	6°34	23°46	28°D30	29°54	18°41	24°16	M25
T 26	12 19 17	6°18'21	15°51	9°59	4°35	12°37	10°54	5°50	10°31	6°36	23°45	28°31	29°51	18°48	24°20	T 26
W27	12 23 14	7°18'36	29°58	11°11	5°49	12°20	10°48	5°52	10°29	6°38	23°45	28°32	29°48	18°54	24°24	W27
T 28	12 27 10	8°18'50	13♊37	12°25	7° 3	12° 3	10°41	5°54	10°27	6°40	23°45	28°33	29°44	19° 1	24°28	T 28
F 29	12 31 7	9°19'02	26°50	13°40	8°16	11°48	10°35	5°57	10°25	6°42	23°45	28°35	29°41	19° 8	24°32	F 29
S 30	12 35 3	10°19'12	9♋39	14°58	9°30	11°33	10°29	5°59	10°23	6°44	23°45	28°R35	29°38	19°14	24°36	S 30
S 31	12 39 0	11♈19'19	22♋ 8	16♓17	10♉44	11♍18	10♍23	6♋ 2	10♏21	6♓46	23♋44	28♎35	29♎35	19♍21	24♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s21	18n51	3s50	7s56	3n26	0n12	1s21	7n13	4n23	7n13	1n 4	21n57	1s 9	14s29	0n34	9s29	0s 9	15n45	5s27	11s17	11s47	2n 6	7s36	6n39
S 2	6 58	18 44	4 30	8 21	3 19	0 42	1 20	7 22	4 23	7 16	1 4	21 58	1 9	14 29	0 34	9 28	0 9	15 46	5 26	11 16	11 46	2 4	7 34	6 39
S 3	6 35	17 41	4 56	8 45	3 11	1 13	1 18	7 31	4 23	7 19	1 5	21 58	1 9	14 29	0 35	9 27	0 9	15 46	5 26	11 14	11 44	2 2	7 33	6 39
M 4	6 12	15 50	5 7	9 7	3 1	1 44	1 17	7 40	4 23	7 22	1 5	21 58	1 9	14 28	0 35	9 26	0 9	15 46	5 26	11 12	11 43	2 0	7 31	6 39
T 5	5 49	13 19	5 5	9 28	2 50	2 14	1 15	7 49	4 23	7 25	1 5	21 58	1 9	14 28	0 35	9 26	0 9	15 46	5 26	11 10	11 42	1 58	7 29	6 39
W 6	5 25	10 16	4 50	9 46	2 39	2 45	1 14	7 59	4 23	7 28	1 5	21 59	1 8	14 28	0 35	9 25	0 9	15 47	5 26	11 7	11 41	1 56	7 28	6 39
T 7	5 2	6 49	4 21	10 2	2 27	3 15	1 12	8 7	4 22	7 32	1 5	21 59	1 8	14 27	0 35	9 24	0 9	15 47	5 26	11 4	11 40	1 54	7 26	6 40
F 8	4 38	3 7	3 42	10 15	2 14	3 46	1 10	8 16	4 22	7 35	1 5	21 59	1 8	14 27	0 35	9 23	0 9	15 47	5 25	11 1	11 39	1 52	7 25	6 40
S 9	4 15	0s42	2 53	10 27	2 1	4 16	1 9	8 25	4 21	7 38	1 5	21 59	1 8	14 26	0 35	9 22	0 9	15 47	5 25	10 59	11 38	1 50	7 23	6 40
S 10	3 51	4 30	1 56	10 36	1 48	4 46	1 7	8 34	4 20	7 41	1 5	21 59	1 7	14 26	0 35	9 22	0 9	15 48	5 25	10 57	11 37	1 48	7 21	6 40
M11	3 28	8 8	0 54	10 43	1 35	5 16	1 5	8 42	4 20	7 44	1 5	22 0	1 7	14 26	0 35	9 21	0 9	15 48	5 25	10 56	11 36	1 46	7 20	6 40
T 12	3 4	11 27	0n11	10 48	1 23	5 46	1 3	8 51	4 19	7 47	1 5	22 0	1 7	14 25	0 35	9 20	0 9	15 48	5 25	10 56	11 35	1 44	7 18	6 40
W13	2 40	14 20	1 16	10 51	1 10	6 16	1 1	8 59	4 18	7 50	1 5	22 0	1 7	14 25	0 35	9 19	0 9	15 48	5 25	10 56	11 33	1 42	7 17	6 41
T 14	2 17	16 37	2 19	10 51	0 58	6 46	0 59	9 7	4 17	7 53	1 5	22 0	1 7	14 24	0 35	9 18	0 9	15 49	5 25	10 57	11 32	1 40	7 15	6 41
F 15	1 53	18 9	3 17	10 50	0 45	7 16	0 57	9 15	4 15	7 56	1 5	22 0	1 6	14 24	0 35	9 18	0 9	15 49	5 24	10 58	11 31	1 38	7 13	6 41
S 16	1 29	18 48	4 6	10 47	0 34	7 45	0 54	9 23	4 14	7 58	1 5	22 0	1 6	14 23	0 35	9 17	0 9	15 49	5 24	10 58	11 30	1 36	7 12	6 41
S 17	1 5	18 27	4 44	10 42	0 22	8 14	0 52	9 30	4 13	8 1	1 5	22 1	1 6	14 23	0 35	9 16	0 9	15 49	5 24	10 58	11 29	1 34	7 10	6 41
M18	0 41	17 2	5 7	10 35	0 11	8 43	0 50	9 37	4 11	8 4	1 5	22 1	1 6	14 22	0 35	9 15	0 9	15 50	5 24	10 58	11 28	1 32	7 9	6 42
T 19	0 17	14 34	5 13	10 27	0s 0	9 12	0 47	9 44	4 10	8 7	1 5	22 1	1 6	14 22	0 35	9 15	0 9	15 50	5 24	10 57	11 27	1 30	7 7	6 42
W20	0n 6	11 8	4 59	10 17	0 11	9 41	0 45	9 51	4 8	8 10	1 5	22 1	1 5	14 21	0 35	9 14	0 9	15 50	5 24	10 55	11 26	1 28	7 5	6 42
T 21	0 30	6 55	4 26	10 6	0 21	10 9	0 43	9 57	4 6	8 12	1 5	22 1	1 5	14 20	0 35	9 13	0 9	15 50	5 23	10 54	11 25	1 26	7 4	6 42
F 22	0 54	2 11	3 33	9 53	0 30	10 38	0 40	10 3	4 4	8 15	1 5	22 1	1 5	14 20	0 35	9 12	0 9	15 51	5 23	10 52	11 23	1 24	7 2	6 42
S 23	1 18	2n43	2 24	9 38	0 40	11 6	0 38	10 9	4 3	8 18	1 5	22 1	1 5	14 19	0 35	9 12	0 9	15 51	5 23	10 51	11 22	1 22	7 1	6 43
S 24	1 42	7 25	1 6	9 22	0 49	11 34	0 35	10 15	4 1	8 20	1 5	22 2	1 5	14 19	0 35	9 11	0 9	15 51	5 23	10 51	11 21	1 20	6 59	6 43
M25	2 5	11 35	0s16	9 5	0 57	12 1	0 32	10 20	3 59	8 23	1 5	22 2	1 4	14 18	0 35	9 10	0 9	15 51	5 23	10 51	11 20	1 18	6 57	6 43
T 26	2 29	14 56	1 34	8 46	1 5	12 28	0 30	10 25	3 57	8 25	1 5	22 2	1 4	14 18	0 35	9 9	0 9	15 51	5 23	10 51	11 19	1 17	6 56	6 44
W27	2 53	17 16	2 45	8 26	1 13	12 55	0 27	10 29	3 54	8 28	1 5	22 2	1 4	14 17	0 35	9 9	0 9	15 52	5 22	10 51	11 18	1 15	6 54	6 44
T 28	3 16	18 31	3 44	8 5	1 21	13 22	0 24	10 34	3 52	8 30	1 5	22 2	1 4	14 16	0 35	9 8	0 9	15 52	5 22	10 52	11 17	1 13	6 53	6 44
F 29	3 40	18 42	4 29	7 43	1 27	13 48	0 21	10 37	3 50	8 32	1 5	22 2	1 4	14 16	0 35	9 7	0 9	15 52	5 22	10 52	11 16	1 11	6 51	6 44
S 30	4 3	17 54	4 59	7 19	1 34	14 14	0 19	10 41	3 48	8 35	1 5	22 2	1 3	14 15	0 35	9 6	0 9	15 52	5 22	10 53	11 15	1 9	6 50	6 45
S 31	4n26	16n15	5s14	6s55	1s40	14n40	0s16	10n44	3n45	8n37	1n 5	22n 2	1s 3	14s14	0n35	9s 6	0s 9	15n52	5s22	10s52	11s14	1n 7	6s48	6n45

Julian Day Number = 3054985.5, Delta T = 02h28m33s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'07, Lahiri = 47°01'07

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

APRIL 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 42 56	12♈19'25	4♌22	17♓37	11♉57	11°R 5	10°R17	6♋ 5	10°R19	6♓48	23°R44	28°R33	29♎32	19♍28	24♒44	M 1
T 2	12 46 53	13°19'29	16°24	18°59	13°10	10♍52	10♍11	6° 7	10♏16	6°50	23♋44	28♎32	29°28	19°34	24°48	T 2
W 3	12 50 49	14°19'31	28°18	20°22	14°24	10°40	10° 6	6°10	10°14	6°52	23°44	28°30	29°25	19°41	24°51	W 3
T 4	12 54 46	15°19'30	10♍ 8	21°47	15°37	10°29	10° 1	6°13	10°12	6°53	23°44	28°27	29°22	19°48	24°55	T 4
F 5	12 58 43	16°19'28	21°58	23°13	16°50	10°18	9°55	6°17	10°10	6°55	23°44	28°25	29°19	19°54	24°58	F 5
S 6	13 2 39	17°19'24	3♎48	24°41	18° 3	10° 8	9°50	6°20	10° 7	6°57	23°D44	28°24	29°16	20° 1	25° 2	S 6
S 7	13 6 36	18°19'18	15°43	26° 9	19°17	9°59	9°45	6°23	10° 5	6°59	23°44	28°23	29°13	20° 8	25° 5	S 7
M 8	13 10 32	19°19'10	27°43	27°40	20°30	9°51	9°41	6°26	10° 3	7° 1	23°44	28°D23	29° 9	20°14	25° 9	M 8
T 9	13 14 29	20°19'00	9♏51	29°11	21°43	9°44	9°36	6°30	10° 0	7° 3	23°44	28°23	29° 6	20°21	25°12	T 9
W10	13 18 25	21°18'49	22° 9	0♈43	22°55	9°37	9°32	6°34	9°58	7° 4	23°44	28°24	29° 3	20°28	25°16	W10
T 11	13 22 22	22°18'36	4♐38	2°17	24° 8	9°32	9°27	6°37	9°56	7° 6	23°44	28°24	29° 0	20°34	25°19	T 11
F 12	13 26 18	23°18'21	17°20	3°52	25°21	9°26	9°23	6°41	9°53	7° 8	23°44	28°25	28°57	20°41	25°22	F 12
S 13	13 30 15	24°18'05	0♑18	5°29	26°34	9°22	9°19	6°45	9°51	7°10	23°45	28°25	28°54	20°48	25°25	S 13
S 14	13 34 11	25°17'47	13°34	7° 6	27°47	9°19	9°16	6°49	9°48	7°11	23°45	28°26	28°50	20°54	25°29	S 14
M15	13 38 8	26°17'27	27° 9	8°45	28°59	9°16	9°12	6°53	9°46	7°13	23°45	28°R26	28°47	21° 1	25°32	M15
T 16	13 42 5	27°17'06	11♒ 5	10°25	0♊12	9°14	9° 9	6°57	9°43	7°15	23°45	28°26	28°44	21° 8	25°35	T 16
W17	13 46 1	28°16'43	25°20	12° 7	1°24	9°13	9° 5	7° 1	9°41	7°16	23°45	28°D26	28°41	21°14	25°38	W17
T 18	13 49 58	29°16'19	9♓54	13°50	2°37	9°D12	9° 2	7° 6	9°38	7°18	23°46	28°26	28°38	21°21	25°40	T 18
F 19	13 53 54	0♉15'53	24°40	15°34	3°49	9°13	9° 0	7°10	9°36	7°19	23°46	28°26	28°34	21°28	25°43	F 19
S 20	13 57 51	1°15'25	9♈35	17°19	5° 1	9°14	8°57	7°15	9°33	7°21	23°46	28°26	28°31	21°34	25°46	S 20
S 21	14 1 47	2°14'55	24°29	19° 5	6°13	9°15	8°55	7°19	9°30	7°22	23°47	28°R26	28°28	21°41	25°49	S 21
M22	14 5 44	3°14'23	9♉15	20°53	7°26	9°18	8°52	7°24	9°28	7°24	23°47	28°26	28°25	21°48	25°51	M22
T 23	14 9 40	4°13'50	23°47	22°43	8°38	9°21	8°50	7°29	9°25	7°25	23°47	28°26	28°22	21°54	25°54	T 23
W24	14 13 37	5°13'14	7♊57	24°33	9°50	9°25	8°48	7°34	9°23	7°27	23°48	28°25	28°19	22° 1	25°57	W24
T 25	14 17 34	6°12'36	21°43	26°25	11° 2	9°29	8°47	7°39	9°20	7°28	23°48	28°24	28°15	22° 8	25°59	T 25
F 26	14 21 30	7°11'57	5♋ 3	28°19	12°13	9°34	8°45	7°44	9°18	7°29	23°49	28°23	28°12	22°15	26° 2	F 26
S 27	14 25 27	8°11'15	17°59	0♉13	13°25	9°40	8°44	7°49	9°15	7°31	23°49	28°22	28° 9	22°21	26° 4	S 27
S 28	14 29 23	9°10'30	0♌33	2° 9	14°37	9°46	8°43	7°54	9°12	7°32	23°50	28°22	28° 6	22°28	26° 6	S 28
M29	14 33 20	10° 9'44	12°49	4° 7	15°48	9°54	8°42	7°59	9°10	7°33	23°50	28°D21	28° 3	22°35	26° 8	M29
T 30	14 37 16	11♉ 8'55	24♌51	6♉ 6	17♊ 0	10♍ 1	8♍41	8♋ 4	9♏ 7	7♓35	23♋51	28♎22	28♎ 0	22♍41	26♒11	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n50	13n54	5s15	6s29	1s46	15n 5	0s13	10n47	3n43	8n39	1n 5	22n 2	1s 3	14s14	0n35	9s 5	0s 9	15n53	5s22	10s52	11s12	1n 5	6s47	6n45
T 2	5 13	10 59	5 1	6 2	1 51	15 30	0 10	10 50	3 41	8 41	1 5	22 2	1 3	14 13	0 35	9 4	0 9	15 53	5 21	10 51	11 11	1 3	6 45	6 46
W 3	5 36	7 39	4 35	5 34	1 56	15 54	0 7	10 52	3 38	8 43	1 5	22 2	1 3	14 12	0 35	9 4	0 9	15 53	5 21	10 51	11 10	1 1	6 44	6 46
T 4	5 59	4 2	3 57	5 5	2 1	16 18	0 4	10 54	3 36	8 45	1 5	22 2	1 2	14 11	0 35	9 3	0 9	15 53	5 21	10 50	11 9	0 59	6 42	6 46
F 5	6 22	0 16	3 8	4 35	2 5	16 42	0 1	10 56	3 34	8 47	1 5	22 3	1 2	14 11	0 35	9 2	0 9	15 53	5 21	10 49	11 8	0 57	6 41	6 47
S 6	6 45	3s31	2 12	4 4	2 8	17 5	0n 2	10 58	3 31	8 49	1 5	22 3	1 2	14 10	0 35	9 2	0 9	15 54	5 21	10 49	11 7	0 55	6 39	6 47
S 7	7 7	7 12	1 10	3 32	2 12	17 28	0 5	10 59	3 29	8 51	1 5	22 3	1 2	14 9	0 35	9 1	0 9	15 54	5 20	10 48	11 6	0 53	6 38	6 47
M 8	7 30	10 38	0 4	2 59	2 14	17 51	0 8	10 59	3 26	8 52	1 5	22 3	1 2	14 9	0 35	9 0	0 9	15 54	5 20	10 48	11 5	0 51	6 36	6 48
T 9	7 52	13 38	1n 3	2 25	2 17	18 13	0 11	11 0	3 24	8 54	1 5	22 3	1 1	14 8	0 35	9 0	0 9	15 54	5 20	10 48	11 3	0 49	6 35	6 48
W10	8 14	16 4	2 8	1 50	2 19	18 34	0 14	11 0	3 21	8 56	1 5	22 3	1 1	14 7	0 35	8 59	0 9	15 54	5 20	10 48	11 2	0 47	6 34	6 48
T 11	8 37	17 47	3 8	1 15	2 20	18 55	0 18	11 0	3 19	8 57	1 5	22 3	1 1	14 6	0 35	8 58	0 9	15 54	5 20	10 49	11 1	0 45	6 32	6 49
F 12	8 59	18 39	4 0	0 38	2 21	19 16	0 21	10 59	3 16	8 59	1 4	22 3	1 1	14 6	0 35	8 58	0 9	15 54	5 20	10 49	11 0	0 43	6 31	6 49
S 13	9 20	18 33	4 40	0 1	2 22	19 36	0 24	10 59	3 14	9 0	1 4	22 3	1 1	14 5	0 35	8 57	0 9	15 55	5 19	10 49	10 59	0 41	6 29	6 49
S 14	9 42	17 27	5 7	0n37	2 22	19 56	0 27	10 58	3 11	9 1	1 4	22 3	1 0	14 4	0 35	8 56	0 9	15 55	5 19	10 49	10 58	0 39	6 28	6 50
M15	10 4	15 21	5 18	1 16	2 22	20 15	0 30	10 56	3 8	9 3	1 4	22 3	1 0	14 3	0 35	8 56	0 9	15 55	5 19	10 49	10 57	0 37	6 27	6 50
T 16	10 25	12 19	5 10	1 55	2 21	20 33	0 33	10 55	3 6	9 4	1 4	22 3	1 0	14 2	0 35	8 55	0 10	15 55	5 19	10 49	10 56	0 35	6 25	6 50
W17	10 46	8 30	4 44	2 36	2 20	20 51	0 36	10 53	3 3	9 5	1 4	22 3	1 0	14 2	0 35	8 55	0 10	15 55	5 19	10 49	10 55	0 33	6 24	6 51
T 18	11 7	4 6	3 58	3 17	2 19	21 9	0 40	10 51	3 1	9 6	1 4	22 3	1 0	14 1	0 35	8 54	0 10	15 55	5 19	10 49	10 53	0 31	6 23	6 51
F 19	11 28	0n37	2 57	3 58	2 16	21 26	0 43	10 48	2 59	9 7	1 4	22 2	1 0	14 0	0 35	8 54	0 10	15 55	5 18	10 49	10 52	0 30	6 22	6 52
S 20	11 48	5 21	1 43	4 40	2 14	21 42	0 46	10 46	2 56	9 8	1 4	22 2	0 59	13 59	0 35	8 53	0 10	15 56	5 18	10 49	10 51	0 28	6 20	6 52
S 21	12 9	9 45	0 22	5 23	2 11	21 58	0 49	10 43	2 54	9 9	1 4	22 2	0 59	13 58	0 35	8 53	0 10	15 56	5 18	10 49	10 50	0 26	6 19	6 52
M22	12 29	13 30	1s 0	6 7	2 7	22 13	0 52	10 40	2 51	9 9	1 4	22 2	0 59	13 58	0 35	8 52	0 10	15 56	5 18	10 49	10 49	0 24	6 18	6 53
T 23	12 49	16 21	2 16	6 51	2 3	22 27	0 55	10 36	2 49	9 10	1 3	22 2	0 59	13 57	0 35	8 51	0 10	15 56	5 18	10 49	10 48	0 22	6 16	6 53
W24	13 9	18 6	3 22	7 35	1 59	22 41	0 59	10 33	2 46	9 11	1 3	22 2	0 59	13 56	0 35	8 51	0 10	15 56	5 18	10 49	10 47	0 20	6 15	6 54
T 25	13 28	18 44	4 15	8 20	1 54	22 55	1 2	10 29	2 44	9 11	1 3	22 2	0 59	13 55	0 35	8 50	0 10	15 56	5 17	10 49	10 46	0 18	6 14	6 54
F 26	13 48	18 16	4 51	9 5	1 48	23 8	1 5	10 24	2 42	9 12	1 3	22 2	0 58	13 54	0 35	8 50	0 10	15 56	5 17	10 48	10 44	0 16	6 13	6 54
S 27	14 7	16 52	5 12	9 51	1 42	23 20	1 8	10 20	2 39	9 12	1 3	22 2	0 58	13 54	0 35	8 49	0 10	15 56	5 17	10 48	10 43	0 14	6 12	6 55
S 28	14 25	14 41	5 17	10 37	1 36	23 31	1 11	10 16	2 37	9 12	1 3	22 2	0 58	13 53	0 35	8 49	0 10	15 56	5 17	10 48	10 42	0 12	6 11	6 55
M29	14 44	11 54	5 7	11 23	1 29	23 42	1 14	10 11	2 34	9 13	1 3	22 1	0 58	13 52	0 35	8 49	0 10	15 56	5 17	10 48	10 41	0 10	6 9	6 56
T 30	15n 2	8n39	4s44	12n 9	1s22	23n52	1n17	10n 6	2n32	9n13	1n 3	22n 1	0s58	13s51	0n35	8s48	0s10	15n56	5s17	10s48	10s40	0n 8	6s 8	6n56

Julian Day Number = 3055016.5, Delta T = 02h28m34s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'11, Lahiri = 47°01'11

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

MAY 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 41 13	12♉ 8'04	6♍45	8♉ 6	18♊11	10♍10	8°R40	8♋10	9°R 5	7♓36	23♋51	28♎23	27♎56	22♍48	26♒13	W 1
T 2	14 45 9	13° 7'11	18°34	10° 7	19°23	10°19	8♍40	8°15	9♏ 2	7°37	23°52	28°24	27°53	22°55	26°15	T 2
F 3	14 49 6	14° 6'15	0♎23	12° 9	20°34	10°28	8°D40	8°21	8°59	7°38	23°52	28°25	27°50	23° 1	26°17	F 3
S 4	14 53 3	15° 5'18	12°16	14°12	21°45	10°38	8°40	8°26	8°57	7°39	23°53	28°27	27°47	23° 8	26°19	S 4
S 5	14 56 59	16° 4'18	24°17	16°17	22°56	10°49	8°40	8°32	8°54	7°41	23°54	28°R27	27°44	23°15	26°20	S 5
M 6	15 0 56	17° 3'16	6♏27	18°22	24° 7	11° 0	8°40	8°38	8°52	7°42	23°54	28°27	27°40	23°21	26°22	M 6
T 7	15 4 52	18° 2'13	18°49	20°28	25°18	11°12	8°41	8°43	8°49	7°43	23°55	28°26	27°37	23°28	26°24	T 7
W 8	15 8 49	19° 1'07	1♐24	22°34	26°29	11°24	8°42	8°49	8°47	7°44	23°56	28°24	27°34	23°35	26°25	W 8
T 9	15 12 45	20° 0'00	14°13	24°40	27°39	11°37	8°43	8°55	8°44	7°45	23°56	28°21	27°31	23°41	26°27	T 9
F 10	15 16 42	20°58'51	27°15	26°47	28°50	11°50	8°44	9° 1	8°42	7°46	23°57	28°18	27°28	23°48	26°28	F 10
S 11	15 20 38	21°57'40	10♑31	28°53	0♋ 0	12° 4	8°45	9° 7	8°39	7°47	23°58	28°14	27°25	23°55	26°30	S 11
S 12	15 24 35	22°56'28	24° 1	0♊58	1°11	12°18	8°47	9°13	8°37	7°48	23°59	28°11	27°21	24° 1	26°31	S 12
M13	15 28 32	23°55'13	7♒43	3° 3	2°21	12°33	8°48	9°19	8°34	7°48	23°59	28° 9	27°18	24° 8	26°33	M13
T 14	15 32 28	24°53'58	21°37	5° 6	3°31	12°48	8°50	9°26	8°32	7°49	24° 0	28°D 8	27°15	24°15	26°34	T 14
W15	15 36 25	25°52'40	5♓43	7° 8	4°41	13° 3	8°52	9°32	8°29	7°50	24° 1	28° 8	27°12	24°21	26°35	W15
T 16	15 40 21	26°51'21	19°59	9° 8	5°51	13°19	8°54	9°38	8°27	7°51	24° 2	28°10	27° 9	24°28	26°36	T 16
F 17	15 44 18	27°50'01	4♈23	11° 6	7° 1	13°36	8°57	9°45	8°24	7°52	24° 3	28°11	27° 5	24°35	26°37	F 17
S 18	15 48 14	28°48'38	18°51	13° 1	8°11	13°53	8°59	9°51	8°22	7°52	24° 4	28°12	27° 2	24°41	26°38	S 18
S 19	15 52 11	29°47'15	3♉20	14°53	9°20	14°10	9° 2	9°58	8°20	7°53	24° 5	28°R12	26°59	24°48	26°39	S 19
M20	15 56 7	0♊45'49	17°44	16°43	10°30	14°28	9° 5	10° 4	8°17	7°54	24° 5	28°11	26°56	24°55	26°40	M20
T 21	16 0 4	1°44'22	1♊59	18°29	11°39	14°46	9° 8	10°11	8°15	7°54	24° 6	28° 8	26°53	25° 1	26°40	T 21
W22	16 4 1	2°42'53	15°58	20°11	12°48	15° 5	9°11	10°17	8°13	7°55	24° 7	28° 4	26°50	25° 8	26°41	W22
T 23	16 7 57	3°41'23	29°39	21°50	13°57	15°24	9°15	10°24	8°10	7°55	24° 8	27°58	26°46	25°15	26°42	T 23
F 24	16 11 54	4°39'50	12♋58	23°25	15° 6	15°43	9°18	10°31	8° 8	7°56	24° 9	27°52	26°43	25°21	26°42	F 24
S 25	16 15 50	5°38'16	25°55	24°56	16°15	16° 3	9°22	10°38	8° 6	7°56	24°10	27°46	26°40	25°28	26°43	S 25
S 26	16 19 47	6°36'39	8♌31	26°23	17°24	16°23	9°26	10°44	8° 4	7°57	24°11	27°42	26°37	25°35	26°43	S 26
M27	16 23 43	7°35'00	20°49	27°45	18°33	16°43	9°30	10°51	8° 2	7°57	24°12	27°39	26°34	25°41	26°43	M27
T 28	16 27 40	8°33'20	2♍53	29° 4	19°41	17° 4	9°35	10°58	7°59	7°58	24°13	27°37	26°31	25°48	26°43	T 28
W29	16 31 36	9°31'37	14°47	0♋18	20°49	17°25	9°39	11° 5	7°57	7°58	24°15	27°D37	26°27	25°55	26°44	W29
T 30	16 35 33	10°29'53	26°37	1°27	21°57	17°47	9°44	11°12	7°55	7°58	24°16	27°38	26°24	26° 1	26°44	T 30
F 31	16 39 30	11♊28'06	8♎27	2♋32	23♋ 5	18♍ 8	9♍49	11♋19	7♏53	7♓59	24♋17	27♎40	26♎21	26♍ 8	26°R44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n20	5n 6	4s 9	12n55	1s14	24n 2	1n20	10n 0	2n30	9n13	1n 3	22n 1	0s58	13s50	0n35	8s48	0s10	15n57	5s16	10s48	10s39	0n 6	6s 7	6n57
T 2	15 38	1 21	3 23	13 41	1 5	24 11	1 23	9 55	2 28	9 13	1 2	22 1	0 57	13 50	0 35	8 47	0 10	15 57	5 16	10 49	10 38	0 4	6 6	6 57
F 3	15 56	2s26	2 29	14 27	0 57	24 19	1 26	9 49	2 25	9 13	1 2	22 1	0 57	13 49	0 35	8 47	0 10	15 57	5 16	10 49	10 37	0 2	6 5	6 57
S 4	16 13	6 10	1 28	15 12	0 48	24 27	1 29	9 43	2 23	9 13	1 2	22 1	0 57	13 48	0 35	8 46	0 10	15 57	5 16	10 50	10 35	0 0	6 4	6 58
S 5	16 30	9 41	0 23	15 57	0 38	24 34	1 31	9 37	2 21	9 13	1 2	22 0	0 57	13 47	0 35	8 46	0 10	15 57	5 16	10 50	10 34	0s 2	6 3	6 58
M 6	16 47	12 51	0n44	16 41	0 28	24 40	1 34	9 31	2 19	9 12	1 2	22 0	0 57	13 46	0 35	8 46	0 10	15 57	5 16	10 50	10 33	0 3	6 2	6 59
T 7	17 3	15 30	1 50	17 25	0 18	24 45	1 37	9 25	2 17	9 12	1 2	22 0	0 57	13 46	0 35	8 45	0 10	15 57	5 15	10 49	10 32	0 5	6 1	6 59
W 8	17 19	17 27	2 52	18 7	0 8	24 50	1 40	9 18	2 15	9 12	1 2	22 0	0 56	13 45	0 35	8 45	0 10	15 57	5 15	10 49	10 31	0 7	6 0	7 0
T 9	17 35	18 33	3 46	18 49	0n 3	24 55	1 42	9 11	2 13	9 11	1 2	21 59	0 56	13 44	0 35	8 44	0 10	15 57	5 15	10 48	10 30	0 9	5 59	7 0
F 10	17 50	18 42	4 30	19 29	0 14	24 58	1 45	9 5	2 10	9 11	1 2	21 59	0 56	13 43	0 35	8 44	0 10	15 57	5 15	10 46	10 29	0 11	5 58	7 1
S 11	18 6	17 50	5 0	20 8	0 24	25 1	1 48	8 57	2 8	9 10	1 1	21 59	0 56	13 42	0 35	8 44	0 10	15 57	5 15	10 45	10 28	0 13	5 57	7 1
S 12	18 21	15 58	5 14	20 45	0 35	25 3	1 50	8 50	2 6	9 9	1 1	21 59	0 56	13 42	0 35	8 43	0 10	15 57	5 15	10 44	10 26	0 15	5 56	7 1
M13	18 35	13 10	5 10	21 20	0 46	25 5	1 53	8 43	2 4	9 9	1 1	21 58	0 56	13 41	0 35	8 43	0 10	15 57	5 14	10 43	10 25	0 17	5 56	7 2
T 14	18 49	9 37	4 48	21 53	0 57	25 6	1 55	8 35	2 2	9 8	1 1	21 58	0 56	13 40	0 35	8 43	0 10	15 57	5 14	10 43	10 24	0 19	5 55	7 2
W15	19 3	5 27	4 9	22 24	1 7	25 6	1 57	8 27	2 0	9 7	1 1	21 58	0 55	13 39	0 35	8 43	0 10	15 57	5 14	10 43	10 23	0 21	5 54	7 3
T 16	19 17	0 57	3 15	22 53	1 17	25 5	2 0	8 19	1 58	9 6	1 1	21 58	0 55	13 39	0 35	8 42	0 10	15 57	5 14	10 44	10 22	0 23	5 53	7 3
F 17	19 30	3n40	2 7	23 20	1 26	25 4	2 2	8 11	1 56	9 5	1 1	21 57	0 55	13 38	0 35	8 42	0 10	15 57	5 14	10 44	10 21	0 25	5 52	7 4
S 18	19 43	8 7	0 51	23 44	1 36	25 2	2 4	8 3	1 55	9 4	1 1	21 57	0 55	13 37	0 35	8 42	0 10	15 57	5 14	10 44	10 20	0 27	5 52	7 4
S 19	19 55	12 4	0s28	24 6	1 44	25 0	2 6	7 55	1 53	9 3	1 0	21 57	0 55	13 36	0 35	8 42	0 10	15 57	5 14	10 45	10 18	0 29	5 51	7 5
M20	20 8	15 17	1 45	24 26	1 52	24 57	2 8	7 46	1 51	9 2	1 0	21 56	0 55	13 36	0 35	8 41	0 10	15 57	5 13	10 44	10 17	0 31	5 50	7 5
T 21	20 19	17 32	2 54	24 43	1 59	24 53	2 10	7 37	1 49	9 0	1 0	21 56	0 55	13 35	0 35	8 41	0 10	15 57	5 13	10 43	10 16	0 32	5 50	7 6
W22	20 31	18 39	3 52	24 58	2 6	24 48	2 12	7 29	1 47	8 59	1 0	21 56	0 54	13 34	0 35	8 41	0 10	15 57	5 13	10 41	10 15	0 34	5 49	7 6
T 23	20 42	18 39	4 34	25 10	2 12	24 43	2 14	7 20	1 45	8 58	1 0	21 55	0 54	13 34	0 35	8 41	0 10	15 57	5 13	10 39	10 14	0 36	5 48	7 7
F 24	20 53	17 37	5 1	25 20	2 17	24 37	2 15	7 11	1 44	8 56	1 0	21 55	0 54	13 33	0 35	8 41	0 10	15 57	5 13	10 37	10 13	0 38	5 48	7 7
S 25	21 3	15 41	5 11	25 29	2 21	24 31	2 17	7 1	1 42	8 55	1 0	21 54	0 54	13 32	0 35	8 40	0 10	15 57	5 13	10 35	10 12	0 40	5 47	7 8
S 26	21 13	13 3	5 6	25 35	2 24	24 24	2 19	6 52	1 40	8 53	1 0	21 54	0 54	13 31	0 35	8 40	0 10	15 57	5 13	10 34	10 11	0 42	5 47	7 8
M27	21 23	9 54	4 46	25 39	2 26	24 16	2 20	6 43	1 38	8 51	1 0	21 54	0 54	13 31	0 35	8 40	0 10	15 57	5 12	10 33	10 9	0 44	5 46	7 8
T 28	21 32	6 23	4 14	25 41	2 28	24 8	2 21	6 33	1 37	8 50	0 59	21 53	0 54	13 30	0 34	8 40	0 10	15 57	5 12	10 32	10 8	0 46	5 45	7 9
W29	21 41	2 40	3 32	25 42	2 28	23 59	2 23	6 23	1 35	8 48	0 59	21 53	0 54	13 30	0 34	8 40	0 10	15 57	5 12	10 32	10 7	0 48	5 45	7 9
T 30	21 49	1s 8	2 41	25 40	2 28	23 49	2 24	6 13	1 33	8 46	0 59	21 52	0 53	13 29	0 34	8 40	0 10	15 57	5 12	10 32	10 6	0 50	5 45	7 10
F 31	21n57	4s54	1s42	25n38	2n26	23n39	2n25	6n 3	1n32	8n44	0n59	21n52	0s53	13s28	0n34	8s40	0s10	15n57	5s12	10s33	10s 5	0s52	5s44	7n10

Julian Day Number = 3055046.5, Delta T = 02h28m35s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'15, Lahiri = 47°01'15

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

JUNE 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 43 26	12♊26'18	20♎23	3♋32	24♋13	18♍30	9♍53	11♋26	7°R51	7♓59	24♋18	27♎41	26♎18	26♍15	26°R44	S 1
S 2	16 47 23	13°24'28	2♏28	4°28	25°21	18°53	9°59	11°34	7♏49	7°59	24°19	27°R41	26°15	26°21	26♒43	S 2
M 3	16 51 19	14°22'36	14°48	5°19	26°28	19°16	10° 4	11°41	7°47	7°59	24°20	27°39	26°11	26°28	26°43	M 3
T 4	16 55 16	15°20'42	27°23	6° 5	27°36	19°38	10° 9	11°48	7°45	7°59	24°21	27°36	26° 8	26°35	26°43	T 4
W 5	16 59 12	16°18'47	10♐16	6°46	28°43	20° 2	10°15	11°55	7°44	8° 0	24°22	27°30	26° 5	26°41	26°43	W 5
T 6	17 3 9	17°16'50	23°27	7°22	29°50	20°25	10°20	12° 2	7°42	8° 0	24°24	27°23	26° 2	26°48	26°42	T 6
F 7	17 7 5	18°14'52	6♑54	7°54	0♘57	20°49	10°26	12°10	7°40	8° 0	24°25	27°14	25°59	26°55	26°42	F 7
S 8	17 11 2	19°12'52	20°35	8°20	2° 3	21°13	10°32	12°17	7°38	8°R 0	24°26	27° 6	25°56	27° 1	26°41	S 8
S 9	17 14 59	20°10'51	4♒27	8°41	3°10	21°38	10°38	12°24	7°37	8° 0	24°27	26°58	25°52	27° 8	26°41	S 9
M10	17 18 55	21° 8'49	18°28	8°58	4°16	22° 2	10°45	12°32	7°35	8° 0	24°29	26°52	25°49	27°15	26°40	M10
T 11	17 22 52	22° 6'45	2♓33	9° 9	5°22	22°27	10°51	12°39	7°33	8° 0	24°30	26°48	25°46	27°21	26°39	T 11
W12	17 26 48	23° 4'40	16°41	9°15	6°28	22°52	10°58	12°47	7°32	8° 0	24°31	26°47	25°43	27°28	26°38	W12
T 13	17 30 45	24° 2'34	0♈50	9°R17	7°34	23°18	11° 4	12°54	7°30	7°59	24°32	26°D47	25°40	27°35	26°38	T 13
F 14	17 34 41	25° 0'27	14°58	9°14	8°39	23°43	11°11	13° 1	7°29	7°59	24°34	26°47	25°37	27°41	26°37	F 14
S 15	17 38 38	25°58'19	29° 5	9° 6	9°44	24° 9	11°18	13° 9	7°27	7°59	24°35	26°R48	25°33	27°48	26°36	S 15
S 16	17 42 34	26°56'10	13♉ 8	8°54	10°49	24°35	11°25	13°16	7°26	7°59	24°36	26°47	25°30	27°54	26°34	S 16
M17	17 46 31	27°54'00	27° 6	8°38	11°54	25° 2	11°33	13°24	7°25	7°59	24°37	26°43	25°27	28° 1	26°33	M17
T 18	17 50 28	28°51'49	10♊56	8°18	12°59	25°28	11°40	13°32	7°23	7°58	24°39	26°37	25°24	28° 8	26°32	T 18
W19	17 54 24	29°49'37	24°35	7°55	14° 3	25°55	11°48	13°39	7°22	7°58	24°40	26°29	25°21	28°14	26°31	W19
T 20	17 58 21	0♋47'23	7♋59	7°28	15° 7	26°22	11°55	13°47	7°21	7°58	24°41	26°19	25°17	28°21	26°30	T 20
F 21	18 2 17	1°45'08	21° 6	7° 0	16°11	26°49	12° 3	13°54	7°20	7°57	24°43	26° 8	25°14	28°28	26°28	F 21
S 22	18 6 14	2°42'52	3♌56	6°29	17°15	27°17	12°11	14° 2	7°18	7°57	24°44	25°57	25°11	28°34	26°27	S 22
S 23	18 10 10	3°40'34	16°28	5°56	18°18	27°44	12°19	14°10	7°17	7°56	24°46	25°47	25° 8	28°41	26°25	S 23
M24	18 14 7	4°38'15	28°44	5°23	19°21	28°12	12°27	14°17	7°16	7°56	24°47	25°40	25° 5	28°48	26°23	M24
T 25	18 18 3	5°35'55	10♍47	4°49	20°24	28°40	12°35	14°25	7°15	7°55	24°48	25°35	25° 2	28°54	26°22	T 25
W26	18 22 0	6°33'33	22°41	4°16	21°26	29° 8	12°44	14°33	7°14	7°55	24°50	25°32	24°58	29° 1	26°20	W26
T 27	18 25 57	7°31'10	4♎30	3°43	22°29	29°37	12°52	14°40	7°14	7°54	24°51	25°D31	24°55	29° 8	26°18	T 27
F 28	18 29 53	8°28'46	16°20	3°12	23°31	0♎ 5	13° 1	14°48	7°13	7°54	24°52	25°31	24°52	29°14	26°16	F 28
S 29	18 33 50	9°26'20	28°16	2°43	24°32	0°34	13° 9	14°56	7°12	7°53	24°54	25°R31	24°49	29°21	26°15	S 29
S 30	18 37 46	10♋23'53	10♏24	2♋16	25♘33	1♎ 3	13♍18	15♋ 4	7♏11	7♓52	24♋55	25♎30	24♎46	29♍28	26♒13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	8s30	0s40	25n34	2n23	23n28	2n26	5n53	1n30	8n42	0n59	21n51	0s53	13s28	0n34	8s40	0s10	15n57	5s12	10s33	10s 4	0s54	5s44	7n11
S 2	22 12	11 49	0n26	25 28	2 20	23 17	2 27	5 43	1 29	8 40	0 59	21 51	0 53	13 27	0 34	8 40	0 10	15 57	5 12	10 33	10 3	0 55	5 43	7 11
M 3	22 19	14 40	1 31	25 22	2 15	23 5	2 28	5 33	1 27	8 38	0 59	21 50	0 53	13 26	0 34	8 39	0 10	15 57	5 12	10 33	10 1	0 57	5 43	7 12
T 4	22 26	16 54	2 33	25 14	2 9	22 53	2 29	5 23	1 25	8 36	0 59	21 50	0 53	13 26	0 34	8 39	0 10	15 56	5 11	10 32	10 0	0 59	5 43	7 12
W 5	22 32	18 20	3 29	25 5	2 2	22 40	2 29	5 12	1 24	8 34	0 59	21 49	0 53	13 25	0 34	8 39	0 10	15 56	5 11	10 29	9 59	1 1	5 42	7 13
T 6	22 37	18 49	4 15	24 55	1 54	22 27	2 30	5 1	1 22	8 32	0 58	21 49	0 53	13 25	0 34	8 39	0 10	15 56	5 11	10 27	9 58	1 3	5 42	7 13
F 7	22 43	18 16	4 48	24 45	1 45	22 13	2 30	4 51	1 21	8 29	0 58	21 48	0 52	13 24	0 34	8 39	0 10	15 56	5 11	10 24	9 57	1 5	5 42	7 13
S 8	22 47	16 39	5 4	24 33	1 35	21 58	2 30	4 40	1 19	8 27	0 58	21 48	0 52	13 24	0 34	8 39	0 10	15 56	5 11	10 21	9 56	1 7	5 41	7 14
S 9	22 52	14 3	5 4	24 21	1 24	21 43	2 31	4 29	1 18	8 24	0 58	21 47	0 52	13 23	0 34	8 39	0 10	15 56	5 11	10 18	9 55	1 9	5 41	7 14
M10	22 56	10 38	4 45	24 8	1 12	21 27	2 31	4 18	1 16	8 22	0 58	21 47	0 52	13 23	0 34	8 39	0 10	15 56	5 11	10 16	9 53	1 11	5 41	7 15
T 11	23 0	6 35	4 9	23 54	0 59	21 11	2 31	4 7	1 15	8 19	0 58	21 46	0 52	13 22	0 34	8 39	0 10	15 56	5 11	10 15	9 52	1 13	5 41	7 15
W12	23 3	2 10	3 18	23 40	0 46	20 55	2 30	3 56	1 13	8 17	0 58	21 45	0 52	13 22	0 34	8 39	0 10	15 56	5 10	10 14	9 51	1 15	5 41	7 16
T 13	23 6	2n23	2 15	23 25	0 31	20 38	2 30	3 45	1 12	8 14	0 58	21 45	0 52	13 21	0 34	8 40	0 10	15 56	5 10	10 14	9 50	1 17	5 41	7 16
F 14	23 8	6 49	1 3	23 10	0 16	20 21	2 30	3 33	1 11	8 12	0 58	21 44	0 52	13 21	0 34	8 40	0 10	15 56	5 10	10 14	9 49	1 18	5 41	7 17
S 15	23 10	10 52	0s12	22 54	0s 1	20 3	2 29	3 22	1 9	8 9	0 57	21 44	0 52	13 20	0 34	8 40	0 10	15 55	5 10	10 14	9 48	1 20	5 40	7 17
S 16	23 11	14 16	1 26	22 38	0 17	19 45	2 28	3 10	1 8	8 6	0 57	21 43	0 51	13 20	0 34	8 40	0 10	15 55	5 10	10 14	9 47	1 22	5 40	7 17
M17	23 12	16 50	2 35	22 22	0 34	19 26	2 28	2 59	1 6	8 3	0 57	21 42	0 51	13 20	0 34	8 40	0 10	15 55	5 10	10 13	9 45	1 24	5 40	7 18
T 18	23 13	18 22	3 33	22 6	0 52	19 7	2 27	2 47	1 5	8 0	0 57	21 42	0 51	13 19	0 34	8 40	0 10	15 55	5 10	10 11	9 44	1 26	5 40	7 18
W19	23 13	18 49	4 18	21 50	1 10	18 47	2 26	2 35	1 4	7 57	0 57	21 41	0 51	13 19	0 34	8 40	0 10	15 55	5 10	10 8	9 43	1 28	5 40	7 19
T 20	23 13	18 12	4 48	21 34	1 28	18 28	2 25	2 23	1 2	7 54	0 57	21 40	0 51	13 18	0 34	8 40	0 11	15 55	5 10	10 4	9 42	1 30	5 40	7 19
F 21	23 13	16 37	5 2	21 17	1 45	18 7	2 23	2 11	1 1	7 51	0 57	21 40	0 51	13 18	0 34	8 40	0 11	15 55	5 10	10 0	9 41	1 32	5 41	7 19
S 22	23 12	14 14	5 0	21 2	2 3	17 47	2 22	1 59	1 0	7 48	0 57	21 39	0 51	13 18	0 34	8 41	0 11	15 55	5 9	9 56	9 40	1 34	5 41	7 20
S 23	23 10	11 14	4 44	20 46	2 20	17 26	2 20	1 47	0 59	7 45	0 57	21 38	0 51	13 17	0 34	8 41	0 11	15 54	5 9	9 53	9 38	1 36	5 41	7 20
M24	23 9	7 49	4 15	20 31	2 36	17 5	2 18	1 35	0 57	7 42	0 57	21 38	0 51	13 17	0 34	8 41	0 11	15 54	5 9	9 50	9 37	1 37	5 41	7 21
T 25	23 6	4 9	3 35	20 16	2 52	16 43	2 17	1 23	0 56	7 39	0 56	21 37	0 51	13 17	0 34	8 41	0 11	15 54	5 9	9 48	9 36	1 39	5 41	7 21
W26	23 4	0 21	2 45	20 3	3 7	16 21	2 15	1 11	0 55	7 36	0 56	21 36	0 51	13 17	0 34	8 41	0 11	15 54	5 9	9 47	9 35	1 41	5 41	7 21
T 27	23 1	3s27	1 49	19 50	3 21	15 59	2 12	0 58	0 54	7 32	0 56	21 35	0 50	13 16	0 34	8 42	0 11	15 54	5 9	9 47	9 34	1 43	5 42	7 22
F 28	22 57	7 7	0 49	19 38	3 33	15 37	2 10	0 46	0 52	7 29	0 56	21 35	0 50	13 16	0 34	8 42	0 11	15 54	5 9	9 47	9 33	1 45	5 42	7 22
S 29	22 54	10 32	0n15	19 27	3 45	15 14	2 8	0 33	0 51	7 26	0 56	21 34	0 50	13 16	0 33	8 42	0 11	15 53	5 9	9 47	9 32	1 47	5 42	7 22
S 30	22n49	13s34	1n18	19n17	3s55	14n51	2n 5	0n21	0n50	7n22	0n56	21n33	0s50	13s16	0n33	8s42	0s11	15n53	5s 9	9s47	9s30	1s49	5s42	7n23

Julian Day Number = 3055077.5, Delta T = 02h28m36s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'19, Lahiri = 47°01'20

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

JULY 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 41 43	11♋21'25	22♏49	1°R51	26♌34	1♎32	13♍27	15♋11	7°R11	7°R52	24♋57	25°R27	24♎43	29♍34	26°R11	M 1
T 2	18 45 39	12°18'56	5♐33	1♋30	27°35	2° 2	13°36	15°19	7♏10	7♓51	24°58	25♎22	24°39	29°41	26♒ 9	T 2
W 3	18 49 36	13°16'26	18°39	1°13	28°35	2°31	13°45	15°27	7° 9	7°50	25° 0	25°14	24°36	29°48	26° 6	W 3
T 4	18 53 33	14°13'55	2♑ 8	0°59	29°35	3° 1	13°54	15°34	7° 9	7°49	25° 1	25° 4	24°33	29°54	26° 4	T 4
F 5	18 57 29	15°11'23	15°58	0°50	0♍34	3°30	14° 4	15°42	7° 8	7°49	25° 2	24°53	24°30	0♎ 1	26° 2	F 5
S 6	19 1 26	16° 8'50	0♒ 5	0°44	1°33	4° 0	14°13	15°50	7° 8	7°48	25° 4	24°42	24°27	0° 8	26° 0	S 6
S 7	19 5 22	17° 6'16	14°24	0°D43	2°32	4°31	14°23	15°58	7° 7	7°47	25° 5	24°31	24°23	0°14	25°57	S 7
M 8	19 9 19	18° 3'42	28°49	0°47	3°30	5° 1	14°32	16° 5	7° 7	7°46	25° 7	24°23	24°20	0°21	25°55	M 8
T 9	19 13 15	19° 1'07	13♓14	0°55	4°28	5°31	14°42	16°13	7° 7	7°45	25° 8	24°17	24°17	0°28	25°53	T 9
W10	19 17 12	19°58'32	27°35	1° 8	5°25	6° 2	14°52	16°21	7° 7	7°44	25°10	24°14	24°14	0°34	25°50	W10
T 11	19 21 8	20°55'56	11♈49	1°25	6°22	6°33	15° 2	16°29	7° 7	7°43	25°11	24°13	24°11	0°41	25°48	T 11
F 12	19 25 5	21°53'20	25°54	1°47	7°19	7° 4	15°12	16°36	7° 6	7°42	25°13	24°13	24° 8	0°48	25°45	F 12
S 13	19 29 2	22°50'43	9♉49	2°13	8°15	7°35	15°22	16°44	7° 6	7°41	25°14	24°12	24° 4	0°54	25°43	S 13
S 14	19 32 58	23°48'07	23°35	2°44	9°10	8° 6	15°32	16°52	7°D 6	7°40	25°15	24°10	24° 1	1° 1	25°40	S 14
M15	19 36 55	24°45'30	7♊11	3°19	10° 5	8°37	15°42	16°59	7° 6	7°39	25°17	24° 6	23°58	1° 8	25°37	M15
T 16	19 40 51	25°42'53	20°37	3°59	10°59	9° 9	15°53	17° 7	7° 6	7°38	25°18	23°59	23°55	1°14	25°34	T 16
W17	19 44 48	26°40'15	3♋52	4°43	11°53	9°40	16° 3	17°15	7° 7	7°37	25°20	23°49	23°52	1°21	25°32	W17
T 18	19 48 44	27°37'37	16°55	5°31	12°47	10°12	16°14	17°22	7° 7	7°36	25°21	23°37	23°49	1°28	25°29	T 18
F 19	19 52 41	28°34'59	29°45	6°23	13°39	10°44	16°24	17°30	7° 7	7°35	25°23	23°24	23°45	1°34	25°26	F 19
S 20	19 56 37	29°32'20	12♌21	7°19	14°31	11°16	16°35	17°38	7° 7	7°33	25°24	23°11	23°42	1°41	25°23	S 20
S 21	20 0 34	0♌29'41	24°43	8°19	15°23	11°48	16°46	17°45	7° 8	7°32	25°26	23° 0	23°39	1°48	25°20	S 21
M22	20 4 31	1°27'01	6♍52	9°24	16°14	12°20	16°56	17°53	7° 8	7°31	25°27	22°51	23°36	1°54	25°17	M22
T 23	20 8 27	2°24'21	18°51	10°32	17° 4	12°53	17° 7	18° 1	7° 9	7°30	25°28	22°44	23°33	2° 1	25°14	T 23
W24	20 12 24	3°21'40	0♎42	11°44	17°53	13°25	17°18	18° 8	7° 9	7°28	25°30	22°40	23°29	2° 7	25°11	W24
T 25	20 16 20	4°18'59	12°30	13° 0	18°42	13°58	17°29	18°16	7°10	7°27	25°31	22°38	23°26	2°14	25° 8	T 25
F 26	20 20 17	5°16'17	24°19	14°19	19°30	14°31	17°40	18°23	7°10	7°26	25°33	22°D38	23°23	2°21	25° 5	F 26
S 27	20 24 13	6°13'35	6♏14	15°42	20°17	15° 4	17°52	18°31	7°11	7°25	25°34	22°R38	23°20	2°27	25° 2	S 27
S 28	20 28 10	7°10'52	18°22	17° 9	21° 3	15°37	18° 3	18°38	7°12	7°23	25°36	22°37	23°17	2°34	24°59	S 28
M29	20 32 6	8° 8'09	0♐46	18°40	21°49	16°10	18°14	18°46	7°13	7°22	25°37	22°35	23°14	2°41	24°56	M29
T 30	20 36 3	9° 5'26	13°33	20°14	22°33	16°43	18°26	18°53	7°13	7°21	25°39	22°31	23°10	2°47	24°52	T 30
W31	20 40 0	10♌ 2'42	26♐45	21♋52	23♍17	17♎17	18♍37	19♋ 1	7♏14	7♓19	25♋40	22♎25	23♎ 7	2♎54	24♒49	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n45	16s 3	2n20	19n 8	4s 4	14n28	2n 2	0n 8	0n49	7n19	0n56	21n32	0s50	13s15	0n33	8s43	0s11	15n53	5s 9	9s46	9s29	1s51	5s43	7n23
T 2	22 40	17 50	3 15	19 1	4 12	14 5	2 0	0s 4	0 48	7 15	0 56	21 32	0 50	13 15	0 33	8 43	0 11	15 53	5 9	9 44	9 28	1 53	5 43	7 23
W 3	22 34	18 43	4 3	18 55	4 18	13 41	1 56	0 17	0 46	7 12	0 56	21 31	0 50	13 15	0 33	8 43	0 11	15 53	5 8	9 41	9 27	1 54	5 44	7 24
T 4	22 28	18 35	4 38	18 50	4 23	13 17	1 53	0 30	0 45	7 8	0 56	21 30	0 50	13 15	0 33	8 44	0 11	15 53	5 8	9 37	9 26	1 56	5 44	7 24
F 5	22 22	17 21	4 57	18 46	4 27	12 53	1 50	0 42	0 44	7 4	0 56	21 29	0 50	13 15	0 33	8 44	0 11	15 52	5 8	9 33	9 25	1 58	5 44	7 24
S 6	22 15	15 4	5 0	18 44	4 29	12 29	1 46	0 55	0 43	7 1	0 56	21 28	0 50	13 15	0 33	8 44	0 11	15 52	5 8	9 29	9 23	2 0	5 45	7 25
S 7	22 8	11 50	4 43	18 43	4 30	12 5	1 43	1 8	0 42	6 57	0 56	21 28	0 50	13 15	0 33	8 45	0 11	15 52	5 8	9 25	9 22	2 2	5 45	7 25
M 8	22 1	7 53	4 9	18 43	4 30	11 40	1 39	1 21	0 41	6 53	0 55	21 27	0 50	13 15	0 33	8 45	0 11	15 52	5 8	9 22	9 21	2 4	5 46	7 25
T 9	21 53	3 28	3 19	18 45	4 29	11 15	1 35	1 34	0 40	6 49	0 55	21 26	0 49	13 15	0 33	8 45	0 11	15 52	5 8	9 20	9 20	2 6	5 46	7 26
W10	21 45	1n 8	2 16	18 47	4 26	10 51	1 31	1 47	0 38	6 46	0 55	21 25	0 49	13 15	0 33	8 46	0 11	15 52	5 8	9 19	9 19	2 8	5 47	7 26
T 11	21 37	5 38	1 5	18 50	4 23	10 26	1 26	2 0	0 37	6 42	0 55	21 24	0 49	13 15	0 33	8 46	0 11	15 51	5 8	9 18	9 18	2 10	5 47	7 26
F 12	21 28	9 47	0s 9	18 55	4 18	10 1	1 22	2 13	0 36	6 38	0 55	21 23	0 49	13 15	0 33	8 46	0 11	15 51	5 8	9 18	9 17	2 11	5 48	7 26
S 13	21 19	13 20	1 22	19 0	4 13	9 36	1 17	2 26	0 35	6 34	0 55	21 22	0 49	13 15	0 33	8 47	0 11	15 51	5 8	9 18	9 15	2 13	5 49	7 27
S 14	21 9	16 6	2 29	19 5	4 6	9 11	1 12	2 40	0 34	6 30	0 55	21 22	0 49	13 15	0 33	8 47	0 11	15 51	5 8	9 18	9 14	2 15	5 49	7 27
M15	20 59	17 55	3 26	19 12	3 59	8 45	1 7	2 53	0 33	6 26	0 55	21 21	0 49	13 15	0 33	8 48	0 11	15 51	5 8	9 16	9 13	2 17	5 50	7 27
T 16	20 49	18 43	4 12	19 19	3 51	8 20	1 2	3 6	0 32	6 22	0 55	21 20	0 49	13 15	0 33	8 48	0 11	15 50	5 8	9 13	9 12	2 19	5 50	7 27
W17	20 38	18 27	4 43	19 26	3 43	7 55	0 56	3 19	0 31	6 18	0 55	21 19	0 49	13 15	0 33	8 48	0 11	15 50	5 8	9 10	9 11	2 21	5 51	7 28
T 18	20 27	17 14	4 58	19 33	3 34	7 29	0 51	3 33	0 30	6 14	0 55	21 18	0 49	13 15	0 33	8 49	0 11	15 50	5 8	9 5	9 10	2 23	5 52	7 28
F 19	20 16	15 9	4 59	19 41	3 24	7 4	0 45	3 46	0 29	6 10	0 55	21 17	0 49	13 15	0 33	8 49	0 11	15 50	5 8	9 1	9 8	2 25	5 53	7 28
S 20	20 4	12 24	4 44	19 48	3 13	6 38	0 39	3 59	0 28	6 5	0 55	21 16	0 49	13 15	0 33	8 50	0 11	15 49	5 7	8 56	9 7	2 26	5 53	7 28
S 21	19 52	9 8	4 16	19 56	3 3	6 13	0 33	4 13	0 27	6 1	0 55	21 15	0 49	13 15	0 33	8 50	0 11	15 49	5 7	8 52	9 6	2 28	5 54	7 29
M22	19 39	5 33	3 37	20 3	2 51	5 48	0 27	4 26	0 26	5 57	0 55	21 14	0 49	13 15	0 33	8 51	0 11	15 49	5 7	8 48	9 5	2 30	5 55	7 29
T 23	19 27	1 47	2 49	20 9	2 40	5 22	0 20	4 39	0 25	5 53	0 54	21 13	0 49	13 16	0 33	8 51	0 11	15 49	5 7	8 46	9 4	2 32	5 56	7 29
W24	19 14	2s 1	1 54	20 16	2 28	4 57	0 13	4 53	0 24	5 48	0 54	21 12	0 48	13 16	0 33	8 52	0 11	15 49	5 7	8 44	9 3	2 34	5 57	7 29
T 25	19 0	5 43	0 54	20 21	2 15	4 32	0 6	5 6	0 23	5 44	0 54	21 12	0 48	13 16	0 33	8 52	0 11	15 48	5 7	8 44	9 1	2 36	5 57	7 29
F 26	18 47	9 12	0n 9	20 26	2 3	4 7	0s 1	5 20	0 22	5 40	0 54	21 11	0 48	13 16	0 32	8 53	0 11	15 48	5 7	8 44	9 0	2 38	5 58	7 29
S 27	18 33	12 21	1 12	20 29	1 50	3 42	0 8	5 33	0 21	5 35	0 54	21 10	0 48	13 17	0 32	8 53	0 11	15 48	5 7	8 44	8 59	2 39	5 59	7 29
S 28	18 19	15 1	2 12	20 32	1 37	3 17	0 16	5 47	0 20	5 31	0 54	21 9	0 48	13 17	0 32	8 54	0 11	15 48	5 7	8 43	8 58	2 41	6 0	7 30
M29	18 4	17 4	3 8	20 33	1 24	2 52	0 23	6 0	0 19	5 27	0 54	21 8	0 48	13 17	0 32	8 54	0 11	15 48	5 7	8 43	8 57	2 43	6 1	7 30
T 30	17 49	18 19	3 56	20 32	1 11	2 27	0 31	6 14	0 18	5 22	0 54	21 7	0 48	13 17	0 32	8 55	0 11	15 47	5 7	8 41	8 56	2 45	6 2	7 30
W31	17n34	18s38	4n33	20n30	0s58	2n 3	0s39	6s27	0n17	5n18	0n54	21n 6	0s48	13s18	0n32	8s55	0s11	15n47	5s 7	8s39	8s54	2s47	6s 3	7n30

Julian Day Number = 3055107.5, Delta T = 02h28m37s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'23, Lahiri = 47°01'24

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

AUGUST 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 43 56	10♌59'59	10♉24	23♋33	23♍59	17♎50	18♍49	19♋ 8	7♏15	7°R18	25♋41	22°R16	23♎ 4	3♎ 1	24°R46	T 1
F 2	20 47 53	11°57'15	24°28	25°17	24°41	18°24	19° 0	19°15	7°16	7♓16	25°43	22♎ 6	23° 1	3° 7	24♒43	F 2
S 3	20 51 49	12°54'31	8♒54	27° 5	25°21	18°58	19°12	19°23	7°17	7°15	25°44	21°55	22°58	3°14	24°40	S 3
S 4	20 55 46	13°51'46	23°35	28°55	26° 1	19°32	19°23	19°30	7°18	7°13	25°46	21°46	22°55	3°21	24°36	S 4
M 5	20 59 42	14°49'02	8♓24	0♌49	26°39	20° 5	19°35	19°37	7°20	7°12	25°47	21°38	22°51	3°27	24°33	M 5
T 6	21 3 39	15°46'19	23°13	2°45	27°16	20°40	19°47	19°45	7°21	7°10	25°48	21°33	22°48	3°34	24°30	T 6
W 7	21 7 35	16°43'35	7♈54	4°44	27°52	21°14	19°59	19°52	7°22	7° 9	25°50	21°30	22°45	3°41	24°26	W 7
T 8	21 11 32	17°40'52	22°22	6°45	28°27	21°48	20°11	19°59	7°23	7° 7	25°51	21°D30	22°42	3°47	24°23	T 8
F 9	21 15 29	18°38'09	6♉35	8°48	29° 1	22°22	20°23	20° 6	7°25	7° 6	25°52	21°30	22°39	3°54	24°20	F 9
S 10	21 19 25	19°35'27	20°30	10°52	29°33	22°57	20°35	20°13	7°26	7° 4	25°54	21°R31	22°35	4° 1	24°16	S 10
S 11	21 23 22	20°32'46	4♊ 9	12°58	0♎ 3	23°31	20°47	20°20	7°28	7° 3	25°55	21°30	22°32	4° 7	24°13	S 11
M12	21 27 18	21°30'05	17°32	15° 5	0°33	24° 6	20°59	20°27	7°29	7° 1	25°56	21°27	22°29	4°14	24°10	M12
T 13	21 31 15	22°27'25	0♋41	17°13	1° 0	24°41	21°11	20°34	7°31	7° 0	25°58	21°22	22°26	4°21	24° 6	T 13
W14	21 35 11	23°24'46	13°37	19°21	1°27	25°16	21°23	20°41	7°32	6°58	25°59	21°14	22°23	4°27	24° 3	W14
T 15	21 39 8	24°22'07	26°20	21°29	1°51	25°51	21°36	20°48	7°34	6°57	26° 0	21° 5	22°20	4°34	24° 0	T 15
F 16	21 43 4	25°19'28	8♌51	23°37	2°14	26°26	21°48	20°55	7°36	6°55	26° 2	20°55	22°16	4°41	23°56	F 16
S 17	21 47 1	26°16'50	21°11	25°45	2°35	27° 1	22° 0	21° 2	7°37	6°53	26° 3	20°45	22°13	4°47	23°53	S 17
S 18	21 50 58	27°14'12	3♍21	27°52	2°55	27°37	22°12	21° 9	7°39	6°52	26° 4	20°36	22°10	4°54	23°49	S 18
M19	21 54 54	28°11'35	15°22	29°59	3°13	28°12	22°25	21°15	7°41	6°50	26° 6	20°29	22° 7	5° 0	23°46	M19
T 20	21 58 51	29° 8'58	27°15	2♍ 4	3°28	28°47	22°37	21°22	7°43	6°49	26° 7	20°24	22° 4	5° 7	23°43	T 20
W21	22 2 47	0♍ 6'22	9♎ 3	4° 8	3°42	29°23	22°50	21°29	7°45	6°47	26° 8	20°21	22° 0	5°14	23°39	W21
T 22	22 6 44	1° 3'46	20°49	6°11	3°54	29°59	23° 2	21°35	7°47	6°45	26° 9	20°D21	21°57	5°20	23°36	T 22
F 23	22 10 40	2° 1'11	2♏37	8°12	4° 3	0♏35	23°15	21°42	7°49	6°44	26°11	20°21	21°54	5°27	23°33	F 23
S 24	22 14 37	2°58'36	14°32	10°12	4°11	1°10	23°27	21°48	7°51	6°42	26°12	20°23	21°51	5°34	23°30	S 24
S 25	22 18 33	3°56'02	26°39	12°11	4°16	1°46	23°40	21°55	7°53	6°40	26°13	20°24	21°48	5°40	23°26	S 25
M26	22 22 30	4°53'28	9♐ 2	14° 8	4°19	2°23	23°53	22° 1	7°55	6°39	26°14	20°R24	21°45	5°47	23°23	M26
T 27	22 26 27	5°50'54	21°47	16° 3	4°R20	2°59	24° 5	22° 8	7°57	6°37	26°15	20°22	21°41	5°54	23°20	T 27
W28	22 30 23	6°48'21	4♑57	17°57	4°18	3°35	24°18	22°14	7°59	6°36	26°16	20°19	21°38	6° 0	23°17	W28
T 29	22 34 20	7°45'49	18°35	19°50	4°14	4°11	24°31	22°20	8° 2	6°34	26°18	20°15	21°35	6° 7	23°13	T 29
F 30	22 38 16	8°43'17	2♒41	21°40	4° 8	4°48	24°44	22°26	8° 4	6°32	26°19	20° 9	21°32	6°14	23°10	F 30
S 31	22 42 13	9♍40'46	17♒13	23♍29	3♎59	5♏24	24♍56	22♋32	8♏ 6	6♓31	26♋20	20♎ 3	21♎29	6♎20	23♒ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n19	17s54	4n56	20n27	0s46	1n38	0s48	6s41	0n17	5n13	0n54	21n 5	0s48	13s18	0n32	8s56	0s11	15n47	5s 7	8s36	8s53	2s49	6s 4	7n30
F 2	17 3	16 4	5 2	20 21	0 33	1 14	0 56	6 54	0 16	5 9	0 54	21 4	0 48	13 18	0 32	8 56	0 11	15 47	5 7	8 32	8 52	2 51	6 5	7 30
S 3	16 47	13 12	4 50	20 13	0 20	0 50	1 5	7 8	0 15	5 4	0 54	21 3	0 48	13 19	0 32	8 57	0 11	15 46	5 7	8 28	8 51	2 52	6 6	7 30
S 4	16 31	9 28	4 18	20 3	0 8	0 26	1 14	7 22	0 14	5 0	0 54	21 2	0 48	13 19	0 32	8 57	0 11	15 46	5 7	8 24	8 50	2 54	6 7	7 30
M 5	16 15	5 7	3 28	19 51	0n 4	0 3	1 23	7 35	0 13	4 55	0 54	21 1	0 48	13 20	0 32	8 58	0 11	15 46	5 7	8 22	8 49	2 56	6 8	7 30
T 6	15 58	0 27	2 25	19 37	0 15	0s20	1 32	7 49	0 12	4 50	0 54	21 0	0 48	13 20	0 32	8 58	0 11	15 46	5 7	8 20	8 47	2 58	6 9	7 30
W 7	15 41	4n13	1 12	19 20	0 26	0 43	1 42	8 2	0 11	4 46	0 54	20 59	0 48	13 20	0 32	8 59	0 11	15 45	5 7	8 19	8 46	3 0	6 10	7 30
T 8	15 24	8 34	0s 5	19 1	0 36	1 6	1 52	8 16	0 10	4 41	0 54	20 58	0 48	13 21	0 32	8 59	0 11	15 45	5 7	8 19	8 45	3 2	6 11	7 30
F 9	15 6	12 20	1 20	18 39	0 46	1 28	2 2	8 29	0 9	4 36	0 54	20 57	0 48	13 21	0 32	9 0	0 11	15 45	5 7	8 19	8 44	3 4	6 12	7 30
S 10	14 49	15 20	2 29	18 14	0 55	1 50	2 12	8 43	0 9	4 32	0 54	20 56	0 48	13 22	0 32	9 1	0 11	15 45	5 7	8 19	8 43	3 5	6 13	7 30
S 11	14 31	17 23	3 27	17 48	1 4	2 12	2 22	8 56	0 8	4 27	0 54	20 55	0 48	13 22	0 32	9 1	0 11	15 44	5 7	8 18	8 42	3 7	6 14	7 30
M12	14 13	18 26	4 14	17 18	1 12	2 33	2 33	9 10	0 7	4 22	0 54	20 54	0 48	13 23	0 32	9 2	0 11	15 44	5 7	8 17	8 40	3 9	6 15	7 30
T 13	13 54	18 28	4 46	16 47	1 19	2 54	2 44	9 23	0 6	4 17	0 54	20 53	0 47	13 23	0 32	9 2	0 11	15 44	5 7	8 16	8 39	3 11	6 16	7 30
W14	13 36	17 31	5 2	16 14	1 25	3 15	2 55	9 36	0 5	4 13	0 54	20 52	0 47	13 24	0 32	9 3	0 11	15 44	5 7	8 13	8 38	3 13	6 17	7 30
T 15	13 17	15 43	5 4	15 38	1 30	3 34	3 6	9 50	0 4	4 8	0 54	20 51	0 47	13 25	0 32	9 4	0 11	15 44	5 7	8 9	8 37	3 15	6 18	7 30
F 16	12 58	13 12	4 51	15 1	1 35	3 54	3 17	10 3	0 4	4 3	0 54	20 50	0 47	13 25	0 32	9 4	0 11	15 43	5 7	8 6	8 36	3 17	6 19	7 30
S 17	12 39	10 8	4 24	14 22	1 38	4 13	3 28	10 17	0 3	3 58	0 54	20 49	0 47	13 26	0 32	9 5	0 11	15 43	5 7	8 2	8 35	3 18	6 21	7 30
S 18	12 19	6 41	3 45	13 41	1 41	4 31	3 40	10 30	0 2	3 53	0 54	20 48	0 47	13 26	0 32	9 5	0 11	15 43	5 7	7 59	8 33	3 20	6 22	7 30
M19	12 0	3 0	2 57	13 0	1 43	4 49	3 52	10 43	0 1	3 48	0 54	20 47	0 47	13 27	0 32	9 6	0 11	15 43	5 7	7 56	8 32	3 22	6 23	7 30
T 20	11 40	0s46	2 1	12 16	1 45	5 6	4 4	10 57	0 0	3 44	0 54	20 46	0 47	13 28	0 32	9 7	0 11	15 42	5 7	7 54	8 31	3 24	6 24	7 30
W21	11 20	4 29	1 1	11 32	1 45	5 23	4 16	11 10	0s 0	3 39	0 54	20 45	0 47	13 28	0 32	9 7	0 11	15 42	5 7	7 53	8 30	3 26	6 25	7 30
T 22	11 0	8 1	0n 3	10 48	1 45	5 38	4 28	11 23	0 1	3 34	0 54	20 44	0 47	13 29	0 32	9 8	0 11	15 42	5 7	7 53	8 29	3 28	6 26	7 30
F 23	10 40	11 14	1 6	10 2	1 44	5 53	4 40	11 36	0 2	3 29	0 54	20 43	0 47	13 30	0 31	9 8	0 11	15 42	5 7	7 53	8 28	3 29	6 28	7 29
S 24	10 19	14 2	2 7	9 16	1 43	6 8	4 53	11 49	0 3	3 24	0 54	20 42	0 47	13 30	0 31	9 9	0 11	15 41	5 7	7 53	8 26	3 31	6 29	7 29
S 25	9 59	16 15	3 4	8 29	1 41	6 21	5 5	12 2	0 4	3 19	0 54	20 41	0 47	13 31	0 31	9 10	0 11	15 41	5 7	7 54	8 25	3 33	6 30	7 29
M26	9 38	17 46	3 53	7 42	1 38	6 34	5 18	12 15	0 4	3 14	0 54	20 40	0 47	13 32	0 31	9 10	0 11	15 41	5 7	7 54	8 24	3 35	6 31	7 29
T 27	9 17	18 26	4 33	6 55	1 35	6 46	5 30	12 28	0 5	3 9	0 54	20 39	0 47	13 32	0 31	9 11	0 11	15 41	5 7	7 53	8 23	3 37	6 32	7 29
W28	8 56	18 9	4 59	6 7	1 31	6 56	5 42	12 41	0 6	3 4	0 54	20 38	0 47	13 33	0 31	9 11	0 11	15 40	5 7	7 52	8 22	3 39	6 34	7 29
T 29	8 35	16 50	5 10	5 20	1 27	7 6	5 55	12 54	0 7	2 59	0 54	20 37	0 47	13 34	0 31	9 12	0 11	15 40	5 7	7 51	8 20	3 40	6 35	7 28
F 30	8 14	14 28	5 3	4 32	1 22	7 15	6 7	13 7	0 7	2 54	0 54	20 36	0 47	13 35	0 31	9 13	0 11	15 40	5 7	7 48	8 19	3 42	6 36	7 28
S 31	7n52	11s 8	4n36	3n45	1n17	7s22	6s19	13s20	0s 8	2n49	0n54	20n35	0s47	13s35	0n31	9s13	0s11	15n40	5s 7	7s46	8s18	3s44	6s37	7n28

Julian Day Number = 3055138.5, Delta T = 02h28m37s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'28, Lahiri = 47°01'28

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

SEPTEMBER 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 46 9	10♍38'15	2♓ 5	25♍17	3°R48	6♏ 1	25♍ 9	22♋38	8♏ 9	6°R29	26♋21	19°R57	21♎26	6♎27	23°R 4	S 1
M 2	22 50 6	11°35'45	17°10	27° 2	3♎34	6°38	25°22	22°44	8°11	6♓27	26°22	19♎53	21°22	6°34	23♒ 1	M 2
T 3	22 54 2	12°33'17	2♈17	28°47	3°18	7°14	25°35	22°50	8°14	6°26	26°23	19°50	21°19	6°40	22°58	T 3
W 4	22 57 59	13°30'49	17°18	0♎29	3° 0	7°51	25°48	22°56	8°16	6°24	26°24	19°D49	21°16	6°47	22°55	W 4
T 5	23 1 55	14°28'23	2♉ 4	2°11	2°39	8°28	26° 1	23° 2	8°19	6°23	26°25	19°49	21°13	6°53	22°52	T 5
F 6	23 5 52	15°25'57	16°32	3°50	2°16	9° 5	26°14	23° 8	8°21	6°21	26°26	19°51	21°10	7° 0	22°49	F 6
S 7	23 9 49	16°23'34	0♊37	5°28	1°52	9°42	26°26	23°13	8°24	6°19	26°27	19°52	21° 6	7° 7	22°46	S 7
S 8	23 13 45	17°21'11	14°19	7° 5	1°25	10°20	26°39	23°19	8°27	6°18	26°28	19°R53	21° 3	7°13	22°43	S 8
M 9	23 17 42	18°18'50	27°40	8°40	0°56	10°57	26°52	23°25	8°29	6°16	26°29	19°52	21° 0	7°20	22°40	M 9
T 10	23 21 38	19°16'31	10♋41	10°13	0°26	11°34	27° 5	23°30	8°32	6°15	26°30	19°51	20°57	7°27	22°37	T 10
W11	23 25 35	20°14'12	23°24	11°46	29♍54	12°12	27°18	23°35	8°35	6°13	26°31	19°48	20°54	7°33	22°34	W11
T 12	23 29 31	21°11'56	5♌53	13°16	29°20	12°49	27°31	23°41	8°38	6°11	26°32	19°44	20°51	7°40	22°31	T 12
F 13	23 33 28	22° 9'40	18°10	14°45	28°46	13°27	27°44	23°46	8°41	6°10	26°33	19°39	20°47	7°47	22°29	F 13
S 14	23 37 24	23° 7'26	0♍17	16°13	28°10	14° 5	27°57	23°51	8°44	6° 8	26°34	19°35	20°44	7°53	22°26	S 14
S 15	23 41 21	24° 5'13	12°16	17°38	27°34	14°43	28°10	23°56	8°47	6° 7	26°35	19°30	20°41	8° 0	22°23	S 15
M16	23 45 18	25° 3'02	24° 9	19° 3	26°57	15°21	28°23	24° 1	8°49	6° 5	26°36	19°27	20°38	8° 7	22°21	M16
T 17	23 49 14	26° 0'52	5♎57	20°26	26°19	15°59	28°36	24° 6	8°52	6° 4	26°36	19°25	20°35	8°13	22°18	T 17
W18	23 53 11	26°58'43	17°44	21°47	25°42	16°37	28°49	24°11	8°55	6° 2	26°37	19°D25	20°32	8°20	22°15	W18
T 19	23 57 7	27°56'35	29°31	23° 6	25° 5	17°15	29° 2	24°16	8°59	6° 1	26°38	19°25	20°28	8°27	22°13	T 19
F 20	0 1 4	28°54'29	11♏22	24°24	24°28	17°53	29°15	24°21	9° 2	5°59	26°39	19°26	20°25	8°33	22°11	F 20
S 21	0 5 0	29°52'24	23°20	25°40	23°52	18°31	29°28	24°25	9° 5	5°58	26°40	19°28	20°22	8°40	22° 8	S 21
S 22	0 8 57	0♎50'20	5♐28	26°54	23°17	19°10	29°42	24°30	9° 8	5°56	26°40	19°29	20°19	8°46	22° 6	S 22
M23	0 12 53	1°48'17	17°51	28° 7	22°42	19°48	29°55	24°34	9°11	5°55	26°41	19°30	20°16	8°53	22° 4	M23
T 24	0 16 50	2°46'16	0♑34	29°17	22° 9	20°27	0♐ 8	24°39	9°14	5°54	26°42	19°R31	20°12	9° 0	22° 1	T 24
W25	0 20 47	3°44'15	13°39	0♏25	21°38	21° 5	0°21	24°43	9°18	5°52	26°42	19°31	20° 9	9° 6	21°59	W25
T 26	0 24 43	4°42'16	27°10	1°32	21° 8	21°44	0°34	24°47	9°21	5°51	26°43	19°30	20° 6	9°13	21°57	T 26
F 27	0 28 40	5°40'18	11♒ 8	2°35	20°40	22°23	0°47	24°52	9°24	5°49	26°44	19°28	20° 3	9°20	21°55	F 27
S 28	0 32 36	6°38'22	25°33	3°37	20°14	23° 2	1° 0	24°56	9°27	5°48	26°44	19°27	20° 0	9°26	21°53	S 28
S 29	0 36 33	7°36'27	10♓21	4°36	19°49	23°41	1°13	25° 0	9°31	5°47	26°45	19°25	19°57	9°33	21°51	S 29
M30	0 40 29	8♎34'33	25♓25	5♏32	19♍27	24♏20	1♎26	25♋ 4	9♏34	5♓45	26♋46	19♎24	19♎53	9♎40	21♒49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n31	7s 2	3n51	2n57	1n12	7s29	6s31	13s33	0s 9	2n44	0n54	20n34	0s47	13s36	0n31	9s14	0s11	15n40	5s 7	7s44	8s17	3s46	6s38	7n28
M 2	7 9	2 26	2 49	2 10	1 6	7 34	6 43	13 45	0 9	2 39	0 54	20 33	0 47	13 37	0 31	9 14	0 11	15 39	5 7	7 42	8 16	3 48	6 39	7 28
T 3	6 47	2n21	1 34	1 23	0 59	7 38	6 54	13 58	0 10	2 34	0 54	20 32	0 47	13 38	0 31	9 15	0 11	15 39	5 7	7 41	8 15	3 50	6 41	7 27
W 4	6 26	6 57	0 14	0 37	0 53	7 41	7 5	14 11	0 11	2 29	0 54	20 31	0 47	13 39	0 31	9 16	0 12	15 39	5 7	7 41	8 13	3 51	6 42	7 27
T 5	6 4	11 3	1s 7	0s 9	0 46	7 43	7 16	14 23	0 12	2 24	0 54	20 31	0 47	13 40	0 31	9 16	0 12	15 39	5 7	7 41	8 12	3 53	6 43	7 27
F 6	5 42	14 23	2 21	0 55	0 39	7 43	7 26	14 36	0 12	2 19	0 54	20 30	0 47	13 40	0 31	9 17	0 12	15 38	5 7	7 42	8 11	3 55	6 44	7 27
S 7	5 19	16 45	3 25	1 41	0 31	7 43	7 36	14 48	0 13	2 14	0 54	20 29	0 47	13 41	0 31	9 17	0 12	15 38	5 8	7 42	8 10	3 57	6 45	7 26
S 8	4 57	18 5	4 15	2 25	0 24	7 40	7 45	15 0	0 14	2 8	0 54	20 28	0 47	13 42	0 31	9 18	0 12	15 38	5 8	7 42	8 9	3 59	6 47	7 26
M 9	4 35	18 22	4 50	3 10	0 16	7 37	7 53	15 12	0 14	2 3	0 54	20 27	0 47	13 43	0 31	9 19	0 12	15 38	5 8	7 42	8 7	4 0	6 48	7 26
T 10	4 12	17 40	5 9	3 54	0 8	7 32	8 1	15 25	0 15	1 58	0 54	20 26	0 47	13 44	0 31	9 19	0 12	15 38	5 8	7 42	8 6	4 2	6 49	7 25
W11	3 50	16 5	5 13	4 37	0s 1	7 26	8 9	15 37	0 16	1 53	0 54	20 25	0 47	13 45	0 31	9 20	0 12	15 37	5 8	7 40	8 5	4 4	6 50	7 25
T 12	3 28	13 46	5 1	5 20	0 9	7 19	8 15	15 49	0 17	1 48	0 54	20 24	0 47	13 46	0 31	9 20	0 12	15 37	5 8	7 39	8 4	4 6	6 51	7 25
F 13	3 5	10 52	4 36	6 2	0 17	7 11	8 21	16 1	0 17	1 43	0 54	20 23	0 47	13 47	0 31	9 21	0 12	15 37	5 8	7 37	8 3	4 8	6 53	7 24
S 14	2 42	7 33	3 58	6 43	0 26	7 1	8 26	16 12	0 18	1 38	0 54	20 22	0 47	13 48	0 31	9 22	0 12	15 37	5 8	7 36	8 2	4 9	6 54	7 24
S 15	2 20	3 58	3 10	7 24	0 35	6 51	8 30	16 24	0 19	1 33	0 54	20 22	0 47	13 49	0 31	9 22	0 12	15 36	5 8	7 34	8 0	4 11	6 55	7 24
M16	1 57	0 14	2 15	8 4	0 44	6 39	8 33	16 36	0 19	1 28	0 54	20 21	0 47	13 50	0 31	9 23	0 12	15 36	5 8	7 33	7 59	4 13	6 56	7 23
T 17	1 34	3s28	1 14	8 44	0 53	6 26	8 35	16 47	0 20	1 23	0 54	20 20	0 47	13 51	0 31	9 23	0 12	15 36	5 8	7 32	7 58	4 15	6 57	7 23
W18	1 11	7 2	0 9	9 22	1 2	6 13	8 36	16 59	0 21	1 18	0 54	20 19	0 47	13 52	0 31	9 24	0 12	15 36	5 8	7 32	7 57	4 17	6 58	7 23
T 19	0 49	10 20	0n56	10 0	1 11	5 59	8 37	17 10	0 21	1 12	0 54	20 18	0 47	13 53	0 31	9 24	0 12	15 36	5 8	7 32	7 56	4 19	6 59	7 22
F 20	0 26	13 14	1 58	10 37	1 20	5 44	8 36	17 21	0 22	1 7	0 54	20 17	0 47	13 54	0 31	9 25	0 12	15 36	5 8	7 32	7 54	4 20	7 1	7 22
S 21	0 3	15 35	2 57	11 13	1 29	5 28	8 35	17 33	0 22	1 2	0 54	20 17	0 47	13 55	0 31	9 25	0 12	15 35	5 8	7 33	7 53	4 22	7 2	7 22
S 22	0s20	17 17	3 48	11 48	1 38	5 12	8 32	17 44	0 23	0 57	0 54	20 16	0 47	13 56	0 31	9 26	0 12	15 35	5 8	7 34	7 52	4 24	7 3	7 21
M23	0 43	18 12	4 30	12 23	1 47	4 56	8 29	17 55	0 24	0 52	0 54	20 15	0 47	13 57	0 31	9 26	0 12	15 35	5 8	7 34	7 51	4 26	7 4	7 21
T 24	1 6	18 14	5 0	12 56	1 56	4 40	8 25	18 6	0 24	0 47	0 54	20 14	0 47	13 58	0 31	9 27	0 12	15 35	5 8	7 34	7 50	4 28	7 5	7 20
W25	1 28	17 18	5 15	13 28	2 5	4 23	8 20	18 16	0 25	0 42	0 54	20 14	0 47	13 59	0 31	9 28	0 12	15 35	5 8	7 34	7 49	4 29	7 6	7 20
T 26	1 51	15 24	5 14	14 0	2 14	4 6	8 14	18 27	0 26	0 37	0 54	20 13	0 47	14 0	0 31	9 28	0 12	15 34	5 8	7 34	7 47	4 31	7 7	7 20
F 27	2 14	12 33	4 55	14 30	2 23	3 49	8 8	18 37	0 26	0 32	0 54	20 12	0 47	14 1	0 31	9 29	0 12	15 34	5 9	7 33	7 46	4 33	7 8	7 19
S 28	2 37	8 51	4 16	14 59	2 31	3 33	8 1	18 48	0 27	0 27	0 54	20 11	0 47	14 2	0 30	9 29	0 12	15 34	5 9	7 33	7 45	4 35	7 9	7 19
S 29	3 0	4 31	3 20	15 27	2 40	3 16	7 53	18 58	0 27	0 21	0 55	20 11	0 47	14 3	0 30	9 30	0 12	15 34	5 9	7 32	7 44	4 36	7 10	7 18
M30	3s22	0n11	2n 9	15s53	2s48	3s 0	7s45	19s 8	0s28	0n16	0n55	20n10	0s47	14s 4	0n30	9s30	0s12	15n34	5s 9	7s32	7s43	4s38	7s11	7n18

Julian Day Number = 3055169.5, Delta T = 02h28m38s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'32, Lahiri = 47°01'33

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

OCTOBER 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 44 26	9♎32'40	10♈38	6♏26	19°R 8	24♏59	1♎39	25♋ 7	9♏37	5°R44	26♋46	19°R24	19♎50	9♎46	21°R47	T 1
W 2	0 48 22	10°30'50	25°49	7°17	18♍50	25°38	1°52	25°11	9°41	5♓43	26°47	19°D24	19°47	9°53	21♒45	W 2
T 3	0 52 19	11°29'01	10♉50	8° 4	18°35	26°17	2° 4	25°15	9°44	5°42	26°47	19♎24	19°44	10° 0	21°44	T 3
F 4	0 56 15	12°27'13	25°32	8°48	18°23	26°57	2°17	25°18	9°48	5°40	26°48	19°25	19°41	10° 6	21°42	F 4
S 5	1 0 12	13°25'28	9♊50	9°28	18°12	27°36	2°30	25°22	9°51	5°39	26°48	19°25	19°37	10°13	21°40	S 5
S 6	1 4 9	14°23'45	23°43	10° 4	18° 5	28°16	2°43	25°25	9°55	5°38	26°49	19°26	19°34	10°20	21°39	S 6
M 7	1 8 5	15°22'04	7♋ 9	10°36	17°59	28°55	2°56	25°28	9°58	5°37	26°49	19°26	19°31	10°26	21°37	M 7
T 8	1 12 2	16°20'24	20°10	11° 4	17°57	29°35	3° 9	25°31	10° 2	5°36	26°50	19°R26	19°28	10°33	21°36	T 8
W 9	1 15 58	17°18'47	2♌50	11°26	17°D56	0♐15	3°22	25°34	10° 5	5°34	26°50	19°26	19°25	10°39	21°35	W 9
T 10	1 19 55	18°17'12	15°13	11°44	17°58	0°55	3°35	25°37	10° 9	5°33	26°50	19°26	19°22	10°46	21°33	T 10
F 11	1 23 51	19°15'39	27°21	11°56	18° 2	1°34	3°47	25°40	10°12	5°32	26°51	19°D26	19°18	10°53	21°32	F 11
S 12	1 27 48	20°14'07	9♍20	12°R 2	18° 9	2°14	4° 0	25°43	10°16	5°31	26°51	19°26	19°15	10°59	21°31	S 12
S 13	1 31 44	21°12'38	21°11	12° 2	18°17	2°55	4°13	25°46	10°20	5°30	26°51	19°26	19°12	11° 6	21°30	S 13
M14	1 35 41	22°11'10	2♎59	11°55	18°28	3°35	4°26	25°48	10°23	5°29	26°52	19°26	19° 9	11°13	21°29	M14
T 15	1 39 38	23° 9'45	14°46	11°41	18°41	4°15	4°38	25°51	10°27	5°28	26°52	19°R26	19° 6	11°19	21°28	T 15
W16	1 43 34	24° 8'21	26°35	11°20	18°56	4°55	4°51	25°53	10°31	5°27	26°52	19°26	19° 3	11°26	21°27	W16
T 17	1 47 31	25° 6'59	8♏27	10°53	19°13	5°36	5° 4	25°55	10°34	5°26	26°52	19°26	18°59	11°33	21°26	T 17
F 18	1 51 27	26° 5'39	20°25	10°18	19°32	6°16	5°16	25°57	10°38	5°25	26°52	19°25	18°56	11°39	21°25	F 18
S 19	1 55 24	27° 4'21	2♐31	9°36	19°53	6°56	5°29	25°59	10°42	5°25	26°53	19°24	18°53	11°46	21°25	S 19
S 20	1 59 20	28° 3'04	14°48	8°47	20°15	7°37	5°41	26° 1	10°45	5°24	26°53	19°23	18°50	11°53	21°24	S 20
M21	2 3 17	29° 1'49	27°17	7°53	20°40	8°18	5°54	26° 3	10°49	5°23	26°53	19°22	18°47	11°59	21°23	M21
T 22	2 7 13	0♏ 0'36	10♑ 3	6°53	21° 6	8°58	6° 6	26° 5	10°53	5°22	26°53	19°21	18°43	12° 6	21°23	T 22
W23	2 11 10	0°59'25	23° 6	5°49	21°34	9°39	6°19	26° 7	10°57	5°21	26°53	19°20	18°40	12°12	21°22	W23
T 24	2 15 6	1°58'15	6♒31	4°43	22° 3	10°20	6°31	26° 8	11° 0	5°21	26°53	19°D20	18°37	12°19	21°22	T 24
F 25	2 19 3	2°57'06	20°18	3°35	22°34	11° 1	6°43	26°10	11° 4	5°20	26°53	19°21	18°34	12°26	21°22	F 25
S 26	2 23 0	3°55'59	4♓28	2°28	23° 6	11°42	6°56	26°11	11° 8	5°19	26°R53	19°22	18°31	12°32	21°22	S 26
S 27	2 26 56	4°54'54	19° 0	1°23	23°39	12°23	7° 8	26°12	11°12	5°19	26°53	19°23	18°28	12°39	21°21	S 27
M28	2 30 53	5°53'51	3♈50	0°22	24°14	13° 4	7°20	26°13	11°15	5°18	26°53	19°24	18°24	12°46	21°21	M28
T 29	2 34 49	6°52'49	18°51	29♎27	24°51	13°46	7°32	26°14	11°19	5°18	26°53	19°R24	18°21	12°52	21°D21	T 29
W30	2 38 46	7°51'49	3♉58	28°39	25°28	14°27	7°44	26°15	11°23	5°17	26°53	19°24	18°18	12°59	21°21	W30
T 31	2 42 42	8♏50'51	18♉59	28♎ 0	26♍ 7	15♐ 8	7♎56	26♋16	11♏27	5♓16	26♋53	19♎22	18♎15	13♎ 6	21♒22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s45	4n55	0n48	16s19	2s56	2s45	7s36	19s18	0s29	0n11	0n55	20n 9	0s47	14s 5	0n30	9s30	0s12	15n34	5s 9	7s31	7s41	4s40	7s12	7n17
W 2	4 8	9 20	0s36	16 43	3 4	2 29	7 27	19 28	0 29	0 6	0 55	20 9	0 46	14 6	0 30	9 31	0 12	15 33	5 9	7 31	7 40	4 42	7 13	7 17
T 3	4 30	13 6	1 56	17 5	3 11	2 15	7 17	19 38	0 30	0 1	0 55	20 8	0 46	14 7	0 30	9 31	0 12	15 33	5 9	7 32	7 39	4 44	7 14	7 16
F 4	4 53	15 56	3 8	17 26	3 18	2 0	7 7	19 48	0 30	0s 4	0 55	20 7	0 46	14 8	0 30	9 32	0 12	15 33	5 9	7 32	7 38	4 45	7 15	7 16
S 5	5 15	17 41	4 5	17 45	3 25	1 47	6 57	19 57	0 31	0 9	0 55	20 7	0 46	14 9	0 30	9 32	0 12	15 33	5 9	7 32	7 37	4 47	7 16	7 15
S 6	5 38	18 18	4 47	18 3	3 31	1 34	6 46	20 7	0 32	0 14	0 55	20 6	0 46	14 11	0 30	9 33	0 12	15 33	5 9	7 32	7 35	4 49	7 17	7 15
M 7	6 0	17 52	5 11	18 18	3 37	1 22	6 35	20 16	0 32	0 19	0 55	20 6	0 46	14 12	0 30	9 33	0 12	15 33	5 9	7 32	7 34	4 51	7 18	7 15
T 8	6 22	16 29	5 18	18 32	3 42	1 11	6 24	20 25	0 33	0 24	0 55	20 5	0 46	14 13	0 30	9 34	0 12	15 32	5 9	7 32	7 33	4 53	7 19	7 14
W 9	6 44	14 19	5 9	18 43	3 47	1 0	6 13	20 34	0 33	0 29	0 55	20 5	0 46	14 14	0 30	9 34	0 12	15 32	5 9	7 32	7 32	4 54	7 20	7 14
T 10	7 6	11 33	4 47	18 53	3 51	0 50	6 1	20 43	0 34	0 34	0 55	20 4	0 46	14 15	0 30	9 34	0 12	15 32	5 9	7 32	7 31	4 56	7 20	7 13
F 11	7 28	8 21	4 11	18 59	3 54	0 42	5 50	20 51	0 34	0 39	0 55	20 3	0 46	14 16	0 30	9 35	0 12	15 32	5 9	7 32	7 29	4 58	7 21	7 13
S 12	7 50	4 50	3 25	19 3	3 56	0 33	5 38	21 0	0 35	0 44	0 55	20 3	0 46	14 17	0 30	9 35	0 12	15 32	5 9	7 32	7 28	5 0	7 22	7 12
S 13	8 12	1 9	2 31	19 4	3 57	0 26	5 27	21 8	0 36	0 49	0 55	20 2	0 46	14 18	0 30	9 36	0 12	15 32	5 10	7 32	7 27	5 1	7 23	7 12
M14	8 34	2s34	1 30	19 2	3 57	0 20	5 15	21 16	0 36	0 54	0 56	20 2	0 46	14 20	0 30	9 36	0 12	15 32	5 10	7 32	7 26	5 3	7 24	7 11
T 15	8 55	6 10	0 26	18 56	3 56	0 14	5 4	21 24	0 37	0 58	0 56	20 2	0 46	14 21	0 30	9 36	0 12	15 32	5 10	7 32	7 25	5 5	7 25	7 11
W16	9 17	9 33	0n40	18 47	3 53	0 9	4 52	21 32	0 37	1 3	0 56	20 1	0 46	14 22	0 30	9 37	0 12	15 31	5 10	7 32	7 24	5 7	7 25	7 10
T 17	9 38	12 33	1 44	18 35	3 49	0 5	4 41	21 40	0 38	1 8	0 56	20 1	0 46	14 23	0 30	9 37	0 12	15 31	5 10	7 32	7 22	5 9	7 26	7 10
F 18	9 59	15 3	2 44	18 18	3 43	0 2	4 29	21 47	0 38	1 13	0 56	20 0	0 46	14 24	0 30	9 37	0 12	15 31	5 10	7 32	7 21	5 10	7 27	7 9
S 19	10 20	16 55	3 37	17 58	3 35	0n 1	4 18	21 55	0 39	1 18	0 56	20 0	0 46	14 25	0 30	9 38	0 12	15 31	5 10	7 32	7 20	5 12	7 28	7 8
S 20	10 41	18 2	4 21	17 33	3 26	0 2	4 7	22 2	0 39	1 23	0 56	20 0	0 46	14 26	0 30	9 38	0 12	15 31	5 10	7 31	7 19	5 14	7 28	7 8
M21	11 2	18 18	4 54	17 5	3 15	0 3	3 56	22 9	0 40	1 28	0 56	19 59	0 46	14 28	0 30	9 38	0 12	15 31	5 10	7 31	7 18	5 16	7 29	7 7
T 22	11 22	17 39	5 13	16 33	3 2	0 3	3 45	22 16	0 40	1 32	0 56	19 59	0 46	14 29	0 30	9 39	0 12	15 31	5 10	7 30	7 16	5 17	7 30	7 7
W23	11 43	16 4	5 17	15 58	2 47	0 2	3 34	22 22	0 41	1 37	0 56	19 59	0 46	14 30	0 30	9 39	0 12	15 31	5 10	7 30	7 15	5 19	7 30	7 6
T 24	12 3	13 35	5 3	15 21	2 31	0 1	3 23	22 29	0 41	1 42	0 56	19 58	0 46	14 31	0 30	9 39	0 12	15 31	5 10	7 30	7 14	5 21	7 31	7 6
F 25	12 23	10 17	4 32	14 41	2 13	0s 1	3 12	22 35	0 42	1 47	0 57	19 58	0 46	14 32	0 30	9 39	0 12	15 31	5 10	7 30	7 13	5 23	7 31	7 5
S 26	12 43	6 18	3 44	14 0	1 54	0 4	3 2	22 41	0 42	1 51	0 57	19 58	0 46	14 33	0 30	9 40	0 12	15 31	5 10	7 31	7 12	5 24	7 32	7 5
S 27	13 3	1 51	2 41	13 19	1 34	0 8	2 52	22 47	0 43	1 56	0 57	19 58	0 46	14 35	0 30	9 40	0 12	15 31	5 10	7 31	7 10	5 26	7 33	7 4
M28	13 22	2n49	1 25	12 39	1 13	0 12	2 41	22 53	0 43	2 1	0 57	19 57	0 46	14 36	0 30	9 40	0 12	15 30	5 11	7 32	7 9	5 28	7 33	7 4
T 29	13 41	7 22	0 3	12 0	0 53	0 17	2 31	22 58	0 44	2 5	0 57	19 57	0 46	14 37	0 30	9 40	0 12	15 30	5 11	7 32	7 8	5 30	7 34	7 3
W30	14 0	11 28	1s20	11 24	0 32	0 23	2 22	23 4	0 44	2 10	0 57	19 57	0 46	14 38	0 30	9 40	0 12	15 30	5 11	7 31	7 7	5 31	7 34	7 3
T 31	14s19	14n48	2s36	10s52	0s13	0s29	2s12	23s 9	0s45	2s15	0n57	19n57	0s46	14s39	0n30	9s41	0s12	15n30	5s11	7s31	7s 6	5s33	7s35	7n 2

Julian Day Number = 3055199.5, Delta T = 02h28m39s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'36, Lahiri = 47°01'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3652
geocentric

NOVEMBER 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 46 39	9♏49'55	3♊47	27°R30	26♍47	15♐50	8♎ 8	26♋16	11♏30	5°R16	26°R53	19°R20	18♎12	13♎12	21♒22	F 1
S 2	2 50 35	10°49'02	18°14	27♎10	27°28	16°31	8°20	26°17	11°34	5♓16	26♋53	19♎17	18° 9	13°19	21°22	S 2
S 3	2 54 32	11°48'10	2♋15	27°D 2	28°11	17°13	8°32	26°17	11°38	5°15	26°52	19°14	18° 5	13°26	21°22	S 3
M 4	2 58 29	12°47'21	15°49	27° 4	28°54	17°55	8°44	26°18	11°42	5°15	26°52	19°11	18° 2	13°32	21°23	M 4
T 5	3 2 25	13°46'33	28°56	27°17	29°38	18°36	8°56	26°18	11°46	5°14	26°52	19°10	17°59	13°39	21°23	T 5
W 6	3 6 22	14°45'48	11♌39	27°40	0♎24	19°18	9° 7	26°R18	11°49	5°14	26°52	19°D 9	17°56	13°45	21°24	W 6
T 7	3 10 18	15°45'06	24° 1	28°12	1°10	20° 0	9°19	26°18	11°53	5°14	26°52	19° 9	17°53	13°52	21°25	T 7
F 8	3 14 15	16°44'25	6♍ 7	28°54	1°57	20°42	9°31	26°18	11°57	5°13	26°51	19°10	17°49	13°59	21°25	F 8
S 9	3 18 11	17°43'46	18° 2	29°45	2°45	21°24	9°42	26°18	12° 1	5°13	26°51	19°12	17°46	14° 5	21°26	S 9
S 10	3 22 8	18°43'10	29°51	0♏42	3°34	22° 6	9°54	26°17	12° 4	5°13	26°51	19°14	17°43	14°12	21°27	S 10
M11	3 26 4	19°42'36	11♎37	1°47	4°24	22°48	10° 5	26°17	12° 8	5°13	26°50	19°15	17°40	14°19	21°28	M11
T 12	3 30 1	20°42'04	23°25	2°58	5°14	23°31	10°16	26°16	12°12	5°13	26°50	19°R15	17°37	14°25	21°29	T 12
W13	3 33 58	21°41'34	5♏18	4°13	6° 6	24°13	10°28	26°16	12°16	5°13	26°50	19°14	17°34	14°32	21°30	W13
T 14	3 37 54	22°41'06	17°19	5°34	6°58	24°55	10°39	26°15	12°20	5°13	26°49	19°11	17°30	14°39	21°31	T 14
F 15	3 41 51	23°40'40	29°29	6°58	7°50	25°38	10°50	26°14	12°23	5°D13	26°49	19° 6	17°27	14°45	21°32	F 15
S 16	3 45 47	24°40'16	11♐50	8°25	8°44	26°20	11° 1	26°13	12°27	5°13	26°48	19° 0	17°24	14°52	21°33	S 16
S 17	3 49 44	25°39'54	24°22	9°55	9°38	27° 3	11°12	26°12	12°31	5°13	26°48	18°54	17°21	14°59	21°35	S 17
M18	3 53 40	26°39'34	7♑ 6	11°27	10°33	27°46	11°23	26°11	12°34	5°13	26°47	18°47	17°18	15° 5	21°36	M18
T 19	3 57 37	27°39'15	20° 4	13° 2	11°28	28°29	11°34	26° 9	12°38	5°13	26°47	18°41	17°14	15°12	21°37	T 19
W20	4 1 33	28°38'58	3♒15	14°37	12°24	29°11	11°44	26° 8	12°42	5°13	26°46	18°37	17°11	15°19	21°39	W20
T 21	4 5 30	29°38'43	16°41	16°14	13°20	29°54	11°55	26° 6	12°45	5°13	26°46	18°34	17° 8	15°25	21°41	T 21
F 22	4 9 27	0♐38'29	0♓22	17°51	14°17	0♑37	12° 6	26° 5	12°49	5°13	26°45	18°D33	17° 5	15°32	21°42	F 22
S 23	4 13 23	1°38'17	14°19	19°29	15°15	1°20	12°16	26° 3	12°53	5°14	26°44	18°34	17° 2	15°38	21°44	S 23
S 24	4 17 20	2°38'06	28°33	21° 8	16°13	2° 3	12°26	26° 1	12°56	5°14	26°44	18°35	16°59	15°45	21°46	S 24
M25	4 21 16	3°37'57	13♈ 0	22°47	17°11	2°46	12°37	25°59	13° 0	5°14	26°43	18°R36	16°55	15°52	21°48	M25
T 26	4 25 13	4°37'49	27°40	24°26	18°10	3°30	12°47	25°57	13° 4	5°15	26°43	18°36	16°52	15°58	21°49	T 26
W27	4 29 9	5°37'44	12♉26	26° 5	19° 9	4°13	12°57	25°55	13° 7	5°15	26°42	18°34	16°49	16° 5	21°51	W27
T 28	4 33 6	6°37'39	27°11	27°44	20° 9	4°56	13° 7	25°53	13°11	5°15	26°41	18°29	16°46	16°12	21°54	T 28
F 29	4 37 2	7°37'37	11♊49	29°23	21°10	5°40	13°17	25°50	13°14	5°16	26°40	18°23	16°43	16°18	21°56	F 29
S 30	4 40 59	8♐37'36	26♊12	1♑ 2	22♎11	6♑23	13♎27	25♋48	13♏18	5♓16	26♋40	18♎15	16♎40	16♎25	21♒58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s38	17n 5	3s41	10s23	0n 6	0s36	2s 2	23s14	0s45	2s19	0n57	19n57	0s46	14s40	0n30	9s41	0s12	15n30	5s11	7s30	7s 4	5s35	7s35	7n 2
S 2	14 56	18 13	4 30	10 0	0 24	0 44	1 53	23 18	0 46	2 24	0 57	19 57	0 46	14 42	0 30	9 41	0 12	15 30	5 11	7 29	7 3	5 37	7 35	7 1
S 3	15 14	18 11	5 2	9 41	0 41	0 52	1 44	23 23	0 46	2 28	0 58	19 57	0 46	14 43	0 30	9 41	0 12	15 30	5 11	7 28	7 2	5 38	7 36	7 0
M 4	15 32	17 5	5 15	9 28	0 56	1 1	1 35	23 27	0 47	2 33	0 58	19 57	0 46	14 44	0 30	9 41	0 12	15 30	5 11	7 27	7 1	5 40	7 36	7 0
T 5	15 50	15 7	5 11	9 20	1 10	1 10	1 26	23 31	0 47	2 37	0 58	19 57	0 46	14 45	0 30	9 41	0 12	15 30	5 11	7 26	7 0	5 42	7 37	6 59
W 6	16 7	12 28	4 51	9 17	1 22	1 20	1 17	23 35	0 47	2 42	0 58	19 57	0 46	14 46	0 30	9 42	0 12	15 30	5 11	7 26	6 58	5 44	7 37	6 59
T 7	16 24	9 19	4 19	9 18	1 32	1 31	1 9	23 39	0 48	2 46	0 58	19 57	0 46	14 47	0 30	9 42	0 12	15 30	5 11	7 26	6 57	5 45	7 37	6 58
F 8	16 41	5 50	3 35	9 25	1 41	1 42	1 0	23 42	0 48	2 51	0 58	19 57	0 46	14 49	0 30	9 42	0 12	15 30	5 11	7 26	6 56	5 47	7 38	6 58
S 9	16 58	2 11	2 43	9 35	1 48	1 53	0 52	23 46	0 49	2 55	0 58	19 57	0 46	14 50	0 30	9 42	0 12	15 30	5 11	7 27	6 55	5 49	7 38	6 57
S 10	17 14	1s32	1 45	9 50	1 54	2 5	0 44	23 49	0 49	2 59	0 58	19 57	0 46	14 51	0 30	9 42	0 12	15 30	5 11	7 28	6 54	5 51	7 38	6 57
M11	17 30	5 12	0 42	10 8	1 59	2 18	0 36	23 51	0 50	3 4	0 59	19 57	0 46	14 52	0 30	9 42	0 12	15 30	5 11	7 28	6 52	5 52	7 38	6 56
T 12	17 46	8 40	0n23	10 29	2 2	2 30	0 29	23 54	0 50	3 8	0 59	19 57	0 46	14 53	0 30	9 42	0 12	15 30	5 11	7 28	6 51	5 54	7 39	6 56
W13	18 1	11 48	1 27	10 52	2 4	2 44	0 21	23 56	0 50	3 12	0 59	19 57	0 46	14 54	0 30	9 42	0 12	15 30	5 12	7 28	6 50	5 56	7 39	6 55
T 14	18 17	14 29	2 28	11 18	2 5	2 57	0 14	23 58	0 51	3 16	0 59	19 57	0 46	14 55	0 30	9 42	0 12	15 30	5 12	7 27	6 49	5 58	7 39	6 54
F 15	18 31	16 34	3 22	11 45	2 5	3 11	0 7	24 0	0 51	3 20	0 59	19 58	0 46	14 56	0 30	9 42	0 12	15 30	5 12	7 25	6 48	5 59	7 39	6 54
S 16	18 46	17 54	4 8	12 14	2 4	3 26	0n 0	24 2	0 52	3 25	0 59	19 58	0 46	14 58	0 30	9 42	0 12	15 30	5 12	7 23	6 46	6 1	7 39	6 53
S 17	19 0	18 24	4 43	12 44	2 2	3 41	0 7	24 3	0 52	3 29	0 59	19 58	0 46	14 59	0 30	9 42	0 12	15 30	5 12	7 20	6 45	6 3	7 39	6 53
M18	19 14	17 58	5 4	13 15	1 59	3 56	0 13	24 5	0 52	3 33	1 0	19 58	0 46	15 0	0 30	9 42	0 12	15 30	5 12	7 18	6 44	6 4	7 39	6 52
T 19	19 28	16 37	5 10	13 46	1 56	4 11	0 20	24 6	0 53	3 37	1 0	19 58	0 46	15 1	0 30	9 42	0 12	15 30	5 12	7 16	6 43	6 6	7 39	6 52
W20	19 41	14 23	5 1	14 17	1 52	4 27	0 26	24 6	0 53	3 41	1 0	19 59	0 46	15 2	0 30	9 42	0 12	15 30	5 12	7 14	6 42	6 8	7 39	6 51
T 21	19 54	11 20	4 34	14 49	1 48	4 43	0 32	24 7	0 54	3 45	1 0	19 59	0 46	15 3	0 30	9 42	0 12	15 30	5 12	7 13	6 40	6 10	7 39	6 51
F 22	20 6	7 37	3 52	15 21	1 43	5 0	0 38	24 7	0 54	3 49	1 0	19 59	0 46	15 4	0 30	9 42	0 12	15 30	5 12	7 13	6 39	6 11	7 39	6 50
S 23	20 18	3 25	2 55	15 52	1 38	5 16	0 44	24 7	0 54	3 53	1 0	20 0	0 46	15 5	0 30	9 42	0 12	15 31	5 12	7 13	6 38	6 13	7 39	6 50
S 24	20 30	1n 4	1 47	16 23	1 33	5 33	0 50	24 7	0 55	3 57	1 0	20 0	0 46	15 6	0 30	9 42	0 12	15 31	5 12	7 13	6 37	6 15	7 39	6 49
M25	20 41	5 33	0 30	16 54	1 27	5 51	0 55	24 7	0 55	4 0	1 1	20 0	0 46	15 8	0 30	9 42	0 12	15 31	5 12	7 14	6 35	6 17	7 39	6 49
T 26	20 52	9 47	0s49	17 24	1 21	6 8	1 0	24 6	0 55	4 4	1 1	20 1	0 46	15 9	0 30	9 41	0 12	15 31	5 12	7 14	6 34	6 18	7 39	6 48
W27	21 3	13 26	2 5	17 54	1 14	6 26	1 5	24 5	0 56	4 8	1 1	20 1	0 46	15 10	0 30	9 41	0 12	15 31	5 12	7 13	6 33	6 20	7 39	6 48
T 28	21 13	16 13	3 13	18 22	1 8	6 43	1 10	24 4	0 56	4 12	1 1	20 2	0 46	15 11	0 30	9 41	0 12	15 31	5 12	7 11	6 32	6 22	7 39	6 47
F 29	21 23	17 55	4 7	18 50	1 1	7 1	1 15	24 3	0 56	4 15	1 1	20 2	0 46	15 12	0 30	9 41	0 12	15 31	5 12	7 9	6 31	6 23	7 39	6 47
S 30	21s33	18n25	4s45	19s17	0n55	7s19	1n20	24s 1	0s57	4s19	1n 1	20n 3	0s46	15s13	0n30	9s41	0s12	15n31	5s12	7s 6	6s29	6s25	7s38	6n46

Julian Day Number = 3055230.5, Delta T = 02h28m40s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'41, Lahiri = 47°01'41

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ASTRODIENST EPHEMERIS for the year 3652
geocentric

DECEMBER 3652 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 44 56	9♐37'38	10♋14	2♐41	23♎12	7♑ 7	13♎36	25°R45	13♏21	5♓17	26°R39	18°R 6	16♎36	16♎32	22♒ 0	S 1
M 2	4 48 52	10°37'41	23°51	4°19	24°13	7°50	13°46	25♋43	13°25	5°17	26♋38	17♎58	16°33	16°38	22° 2	M 2
T 3	4 52 49	11°37'46	7♌ 3	5°57	25°15	8°34	13°56	25°40	13°28	5°18	26°37	17°51	16°30	16°45	22° 5	T 3
W 4	4 56 45	12°37'53	19°49	7°35	26°18	9°18	14° 5	25°37	13°32	5°18	26°37	17°46	16°27	16°52	22° 7	W 4
T 5	5 0 42	13°38'02	2♍13	9°12	27°20	10° 2	14°14	25°34	13°35	5°19	26°36	17°44	16°24	16°58	22°10	T 5
F 6	5 4 38	14°38'13	14°21	10°49	28°24	10°45	14°24	25°31	13°39	5°20	26°35	17°D43	16°20	17° 5	22°12	F 6
S 7	5 8 35	15°38'26	26°16	12°26	29°27	11°29	14°33	25°28	13°42	5°21	26°34	17°43	16°17	17°11	22°15	S 7
S 8	5 12 31	16°38'41	8♎ 4	14° 3	0♏31	12°13	14°42	25°25	13°45	5°21	26°33	17°44	16°14	17°18	22°17	S 8
M 9	5 16 28	17°38'58	19°51	15°39	1°35	12°57	14°51	25°22	13°49	5°22	26°32	17°R44	16°11	17°25	22°20	M 9
T 10	5 20 25	18°39'16	1♏41	17°15	2°39	13°42	14°59	25°18	13°52	5°23	26°31	17°43	16° 8	17°31	22°23	T 10
W11	5 24 21	19°39'36	13°40	18°51	3°44	14°26	15° 8	25°15	13°55	5°24	26°31	17°40	16° 5	17°38	22°26	W11
T 12	5 28 18	20°39'59	25°49	20°26	4°49	15°10	15°16	25°11	13°58	5°25	26°30	17°34	16° 1	17°45	22°29	T 12
F 13	5 32 14	21°40'22	8♐12	22° 1	5°54	15°54	15°25	25° 8	14° 2	5°25	26°29	17°25	15°58	17°51	22°31	F 13
S 14	5 36 11	22°40'48	20°50	23°36	7° 0	16°39	15°33	25° 4	14° 5	5°26	26°28	17°14	15°55	17°58	22°34	S 14
S 15	5 40 7	23°41'15	3♑43	25°11	8° 6	17°23	15°41	25° 0	14° 8	5°27	26°27	17° 2	15°52	18° 5	22°38	S 15
M16	5 44 4	24°41'43	16°49	26°45	9°12	18° 8	15°49	24°56	14°11	5°28	26°26	16°50	15°49	18°11	22°41	M16
T 17	5 48 0	25°42'13	0♒ 8	28°20	10°18	18°52	15°57	24°52	14°14	5°29	26°25	16°39	15°46	18°18	22°44	T 17
W18	5 51 57	26°42'44	13°38	29°54	11°25	19°37	16° 5	24°48	14°17	5°31	26°24	16°30	15°42	18°25	22°47	W18
T 19	5 55 54	27°43'17	27°17	1♑28	12°31	20°22	16°13	24°44	14°20	5°32	26°23	16°24	15°39	18°31	22°50	T 19
F 20	5 59 50	28°43'50	11♓ 5	3° 2	13°38	21° 6	16°20	24°40	14°23	5°33	26°22	16°21	15°36	18°38	22°54	F 20
S 21	6 3 47	29°44'24	25° 0	4°35	14°46	21°51	16°27	24°36	14°26	5°34	26°21	16°D19	15°33	18°44	22°57	S 21
S 22	6 7 43	0♑45'00	9♈ 3	6° 9	15°53	22°36	16°35	24°32	14°29	5°35	26°20	16°R19	15°30	18°51	23° 0	S 22
M23	6 11 40	1°45'36	23°13	7°42	17° 1	23°21	16°42	24°27	14°32	5°36	26°19	16°19	15°26	18°58	23° 4	M23
T 24	6 15 36	2°46'13	7♉29	9°15	18° 9	24° 6	16°49	24°23	14°35	5°38	26°17	16°18	15°23	19° 4	23° 7	T 24
W25	6 19 33	3°46'52	21°48	10°49	19°17	24°51	16°56	24°19	14°38	5°39	26°16	16°14	15°20	19°11	23°11	W25
T 26	6 23 30	4°47'31	6♊ 7	12°22	20°25	25°36	17° 2	24°14	14°40	5°40	26°15	16° 7	15°17	19°18	23°14	T 26
F 27	6 27 26	5°48'12	20°22	13°55	21°33	26°21	17° 9	24°10	14°43	5°41	26°14	15°58	15°14	19°24	23°18	F 27
S 28	6 31 23	6°48'54	4♋26	15°28	22°42	27° 6	17°15	24° 5	14°46	5°43	26°13	15°46	15°11	19°31	23°22	S 28
S 29	6 35 19	7°49'37	18°15	17° 1	23°51	27°51	17°21	24° 1	14°48	5°44	26°12	15°33	15° 7	19°38	23°26	S 29
M30	6 39 16	8°50'21	1♌44	18°34	25° 0	28°37	17°27	23°56	14°51	5°46	26°11	15°20	15° 4	19°44	23°29	M30
T 31	6 43 12	9♑51'06	14♌51	20♑ 7	26♏ 9	29♑22	17♎33	23♋51	14♏54	5♓47	26♋10	15♎ 9	15♎ 1	19♎51	23♒33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	17n47	5s 4	19s43	0n48	7s38	1n24	23s59	0s57	4s22	1n 2	20n 3	0s46	15s14	0n30	9s41	0s12	15n31	5s12	7s 2	6s28	6s27	7s38	6n46
M 2	21 50	16 7	5 5	20 9	0 41	7 56	1 28	23 57	0 57	4 26	1 2	20 4	0 46	15 15	0 30	9 40	0 12	15 31	5 12	6 59	6 27	6 29	7 38	6 45
T 3	21 59	13 40	4 50	20 33	0 34	8 15	1 33	23 54	0 58	4 30	1 2	20 4	0 46	15 16	0 30	9 40	0 12	15 31	5 12	6 57	6 26	6 30	7 38	6 45
W 4	22 6	10 36	4 21	20 56	0 27	8 33	1 37	23 52	0 58	4 33	1 2	20 5	0 46	15 17	0 30	9 40	0 12	15 32	5 13	6 55	6 25	6 32	7 37	6 44
T 5	22 14	7 10	3 40	21 18	0 20	8 52	1 40	23 49	0 58	4 36	1 2	20 5	0 46	15 18	0 30	9 40	0 12	15 32	5 13	6 54	6 23	6 34	7 37	6 44
F 6	22 21	3 30	2 49	21 39	0 13	9 11	1 44	23 46	0 59	4 40	1 3	20 6	0 46	15 19	0 30	9 40	0 12	15 32	5 13	6 53	6 22	6 35	7 37	6 43
S 7	22 27	0s15	1 53	21 59	0 6	9 30	1 48	23 43	0 59	4 43	1 3	20 6	0 46	15 20	0 30	9 39	0 12	15 32	5 13	6 54	6 21	6 37	7 36	6 43
S 8	22 34	3 58	0 52	22 17	0s 1	9 49	1 51	23 39	0 59	4 46	1 3	20 7	0 46	15 21	0 30	9 39	0 12	15 32	5 13	6 54	6 20	6 39	7 36	6 42
M 9	22 39	7 31	0n11	22 35	0 8	10 8	1 54	23 35	0 59	4 50	1 3	20 8	0 46	15 22	0 30	9 39	0 12	15 32	5 13	6 54	6 19	6 40	7 36	6 42
T 10	22 45	10 48	1 14	22 51	0 14	10 27	1 57	23 31	1 0	4 53	1 3	20 8	0 45	15 23	0 30	9 38	0 12	15 32	5 13	6 54	6 17	6 42	7 35	6 41
W11	22 50	13 40	2 14	23 7	0 21	10 46	2 0	23 27	1 0	4 56	1 4	20 9	0 45	15 24	0 30	9 38	0 12	15 32	5 13	6 52	6 16	6 44	7 35	6 41
T 12	22 54	15 59	3 9	23 21	0 28	11 5	2 3	23 22	1 0	4 59	1 4	20 10	0 45	15 25	0 30	9 38	0 12	15 33	5 13	6 50	6 15	6 46	7 34	6 41
F 13	22 58	17 36	3 55	23 33	0 34	11 23	2 6	23 17	1 0	5 2	1 4	20 10	0 45	15 26	0 30	9 38	0 12	15 33	5 13	6 47	6 14	6 47	7 34	6 40
S 14	23 1	18 24	4 31	23 45	0 41	11 42	2 8	23 12	1 1	5 5	1 4	20 11	0 45	15 27	0 30	9 37	0 12	15 33	5 13	6 43	6 13	6 49	7 33	6 40
S 15	23 4	18 16	4 54	23 55	0 47	12 1	2 11	23 7	1 1	5 8	1 4	20 12	0 45	15 28	0 30	9 37	0 12	15 33	5 13	6 38	6 11	6 51	7 33	6 39
M16	23 7	17 10	5 2	24 4	0 53	12 20	2 13	23 1	1 1	5 11	1 5	20 13	0 45	15 28	0 30	9 36	0 12	15 33	5 13	6 34	6 10	6 52	7 32	6 39
T 17	23 9	15 9	4 54	24 12	0 59	12 38	2 15	22 55	1 1	5 13	1 5	20 13	0 45	15 29	0 30	9 36	0 12	15 33	5 13	6 29	6 9	6 54	7 31	6 38
W18	23 11	12 16	4 30	24 19	1 5	12 57	2 17	22 49	1 2	5 16	1 5	20 14	0 45	15 30	0 30	9 36	0 12	15 34	5 13	6 26	6 8	6 56	7 31	6 38
T 19	23 12	8 42	3 49	24 24	1 11	13 15	2 19	22 43	1 2	5 19	1 5	20 15	0 45	15 31	0 30	9 35	0 12	15 34	5 13	6 24	6 6	6 57	7 30	6 38
F 20	23 13	4 38	2 56	24 28	1 17	13 34	2 20	22 36	1 2	5 22	1 5	20 16	0 45	15 32	0 30	9 35	0 12	15 34	5 13	6 22	6 5	6 59	7 30	6 37
S 21	23 13	0 16	1 51	24 31	1 22	13 52	2 22	22 30	1 2	5 24	1 6	20 16	0 45	15 33	0 30	9 34	0 12	15 34	5 13	6 22	6 4	7 1	7 29	6 37
S 22	23 13	4n 9	0 39	24 32	1 27	14 10	2 23	22 23	1 3	5 27	1 6	20 17	0 45	15 34	0 30	9 34	0 12	15 34	5 13	6 22	6 3	7 2	7 28	6 36
M23	23 13	8 23	0s36	24 33	1 33	14 27	2 24	22 15	1 3	5 29	1 6	20 18	0 45	15 34	0 30	9 34	0 12	15 35	5 13	6 22	6 2	7 4	7 27	6 36
T 24	23 12	12 9	1 50	24 31	1 37	14 45	2 25	22 8	1 3	5 32	1 6	20 19	0 45	15 35	0 30	9 33	0 12	15 35	5 13	6 21	6 0	7 6	7 27	6 36
W25	23 10	15 13	2 56	24 29	1 42	15 2	2 26	22 0	1 3	5 34	1 6	20 20	0 45	15 36	0 30	9 33	0 12	15 35	5 13	6 20	5 59	7 7	7 26	6 35
T 26	23 8	17 20	3 51	24 25	1 46	15 19	2 27	21 52	1 3	5 36	1 7	20 21	0 45	15 37	0 30	9 32	0 12	15 35	5 13	6 17	5 58	7 9	7 25	6 35
F 27	23 6	18 22	4 32	24 20	1 51	15 36	2 28	21 44	1 4	5 39	1 7	20 21	0 44	15 38	0 30	9 32	0 12	15 35	5 13	6 13	5 57	7 11	7 24	6 34
S 28	23 3	18 14	4 55	24 14	1 55	15 53	2 29	21 36	1 4	5 41	1 7	20 22	0 44	15 38	0 30	9 31	0 12	15 36	5 13	6 9	5 56	7 12	7 24	6 34
S 29	23 0	17 2	5 0	24 6	1 58	16 9	2 29	21 27	1 4	5 43	1 7	20 23	0 44	15 39	0 30	9 31	0 12	15 36	5 13	6 4	5 54	7 14	7 23	6 34
M30	22 56	14 54	4 49	23 58	2 2	16 26	2 29	21 18	1 4	5 45	1 8	20 24	0 44	15 40	0 30	9 30	0 12	15 36	5 13	5 59	5 53	7 16	7 22	6 33
T 31	22s52	12n 3	4s22	23s47	2s 5	16s41	2n30	21s 9	1s 4	5s47	1n 8	20n25	0s44	15s41	0n30	9s30	0s12	15n36	5s13	5s55	5s52	7s17	7s21	6n33

Julian Day Number = 3055260.5, Delta T = 02h28m41s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'45, Lahiri = 47°01'45

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

JANUARY 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 47 9	10♑51'52	27♌37	21♑39	27♏18	0♒ 7	17♎39	23°R47	14♏56	5♓49	26°R 9	15°R 1	14♎58	19♎58	23♒37	W 1
T 2	6 51 5	11°52'40	10♍ 2	23°12	28°28	0°53	17°45	23♋42	14°59	5°50	26♋ 7	14♎55	14°55	20° 4	23°41	T 2
F 3	6 55 2	12°53'29	22°10	24°45	29°37	1°38	17°50	23°37	15° 1	5°52	26° 6	14°52	14°52	20°11	23°45	F 3
S 4	6 58 59	13°54'19	4♎ 6	26°17	0♐47	2°24	17°55	23°32	15° 3	5°53	26° 5	14°50	14°48	20°18	23°49	S 4
S 5	7 2 55	14°55'10	15°55	27°49	1°57	3° 9	18° 1	23°27	15° 6	5°55	26° 4	14°50	14°45	20°24	23°53	S 5
M 6	7 6 52	15°56'02	27°43	29°21	3° 7	3°55	18° 6	23°23	15° 8	5°56	26° 3	14°50	14°42	20°31	23°57	M 6
T 7	7 10 48	16°56'56	9♏34	0♒53	4°17	4°41	18°10	23°18	15°10	5°58	26° 1	14°48	14°39	20°37	24° 1	T 7
W 8	7 14 45	17°57'51	21°36	2°25	5°27	5°27	18°15	23°13	15°13	6° 0	26° 0	14°45	14°36	20°44	24° 5	W 8
T 9	7 18 41	18°58'46	3♐51	3°56	6°38	6°12	18°19	23° 8	15°15	6° 1	25°59	14°38	14°32	20°51	24° 9	T 9
F 10	7 22 38	19°59'43	16°23	5°26	7°48	6°58	18°24	23° 3	15°17	6° 3	25°58	14°29	14°29	20°57	24°13	F 10
S 11	7 26 34	21° 0'41	29°14	6°56	8°59	7°44	18°28	22°58	15°19	6° 5	25°57	14°17	14°26	21° 4	24°18	S 11
S 12	7 30 31	22° 1'39	12♑26	8°26	10°10	8°30	18°32	22°53	15°21	6° 6	25°56	14° 4	14°23	21°11	24°22	S 12
M13	7 34 28	23° 2'39	25°55	9°54	11°21	9°16	18°36	22°48	15°23	6° 8	25°54	13°51	14°20	21°17	24°26	M13
T 14	7 38 24	24° 3'39	9♒40	11°22	12°32	10° 2	18°39	22°43	15°25	6°10	25°53	13°39	14°17	21°24	24°30	T 14
W15	7 42 21	25° 4'39	23°36	12°48	13°43	10°48	18°43	22°38	15°27	6°12	25°52	13°29	14°13	21°31	24°35	W15
T 16	7 46 17	26° 5'40	7♓40	14°12	14°54	11°34	18°46	22°34	15°29	6°14	25°51	13°22	14°10	21°37	24°39	T 16
F 17	7 50 14	27° 6'41	21°47	15°35	16° 6	12°20	18°49	22°29	15°31	6°15	25°50	13°18	14° 7	21°44	24°44	F 17
S 18	7 54 10	28° 7'42	5♈55	16°56	17°17	13° 7	18°52	22°24	15°32	6°17	25°48	13°16	14° 4	21°51	24°48	S 18
S 19	7 58 7	29° 8'43	20° 2	18°14	18°29	13°53	18°54	22°19	15°34	6°19	25°47	13°D16	14° 1	21°57	24°52	S 19
M20	8 2 3	0♒ 9'45	4♉ 7	19°29	19°40	14°39	18°57	22°14	15°36	6°21	25°46	13°R16	13°58	22° 4	24°57	M20
T 21	8 6 0	1°10'47	18° 9	20°41	20°52	15°26	18°59	22° 9	15°37	6°23	25°45	13°15	13°54	22°10	25° 1	T 21
W22	8 9 57	2°11'49	2♊ 7	21°49	22° 4	16°12	19° 1	22° 4	15°39	6°25	25°44	13°12	13°51	22°17	25° 6	W22
T 23	8 13 53	3°12'51	16° 1	22°52	23°15	16°58	19° 3	22° 0	15°40	6°27	25°42	13° 5	13°48	22°24	25°10	T 23
F 24	8 17 50	4°13'53	29°48	23°49	24°27	17°45	19° 5	21°55	15°42	6°29	25°41	12°57	13°45	22°30	25°15	F 24
S 25	8 21 46	5°14'55	13♋25	24°41	25°39	18°31	19° 7	21°50	15°43	6°31	25°40	12°46	13°42	22°37	25°20	S 25
S 26	8 25 43	6°15'57	26°50	25°25	26°52	19°18	19° 8	21°45	15°44	6°33	25°39	12°34	13°38	22°44	25°24	S 26
M27	8 29 39	7°16'59	10♌ 0	26° 2	28° 4	20° 4	19° 9	21°41	15°46	6°35	25°38	12°22	13°35	22°50	25°29	M27
T 28	8 33 36	8°18'02	22°54	26°29	29°16	20°51	19°10	21°36	15°47	6°37	25°36	12°12	13°32	22°57	25°33	T 28
W29	8 37 33	9°19'04	5♍31	26°47	0♑28	21°38	19°11	21°32	15°48	6°39	25°35	12° 4	13°29	23° 4	25°38	W29
T 30	8 41 29	10°20'07	17°51	26°R54	1°41	22°24	19°12	21°27	15°49	6°41	25°34	11°58	13°26	23°10	25°43	T 30
F 31	8 45 26	11♒21'10	29♍57	26♒50	2♑53	23♒11	19♎12	21♋22	15♏50	6♓43	25♋33	11♎55	13♎23	23♎17	25♒47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s47	8n42	3s42	23s36	2s 7	16s57	2n30	20s59	1s 4	5s49	1n 8	20n26	0s44	15s41	0n30	9s29	0s12	15n36	5s13	5s52	5s51	7s19	7s20	6n33
T 2	22 42	5 4	2 53	23 23	2 10	17 12	2 30	20 50	1 4	5 51	1 8	20 27	0 44	15 42	0 30	9 29	0 12	15 37	5 13	5 49	5 49	7 21	7 19	6 32
F 3	22 36	1 17	1 57	23 9	2 12	17 27	2 30	20 40	1 5	5 53	1 8	20 27	0 44	15 43	0 30	9 28	0 12	15 37	5 13	5 48	5 48	7 22	7 18	6 32
S 4	22 30	2s29	0 57	22 54	2 14	17 42	2 29	20 30	1 5	5 55	1 9	20 28	0 44	15 43	0 30	9 28	0 12	15 37	5 13	5 48	5 47	7 24	7 17	6 32
S 5	22 24	6 7	0n 6	22 37	2 15	17 56	2 29	20 20	1 5	5 56	1 9	20 29	0 44	15 44	0 30	9 27	0 12	15 37	5 13	5 48	5 46	7 26	7 16	6 31
M 6	22 17	9 31	1 8	22 19	2 16	18 10	2 29	20 9	1 5	5 58	1 9	20 30	0 44	15 45	0 30	9 26	0 12	15 38	5 13	5 48	5 45	7 27	7 15	6 31
T 7	22 10	12 32	2 7	22 0	2 17	18 23	2 28	19 59	1 5	6 0	1 9	20 31	0 44	15 45	0 30	9 26	0 12	15 38	5 13	5 47	5 43	7 29	7 14	6 31
W 8	22 2	15 4	3 2	21 40	2 17	18 36	2 27	19 48	1 5	6 1	1 10	20 32	0 44	15 46	0 30	9 25	0 12	15 38	5 13	5 46	5 42	7 31	7 13	6 30
T 9	21 54	16 59	3 49	21 19	2 16	18 49	2 27	19 36	1 5	6 2	1 10	20 33	0 43	15 47	0 30	9 25	0 12	15 38	5 13	5 43	5 41	7 32	7 12	6 30
F 10	21 45	18 8	4 26	20 56	2 16	19 1	2 26	19 25	1 5	6 4	1 10	20 34	0 43	15 47	0 30	9 24	0 12	15 39	5 12	5 40	5 40	7 34	7 11	6 30
S 11	21 36	18 23	4 50	20 32	2 14	19 13	2 25	19 14	1 5	6 5	1 10	20 35	0 43	15 48	0 30	9 23	0 12	15 39	5 12	5 35	5 38	7 36	7 10	6 29
S 12	21 26	17 40	5 0	20 7	2 12	19 24	2 24	19 2	1 6	6 6	1 11	20 36	0 43	15 48	0 30	9 23	0 12	15 39	5 12	5 30	5 37	7 37	7 9	6 29
M13	21 17	15 57	4 54	19 41	2 10	19 35	2 22	18 50	1 6	6 8	1 11	20 36	0 43	15 49	0 30	9 22	0 12	15 39	5 12	5 25	5 36	7 39	7 8	6 29
T 14	21 6	13 19	4 31	19 15	2 7	19 46	2 21	18 38	1 6	6 9	1 11	20 37	0 43	15 50	0 30	9 21	0 12	15 40	5 12	5 20	5 35	7 41	7 7	6 29
W15	20 56	9 54	3 51	18 47	2 3	19 56	2 20	18 25	1 6	6 10	1 11	20 38	0 43	15 50	0 30	9 21	0 12	15 40	5 12	5 16	5 34	7 42	7 6	6 28
T 16	20 44	5 53	2 57	18 18	1 58	20 5	2 18	18 13	1 6	6 11	1 12	20 39	0 43	15 51	0 30	9 20	0 12	15 40	5 12	5 14	5 32	7 44	7 4	6 28
F 17	20 33	1 31	1 51	17 49	1 53	20 14	2 17	18 0	1 6	6 12	1 12	20 40	0 43	15 51	0 31	9 19	0 12	15 40	5 12	5 12	5 31	7 46	7 3	6 28
S 18	20 21	2n56	0 39	17 19	1 47	20 23	2 15	17 47	1 6	6 13	1 12	20 41	0 42	15 52	0 31	9 19	0 12	15 41	5 12	5 12	5 30	7 47	7 2	6 28
S 19	20 9	7 13	0s36	16 49	1 40	20 31	2 14	17 34	1 6	6 13	1 12	20 42	0 42	15 52	0 31	9 18	0 12	15 41	5 12	5 11	5 29	7 49	7 1	6 27
M20	19 56	11 4	1 48	16 18	1 32	20 38	2 12	17 21	1 6	6 14	1 13	20 43	0 42	15 52	0 31	9 17	0 12	15 41	5 12	5 12	5 28	7 51	7 0	6 27
T 21	19 43	14 17	2 54	15 47	1 23	20 45	2 10	17 7	1 6	6 15	1 13	20 44	0 42	15 53	0 31	9 17	0 12	15 41	5 12	5 11	5 26	7 52	6 58	6 27
W22	19 30	16 39	3 49	15 16	1 14	20 52	2 8	16 53	1 6	6 15	1 13	20 45	0 42	15 53	0 31	9 16	0 12	15 42	5 12	5 10	5 25	7 54	6 57	6 27
T 23	19 16	18 1	4 30	14 46	1 3	20 57	2 6	16 40	1 6	6 16	1 13	20 45	0 42	15 54	0 31	9 15	0 12	15 42	5 12	5 7	5 24	7 55	6 56	6 27
F 24	19 2	18 19	4 55	14 16	0 51	21 3	2 4	16 26	1 6	6 16	1 14	20 46	0 42	15 54	0 31	9 15	0 12	15 42	5 12	5 4	5 23	7 57	6 54	6 26
S 25	18 47	17 32	5 2	13 47	0 39	21 7	2 2	16 11	1 6	6 17	1 14	20 47	0 42	15 54	0 31	9 14	0 12	15 43	5 12	5 0	5 21	7 59	6 53	6 26
S 26	18 32	15 48	4 53	13 19	0 25	21 12	2 0	15 57	1 6	6 17	1 14	20 48	0 42	15 55	0 31	9 13	0 12	15 43	5 12	4 55	5 20	8 0	6 52	6 26
M27	18 17	13 16	4 29	12 53	0 10	21 15	1 57	15 42	1 6	6 17	1 15	20 49	0 41	15 55	0 31	9 12	0 12	15 43	5 12	4 51	5 19	8 2	6 51	6 26
T 28	18 2	10 7	3 50	12 29	0n 6	21 18	1 55	15 28	1 6	6 17	1 15	20 50	0 41	15 56	0 31	9 12	0 12	15 43	5 11	4 47	5 18	8 4	6 49	6 26
W29	17 46	6 35	3 2	12 7	0 23	21 21	1 53	15 13	1 6	6 17	1 15	20 51	0 41	15 56	0 31	9 11	0 12	15 44	5 11	4 44	5 17	8 5	6 48	6 25
T 30	17 30	2 50	2 5	11 48	0 40	21 23	1 50	14 58	1 6	6 17	1 15	20 51	0 41	15 56	0 31	9 10	0 12	15 44	5 11	4 41	5 15	8 7	6 46	6 25
F 31	17s13	0s57	1s 4	11s32	0n58	21s24	1n48	14s42	1s 6	6s17	1n16	20n52	0s41	15s56	0n31	9s 9	0s12	15n44	5s11	4s40	5s14	8s 8	6s45	6n25

Julian Day Number = 3055291.5, Delta T = 02h28m42s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'49, Lahiri = 47°01'49

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

FEBRUARY 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 49 22	12♒22'13	11♎53	26°R34	4♉ 6	23♒58	19♎13	21°R18	15♏51	6♓45	25°R32	11°D54	13♎19	23♎24	25♒52	S 1
S 2	8 53 19	13°23'16	23°42	26♒ 7	5°18	24°45	19°R13	21♋14	15°52	6°48	25♋31	11♎55	13°16	23°30	25°57	S 2
M 3	8 57 15	14°24'20	5♏29	25°28	6°31	25°31	19°13	21° 9	15°53	6°50	25°29	11°56	13°13	23°37	26° 2	M 3
T 4	9 1 12	15°25'23	17°20	24°37	7°44	26°18	19°12	21° 5	15°54	6°52	25°28	11°R56	13°10	23°44	26° 6	T 4
W 5	9 5 8	16°26'27	29°21	23°37	8°56	27° 5	19°12	21° 1	15°55	6°54	25°27	11°55	13° 7	23°50	26°11	W 5
T 6	9 9 5	17°27'31	11♐36	22°29	10° 9	27°52	19°11	20°57	15°55	6°56	25°26	11°52	13° 4	23°57	26°16	T 6
F 7	9 13 1	18°28'35	24°11	21°15	11°22	28°39	19°10	20°53	15°56	6°58	25°25	11°46	13° 0	24° 3	26°21	F 7
S 8	9 16 58	19°29'39	7♑ 8	19°57	12°35	29°26	19° 9	20°49	15°57	7° 0	25°24	11°39	12°57	24°10	26°25	S 8
S 9	9 20 55	20°30'43	20°28	18°37	13°48	0♓13	19° 8	20°45	15°57	7° 3	25°23	11°30	12°54	24°17	26°30	S 9
M10	9 24 51	21°31'47	4♒13	17°19	15° 1	1° 0	19° 6	20°41	15°58	7° 5	25°22	11°21	12°51	24°23	26°35	M10
T 11	9 28 48	22°32'51	18°18	16° 5	16°14	1°47	19° 5	20°37	15°58	7° 7	25°21	11°13	12°48	24°30	26°40	T 11
W12	9 32 44	23°33'54	2♓39	14°56	17°27	2°34	19° 3	20°33	15°59	7° 9	25°20	11° 6	12°44	24°37	26°44	W12
T 13	9 36 41	24°34'56	17°10	13°54	18°41	3°21	19° 1	20°30	15°59	7°12	25°19	11° 2	12°41	24°43	26°49	T 13
F 14	9 40 37	25°35'58	1♈45	13° 0	19°54	4° 8	18°58	20°26	15°59	7°14	25°18	10°59	12°38	24°50	26°54	F 14
S 15	9 44 34	26°37'00	16°17	12°15	21° 7	4°55	18°56	20°22	15°59	7°16	25°17	10°D59	12°35	24°57	26°59	S 15
S 16	9 48 30	27°38'00	0♉42	11°39	22°20	5°43	18°53	20°19	15°59	7°18	25°16	11° 0	12°32	25° 3	27° 4	S 16
M17	9 52 27	28°39'00	14°58	11°12	23°34	6°30	18°51	20°16	16° 0	7°21	25°15	11° 1	12°29	25°10	27° 8	M17
T 18	9 56 24	29°39'59	29° 1	10°55	24°47	7°17	18°48	20°13	16°R 0	7°23	25°14	11°R 2	12°25	25°17	27°13	T 18
W19	10 0 20	0♓40'56	12♊52	10°46	26° 0	8° 4	18°44	20° 9	16° 0	7°25	25°13	11° 1	12°22	25°23	27°18	W19
T 20	10 4 17	1°41'53	26°30	10°D46	27°14	8°52	18°41	20° 6	16° 0	7°27	25°12	10°59	12°19	25°30	27°23	T 20
F 21	10 8 13	2°42'49	9♋55	10°53	28°27	9°39	18°37	20° 3	15°59	7°30	25°11	10°54	12°16	25°37	27°27	F 21
S 22	10 12 10	3°43'44	23° 8	11° 8	29°41	10°26	18°34	20° 0	15°59	7°32	25°10	10°49	12°13	25°43	27°32	S 22
S 23	10 16 6	4°44'38	6♌ 8	11°29	0♒54	11°13	18°30	19°58	15°59	7°34	25° 9	10°42	12°10	25°50	27°37	S 23
M24	10 20 3	5°45'31	18°55	11°56	2° 8	12° 1	18°26	19°55	15°59	7°36	25° 8	10°36	12° 6	25°56	27°42	M24
T 25	10 23 59	6°46'23	1♍30	12°29	3°22	12°48	18°22	19°52	15°58	7°39	25° 7	10°30	12° 3	26° 3	27°46	T 25
W26	10 27 56	7°47'14	13°52	13° 7	4°35	13°35	18°17	19°50	15°58	7°41	25° 6	10°26	12° 0	26°10	27°51	W26
T 27	10 31 53	8°48'05	26° 2	13°50	5°49	14°23	18°13	19°48	15°58	7°43	25° 6	10°23	11°57	26°16	27°56	T 27
F 28	10 35 49	9♓48'54	8♎ 2	14♒36	7♒ 3	15♓10	18♎ 8	19♋45	15♏57	7♓46	25♋ 5	10°D22	11♎54	26♎23	28♒ 1	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s56	4s39	0s 0	11s20	1n17	21s25	1n45	14s27	1s 6	6s17	1n16	20n53	0s41	15s57	0n31	9s 9	0s12	15n45	5s11	4s40	5s13	8s10	6s44	6n25
S 2	16 39	8 8	1n 3	11 12	1 36	21 25	1 42	14 12	1 6	6 17	1 16	20 54	0 41	15 57	0 31	9 8	0 12	15 45	5 11	4 40	5 12	8 12	6 42	6 25
M 3	16 22	11 18	2 3	11 7	1 54	21 24	1 40	13 56	1 6	6 17	1 16	20 55	0 41	15 57	0 31	9 7	0 12	15 45	5 11	4 40	5 10	8 13	6 41	6 25
T 4	16 4	14 0	2 59	11 7	2 12	21 23	1 37	13 40	1 6	6 16	1 17	20 55	0 40	15 57	0 31	9 6	0 12	15 45	5 11	4 41	5 9	8 15	6 39	6 25
W 5	15 46	16 8	3 47	11 11	2 29	21 22	1 34	13 24	1 6	6 16	1 17	20 56	0 40	15 58	0 31	9 5	0 12	15 46	5 11	4 40	5 8	8 17	6 38	6 25
T 6	15 28	17 35	4 26	11 18	2 44	21 19	1 31	13 8	1 6	6 15	1 17	20 57	0 40	15 58	0 31	9 5	0 12	15 46	5 11	4 39	5 7	8 18	6 37	6 24
F 7	15 9	18 13	4 53	11 29	2 57	21 16	1 29	12 52	1 5	6 15	1 17	20 58	0 40	15 58	0 31	9 4	0 12	15 46	5 11	4 37	5 5	8 20	6 35	6 24
S 8	14 50	17 56	5 6	11 43	3 8	21 13	1 26	12 35	1 5	6 14	1 18	20 58	0 40	15 58	0 31	9 3	0 12	15 47	5 10	4 34	5 4	8 21	6 34	6 24
S 9	14 31	16 41	5 3	11 59	3 17	21 9	1 23	12 19	1 5	6 13	1 18	20 59	0 40	15 58	0 31	9 2	0 12	15 47	5 10	4 31	5 3	8 23	6 32	6 24
M10	14 12	14 26	4 43	12 17	3 23	21 4	1 20	12 2	1 5	6 12	1 18	21 0	0 40	15 58	0 31	9 1	0 12	15 47	5 10	4 27	5 2	8 25	6 31	6 24
T 11	13 52	11 18	4 6	12 35	3 26	20 59	1 17	11 46	1 5	6 12	1 18	21 1	0 39	15 58	0 31	9 1	0 12	15 47	5 10	4 24	5 1	8 26	6 29	6 24
W12	13 33	7 27	3 12	12 54	3 27	20 53	1 14	11 29	1 5	6 11	1 19	21 1	0 39	15 59	0 31	9 0	0 12	15 48	5 10	4 21	4 59	8 28	6 28	6 24
T 13	13 13	3 6	2 5	13 13	3 26	20 46	1 11	11 12	1 5	6 10	1 19	21 2	0 39	15 59	0 31	8 59	0 12	15 48	5 10	4 20	4 58	8 29	6 26	6 24
F 14	12 52	1n27	0 50	13 31	3 23	20 39	1 8	10 55	1 5	6 9	1 19	21 3	0 39	15 59	0 31	8 58	0 12	15 48	5 10	4 19	4 57	8 31	6 25	6 24
S 15	12 32	5 54	0s29	13 49	3 17	20 31	1 5	10 37	1 5	6 7	1 19	21 3	0 39	15 59	0 31	8 57	0 12	15 49	5 10	4 19	4 56	8 33	6 23	6 24
S 16	12 11	9 58	1 45	14 5	3 10	20 23	1 2	10 20	1 4	6 6	1 20	21 4	0 39	15 59	0 31	8 57	0 12	15 49	5 10	4 19	4 54	8 34	6 22	6 24
M17	11 50	13 24	2 54	14 20	3 2	20 14	0 58	10 3	1 4	6 5	1 20	21 5	0 39	15 59	0 31	8 56	0 12	15 49	5 9	4 19	4 53	8 36	6 20	6 24
T 18	11 29	16 0	3 51	14 33	2 53	20 4	0 55	9 45	1 4	6 4	1 20	21 5	0 38	15 59	0 31	8 55	0 12	15 50	5 9	4 20	4 52	8 37	6 18	6 24
W19	11 8	17 36	4 34	14 45	2 43	19 54	0 52	9 27	1 4	6 2	1 20	21 6	0 38	15 59	0 31	8 54	0 12	15 50	5 9	4 19	4 51	8 39	6 17	6 24
T 20	10 47	18 10	5 1	14 56	2 33	19 44	0 49	9 10	1 4	6 1	1 21	21 6	0 38	15 59	0 31	8 53	0 12	15 50	5 9	4 18	4 50	8 41	6 15	6 24
F 21	10 25	17 42	5 11	15 4	2 22	19 32	0 46	8 52	1 4	5 59	1 21	21 7	0 38	15 59	0 31	8 52	0 12	15 50	5 9	4 17	4 48	8 42	6 14	6 24
S 22	10 3	16 16	5 4	15 11	2 10	19 20	0 43	8 34	1 3	5 58	1 21	21 7	0 38	15 59	0 31	8 52	0 12	15 51	5 9	4 15	4 47	8 44	6 12	6 24
S 23	9 41	14 2	4 41	15 17	1 59	19 8	0 39	8 16	1 3	5 56	1 21	21 8	0 38	15 58	0 31	8 51	0 12	15 51	5 9	4 12	4 46	8 45	6 11	6 24
M24	9 19	11 8	4 5	15 20	1 47	18 55	0 36	7 58	1 3	5 54	1 21	21 9	0 38	15 58	0 31	8 50	0 12	15 51	5 9	4 10	4 45	8 47	6 9	6 24
T 25	8 57	7 47	3 17	15 23	1 35	18 42	0 33	7 40	1 3	5 52	1 22	21 9	0 37	15 58	0 31	8 49	0 12	15 51	5 8	4 7	4 43	8 49	6 7	6 24
W26	8 34	4 8	2 20	15 23	1 24	18 28	0 30	7 22	1 3	5 51	1 22	21 10	0 37	15 58	0 31	8 48	0 12	15 52	5 8	4 6	4 42	8 50	6 6	6 24
T 27	8 12	0 22	1 18	15 22	1 13	18 13	0 27	7 3	1 2	5 49	1 22	21 10	0 37	15 58	0 31	8 47	0 12	15 52	5 8	4 5	4 41	8 52	6 4	6 24
F 28	7s49	3s21	0s13	15s20	1n 1	17s58	0n24	6s45	1s 2	5s47	1n22	21n11	0s37	15s58	0n31	8s47	0s12	15n52	5s 8	4s 4	4s40	8s53	6s 3	6n24

Julian Day Number = 3055322.5, Delta T = 02h28m43s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'53, Lahiri = 47°01'54

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

MARCH 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 39 46	10♓49'42	19♎55	15♒27	8♒16	15♓58	18°R 3	19°R43	15°R56	7♓48	25°R 4	10♎22	11♎50	26♎30	28♒ 5	S 1
S 2	10 43 42	11°50'30	1♏43	16°21	9°30	16°45	17♎58	19♋41	15♏56	7°50	25♋ 3	10°24	11°47	26°36	28°10	S 2
M 3	10 47 39	12°51'17	13°31	17°18	10°44	17°32	17°53	19°39	15°55	7°52	25° 2	10°26	11°44	26°43	28°15	M 3
T 4	10 51 35	13°52'03	25°22	18°18	11°58	18°20	17°48	19°37	15°54	7°55	25° 2	10°28	11°41	26°50	28°19	T 4
W 5	10 55 32	14°52'48	7♐21	19°20	13°11	19° 7	17°42	19°35	15°54	7°57	25° 1	10°29	11°38	26°56	28°24	W 5
T 6	10 59 28	15°53'33	19°34	20°25	14°25	19°55	17°36	19°34	15°53	7°59	25° 0	10°R29	11°35	27° 3	28°29	T 6
F 7	11 3 25	16°54'17	2♑ 5	21°33	15°39	20°42	17°31	19°32	15°52	8° 1	25° 0	10°28	11°31	27°10	28°33	F 7
S 8	11 7 22	17°54'59	14°59	22°42	16°53	21°30	17°25	19°31	15°51	8° 4	24°59	10°26	11°28	27°16	28°38	S 8
S 9	11 11 18	18°55'41	28°18	23°54	18° 7	22°17	17°19	19°29	15°50	8° 6	24°58	10°23	11°25	27°23	28°42	S 9
M10	11 15 15	19°56'22	12♒ 3	25° 7	19°21	23° 4	17°13	19°28	15°49	8° 8	24°58	10°20	11°22	27°30	28°47	M10
T 11	11 19 11	20°57'01	26°15	26°22	20°35	23°52	17° 6	19°27	15°48	8°10	24°57	10°17	11°19	27°36	28°51	T 11
W12	11 23 8	21°57'40	10♓48	27°38	21°49	24°39	17° 0	19°26	15°47	8°13	24°56	10°15	11°15	27°43	28°56	W12
T 13	11 27 4	22°58'17	25°38	28°56	23° 3	25°27	16°53	19°25	15°46	8°15	24°56	10°14	11°12	27°49	29° 0	T 13
F 14	11 31 1	23°58'53	10♈36	0♓16	24°17	26°14	16°47	19°24	15°44	8°17	24°55	10°D13	11° 9	27°56	29° 5	F 14
S 15	11 34 57	24°59'27	25°35	1°36	25°31	27° 2	16°40	19°24	15°43	8°19	24°55	10°14	11° 6	28° 3	29° 9	S 15
S 16	11 38 54	26° 0'00	10♉25	2°58	26°45	27°49	16°33	19°23	15°42	8°21	24°54	10°15	11° 3	28° 9	29°14	S 16
M17	11 42 50	27° 0'31	25° 1	4°22	27°59	28°37	16°26	19°23	15°40	8°24	24°54	10°16	11° 0	28°16	29°18	M17
T 18	11 46 47	28° 1'01	9♊19	5°46	29°13	29°24	16°19	19°22	15°39	8°26	24°53	10°17	10°56	28°23	29°22	T 18
W19	11 50 44	29° 1'29	23°16	7°12	0♓27	0♈12	16°12	19°22	15°37	8°28	24°53	10°R17	10°53	28°29	29°27	W19
T 20	11 54 40	0♈ 1'55	6♋52	8°39	1°41	0°59	16° 5	19°22	15°36	8°30	24°52	10°17	10°50	28°36	29°31	T 20
F 21	11 58 37	1° 2'19	20° 9	10° 7	2°55	1°47	15°57	19°D22	15°34	8°32	24°52	10°17	10°47	28°43	29°35	F 21
S 22	12 2 33	2° 2'41	3♌ 7	11°36	4° 9	2°34	15°50	19°22	15°33	8°34	24°52	10°16	10°44	28°49	29°39	S 22
S 23	12 6 30	3° 3'02	15°49	13° 6	5°23	3°22	15°43	19°22	15°31	8°37	24°51	10°15	10°41	28°56	29°44	S 23
M24	12 10 26	4° 3'21	28°17	14°37	6°37	4° 9	15°35	19°23	15°29	8°39	24°51	10°14	10°37	29° 3	29°48	M24
T 25	12 14 23	5° 3'37	10♍33	16° 9	7°51	4°57	15°27	19°23	15°28	8°41	24°51	10°13	10°34	29° 9	29°52	T 25
W26	12 18 19	6° 3'53	22°40	17°42	9° 5	5°44	15°20	19°24	15°26	8°43	24°50	10°13	10°31	29°16	29°56	W26
T 27	12 22 16	7° 4'06	4♎39	19°17	10°20	6°32	15°12	19°24	15°24	8°45	24°50	10°D12	10°28	29°23	29°59	T 27
F 28	12 26 13	8° 4'18	16°33	20°52	11°34	7°19	15° 5	19°25	15°22	8°47	24°50	10°12	10°25	29°29	0♓ 4	F 28
S 29	12 30 9	9° 4'28	28°22	22°28	12°48	8° 6	14°57	19°26	15°20	8°49	24°50	10°13	10°21	29°36	0° 8	S 29
S 30	12 34 6	10° 4'37	10♏11	24° 6	14° 2	8°54	14°49	19°27	15°18	8°51	24°49	10°R13	10°18	29°43	0°12	S 30
M31	12 38 2	11♈ 4'44	22♏ 0	25♓44	15♓16	9♈41	14♎41	19♋28	15♏17	8♓53	24♋49	10♎13	10♎15	29♎49	0♓16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s26	6s55	0n52	15s16	0n50	17s42	0n20	6s26	1s 2	5s45	1n23	21n11	0s37	15s58	0n31	8s46	0s12	15n53	5s 8	4s 4	4s38	8s55	6s 1	6n24
S 2	7 4	10 10	1 55	15 10	0 39	17 26	0 17	6 8	1 2	5 43	1 23	21 11	0 37	15 57	0 31	8 45	0 13	15 53	5 8	4 5	4 37	8 56	5 59	6 24
M 3	6 41	13 1	2 52	15 3	0 29	17 10	0 14	5 49	1 1	5 40	1 23	21 12	0 36	15 57	0 31	8 44	0 13	15 53	5 8	4 6	4 36	8 58	5 58	6 24
T 4	6 17	15 19	3 43	14 55	0 19	16 52	0 11	5 31	1 1	5 38	1 23	21 12	0 36	15 57	0 31	8 43	0 13	15 53	5 7	4 6	4 35	9 0	5 56	6 24
W 5	5 54	17 0	4 24	14 45	0 9	16 35	0 8	5 12	1 1	5 36	1 23	21 13	0 36	15 57	0 31	8 42	0 13	15 54	5 7	4 7	4 34	9 1	5 54	6 24
T 6	5 31	17 55	4 55	14 34	0s 1	16 17	0 5	4 53	1 1	5 34	1 24	21 13	0 36	15 57	0 31	8 42	0 13	15 54	5 7	4 7	4 32	9 3	5 53	6 24
F 7	5 8	18 0	5 12	14 22	0 11	15 58	0 2	4 35	1 0	5 31	1 24	21 14	0 36	15 56	0 31	8 41	0 13	15 54	5 7	4 6	4 31	9 4	5 51	6 24
S 8	4 44	17 11	5 14	14 8	0 20	15 39	0s 1	4 16	1 0	5 29	1 24	21 14	0 36	15 56	0 32	8 40	0 13	15 54	5 7	4 6	4 30	9 6	5 50	6 24
S 9	4 21	15 25	5 0	13 53	0 29	15 20	0 4	3 57	1 0	5 26	1 24	21 14	0 36	15 56	0 32	8 39	0 13	15 55	5 7	4 5	4 29	9 7	5 48	6 24
M10	3 57	12 43	4 29	13 37	0 37	15 0	0 7	3 38	0 59	5 24	1 24	21 15	0 35	15 55	0 32	8 38	0 13	15 55	5 7	4 3	4 27	9 9	5 46	6 24
T 11	3 33	9 12	3 40	13 20	0 45	14 40	0 10	3 19	0 59	5 21	1 24	21 15	0 35	15 55	0 32	8 38	0 13	15 55	5 6	4 2	4 26	9 10	5 45	6 24
W12	3 10	5 3	2 36	13 1	0 53	14 19	0 13	3 0	0 59	5 19	1 25	21 15	0 35	15 55	0 32	8 37	0 13	15 55	5 6	4 1	4 25	9 12	5 43	6 25
T 13	2 46	0 30	1 20	12 41	1 1	13 58	0 16	2 41	0 59	5 16	1 25	21 15	0 35	15 54	0 32	8 36	0 13	15 56	5 6	4 1	4 24	9 14	5 41	6 25
F 14	2 22	4n 8	0s 2	12 20	1 8	13 36	0 19	2 22	0 58	5 14	1 25	21 16	0 35	15 54	0 32	8 35	0 13	15 56	5 6	4 1	4 22	9 15	5 40	6 25
S 15	1 58	8 30	1 24	11 58	1 15	13 15	0 22	2 3	0 58	5 11	1 25	21 16	0 35	15 54	0 32	8 34	0 13	15 56	5 6	4 1	4 21	9 17	5 38	6 25
S 16	1 35	12 17	2 40	11 35	1 21	12 52	0 24	1 44	0 58	5 8	1 25	21 16	0 34	15 53	0 32	8 34	0 13	15 56	5 6	4 1	4 20	9 18	5 37	6 25
M17	1 11	15 14	3 44	11 11	1 27	12 30	0 27	1 25	0 57	5 5	1 25	21 16	0 34	15 53	0 32	8 33	0 13	15 57	5 6	4 2	4 19	9 20	5 35	6 25
T 18	0 47	17 10	4 32	10 46	1 33	12 7	0 30	1 6	0 57	5 3	1 25	21 17	0 34	15 52	0 32	8 32	0 13	15 57	5 5	4 2	4 18	9 21	5 33	6 25
W19	0 23	18 0	5 4	10 19	1 39	11 43	0 33	0 47	0 57	5 0	1 26	21 17	0 34	15 52	0 32	8 31	0 13	15 57	5 5	4 2	4 16	9 23	5 32	6 26
T 20	0n 1	17 46	5 17	9 52	1 44	11 20	0 35	0 28	0 56	4 57	1 26	21 17	0 34	15 51	0 32	8 30	0 13	15 57	5 5	4 2	4 15	9 24	5 30	6 26
F 21	0 25	16 34	5 13	9 23	1 49	10 56	0 38	0 9	0 56	4 54	1 26	21 17	0 34	15 51	0 32	8 30	0 13	15 58	5 5	4 2	4 14	9 26	5 29	6 26
S 22	0 48	14 32	4 53	8 54	1 53	10 32	0 40	0n10	0 55	4 51	1 26	21 17	0 33	15 51	0 32	8 29	0 13	15 58	5 5	4 2	4 13	9 28	5 27	6 26
S 23	1 12	11 50	4 19	8 23	1 57	10 7	0 43	0 29	0 55	4 48	1 26	21 17	0 33	15 50	0 32	8 28	0 13	15 58	5 5	4 1	4 11	9 29	5 25	6 26
M24	1 36	8 38	3 33	7 52	2 1	9 42	0 45	0 48	0 55	4 45	1 26	21 17	0 33	15 50	0 32	8 27	0 13	15 58	5 4	4 1	4 10	9 31	5 24	6 26
T 25	2 0	5 6	2 38	7 19	2 4	9 17	0 48	1 7	0 54	4 42	1 26	21 18	0 33	15 49	0 32	8 26	0 13	15 58	5 4	4 1	4 9	9 32	5 22	6 27
W26	2 23	1 25	1 36	6 46	2 7	8 52	0 50	1 26	0 54	4 39	1 26	21 18	0 33	15 49	0 32	8 26	0 13	15 59	5 4	4 1	4 8	9 34	5 21	6 27
T 27	2 47	2s18	0 31	6 12	2 9	8 26	0 52	1 45	0 53	4 36	1 26	21 18	0 33	15 48	0 32	8 25	0 13	15 59	5 4	4 0	4 6	9 35	5 19	6 27
F 28	3 10	5 54	0n35	5 36	2 11	8 0	0 54	2 4	0 53	4 33	1 26	21 18	0 33	15 47	0 32	8 24	0 13	15 59	5 4	4 0	4 5	9 37	5 18	6 27
S 29	3 34	9 15	1 39	5 0	2 13	7 34	0 57	2 23	0 53	4 30	1 27	21 18	0 32	15 47	0 32	8 23	0 13	15 59	5 4	4 0	4 4	9 38	5 16	6 27
S 30	3 57	12 13	2 39	4 23	2 14	7 8	0 59	2 42	0 52	4 27	1 27	21 18	0 32	15 46	0 32	8 23	0 13	16 0	5 3	4 0	4 3	9 40	5 14	6 28
M31	4n21	14s41	3n32	3s45	2s15	6s41	1s 1	3n 1	0s52	4s24	1n27	21n18	0s32	15s46	0n32	8s22	0s13	16n 0	5s 3	4s 0	4s 1	9s41	5s13	6n28

Julian Day Number = 3055350.5, Delta T = 02h28m44s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°54'57, Lahiri = 47°01'58

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

APRIL 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 41 59	12♈ 4'49	3♐53	27♓24	16♓30	10♈29	14°R33	19♋29	15°R15	8♓55	24°R49	10°R12	10♎12	29♎56	0♓20	T 1
W 2	12 45 55	13° 4'53	15°54	29° 5	17°44	11°16	14♎26	19°31	15♏12	8°57	24♋49	10♎12	10° 9	0♏ 3	0°23	W 2
T 3	12 49 52	14° 4'56	28° 7	0♈47	18°59	12° 3	14°18	19°32	15°10	8°59	24°49	10°12	10° 6	0° 9	0°27	T 3
F 4	12 53 48	15° 4'57	10♑35	2°30	20°13	12°51	14°10	19°34	15° 8	9° 1	24°49	10°D12	10° 2	0°16	0°31	F 4
S 5	12 57 45	16° 4'56	23°23	4°14	21°27	13°38	14° 2	19°35	15° 6	9° 3	24°49	10°12	9°59	0°22	0°35	S 5
S 6	13 1 41	17° 4'54	6♒34	5°59	22°41	14°25	13°54	19°37	15° 4	9° 5	24°49	10°12	9°56	0°29	0°38	S 6
M 7	13 5 38	18° 4'51	20°11	7°45	23°55	15°13	13°47	19°39	15° 2	9° 7	24°D49	10°13	9°53	0°36	0°42	M 7
T 8	13 9 35	19° 4'46	4♓15	9°33	25°10	16° 0	13°39	19°41	15° 0	9° 8	24°49	10°13	9°50	0°42	0°45	T 8
W 9	13 13 31	20° 4'39	18°44	11°22	26°24	16°47	13°31	19°43	14°57	9°10	24°49	10°14	9°46	0°49	0°49	W 9
T 10	13 17 28	21° 4'30	3♈36	13°12	27°38	17°34	13°23	19°45	14°55	9°12	24°49	10°R15	9°43	0°56	0°52	T 10
F 11	13 21 24	22° 4'20	18°42	15° 3	28°52	18°22	13°16	19°47	14°53	9°14	24°49	10°15	9°40	1° 2	0°56	F 11
S 12	13 25 21	23° 4'08	3♉55	16°55	0♈ 6	19° 9	13° 8	19°50	14°51	9°16	24°49	10°14	9°37	1° 9	0°59	S 12
S 13	13 29 17	24° 3'54	19° 5	18°48	1°21	19°56	13° 0	19°52	14°48	9°17	24°49	10°13	9°34	1°16	1° 3	S 13
M14	13 33 14	25° 3'38	4♊ 1	20°43	2°35	20°43	12°53	19°55	14°46	9°19	24°49	10°11	9°31	1°22	1° 6	M14
T 15	13 37 10	26° 3'20	18°38	22°39	3°49	21°30	12°45	19°58	14°43	9°21	24°49	10° 9	9°27	1°29	1° 9	T 15
W16	13 41 7	27° 3'00	2♋49	24°36	5° 3	22°17	12°38	20° 1	14°41	9°23	24°49	10° 7	9°24	1°36	1°12	W16
T 17	13 45 4	28° 2'37	16°33	26°34	6°17	23° 4	12°31	20° 3	14°39	9°24	24°50	10° 6	9°21	1°42	1°15	T 17
F 18	13 49 0	29° 2'12	29°52	28°33	7°31	23°52	12°23	20° 6	14°36	9°26	24°50	10°D 6	9°18	1°49	1°18	F 18
S 19	13 52 57	0♉ 1'46	12♌46	0♉33	8°46	24°39	12°16	20°10	14°34	9°27	24°50	10° 6	9°15	1°56	1°21	S 19
S 20	13 56 53	1° 1'16	25°20	2°34	10° 0	25°26	12° 9	20°13	14°31	9°29	24°50	10° 7	9°12	2° 2	1°24	S 20
M21	14 0 50	2° 0'45	7♍38	4°35	11°14	26°13	12° 2	20°16	14°29	9°31	24°51	10° 9	9° 8	2° 9	1°27	M21
T 22	14 4 46	3° 0'11	19°43	6°38	12°28	26°59	11°55	20°20	14°26	9°32	24°51	10°10	9° 5	2°16	1°30	T 22
W23	14 8 43	3°59'36	1♎40	8°40	13°42	27°46	11°48	20°23	14°24	9°34	24°51	10°12	9° 2	2°22	1°33	W23
T 24	14 12 39	4°58'58	13°31	10°43	14°56	28°33	11°42	20°27	14°21	9°35	24°52	10°R12	8°59	2°29	1°36	T 24
F 25	14 16 36	5°58'18	25°19	12°46	16°10	29°20	11°35	20°30	14°19	9°37	24°52	10°11	8°56	2°36	1°38	F 25
S 26	14 20 33	6°57'36	7♏ 8	14°48	17°25	0♉ 7	11°29	20°34	14°16	9°38	24°53	10° 8	8°52	2°42	1°41	S 26
S 27	14 24 29	7°56'52	18°58	16°50	18°39	0°54	11°22	20°38	14°13	9°40	24°53	10° 5	8°49	2°49	1°44	S 27
M28	14 28 26	8°56'07	0♐52	18°51	19°53	1°41	11°16	20°42	14°11	9°41	24°54	10° 0	8°46	2°56	1°46	M28
T 29	14 32 22	9°55'19	12°52	20°51	21° 7	2°27	11°10	20°46	14° 8	9°42	24°54	9°55	8°43	3° 2	1°49	T 29
W30	14 36 19	10♉54'30	24♐59	22♉49	22♈21	3♉14	11♎ 4	20♋50	14♏ 6	9♓44	24♋54	9♎50	8♎40	3♏ 9	1♓51	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n44	16s32	4n16	3s 6	2s16	6s15	1s 3	3n19	0s51	4s21	1n27	21n18	0s32	15s45	0n32	8s21	0s13	16n 0	5s 3	4s 0	4s 0	9s43	5s11	6n28
W 2	5 7	17 41	4 50	2 26	2 16	5 48	1 5	3 38	0 51	4 18	1 27	21 18	0 32	15 45	0 32	8 21	0 13	16 0	5 3	4 0	3 59	9 44	5 10	6 28
T 3	5 30	18 2	5 11	1 46	2 15	5 21	1 7	3 57	0 51	4 15	1 27	21 18	0 32	15 44	0 32	8 20	0 13	16 0	5 3	4 0	3 58	9 46	5 8	6 29
F 4	5 53	17 31	5 18	1 5	2 14	4 54	1 8	4 16	0 50	4 12	1 27	21 18	0 31	15 43	0 32	8 19	0 13	16 0	5 3	4 0	3 57	9 47	5 7	6 29
S 5	6 16	16 8	5 10	0 22	2 13	4 26	1 10	4 34	0 50	4 9	1 27	21 18	0 31	15 43	0 32	8 18	0 13	16 1	5 2	4 0	3 55	9 49	5 5	6 29
S 6	6 39	13 52	4 45	0n21	2 11	3 59	1 12	4 53	0 49	4 6	1 27	21 17	0 31	15 42	0 32	8 18	0 13	16 1	5 2	4 0	3 54	9 50	5 4	6 29
M 7	7 2	10 46	4 4	1 4	2 9	3 31	1 14	5 11	0 49	4 3	1 27	21 17	0 31	15 41	0 32	8 17	0 13	16 1	5 2	4 0	3 53	9 52	5 2	6 30
T 8	7 24	6 57	3 7	1 49	2 6	3 4	1 15	5 30	0 48	4 0	1 27	21 17	0 31	15 41	0 32	8 16	0 13	16 1	5 2	4 1	3 52	9 53	5 1	6 30
W 9	7 47	2 37	1 57	2 34	2 3	2 36	1 17	5 48	0 48	3 57	1 27	21 17	0 31	15 40	0 32	8 16	0 13	16 1	5 2	4 1	3 50	9 55	4 59	6 30
T 10	8 9	1n59	0 37	3 19	2 0	2 8	1 18	6 6	0 47	3 54	1 27	21 17	0 31	15 40	0 32	8 15	0 13	16 1	5 2	4 1	3 49	9 57	4 58	6 30
F 11	8 31	6 33	0s47	4 6	1 55	1 40	1 19	6 25	0 47	3 51	1 27	21 17	0 30	15 39	0 32	8 14	0 13	16 2	5 1	4 1	3 48	9 58	4 56	6 31
S 12	8 53	10 42	2 8	4 53	1 51	1 12	1 21	6 43	0 46	3 48	1 27	21 16	0 30	15 38	0 32	8 14	0 13	16 2	5 1	4 1	3 47	10 0	4 55	6 31
S 13	9 15	14 8	3 19	5 40	1 46	0 44	1 22	7 1	0 46	3 45	1 27	21 16	0 30	15 37	0 32	8 13	0 13	16 2	5 1	4 0	3 45	10 1	4 54	6 31
M14	9 37	16 34	4 16	6 28	1 40	0 15	1 23	7 19	0 45	3 43	1 27	21 16	0 30	15 37	0 32	8 12	0 13	16 2	5 1	4 0	3 44	10 3	4 52	6 32
T 15	9 58	17 51	4 55	7 17	1 34	0n13	1 24	7 37	0 45	3 40	1 27	21 16	0 30	15 36	0 32	8 12	0 13	16 2	5 1	3 59	3 43	10 4	4 51	6 32
W16	10 20	17 58	5 14	8 6	1 27	0 41	1 25	7 55	0 44	3 37	1 27	21 15	0 30	15 35	0 32	8 11	0 13	16 2	5 1	3 58	3 42	10 6	4 49	6 32
T 17	10 41	17 0	5 15	8 55	1 20	1 9	1 26	8 13	0 44	3 34	1 27	21 15	0 30	15 35	0 32	8 11	0 13	16 2	5 0	3 58	3 40	10 7	4 48	6 33
F 18	11 2	15 8	4 58	9 44	1 12	1 37	1 27	8 30	0 43	3 31	1 27	21 15	0 29	15 34	0 32	8 10	0 13	16 3	5 0	3 58	3 39	10 9	4 47	6 33
S 19	11 23	12 33	4 27	10 33	1 4	2 6	1 28	8 48	0 43	3 29	1 26	21 15	0 29	15 33	0 32	8 9	0 13	16 3	5 0	3 58	3 38	10 10	4 45	6 33
S 20	11 44	9 27	3 43	11 23	0 56	2 34	1 29	9 5	0 42	3 26	1 26	21 14	0 29	15 33	0 32	8 9	0 13	16 3	5 0	3 58	3 37	10 12	4 44	6 34
M21	12 4	5 59	2 50	12 12	0 47	3 2	1 29	9 23	0 42	3 23	1 26	21 14	0 29	15 32	0 32	8 8	0 13	16 3	5 0	3 59	3 35	10 13	4 43	6 34
T 22	12 24	2 20	1 51	13 1	0 37	3 30	1 30	9 40	0 41	3 21	1 26	21 14	0 29	15 31	0 32	8 8	0 13	16 3	5 0	4 0	3 34	10 15	4 41	6 34
W23	12 44	1s22	0 47	13 50	0 27	3 58	1 31	9 57	0 41	3 18	1 26	21 13	0 29	15 30	0 32	8 7	0 13	16 3	4 59	4 0	3 33	10 16	4 40	6 35
T 24	13 4	5 0	0n18	14 38	0 17	4 26	1 31	10 14	0 40	3 16	1 26	21 13	0 29	15 30	0 32	8 7	0 13	16 3	4 59	4 0	3 32	10 17	4 39	6 35
F 25	13 24	8 26	1 22	15 26	0 6	4 54	1 32	10 31	0 40	3 13	1 26	21 12	0 28	15 29	0 32	8 6	0 13	16 3	4 59	4 0	3 30	10 19	4 38	6 35
S 26	13 43	11 31	2 23	16 12	0n 4	5 22	1 32	10 48	0 39	3 11	1 26	21 12	0 28	15 28	0 32	8 6	0 13	16 3	4 59	3 59	3 29	10 20	4 36	6 36
S 27	14 2	14 8	3 17	16 58	0 15	5 49	1 32	11 5	0 38	3 8	1 26	21 12	0 28	15 27	0 32	8 5	0 13	16 3	4 59	3 57	3 28	10 22	4 35	6 36
M28	14 21	16 11	4 3	17 42	0 27	6 17	1 32	11 21	0 38	3 6	1 26	21 11	0 28	15 27	0 32	8 4	0 13	16 4	4 59	3 56	3 27	10 23	4 34	6 36
T 29	14 40	17 32	4 39	18 25	0 38	6 44	1 32	11 38	0 37	3 4	1 26	21 11	0 28	15 26	0 32	8 4	0 13	16 4	4 58	3 54	3 26	10 25	4 33	6 37
W30	14n58	18s 6	5n 2	19n 6	0n49	7n11	1s33	11n54	0s37	3s 2	1n25	21n10	0s28	15s25	0n32	8s 4	0s13	16n 4	4s58	3s51	3s24	10s26	4s31	6n37

Julian Day Number = 3055381.5, Delta T = 02h28m45s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'01, Lahiri = 47°02'02

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

MAY 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 40 15	11♉53'39	7♋17	24♉46	23♈35	4♉ 1	10°R58	20♋54	14°R 3	9♓45	24♋55	9°R45	8♎37	3♏15	1♓53	T 1
F 2	14 44 12	12°52'46	19°48	26°40	24°49	4°47	10♎52	20°59	14♏ 1	9°46	24°56	9♎41	8°33	3°22	1°56	F 2
S 3	14 48 8	13°51'52	2♒35	28°31	26° 3	5°34	10°46	21° 3	13°58	9°47	24°56	9°39	8°30	3°29	1°58	S 3
S 4	14 52 5	14°50'56	15°41	0♊19	27°18	6°20	10°41	21° 8	13°55	9°49	24°57	9°D38	8°27	3°35	2° 0	S 4
M 5	14 56 2	15°49'58	29° 8	2° 4	28°32	7° 7	10°36	21°12	13°53	9°50	24°57	9°39	8°24	3°42	2° 2	M 5
T 6	14 59 58	16°48'59	13♓ 0	3°45	29°46	7°54	10°31	21°17	13°50	9°51	24°58	9°40	8°21	3°49	2° 4	T 6
W 7	15 3 55	17°47'57	27°16	5°21	1♉ 0	8°40	10°25	21°22	13°48	9°52	24°59	9°42	8°18	3°55	2° 6	W 7
T 8	15 7 51	18°46'54	11♈55	6°54	2°14	9°26	10°21	21°26	13°45	9°53	24°59	9°R42	8°14	4° 2	2° 8	T 8
F 9	15 11 48	19°45'50	26°53	8°22	3°28	10°13	10°16	21°31	13°42	9°54	25° 0	9°41	8°11	4° 9	2°10	F 9
S 10	15 15 44	20°44'44	12♉ 2	9°45	4°42	10°59	10°11	21°36	13°40	9°55	25° 1	9°38	8° 8	4°15	2°12	S 10
S 11	15 19 41	21°43'35	27°14	11° 4	5°56	11°46	10° 7	21°41	13°37	9°56	25° 1	9°33	8° 5	4°22	2°14	S 11
M12	15 23 37	22°42'25	12♊18	12°17	7°10	12°32	10° 3	21°47	13°35	9°57	25° 2	9°27	8° 2	4°29	2°15	M12
T 13	15 27 34	23°41'14	27° 5	13°25	8°24	13°18	9°59	21°52	13°32	9°58	25° 3	9°20	7°58	4°35	2°17	T 13
W14	15 31 30	24°39'59	11♋28	14°27	9°38	14° 4	9°55	21°57	13°30	9°59	25° 4	9°14	7°55	4°42	2°18	W14
T 15	15 35 27	25°38'43	25°22	15°24	10°52	14°50	9°51	22° 2	13°27	10° 0	25° 5	9° 8	7°52	4°49	2°20	T 15
F 16	15 39 24	26°37'25	8♌48	16°15	12° 6	15°37	9°47	22° 8	13°25	10° 1	25° 5	9° 5	7°49	4°55	2°21	F 16
S 17	15 43 20	27°36'04	21°46	17° 1	13°20	16°23	9°44	22°13	13°22	10° 2	25° 6	9° 3	7°46	5° 2	2°23	S 17
S 18	15 47 17	28°34'42	4♍20	17°41	14°34	17° 9	9°41	22°19	13°20	10° 3	25° 7	9°D 3	7°43	5° 9	2°24	S 18
M19	15 51 13	29°33'17	16°35	18°15	15°48	17°55	9°38	22°25	13°17	10° 3	25° 8	9° 4	7°39	5°15	2°25	M19
T 20	15 55 10	0♊31'50	28°37	18°43	17° 2	18°41	9°35	22°30	13°15	10° 4	25° 9	9° 5	7°36	5°22	2°26	T 20
W21	15 59 6	1°30'21	10♎29	19° 6	18°16	19°27	9°32	22°36	13°12	10° 5	25°10	9°R 6	7°33	5°29	2°27	W21
T 22	16 3 3	2°28'50	22°17	19°22	19°30	20°12	9°30	22°42	13°10	10° 5	25°11	9° 5	7°30	5°35	2°28	T 22
F 23	16 6 59	3°27'17	4♏ 4	19°33	20°44	20°58	9°27	22°48	13° 8	10° 6	25°12	9° 2	7°27	5°42	2°29	F 23
S 24	16 10 56	4°25'42	15°54	19°R39	21°58	21°44	9°25	22°54	13° 5	10° 7	25°13	8°56	7°24	5°49	2°30	S 24
S 25	16 14 53	5°24'05	27°49	19°39	23°12	22°30	9°23	23° 0	13° 3	10° 7	25°14	8°48	7°20	5°55	2°31	S 25
M26	16 18 49	6°22'27	9♐51	19°33	24°26	23°15	9°21	23° 6	13° 1	10° 8	25°15	8°39	7°17	6° 2	2°32	M26
T 27	16 22 46	7°20'47	22° 1	19°22	25°40	24° 1	9°20	23°12	12°58	10° 8	25°16	8°28	7°14	6° 9	2°32	T 27
W28	16 26 42	8°19'05	4♋21	19° 7	26°54	24°47	9°18	23°18	12°56	10° 9	25°17	8°17	7°11	6°15	2°33	W28
T 29	16 30 39	9°17'21	16°52	18°47	28° 8	25°32	9°17	23°24	12°54	10° 9	25°18	8° 7	7° 8	6°22	2°33	T 29
F 30	16 34 35	10°15'37	29°33	18°24	29°22	26°18	9°16	23°31	12°52	10°10	25°19	7°58	7° 4	6°29	2°34	F 30
S 31	16 38 32	11♊13'50	12♒28	17♊56	0♊35	27♉ 3	9♎15	23♋37	12♏50	10♓10	25♋20	7♎53	7♎ 1	6♏35	2♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n16	17s50	5n12	19n46	1n 0	7n39	1s33	12n10	0s36	2s59	1n25	21n10	0s28	15s24	0n32	8s 3	0s13	16n 4	4s58	3s50	3s23	10s28	4s30	6n37
F 2	15 34	16 42	5 8	20 23	1 11	8 6	1 32	12 27	0 36	2 57	1 25	21 9	0 27	15 24	0 32	8 3	0 13	16 4	4 58	3 48	3 22	10 29	4 29	6 38
S 3	15 51	14 44	4 48	20 59	1 22	8 32	1 32	12 42	0 35	2 55	1 25	21 9	0 27	15 23	0 32	8 2	0 13	16 4	4 58	3 47	3 21	10 31	4 28	6 38
S 4	16 9	11 57	4 13	21 32	1 32	8 59	1 32	12 58	0 34	2 53	1 25	21 8	0 27	15 22	0 32	8 2	0 13	16 4	4 58	3 47	3 19	10 32	4 27	6 39
M 5	16 26	8 29	3 23	22 4	1 42	9 25	1 32	13 14	0 34	2 51	1 25	21 7	0 27	15 21	0 32	8 1	0 13	16 4	4 57	3 47	3 18	10 34	4 26	6 39
T 6	16 43	4 27	2 21	22 32	1 52	9 52	1 31	13 29	0 33	2 49	1 25	21 7	0 27	15 21	0 32	8 1	0 13	16 4	4 57	3 48	3 17	10 35	4 25	6 39
W 7	16 59	0 3	1 7	22 59	2 1	10 18	1 31	13 45	0 33	2 48	1 24	21 6	0 27	15 20	0 32	8 0	0 13	16 4	4 57	3 48	3 16	10 37	4 24	6 40
T 8	17 15	4n29	0s12	23 23	2 9	10 43	1 31	14 0	0 32	2 46	1 24	21 6	0 27	15 19	0 32	8 0	0 13	16 4	4 57	3 49	3 14	10 38	4 23	6 40
F 9	17 31	8 50	1 32	23 45	2 16	11 9	1 30	14 15	0 31	2 44	1 24	21 5	0 27	15 18	0 32	8 0	0 13	16 4	4 57	3 48	3 13	10 40	4 22	6 40
S 10	17 47	12 40	2 47	24 4	2 23	11 34	1 29	14 30	0 31	2 43	1 24	21 4	0 26	15 18	0 32	7 59	0 13	16 4	4 57	3 47	3 12	10 41	4 21	6 41
S 11	18 2	15 38	3 49	24 21	2 29	11 59	1 29	14 45	0 30	2 41	1 24	21 4	0 26	15 17	0 32	7 59	0 13	16 4	4 57	3 45	3 11	10 42	4 20	6 41
M12	18 17	17 31	4 36	24 36	2 34	12 24	1 28	14 59	0 30	2 40	1 24	21 3	0 26	15 16	0 32	7 59	0 13	16 4	4 56	3 43	3 9	10 44	4 19	6 42
T 13	18 32	18 9	5 2	24 49	2 38	12 48	1 27	15 14	0 29	2 38	1 24	21 2	0 26	15 15	0 32	7 58	0 14	16 4	4 56	3 40	3 8	10 45	4 18	6 42
W14	18 46	17 36	5 9	24 59	2 40	13 12	1 26	15 28	0 28	2 37	1 23	21 2	0 26	15 15	0 32	7 58	0 14	16 4	4 56	3 38	3 7	10 47	4 17	6 42
T 15	19 0	16 0	4 57	25 7	2 42	13 36	1 25	15 42	0 28	2 35	1 23	21 1	0 26	15 14	0 32	7 58	0 14	16 4	4 56	3 35	3 6	10 48	4 16	6 43
F 16	19 14	13 34	4 29	25 13	2 43	13 59	1 24	15 56	0 27	2 34	1 23	21 0	0 26	15 13	0 32	7 57	0 14	16 4	4 56	3 34	3 4	10 50	4 15	6 43
S 17	19 27	10 32	3 48	25 18	2 43	14 22	1 23	16 10	0 27	2 33	1 23	20 59	0 26	15 12	0 32	7 57	0 14	16 4	4 56	3 33	3 3	10 51	4 14	6 44
S 18	19 40	7 5	2 57	25 20	2 41	14 45	1 22	16 23	0 26	2 32	1 23	20 59	0 25	15 12	0 32	7 57	0 14	16 4	4 55	3 33	3 2	10 53	4 13	6 44
M19	19 52	3 25	1 59	25 20	2 38	15 8	1 21	16 37	0 25	2 31	1 22	20 58	0 25	15 11	0 32	7 56	0 14	16 4	4 55	3 34	3 1	10 54	4 13	6 45
T 20	20 5	0s19	0 56	25 19	2 34	15 30	1 20	16 50	0 25	2 30	1 22	20 57	0 25	15 10	0 32	7 56	0 14	16 4	4 55	3 34	2 59	10 56	4 12	6 45
W21	20 17	4 0	0n 7	25 15	2 29	15 51	1 19	17 3	0 24	2 29	1 22	20 56	0 25	15 10	0 32	7 56	0 14	16 4	4 55	3 34	2 58	10 57	4 11	6 45
T 22	20 28	7 30	1 10	25 10	2 22	16 12	1 17	17 16	0 23	2 28	1 22	20 55	0 25	15 9	0 32	7 56	0 14	16 4	4 55	3 34	2 57	10 58	4 10	6 46
F 23	20 39	10 43	2 10	25 3	2 15	16 33	1 16	17 28	0 23	2 28	1 22	20 55	0 25	15 8	0 32	7 55	0 14	16 4	4 55	3 33	2 56	11 0	4 10	6 46
S 24	20 50	13 30	3 4	24 55	2 6	16 54	1 15	17 41	0 22	2 27	1 21	20 54	0 25	15 8	0 32	7 55	0 14	16 4	4 55	3 31	2 54	11 1	4 9	6 47
S 25	21 1	15 45	3 51	24 44	1 55	17 14	1 13	17 53	0 21	2 26	1 21	20 53	0 25	15 7	0 32	7 55	0 14	16 4	4 55	3 28	2 53	11 3	4 8	6 47
M26	21 11	17 19	4 27	24 33	1 44	17 33	1 11	18 5	0 21	2 26	1 21	20 52	0 24	15 6	0 32	7 55	0 14	16 4	4 54	3 24	2 52	11 4	4 8	6 47
T 27	21 20	18 8	4 52	24 19	1 31	17 52	1 10	18 17	0 20	2 25	1 21	20 51	0 24	15 5	0 32	7 55	0 14	16 4	4 54	3 20	2 51	11 6	4 7	6 48
W28	21 30	18 6	5 3	24 4	1 18	18 11	1 8	18 29	0 19	2 25	1 21	20 50	0 24	15 5	0 31	7 55	0 14	16 4	4 54	3 15	2 49	11 7	4 6	6 48
T 29	21 39	17 12	5 1	23 48	1 3	18 29	1 7	18 40	0 19	2 25	1 20	20 49	0 24	15 4	0 31	7 54	0 14	16 4	4 54	3 11	2 48	11 8	4 6	6 49
F 30	21 47	15 26	4 43	23 31	0 48	18 47	1 5	18 51	0 18	2 25	1 20	20 48	0 24	15 4	0 31	7 54	0 14	16 4	4 54	3 8	2 47	11 10	4 5	6 49
S 31	21n55	12s53	4n11	23n12	0n31	19n 4	1s 3	19n 2	0s17	2s24	1n20	20n47	0s24	15s 3	0n31	7s54	0s14	16n 4	4s54	3s 6	2s46	11s11	4s 5	6n49

Julian Day Number = 3055411.5, Delta T = 02h28m46s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'06, Lahiri = 47°02'06

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

JUNE 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 42 29	12♊12'02	25♒37	17°R26	1♊49	27♉48	9°R15	23♋44	12°R47	10♓10	25♋21	7°R49	6♎58	6♏42	2♓35	S 1
M 2	16 46 25	13°10'13	9♓ 2	16♊53	3° 3	28°34	9♎14	23°50	12♏45	10°11	25°22	7°D48	6°55	6°49	2°35	M 2
T 3	16 50 22	14° 8'23	22°45	16°18	4°17	29°19	9°14	23°57	12°43	10°11	25°23	7♎48	6°52	6°55	2°35	T 3
W 4	16 54 18	15° 6'31	6♈48	15°43	5°31	0♊ 4	9°D14	24° 3	12°41	10°11	25°24	7°R48	6°49	7° 2	2°35	W 4
T 5	16 58 15	16° 4'38	21°10	15° 6	6°45	0°50	9°14	24°10	12°39	10°11	25°26	7°48	6°45	7° 9	2°R35	T 5
F 6	17 2 11	17° 2'43	5♉50	14°30	7°59	1°35	9°14	24°17	12°37	10°12	25°27	7°45	6°42	7°15	2°35	F 6
S 7	17 6 8	18° 0'47	20°42	13°54	9°13	2°20	9°14	24°23	12°35	10°12	25°28	7°40	6°39	7°22	2°35	S 7
S 8	17 10 4	18°58'50	5♊39	13°20	10°26	3° 5	9°15	24°30	12°33	10°12	25°29	7°32	6°36	7°29	2°35	S 8
M 9	17 14 1	19°56'52	20°34	12°48	11°40	3°50	9°16	24°37	12°31	10°12	25°30	7°22	6°33	7°35	2°35	M 9
T 10	17 17 58	20°54'52	5♋16	12°18	12°54	4°35	9°17	24°44	12°29	10°12	25°32	7°12	6°30	7°42	2°35	T 10
W11	17 21 54	21°52'51	19°39	11°51	14° 8	5°20	9°18	24°51	12°28	10°R12	25°33	7° 1	6°26	7°49	2°34	W11
T 12	17 25 51	22°50'48	3♌35	11°27	15°22	6° 5	9°19	24°58	12°26	10°12	25°34	6°52	6°23	7°55	2°34	T 12
F 13	17 29 47	23°48'43	17° 4	11° 7	16°36	6°50	9°21	25° 5	12°24	10°12	25°35	6°45	6°20	8° 2	2°33	F 13
S 14	17 33 44	24°46'37	0♍ 6	10°51	17°50	7°34	9°22	25°12	12°22	10°12	25°37	6°41	6°17	8° 9	2°33	S 14
S 15	17 37 40	25°44'29	12°43	10°38	19° 3	8°19	9°24	25°19	12°21	10°12	25°38	6°38	6°14	8°15	2°32	S 15
M16	17 41 37	26°42'19	25° 0	10°31	20°17	9° 4	9°26	25°26	12°19	10°11	25°39	6°D38	6°10	8°22	2°32	M16
T 17	17 45 33	27°40'08	7♎ 2	10°D27	21°31	9°48	9°28	25°33	12°18	10°11	25°41	6°R38	6° 7	8°29	2°31	T 17
W18	17 49 30	28°37'55	18°55	10°28	22°45	10°33	9°31	25°40	12°16	10°11	25°42	6°37	6° 4	8°35	2°30	W18
T 19	17 53 27	29°35'40	0♏43	10°34	23°59	11°17	9°33	25°47	12°15	10°11	25°43	6°36	6° 1	8°42	2°29	T 19
F 20	17 57 23	0♋33'24	12°32	10°44	25°12	12° 2	9°36	25°55	12°13	10°11	25°44	6°31	5°58	8°49	2°28	F 20
S 21	18 1 20	1°31'07	24°25	10°58	26°26	12°46	9°39	26° 2	12°12	10°10	25°46	6°24	5°55	8°55	2°27	S 21
S 22	18 5 16	2°28'49	6♐27	11°17	27°40	13°30	9°42	26° 9	12°10	10°10	25°47	6°15	5°51	9° 2	2°26	S 22
M23	18 9 13	3°26'29	18°38	11°41	28°54	14°15	9°45	26°17	12° 9	10°10	25°49	6° 3	5°48	9° 9	2°25	M23
T 24	18 13 9	4°24'08	1♑ 2	12° 8	0♋ 7	14°59	9°49	26°24	12° 8	10° 9	25°50	5°50	5°45	9°15	2°24	T 24
W25	18 17 6	5°21'46	13°38	12°40	1°21	15°43	9°52	26°31	12° 7	10° 9	25°51	5°37	5°42	9°22	2°23	W25
T 26	18 21 2	6°19'22	26°26	13°16	2°35	16°27	9°56	26°39	12° 5	10° 8	25°53	5°25	5°39	9°29	2°21	T 26
F 27	18 24 59	7°16'58	9♒25	13°56	3°49	17°11	10° 0	26°46	12° 4	10° 8	25°54	5°14	5°35	9°35	2°20	F 27
S 28	18 28 56	8°14'33	22°36	14°39	5° 3	17°55	10° 4	26°54	12° 3	10° 7	25°55	5° 7	5°32	9°42	2°19	S 28
S 29	18 32 52	9°12'07	5♓59	15°27	6°16	18°39	10° 8	27° 1	12° 2	10° 7	25°57	5° 2	5°29	9°49	2°17	S 29
M30	18 36 49	10♋ 9'40	19♓32	16♊18	7♋30	19♊23	10♎12	27♋ 9	12♏ 1	10♓ 6	25♋58	5♎ 0	5♎26	9♏55	2♓16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	9s39	3n25	22n53	0n15	19n20	1s 1	19n13	0s17	2s24	1n20	20n46	0s24	15s 2	0n31	7s54	0s14	16n 4	4s54	3s 5	2s45	11s13	4s 4	6n50
M 2	22 11	5 50	2 27	22 32	0s 3	19 36	0 59	19 24	0 16	2 24	1 20	20 45	0 24	15 2	0 31	7 54	0 14	16 4	4 53	3 4	2 43	11 14	4 4	6 50
T 3	22 17	1 38	1 19	22 11	0 20	19 52	0 58	19 34	0 15	2 24	1 19	20 44	0 24	15 1	0 31	7 54	0 14	16 4	4 53	3 4	2 42	11 15	4 3	6 51
W 4	22 24	2n46	0 5	21 50	0 38	20 7	0 56	19 45	0 15	2 25	1 19	20 43	0 23	15 0	0 31	7 54	0 14	16 3	4 53	3 4	2 41	11 17	4 3	6 51
T 5	22 30	7 6	1s11	21 28	0 56	20 22	0 54	19 55	0 14	2 25	1 19	20 42	0 23	15 0	0 31	7 54	0 14	16 3	4 53	3 4	2 40	11 18	4 2	6 52
F 6	22 36	11 5	2 23	21 7	1 14	20 35	0 52	20 4	0 13	2 25	1 19	20 41	0 23	14 59	0 31	7 54	0 14	16 3	4 53	3 3	2 38	11 20	4 2	6 52
S 7	22 41	14 26	3 27	20 46	1 31	20 49	0 50	20 14	0 13	2 25	1 19	20 40	0 23	14 59	0 31	7 54	0 14	16 3	4 53	3 1	2 37	11 21	4 2	6 52
S 8	22 46	16 50	4 17	20 25	1 48	21 2	0 48	20 23	0 12	2 26	1 18	20 39	0 23	14 58	0 31	7 54	0 14	16 3	4 53	2 58	2 36	11 23	4 1	6 53
M 9	22 51	18 5	4 49	20 5	2 4	21 14	0 45	20 32	0 11	2 26	1 18	20 38	0 23	14 58	0 31	7 54	0 14	16 3	4 53	2 54	2 35	11 24	4 1	6 53
T 10	22 55	18 6	5 2	19 46	2 19	21 26	0 43	20 41	0 11	2 27	1 18	20 37	0 23	14 57	0 31	7 54	0 14	16 3	4 52	2 50	2 33	11 25	4 1	6 54
W11	22 59	16 56	4 55	19 28	2 33	21 37	0 41	20 50	0 10	2 28	1 18	20 36	0 23	14 57	0 31	7 54	0 14	16 3	4 52	2 46	2 32	11 27	4 1	6 54
T 12	23 2	14 48	4 30	19 12	2 47	21 47	0 39	20 58	0 9	2 28	1 17	20 35	0 23	14 56	0 31	7 54	0 14	16 3	4 52	2 42	2 31	11 28	4 0	6 54
F 13	23 5	11 54	3 51	18 57	2 59	21 57	0 37	21 7	0 9	2 29	1 17	20 33	0 22	14 56	0 31	7 54	0 14	16 3	4 52	2 39	2 30	11 30	4 0	6 55
S 14	23 7	8 30	3 1	18 43	3 11	22 6	0 35	21 15	0 8	2 30	1 17	20 32	0 22	14 55	0 31	7 54	0 14	16 2	4 52	2 38	2 28	11 31	4 0	6 55
S 15	23 9	4 49	2 3	18 32	3 21	22 14	0 32	21 22	0 7	2 31	1 17	20 31	0 22	14 55	0 31	7 54	0 14	16 2	4 52	2 37	2 27	11 32	4 0	6 56
M16	23 11	1 2	1 1	18 22	3 30	22 22	0 30	21 30	0 7	2 32	1 17	20 30	0 22	14 54	0 31	7 54	0 14	16 2	4 52	2 37	2 26	11 34	4 0	6 56
T 17	23 12	2s44	0n 2	18 13	3 38	22 30	0 28	21 37	0 6	2 33	1 16	20 29	0 22	14 54	0 31	7 54	0 14	16 2	4 52	2 37	2 25	11 35	4 0	6 56
W18	23 13	6 21	1 5	18 7	3 44	22 36	0 25	21 44	0 5	2 34	1 16	20 27	0 22	14 53	0 31	7 54	0 14	16 2	4 52	2 36	2 23	11 37	3 59	6 57
T 19	23 13	9 41	2 4	18 2	3 50	22 42	0 23	21 51	0 5	2 35	1 16	20 26	0 22	14 53	0 31	7 54	0 14	16 2	4 52	2 36	2 22	11 38	3 59	6 57
F 20	23 13	12 38	2 58	17 59	3 54	22 48	0 21	21 58	0 4	2 36	1 16	20 25	0 22	14 52	0 31	7 54	0 14	16 2	4 51	2 34	2 21	11 39	3 59	6 58
S 21	23 13	15 5	3 44	17 58	3 58	22 52	0 18	22 4	0 3	2 38	1 16	20 24	0 22	14 52	0 31	7 54	0 14	16 2	4 51	2 31	2 20	11 41	3 59	6 58
S 22	23 12	16 54	4 21	17 58	4 0	22 56	0 16	22 10	0 3	2 39	1 15	20 23	0 22	14 52	0 31	7 55	0 14	16 1	4 51	2 28	2 18	11 42	3 59	6 58
M23	23 11	17 59	4 47	18 0	4 1	23 0	0 14	22 16	0 2	2 41	1 15	20 21	0 21	14 51	0 31	7 55	0 14	16 1	4 51	2 23	2 17	11 43	3 59	6 59
T 24	23 9	18 14	4 59	18 3	4 2	23 2	0 11	22 22	0 1	2 42	1 15	20 20	0 21	14 51	0 31	7 55	0 14	16 1	4 51	2 18	2 16	11 45	3 59	6 59
W25	23 7	17 36	4 57	18 8	4 1	23 4	0 9	22 28	0 0	2 44	1 15	20 19	0 21	14 51	0 31	7 55	0 14	16 1	4 51	2 13	2 15	11 46	4 0	6 59
T 26	23 4	16 5	4 41	18 13	4 0	23 5	0 6	22 33	0n 0	2 45	1 15	20 17	0 21	14 50	0 31	7 55	0 14	16 1	4 51	2 8	2 13	11 48	4 0	7 0
F 27	23 2	13 44	4 9	18 20	3 57	23 6	0 4	22 38	0 1	2 47	1 14	20 16	0 21	14 50	0 31	7 55	0 14	16 1	4 51	2 4	2 12	11 49	4 0	7 0
S 28	22 58	10 38	3 24	18 29	3 54	23 6	0 2	22 42	0 2	2 49	1 14	20 15	0 21	14 50	0 31	7 56	0 14	16 0	4 51	2 1	2 11	11 50	4 0	7 0
S 29	22 54	6 57	2 27	18 38	3 50	23 5	0n 1	22 47	0 2	2 51	1 14	20 13	0 21	14 49	0 31	7 56	0 14	16 0	4 51	1 59	2 10	11 52	4 0	7 1
M30	22n50	2s52	1n21	18n47	3s45	23n 4	0n 3	22n51	0n 3	2s53	1n14	20n12	0s21	14s49	0n31	7s56	0s14	16n 0	4s51	1s58	2s 8	11s53	4s 0	7n 1

Julian Day Number = 3055442.5, Delta T = 02h28m46s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'10, Lahiri = 47°02'10

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

JULY 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 40 45	11♋ 7'12	3♈18	17♊13	8♋44	20♊ 7	10♎17	27♋16	12°R 0	10°R 5	26♋ 0	4°R59	5♎23	10♏ 2	2°R14	T 1
W 2	18 44 42	12° 4'44	17°16	18°11	9°58	20°51	10°22	27°24	11♏59	10♓ 5	26° 1	4♎59	5°20	10° 9	2♓12	W 2
T 3	18 48 38	13° 2'15	1♉26	19°13	11°11	21°34	10°26	27°31	11°58	10° 4	26° 3	4°59	5°16	10°15	2°11	T 3
F 4	18 52 35	13°59'46	15°48	20°18	12°25	22°18	10°31	27°39	11°58	10° 3	26° 4	4°56	5°13	10°22	2° 9	F 4
S 5	18 56 31	14°57'16	0♊18	21°26	13°39	23° 2	10°37	27°47	11°57	10° 3	26° 5	4°51	5°10	10°29	2° 7	S 5
S 6	19 0 28	15°54'46	14°52	22°38	14°53	23°45	10°42	27°54	11°56	10° 2	26° 7	4°43	5° 7	10°35	2° 5	S 6
M 7	19 4 25	16°52'15	29°24	23°53	16° 7	24°29	10°47	28° 2	11°56	10° 1	26° 8	4°33	5° 4	10°42	2° 3	M 7
T 8	19 8 21	17°49'43	13♋48	25°11	17°20	25°12	10°53	28°10	11°55	10° 0	26°10	4°21	5° 1	10°49	2° 1	T 8
W 9	19 12 18	18°47'10	27°55	26°32	18°34	25°55	10°59	28°17	11°54	9°59	26°11	4°10	4°57	10°55	1°59	W 9
T 10	19 16 14	19°44'37	11♌42	27°56	19°48	26°39	11° 4	28°25	11°54	9°59	26°13	4° 1	4°54	11° 2	1°57	T 10
F 11	19 20 11	20°42'03	25° 6	29°24	21° 2	27°22	11°11	28°33	11°54	9°58	26°14	3°53	4°51	11° 9	1°55	F 11
S 12	19 24 7	21°39'28	8♍ 6	0♋54	22°15	28° 5	11°17	28°40	11°53	9°57	26°16	3°48	4°48	11°15	1°53	S 12
S 13	19 28 4	22°36'52	20°43	2°27	23°29	28°48	11°23	28°48	11°53	9°56	26°17	3°46	4°45	11°22	1°50	S 13
M14	19 32 1	23°34'15	3♎ 1	4° 4	24°43	29°32	11°29	28°56	11°53	9°55	26°18	3°D45	4°41	11°29	1°48	M14
T 15	19 35 57	24°31'38	15° 5	5°43	25°57	0♋15	11°36	29° 4	11°52	9°54	26°20	3°45	4°38	11°35	1°46	T 15
W16	19 39 54	25°28'59	26°58	7°25	27°11	0°58	11°43	29°11	11°52	9°53	26°21	3°R45	4°35	11°42	1°43	W16
T 17	19 43 50	26°26'20	8♏48	9°10	28°24	1°40	11°50	29°19	11°52	9°52	26°23	3°45	4°32	11°49	1°41	T 17
F 18	19 47 47	27°23'40	20°39	10°58	29°38	2°23	11°57	29°27	11°52	9°51	26°24	3°42	4°29	11°55	1°38	F 18
S 19	19 51 43	28°21'00	2♐36	12°49	0♌52	3° 6	12° 4	29°35	11°D52	9°50	26°26	3°37	4°26	12° 2	1°36	S 19
S 20	19 55 40	29°18'19	14°43	14°42	2° 6	3°49	12°11	29°42	11°52	9°48	26°27	3°30	4°22	12° 9	1°33	S 20
M21	19 59 36	0♌15'37	27° 3	16°38	3°19	4°32	12°18	29°50	11°52	9°47	26°29	3°21	4°19	12°15	1°31	M21
T 22	20 3 33	1°12'55	9♑38	18°37	4°33	5°14	12°26	29°58	11°52	9°46	26°30	3°10	4°16	12°22	1°28	T 22
W23	20 7 30	2°10'13	22°30	20°37	5°47	5°57	12°33	0♌ 6	11°52	9°45	26°32	3° 0	4°13	12°29	1°25	W23
T 24	20 11 26	3° 7'30	5♒37	22°40	7° 1	6°39	12°41	0°13	11°53	9°44	26°33	2°50	4°10	12°35	1°23	T 24
F 25	20 15 23	4° 4'46	18°58	24°45	8°14	7°22	12°49	0°21	11°53	9°43	26°34	2°42	4° 7	12°42	1°20	F 25
S 26	20 19 19	5° 2'03	2♓32	26°51	9°28	8° 4	12°57	0°29	11°53	9°41	26°36	2°36	4° 3	12°49	1°17	S 26
S 27	20 23 16	5°59'19	16°16	28°59	10°42	8°46	13° 5	0°37	11°54	9°40	26°37	2°33	4° 0	12°55	1°14	S 27
M28	20 27 12	6°56'36	0♈ 8	1♌ 8	11°56	9°29	13°13	0°44	11°54	9°39	26°39	2°D32	3°57	13° 2	1°12	M28
T 29	20 31 9	7°53'52	14° 7	3°17	13°10	10°11	13°21	0°52	11°55	9°37	26°40	2°32	3°54	13° 9	1° 9	T 29
W30	20 35 5	8°51'09	28°12	5°28	14°23	10°53	13°30	1° 0	11°55	9°36	26°42	2°33	3°51	13°15	1° 6	W30
T 31	20 39 2	9♌48'26	12♉21	7♌38	15♌37	11♋35	13♎38	1♌ 7	11♏56	9♓35	26♋43	2°R33	3♎47	13♏22	1♓ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n46	1n26	0n 9	18n58	3s40	23n 2	0n 5	22n55	0n 4	2s54	1n13	20n11	0s21	14s49	0n31	7s56	0s14	16n 0	4s50	1s58	2s 7	11s54	4s 1	7n 1
W 2	22 41	5 43	1s 5	19 9	3 34	22 59	0 8	22 59	0 4	2 56	1 13	20 9	0 21	14 49	0 31	7 57	0 14	16 0	4 50	1 58	2 6	11 56	4 1	7 2
T 3	22 35	9 45	2 15	19 21	3 27	22 56	0 10	23 3	0 5	2 59	1 13	20 8	0 21	14 48	0 30	7 57	0 14	16 0	4 50	1 58	2 5	11 57	4 1	7 2
F 4	22 30	13 15	3 18	19 33	3 20	22 52	0 13	23 6	0 6	3 1	1 13	20 7	0 20	14 48	0 30	7 57	0 14	15 59	4 50	1 57	2 3	11 58	4 2	7 2
S 5	22 24	15 58	4 9	19 46	3 12	22 47	0 15	23 9	0 7	3 3	1 13	20 5	0 20	14 48	0 30	7 57	0 14	15 59	4 50	1 54	2 2	12 0	4 2	7 3
S 6	22 17	17 41	4 44	19 58	3 3	22 41	0 17	23 12	0 7	3 5	1 12	20 4	0 20	14 48	0 30	7 58	0 14	15 59	4 50	1 51	2 1	12 1	4 2	7 3
M 7	22 10	18 13	5 0	20 11	2 54	22 35	0 20	23 15	0 8	3 7	1 12	20 2	0 20	14 48	0 30	7 58	0 14	15 59	4 50	1 47	2 0	12 3	4 3	7 3
T 8	22 3	17 35	4 57	20 23	2 45	22 28	0 22	23 17	0 9	3 10	1 12	20 1	0 20	14 48	0 30	7 58	0 14	15 59	4 50	1 43	1 58	12 4	4 3	7 4
W 9	21 55	15 53	4 36	20 36	2 35	22 21	0 24	23 19	0 9	3 12	1 12	19 59	0 20	14 47	0 30	7 59	0 15	15 58	4 50	1 39	1 57	12 5	4 3	7 4
T 10	21 47	13 17	3 59	20 48	2 25	22 13	0 27	23 21	0 10	3 15	1 12	19 58	0 20	14 47	0 30	7 59	0 15	15 58	4 50	1 35	1 56	12 7	4 4	7 4
F 11	21 39	10 3	3 10	20 59	2 14	22 4	0 29	23 23	0 11	3 17	1 12	19 57	0 20	14 47	0 30	7 59	0 15	15 58	4 50	1 32	1 55	12 8	4 4	7 5
S 12	21 30	6 25	2 12	21 10	2 3	21 55	0 31	23 24	0 11	3 20	1 11	19 55	0 20	14 47	0 30	8 0	0 15	15 58	4 50	1 30	1 53	12 9	4 5	7 5
S 13	21 21	2 35	1 9	21 20	1 52	21 45	0 33	23 25	0 12	3 22	1 11	19 54	0 20	14 47	0 30	8 0	0 15	15 58	4 50	1 29	1 52	12 11	4 5	7 5
M14	21 11	1s15	0 4	21 29	1 41	21 34	0 35	23 26	0 13	3 25	1 11	19 52	0 20	14 47	0 30	8 1	0 15	15 57	4 50	1 29	1 51	12 12	4 6	7 5
T 15	21 1	4 58	1n 0	21 37	1 29	21 23	0 38	23 27	0 14	3 28	1 11	19 51	0 19	14 47	0 30	8 1	0 15	15 57	4 50	1 29	1 50	12 13	4 7	7 6
W16	20 51	8 26	2 0	21 44	1 17	21 11	0 40	23 27	0 14	3 30	1 11	19 49	0 19	14 47	0 30	8 1	0 15	15 57	4 49	1 29	1 48	12 15	4 7	7 6
T 17	20 41	11 32	2 55	21 49	1 5	20 59	0 42	23 28	0 15	3 33	1 10	19 48	0 19	14 47	0 30	8 2	0 15	15 57	4 49	1 29	1 47	12 16	4 8	7 6
F 18	20 30	14 10	3 43	21 53	0 54	20 46	0 44	23 28	0 16	3 36	1 10	19 46	0 19	14 47	0 30	8 2	0 15	15 57	4 49	1 27	1 46	12 17	4 8	7 6
S 19	20 18	16 13	4 21	21 55	0 42	20 32	0 46	23 28	0 16	3 39	1 10	19 45	0 19	14 47	0 30	8 3	0 15	15 56	4 49	1 26	1 45	12 19	4 9	7 7
S 20	20 7	17 35	4 48	21 56	0 30	20 18	0 48	23 27	0 17	3 42	1 10	19 43	0 19	14 47	0 30	8 3	0 15	15 56	4 49	1 23	1 43	12 20	4 10	7 7
M21	19 55	18 10	5 2	21 54	0 18	20 3	0 50	23 27	0 18	3 45	1 10	19 42	0 19	14 47	0 30	8 3	0 15	15 56	4 49	1 19	1 42	12 21	4 10	7 7
T 22	19 43	17 52	5 2	21 50	0 6	19 48	0 52	23 26	0 18	3 48	1 10	19 40	0 19	14 47	0 30	8 4	0 15	15 56	4 49	1 15	1 41	12 23	4 11	7 7
W23	19 30	16 39	4 47	21 44	0n 5	19 32	0 54	23 25	0 19	3 51	1 9	19 39	0 19	14 47	0 30	8 4	0 15	15 55	4 49	1 11	1 40	12 24	4 12	7 7
T 24	19 17	14 33	4 16	21 36	0 16	19 15	0 56	23 23	0 20	3 54	1 9	19 37	0 19	14 47	0 30	8 5	0 15	15 55	4 49	1 7	1 38	12 25	4 13	7 8
F 25	19 4	11 39	3 31	21 25	0 26	18 58	0 58	23 22	0 21	3 57	1 9	19 35	0 19	14 48	0 30	8 5	0 15	15 55	4 49	1 4	1 37	12 27	4 13	7 8
S 26	18 50	8 5	2 33	21 12	0 37	18 41	0 59	23 20	0 21	4 1	1 9	19 34	0 19	14 48	0 30	8 6	0 15	15 55	4 49	1 2	1 36	12 28	4 14	7 8
S 27	18 36	4 3	1 26	20 56	0 46	18 22	1 1	23 18	0 22	4 4	1 9	19 32	0 18	14 48	0 30	8 6	0 15	15 55	4 49	1 0	1 35	12 29	4 15	7 8
M28	18 22	0n15	0 13	20 38	0 55	18 4	1 3	23 16	0 23	4 7	1 9	19 31	0 18	14 48	0 30	8 7	0 15	15 54	4 49	1 0	1 33	12 31	4 16	7 8
T 29	18 8	4 34	1s 2	20 17	1 4	17 45	1 4	23 13	0 23	4 11	1 8	19 29	0 18	14 48	0 30	8 7	0 15	15 54	4 49	1 0	1 32	12 32	4 17	7 8
W30	17 53	8 39	2 13	19 53	1 11	17 25	1 6	23 11	0 24	4 14	1 8	19 28	0 18	14 48	0 30	8 8	0 15	15 54	4 49	1 0	1 31	12 33	4 18	7 9
T 31	17n38	12n16	3s17	19n28	1n18	17n 5	1n 8	23n 8	0n25	4s17	1n 8	19n26	0s18	14s49	0n29	8s 8	0s15	15n54	4s49	1s 0	1s30	12s34	4s18	7n 9

Julian Day Number = 3055472.5, Delta T = 02h28m47s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'14, Lahiri = 47°02'15

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

AUGUST 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 42 59	10♌45'43	26♉32	9♌49	16♌51	12♋17	13♎47	1♌15	11♏57	9°R33	26♋45	2°R32	3♎44	13♏29	1°R 0	F 1
S 2	20 46 55	11°43'01	10♊45	11°59	18° 5	12°59	13°56	1°23	11°57	9♓32	26°46	2♎29	3°41	13°36	0♓57	S 2
S 3	20 50 52	12°40'19	24°56	14° 9	19°19	13°41	14° 5	1°31	11°58	9°31	26°47	2°24	3°38	13°42	0°54	S 3
M 4	20 54 48	13°37'37	9♋ 2	16°17	20°32	14°23	14°14	1°38	11°59	9°29	26°49	2°17	3°35	13°49	0°51	M 4
T 5	20 58 45	14°34'56	22°59	18°25	21°46	15° 5	14°23	1°46	12° 0	9°28	26°50	2°10	3°32	13°56	0°48	T 5
W 6	21 2 41	15°32'14	6♌42	20°32	23° 0	15°47	14°32	1°53	12° 1	9°26	26°52	2° 2	3°28	14° 2	0°45	W 6
T 7	21 6 38	16°29'33	20°10	22°38	24°14	16°28	14°41	2° 1	12° 2	9°25	26°53	1°55	3°25	14° 9	0°41	T 7
F 8	21 10 34	17°26'52	3♍19	24°42	25°28	17°10	14°50	2° 9	12° 3	9°23	26°54	1°50	3°22	14°16	0°38	F 8
S 9	21 14 31	18°24'11	16° 8	26°44	26°41	17°52	15° 0	2°16	12° 4	9°22	26°56	1°47	3°19	14°22	0°35	S 9
S 10	21 18 28	19°21'30	28°40	28°45	27°55	18°33	15° 9	2°24	12° 5	9°20	26°57	1°D46	3°16	14°29	0°32	S 10
M11	21 22 24	20°18'49	10♎55	0♍44	29° 9	19°14	15°19	2°31	12° 6	9°19	26°58	1°46	3°13	14°36	0°29	M11
T 12	21 26 21	21°16'08	22°58	2°42	0♍23	19°56	15°29	2°39	12° 7	9°17	27° 0	1°48	3° 9	14°42	0°26	T 12
W13	21 30 17	22°13'28	4♏52	4°37	1°37	20°37	15°39	2°46	12° 9	9°16	27° 1	1°49	3° 6	14°49	0°22	W13
T 14	21 34 14	23°10'47	16°43	6°31	2°51	21°18	15°49	2°54	12°10	9°14	27° 3	1°50	3° 3	14°56	0°19	T 14
F 15	21 38 10	24° 8'07	28°35	8°23	4° 4	22° 0	15°59	3° 1	12°11	9°13	27° 4	1°R50	3° 0	15° 2	0°16	F 15
S 16	21 42 7	25° 5'26	10♐33	10°14	5°18	22°41	16° 9	3° 9	12°13	9°11	27° 5	1°49	2°57	15° 9	0°13	S 16
S 17	21 46 3	26° 2'46	22°43	12° 2	6°32	23°22	16°19	3°16	12°14	9°10	27° 6	1°46	2°53	15°16	0° 9	S 17
M18	21 50 0	27° 0'07	5♑ 7	13°49	7°46	24° 3	16°29	3°23	12°16	9° 8	27° 8	1°42	2°50	15°22	0° 6	M18
T 19	21 53 57	27°57'27	17°49	15°34	9° 0	24°44	16°40	3°31	12°18	9° 6	27° 9	1°37	2°47	15°29	0° 3	T 19
W20	21 57 53	28°54'48	0♒51	17°17	10°13	25°25	16°50	3°38	12°19	9° 5	27°10	1°32	2°44	15°36	29♒59	W20
T 21	22 1 50	29°52'09	14°13	18°58	11°27	26° 6	17° 0	3°45	12°21	9° 3	27°12	1°27	2°41	15°42	29°56	T 21
F 22	22 5 46	0♍49'31	27°54	20°38	12°41	26°46	17°11	3°52	12°23	9° 2	27°13	1°23	2°38	15°49	29°53	F 22
S 23	22 9 43	1°46'53	11♓51	22°16	13°55	27°27	17°22	4° 0	12°24	9° 0	27°14	1°20	2°34	15°56	29°50	S 23
S 24	22 13 39	2°44'16	26° 1	23°52	15° 8	28° 8	17°32	4° 7	12°26	8°58	27°15	1°D19	2°31	16° 2	29°47	S 24
M25	22 17 36	3°41'40	10♈19	25°26	16°22	28°48	17°43	4°14	12°28	8°57	27°17	1°19	2°28	16° 9	29°43	M25
T 26	22 21 32	4°39'05	24°41	26°59	17°36	29°29	17°54	4°21	12°30	8°55	27°18	1°20	2°25	16°16	29°40	T 26
W27	22 25 29	5°36'30	9♉ 3	28°30	18°50	0♌ 9	18° 5	4°28	12°32	8°53	27°19	1°22	2°22	16°22	29°37	W27
T 28	22 29 25	6°33'57	23°21	29°59	20° 4	0°50	18°16	4°35	12°34	8°52	27°20	1°23	2°19	16°29	29°34	T 28
F 29	22 33 22	7°31'25	7♊33	1♎26	21°17	1°30	18°27	4°42	12°36	8°50	27°21	1°R23	2°15	16°36	29°31	F 29
S 30	22 37 19	8°28'54	21°38	2°52	22°31	2°10	18°38	4°49	12°38	8°49	27°22	1°23	2°12	16°43	29°27	S 30
S 31	22 41 15	9♍26'24	5♋32	4♎15	23♍45	2♌51	18♎50	4♌56	12♏40	8♓47	27♋24	1♎21	2♎ 9	16♏49	29♒24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n23	15n10	4s 9	19n 0	1n25	16n45	1n 9	23n 5	0n25	4s21	1n 8	19n24	0s18	14s49	0n29	8s 9	0s15	15n53	4s49	1s 0	1s28	12s36	4s19	7n 9
S 2	17 7	17 8	4 46	18 29	1 30	16 24	1 10	23 2	0 26	4 24	1 8	19 23	0 18	14 49	0 29	8 9	0 15	15 53	4 49	0 59	1 27	12 37	4 20	7 9
S 3	16 51	18 3	5 5	17 57	1 35	16 2	1 12	22 58	0 27	4 28	1 8	19 21	0 18	14 49	0 29	8 10	0 15	15 53	4 49	0 57	1 26	12 38	4 21	7 9
M 4	16 35	17 51	5 5	17 23	1 39	15 40	1 13	22 55	0 27	4 31	1 7	19 20	0 18	14 50	0 29	8 10	0 15	15 53	4 49	0 54	1 25	12 40	4 22	7 9
T 5	16 19	16 34	4 48	16 47	1 42	15 18	1 15	22 51	0 28	4 35	1 7	19 18	0 18	14 50	0 29	8 11	0 15	15 52	4 49	0 51	1 23	12 41	4 23	7 9
W 6	16 2	14 20	4 13	16 10	1 44	14 55	1 16	22 47	0 29	4 39	1 7	19 16	0 18	14 50	0 29	8 12	0 15	15 52	4 49	0 48	1 22	12 42	4 24	7 9
T 7	15 45	11 22	3 26	15 31	1 46	14 32	1 17	22 42	0 30	4 42	1 7	19 15	0 18	14 51	0 29	8 12	0 15	15 52	4 49	0 46	1 21	12 44	4 25	7 9
F 8	15 28	7 54	2 28	14 51	1 47	14 9	1 18	22 38	0 30	4 46	1 7	19 13	0 18	14 51	0 29	8 13	0 15	15 52	4 49	0 44	1 20	12 45	4 26	7 9
S 9	15 11	4 8	1 24	14 10	1 47	13 45	1 19	22 33	0 31	4 50	1 7	19 12	0 17	14 51	0 29	8 13	0 15	15 51	4 49	0 42	1 18	12 46	4 27	7 9
S 10	14 53	0 16	0 17	13 28	1 47	13 21	1 20	22 28	0 32	4 54	1 7	19 10	0 17	14 52	0 29	8 14	0 15	15 51	4 49	0 42	1 17	12 47	4 28	7 10
M11	14 35	3s31	0n50	12 45	1 45	12 56	1 21	22 23	0 32	4 57	1 6	19 8	0 17	14 52	0 29	8 14	0 15	15 51	4 49	0 42	1 16	12 49	4 29	7 10
T 12	14 17	7 6	1 53	12 2	1 43	12 31	1 22	22 18	0 33	5 1	1 6	19 7	0 17	14 52	0 29	8 15	0 15	15 51	4 49	0 42	1 15	12 50	4 30	7 10
W13	13 59	10 21	2 50	11 18	1 41	12 6	1 23	22 13	0 34	5 5	1 6	19 5	0 17	14 53	0 29	8 16	0 15	15 50	4 49	0 43	1 13	12 51	4 31	7 10
T 14	13 40	13 9	3 40	10 33	1 38	11 40	1 24	22 7	0 34	5 9	1 6	19 3	0 17	14 53	0 29	8 16	0 15	15 50	4 49	0 43	1 12	12 53	4 33	7 10
F 15	13 21	15 25	4 21	9 48	1 34	11 14	1 24	22 1	0 35	5 13	1 6	19 2	0 17	14 54	0 29	8 17	0 15	15 50	4 49	0 44	1 11	12 54	4 34	7 10
S 16	13 3	17 2	4 51	9 3	1 30	10 48	1 25	21 55	0 36	5 17	1 6	19 0	0 17	14 54	0 29	8 17	0 15	15 50	4 49	0 43	1 10	12 55	4 35	7 10
S 17	12 43	17 54	5 8	8 18	1 25	10 22	1 26	21 49	0 36	5 21	1 6	18 59	0 17	14 55	0 29	8 18	0 15	15 50	4 49	0 42	1 8	12 56	4 36	7 10
M18	12 24	17 57	5 11	7 33	1 20	9 55	1 26	21 43	0 37	5 25	1 6	18 57	0 17	14 55	0 29	8 18	0 15	15 49	4 49	0 40	1 7	12 58	4 37	7 10
T 19	12 5	17 6	4 59	6 47	1 14	9 28	1 27	21 36	0 38	5 29	1 5	18 55	0 17	14 56	0 29	8 19	0 15	15 49	4 49	0 38	1 6	12 59	4 38	7 10
W20	11 45	15 21	4 32	6 2	1 8	9 1	1 27	21 30	0 38	5 33	1 5	18 54	0 17	14 56	0 29	8 20	0 15	15 49	4 49	0 36	1 5	13 0	4 39	7 9
T 21	11 25	12 45	3 50	5 17	1 2	8 33	1 27	21 23	0 39	5 37	1 5	18 52	0 17	14 57	0 29	8 20	0 15	15 49	4 49	0 34	1 3	13 1	4 40	7 9
F 22	11 5	9 23	2 53	4 31	0 55	8 5	1 27	21 16	0 40	5 41	1 5	18 51	0 16	14 57	0 29	8 21	0 15	15 48	4 49	0 33	1 2	13 3	4 42	7 9
S 23	10 45	5 26	1 45	3 47	0 48	7 37	1 28	21 9	0 40	5 45	1 5	18 49	0 16	14 58	0 29	8 22	0 15	15 48	4 49	0 32	1 1	13 4	4 43	7 9
S 24	10 24	1 7	0 29	3 2	0 40	7 9	1 28	21 1	0 41	5 50	1 5	18 47	0 16	14 59	0 29	8 22	0 15	15 48	4 49	0 31	1 0	13 5	4 44	7 9
M25	10 4	3n18	0s49	2 18	0 32	6 41	1 28	20 54	0 42	5 54	1 5	18 46	0 16	14 59	0 29	8 23	0 15	15 48	4 49	0 31	0 58	13 6	4 45	7 9
T 26	9 43	7 32	2 5	1 34	0 24	6 12	1 28	20 46	0 42	5 58	1 5	18 44	0 16	15 0	0 29	8 23	0 15	15 47	4 49	0 32	0 57	13 8	4 46	7 9
W27	9 22	11 20	3 13	0 50	0 16	5 44	1 28	20 38	0 43	6 2	1 4	18 43	0 16	15 0	0 29	8 24	0 15	15 47	4 49	0 32	0 56	13 9	4 48	7 9
T 28	9 1	14 26	4 8	0 7	0 7	5 15	1 28	20 30	0 44	6 6	1 4	18 41	0 16	15 1	0 29	8 25	0 15	15 47	4 49	0 33	0 55	13 10	4 49	7 9
F 29	8 40	16 38	4 48	0s36	0s 2	4 46	1 27	20 22	0 44	6 11	1 4	18 39	0 16	15 2	0 29	8 25	0 15	15 47	4 49	0 33	0 53	13 11	4 50	7 9
S 30	8 19	17 48	5 10	1 18	0 11	4 17	1 27	20 14	0 45	6 15	1 4	18 38	0 16	15 2	0 28	8 26	0 15	15 46	4 49	0 33	0 52	13 13	4 51	7 8
S 31	7n58	17n53	5s14	1s59	0s20	3n47	1n27	20n 5	0n46	6s19	1n 4	18n36	0s16	15s 3	0n28	8s26	0s15	15n46	4s49	0s32	0s51	13s14	4s52	7n 8

Julian Day Number = 3055503.5, Delta T = 02h28m48s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'18, Lahiri = 47°02'19

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

SEPTEMBER 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 45 12	10♍23'56	19♋16	5♎37	24♍59	3♌31	19♎ 1	5♌ 3	12♏42	8°R45	27♋25	1°R19	2♎ 6	16♏56	29°R21	M 1
T 2	22 49 8	11°21'28	2♌47	6°57	26°12	4°11	19°12	5° 9	12°45	8♓44	27°26	1♎16	2° 3	17° 3	29♒18	T 2
W 3	22 53 5	12°19'02	16° 5	8°15	27°26	4°51	19°24	5°16	12°47	8°42	27°27	1°13	1°59	17° 9	29°15	W 3
T 4	22 57 1	13°16'37	29° 8	9°31	28°40	5°31	19°35	5°23	12°49	8°40	27°28	1°11	1°56	17°16	29°12	T 4
F 5	23 0 58	14°14'12	11♍57	10°45	29°54	6°11	19°47	5°29	12°52	8°39	27°29	1° 9	1°53	17°23	29° 8	F 5
S 6	23 4 54	15°11'49	24°32	11°57	1♎ 8	6°51	19°58	5°36	12°54	8°37	27°30	1° 8	1°50	17°29	29° 5	S 6
S 7	23 8 51	16° 9'27	6♎52	13° 6	2°21	7°31	20°10	5°43	12°56	8°36	27°31	1°D 8	1°47	17°36	29° 2	S 7
M 8	23 12 48	17° 7'05	19° 1	14°14	3°35	8°10	20°22	5°49	12°59	8°34	27°32	1° 9	1°44	17°43	28°59	M 8
T 9	23 16 44	18° 4'45	1♏ 1	15°19	4°49	8°50	20°33	5°56	13° 1	8°32	27°33	1°10	1°40	17°49	28°56	T 9
W10	23 20 41	19° 2'25	12°54	16°21	6° 3	9°30	20°45	6° 2	13° 4	8°31	27°34	1°11	1°37	17°56	28°53	W10
T 11	23 24 37	20° 0'07	24°44	17°21	7°16	10° 9	20°57	6° 8	13° 7	8°29	27°35	1°12	1°34	18° 3	28°50	T 11
F 12	23 28 34	20°57'49	6♐35	18°18	8°30	10°49	21° 9	6°15	13° 9	8°28	27°36	1°13	1°31	18° 9	28°47	F 12
S 13	23 32 30	21°55'33	18°33	19°13	9°44	11°28	21°21	6°21	13°12	8°26	27°37	1°R14	1°28	18°16	28°45	S 13
S 14	23 36 27	22°53'17	0♑41	20° 4	10°57	12° 8	21°33	6°27	13°15	8°24	27°38	1°13	1°24	18°23	28°42	S 14
M15	23 40 23	23°51'03	13° 4	20°53	12°11	12°47	21°45	6°33	13°17	8°23	27°39	1°13	1°21	18°29	28°39	M15
T 16	23 44 20	24°48'49	25°47	21°37	13°25	13°26	21°57	6°39	13°20	8°21	27°40	1°12	1°18	18°36	28°36	T 16
W17	23 48 17	25°46'37	8♒51	22°19	14°39	14° 5	22° 9	6°45	13°23	8°20	27°41	1°12	1°15	18°43	28°33	W17
T 18	23 52 13	26°44'25	22°20	22°56	15°52	14°44	22°22	6°51	13°26	8°18	27°41	1°11	1°12	18°50	28°31	T 18
F 19	23 56 10	27°42'15	6♓12	23°30	17° 6	15°23	22°34	6°57	13°29	8°17	27°42	1°11	1° 9	18°56	28°28	F 19
S 20	0 0 6	28°40'06	20°26	23°59	18°19	16° 2	22°46	7° 3	13°32	8°15	27°43	1°11	1° 5	19° 3	28°25	S 20
S 21	0 4 3	29°37'58	4♈58	24°24	19°33	16°41	22°58	7° 9	13°35	8°14	27°44	1°D11	1° 2	19°10	28°23	S 21
M22	0 7 59	0♎35'52	19°41	24°44	20°47	17°20	23°11	7°14	13°38	8°12	27°45	1°11	0°59	19°16	28°20	M22
T 23	0 11 56	1°33'47	4♉30	25° 0	22° 0	17°59	23°23	7°20	13°41	8°11	27°45	1°R11	0°56	19°23	28°18	T 23
W24	0 15 52	2°31'44	19°16	25° 9	23°14	18°37	23°36	7°25	13°44	8° 9	27°46	1°11	0°53	19°30	28°15	W24
T 25	0 19 49	3°29'43	3♊53	25°R14	24°28	19°16	23°48	7°31	13°47	8° 8	27°47	1°10	0°50	19°36	28°13	T 25
F 26	0 23 45	4°27'43	18°16	25°12	25°41	19°55	24° 1	7°36	13°50	8° 6	27°48	1°10	0°46	19°43	28°10	F 26
S 27	0 27 42	5°25'46	2♋23	25° 5	26°55	20°33	24°13	7°42	13°53	8° 5	27°48	1°D10	0°43	19°50	28° 8	S 27
S 28	0 31 39	6°23'50	16°12	24°51	28° 8	21°12	24°26	7°47	13°56	8° 4	27°49	1°10	0°40	19°56	28° 6	S 28
M29	0 35 35	7°21'56	29°42	24°32	29°22	21°50	24°38	7°52	13°59	8° 2	27°50	1°10	0°37	20° 3	28° 3	M29
T 30	0 39 32	8♎20'04	12♌54	24♎ 5	0♏35	22♌28	24♎51	7♌57	14♏ 2	8♓ 1	27♋50	1♎11	0♎34	20♏10	28♒ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n36	16n55	5s 0	2s40	0s30	3n18	1n26	19n57	0n46	6s24	1n 4	18n35	0s16	15s 4	0n28	8s27	0s15	15n46	4s49	0s31	0s50	13s15	4s54	7n 8
T 2	7 14	15 0	4 29	3 20	0 39	2 49	1 26	19 48	0 47	6 28	1 4	18 33	0 16	15 4	0 28	8 28	0 15	15 46	4 49	0 30	0 48	13 16	4 55	7 8
W 3	6 53	12 19	3 44	4 0	0 49	2 19	1 25	19 39	0 48	6 32	1 4	18 32	0 16	15 5	0 28	8 28	0 15	15 45	4 49	0 29	0 47	13 18	4 56	7 8
T 4	6 31	9 3	2 48	4 38	0 59	1 49	1 25	19 30	0 48	6 37	1 4	18 30	0 16	15 6	0 28	8 29	0 15	15 45	4 49	0 28	0 46	13 19	4 57	7 8
F 5	6 9	5 25	1 44	5 16	1 9	1 20	1 24	19 21	0 49	6 41	1 4	18 29	0 16	15 7	0 28	8 30	0 15	15 45	4 49	0 27	0 45	13 20	4 59	7 7
S 6	5 47	1 36	0 37	5 54	1 19	0 50	1 23	19 12	0 50	6 46	1 4	18 27	0 15	15 7	0 28	8 30	0 15	15 45	4 49	0 27	0 43	13 21	5 0	7 7
S 7	5 25	2s13	0n32	6 30	1 29	0 20	1 23	19 3	0 50	6 50	1 3	18 26	0 15	15 8	0 28	8 31	0 15	15 45	4 49	0 27	0 42	13 23	5 1	7 7
M 8	5 3	5 53	1 37	7 5	1 39	0s10	1 22	18 53	0 51	6 54	1 3	18 24	0 15	15 9	0 28	8 31	0 15	15 44	4 49	0 27	0 41	13 24	5 2	7 7
T 9	4 40	9 15	2 38	7 40	1 50	0 40	1 21	18 43	0 52	6 59	1 3	18 23	0 15	15 10	0 28	8 32	0 15	15 44	4 49	0 28	0 40	13 25	5 3	7 7
W10	4 18	12 12	3 31	8 13	2 0	1 9	1 20	18 34	0 52	7 3	1 3	18 21	0 15	15 10	0 28	8 33	0 15	15 44	4 49	0 28	0 38	13 26	5 5	7 6
T 11	3 56	14 39	4 15	8 46	2 10	1 39	1 19	18 24	0 53	7 8	1 3	18 20	0 15	15 11	0 28	8 33	0 15	15 44	4 49	0 29	0 37	13 28	5 6	7 6
F 12	3 33	16 28	4 48	9 17	2 20	2 9	1 17	18 14	0 54	7 12	1 3	18 18	0 15	15 12	0 28	8 34	0 15	15 43	4 49	0 29	0 36	13 29	5 7	7 6
S 13	3 11	17 36	5 9	9 47	2 30	2 39	1 16	18 4	0 54	7 17	1 3	18 17	0 15	15 13	0 28	8 34	0 15	15 43	4 49	0 29	0 35	13 30	5 8	7 6
S 14	2 48	17 56	5 17	10 15	2 40	3 9	1 15	17 53	0 55	7 21	1 3	18 15	0 15	15 14	0 28	8 35	0 15	15 43	4 49	0 29	0 33	13 31	5 10	7 5
M15	2 25	17 26	5 10	10 42	2 50	3 39	1 14	17 43	0 56	7 26	1 3	18 14	0 15	15 14	0 28	8 36	0 15	15 43	4 49	0 29	0 32	13 32	5 11	7 5
T 16	2 3	16 4	4 49	11 8	3 0	4 8	1 12	17 32	0 56	7 30	1 3	18 12	0 15	15 15	0 28	8 36	0 15	15 43	4 49	0 29	0 31	13 34	5 12	7 5
W17	1 40	13 50	4 11	11 32	3 9	4 38	1 11	17 22	0 57	7 35	1 3	18 11	0 15	15 16	0 28	8 37	0 15	15 42	4 49	0 28	0 30	13 35	5 13	7 5
T 18	1 17	10 48	3 19	11 55	3 18	5 7	1 9	17 11	0 58	7 39	1 3	18 9	0 15	15 17	0 28	8 37	0 15	15 42	4 49	0 28	0 28	13 36	5 14	7 4
F 19	0 54	7 4	2 14	12 15	3 27	5 37	1 8	17 0	0 58	7 44	1 3	18 8	0 15	15 18	0 28	8 38	0 15	15 42	4 49	0 28	0 27	13 37	5 16	7 4
S 20	0 32	2 51	0 59	12 34	3 36	6 6	1 6	16 50	0 59	7 49	1 2	18 7	0 14	15 19	0 28	8 38	0 15	15 42	4 50	0 28	0 26	13 38	5 17	7 4
S 21	0 9	1n38	0s21	12 51	3 44	6 35	1 4	16 39	1 0	7 53	1 2	18 5	0 14	15 20	0 28	8 39	0 15	15 42	4 50	0 28	0 25	13 40	5 18	7 3
M22	0s14	6 4	1 41	13 5	3 51	7 4	1 3	16 28	1 0	7 58	1 2	18 4	0 14	15 21	0 28	8 40	0 15	15 41	4 50	0 28	0 23	13 41	5 19	7 3
T 23	0 37	10 9	2 55	13 17	3 58	7 33	1 1	16 16	1 1	8 2	1 2	18 3	0 14	15 22	0 28	8 40	0 15	15 41	4 50	0 28	0 22	13 42	5 20	7 3
W24	1 0	13 35	3 57	13 27	4 5	8 2	0 59	16 5	1 2	8 7	1 2	18 1	0 14	15 22	0 28	8 41	0 15	15 41	4 50	0 28	0 21	13 43	5 21	7 2
T 25	1 23	16 7	4 42	13 33	4 10	8 31	0 57	15 54	1 2	8 11	1 2	18 0	0 14	15 23	0 28	8 41	0 15	15 41	4 50	0 28	0 20	13 44	5 22	7 2
F 26	1 45	17 34	5 9	13 37	4 15	8 59	0 55	15 42	1 3	8 16	1 2	17 59	0 14	15 24	0 28	8 42	0 15	15 41	4 50	0 28	0 18	13 46	5 24	7 2
S 27	2 8	17 55	5 17	13 38	4 18	9 27	0 53	15 31	1 4	8 21	1 2	17 57	0 14	15 25	0 28	8 42	0 15	15 40	4 50	0 28	0 17	13 47	5 25	7 1
S 28	2 31	17 11	5 7	13 35	4 21	9 55	0 51	15 19	1 4	8 25	1 2	17 56	0 14	15 26	0 28	8 43	0 15	15 40	4 50	0 28	0 16	13 48	5 26	7 1
M29	2 54	15 29	4 39	13 29	4 22	10 23	0 49	15 8	1 5	8 30	1 2	17 55	0 14	15 27	0 28	8 43	0 15	15 40	4 50	0 28	0 15	13 49	5 27	7 0
T 30	3s17	12n59	3s57	13s19	4s22	10s51	0n47	14n56	1n 6	8s34	1n 2	17n54	0s14	15s28	0n28	8s44	0s15	15n40	4s50	0s28	0s13	13s50	5s28	7n 0

Julian Day Number = 3055534.5, Delta T = 02h28m49s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'23, Lahiri = 47°02'23

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

OCTOBER 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 43 28	9♎18'13	25♌51	23°R33	1♏49	23♌ 7	25♎ 3	8♌ 2	14♏ 6	7°R59	27♋51	1♎12	0♎30	20♏16	27°R59	W 1
T 2	0 47 25	10°16'25	8♍33	22♎55	3° 3	23°45	25°16	8° 7	14° 9	7♓58	27°51	1°13	0°27	20°23	27♒57	T 2
F 3	0 51 21	11°14'38	21° 2	22°10	4°16	24°23	25°29	8°12	14°12	7°57	27°52	1°13	0°24	20°30	27°55	F 3
S 4	0 55 18	12°12'53	3♎20	21°21	5°30	25° 1	25°42	8°17	14°16	7°56	27°52	1°R13	0°21	20°37	27°53	S 4
S 5	0 59 14	13°11'09	15°28	20°27	6°43	25°39	25°54	8°21	14°19	7°54	27°53	1°13	0°18	20°43	27°51	S 5
M 6	1 3 11	14° 9'28	27°29	19°30	7°57	26°17	26° 7	8°26	14°22	7°53	27°53	1°12	0°15	20°50	27°49	M 6
T 7	1 7 7	15° 7'48	9♏24	18°30	9°10	26°55	26°20	8°31	14°26	7°52	27°54	1°10	0°11	20°57	27°47	T 7
W 8	1 11 4	16° 6'09	21°15	17°29	10°24	27°32	26°33	8°35	14°29	7°51	27°54	1° 8	0° 8	21° 3	27°45	W 8
T 9	1 15 1	17° 4'32	3♐ 4	16°28	11°37	28°10	26°45	8°40	14°33	7°49	27°55	1° 5	0° 5	21°10	27°44	T 9
F 10	1 18 57	18° 2'57	14°56	15°28	12°51	28°48	26°58	8°44	14°36	7°48	27°55	1° 3	0° 2	21°17	27°42	F 10
S 11	1 22 54	19° 1'23	26°52	14°31	14° 4	29°25	27°11	8°48	14°40	7°47	27°56	1° 1	29♍59	21°23	27°40	S 11
S 12	1 26 50	19°59'51	8♑59	13°39	15°18	0♍ 3	27°24	8°52	14°43	7°46	27°56	1° 0	29°55	21°30	27°39	S 12
M13	1 30 47	20°58'21	21°18	12°52	16°31	0°40	27°37	8°56	14°47	7°45	27°56	0°D59	29°52	21°37	27°37	M13
T 14	1 34 43	21°56'52	3♒56	12°12	17°44	1°17	27°50	9° 0	14°50	7°44	27°57	1° 0	29°49	21°43	27°36	T 14
W15	1 38 40	22°55'24	16°56	11°40	18°58	1°55	28° 3	9° 4	14°54	7°43	27°57	1° 1	29°46	21°50	27°35	W15
T 16	1 42 36	23°53'58	0♓21	11°17	20°11	2°32	28°15	9° 8	14°57	7°42	27°57	1° 3	29°43	21°57	27°33	T 16
F 17	1 46 33	24°52'33	14°12	11° 3	21°25	3° 9	28°28	9°12	15° 1	7°41	27°57	1° 4	29°40	22° 4	27°32	F 17
S 18	1 50 30	25°51'11	28°31	10°D59	22°38	3°46	28°41	9°15	15° 5	7°40	27°58	1°R 5	29°36	22°10	27°31	S 18
S 19	1 54 26	26°49'49	13♈13	11° 4	23°51	4°23	28°54	9°19	15° 8	7°39	27°58	1° 4	29°33	22°17	27°30	S 19
M20	1 58 23	27°48'30	28°13	11°20	25° 5	5° 0	29° 7	9°22	15°12	7°38	27°58	1° 2	29°30	22°24	27°29	M20
T 21	2 2 19	28°47'12	13♉22	11°45	26°18	5°36	29°20	9°25	15°15	7°37	27°58	1° 0	29°27	22°30	27°28	T 21
W22	2 6 16	29°45'57	28°31	12°20	27°31	6°13	29°33	9°29	15°19	7°36	27°58	0°56	29°24	22°37	27°27	W22
T 23	2 10 12	0♏44'44	13♊30	13° 4	28°44	6°50	29°46	9°32	15°23	7°35	27°58	0°52	29°21	22°44	27°26	T 23
F 24	2 14 9	1°43'33	28°11	13°56	29°58	7°26	29°59	9°35	15°27	7°35	27°58	0°48	29°17	22°50	27°25	F 24
S 25	2 18 5	2°42'24	12♋29	14°55	1♐11	8° 3	0♏12	9°38	15°30	7°34	27°59	0°45	29°14	22°57	27°24	S 25
S 26	2 22 2	3°41'17	26°22	16° 2	2°24	8°39	0°25	9°40	15°34	7°33	27°59	0°43	29°11	23° 4	27°24	S 26
M27	2 25 59	4°40'12	9♌49	17°15	3°37	9°15	0°38	9°43	15°38	7°32	27°R59	0°D43	29° 8	23°10	27°23	M27
T 28	2 29 55	5°39'10	22°53	18°33	4°51	9°52	0°51	9°46	15°41	7°32	27°59	0°44	29° 5	23°17	27°23	T 28
W29	2 33 52	6°38'09	5♍37	19°57	6° 4	10°28	1° 3	9°48	15°45	7°31	27°59	0°46	29° 1	23°24	27°22	W29
T 30	2 37 48	7°37'11	18° 5	21°24	7°17	11° 4	1°16	9°51	15°49	7°30	27°59	0°47	28°58	23°31	27°22	T 30
F 31	2 41 45	8♏36'15	0♎19	22♎56	8♐30	11♍40	1♏29	9♌53	15♏53	7♓30	27♋58	0°R48	28♍55	23♏37	27♒21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s39	9n54	3s 4	13s 6	4s20	11s18	0n44	14n44	1n 6	8s39	1n 2	17n52	0s14	15s29	0n28	8s44	0s15	15n40	4s50	0s28	0s12	13s52	5s29	7n 0
T 2	4 2	6 24	2 3	12 48	4 17	11 45	0 42	14 32	1 7	8 44	1 2	17 51	0 14	15 30	0 28	8 45	0 15	15 40	4 50	0 29	0 11	13 53	5 30	6 59
F 3	4 25	2 40	0 56	12 27	4 12	12 12	0 40	14 20	1 8	8 48	1 2	17 50	0 14	15 31	0 28	8 45	0 15	15 39	4 50	0 29	0 10	13 54	5 31	6 59
S 4	4 47	1s 8	0n12	12 2	4 5	12 39	0 38	14 8	1 8	8 53	1 2	17 49	0 14	15 32	0 28	8 46	0 16	15 39	4 50	0 29	0 8	13 55	5 32	6 58
S 5	5 10	4 50	1 18	11 34	3 56	13 5	0 35	13 56	1 9	8 58	1 2	17 48	0 13	15 33	0 28	8 46	0 16	15 39	4 50	0 29	0 7	13 56	5 33	6 58
M 6	5 32	8 18	2 20	11 2	3 45	13 31	0 33	13 44	1 9	9 2	1 2	17 47	0 13	15 34	0 28	8 47	0 16	15 39	4 50	0 28	0 6	13 57	5 34	6 58
T 7	5 54	11 24	3 16	10 28	3 33	13 57	0 30	13 32	1 10	9 7	1 2	17 45	0 13	15 35	0 28	8 47	0 16	15 39	4 50	0 28	0 4	13 59	5 35	6 57
W 8	6 17	14 0	4 3	9 52	3 18	14 22	0 28	13 20	1 11	9 11	1 2	17 44	0 13	15 36	0 27	8 48	0 16	15 39	4 50	0 27	0 3	14 0	5 36	6 57
T 9	6 39	16 1	4 39	9 14	3 2	14 47	0 25	13 7	1 11	9 16	1 2	17 43	0 13	15 37	0 27	8 48	0 16	15 39	4 51	0 26	0 2	14 1	5 37	6 56
F 10	7 1	17 21	5 3	8 35	2 45	15 12	0 23	12 55	1 12	9 21	1 2	17 42	0 13	15 38	0 27	8 48	0 16	15 38	4 51	0 25	0 1	14 2	5 38	6 56
S 11	7 23	17 57	5 15	7 56	2 27	15 36	0 20	12 43	1 13	9 25	1 2	17 41	0 13	15 39	0 27	8 49	0 16	15 38	4 51	0 24	0n 1	14 3	5 39	6 55
S 12	7 45	17 44	5 12	7 18	2 7	16 0	0 17	12 30	1 13	9 30	1 2	17 40	0 13	15 40	0 27	8 49	0 16	15 38	4 51	0 24	0 2	14 4	5 40	6 55
M13	8 7	16 41	4 56	6 41	1 47	16 23	0 15	12 18	1 14	9 34	1 2	17 39	0 13	15 41	0 27	8 50	0 16	15 38	4 51	0 23	0 3	14 6	5 41	6 55
T 14	8 29	14 48	4 25	6 7	1 27	16 47	0 12	12 5	1 15	9 39	1 2	17 38	0 13	15 42	0 27	8 50	0 16	15 38	4 51	0 24	0 4	14 7	5 42	6 54
W15	8 50	12 7	3 40	5 36	1 7	17 9	0 9	11 52	1 15	9 43	1 2	17 37	0 13	15 43	0 27	8 50	0 16	15 38	4 51	0 24	0 6	14 8	5 43	6 54
T 16	9 12	8 44	2 41	5 9	0 47	17 32	0 6	11 40	1 16	9 48	1 2	17 36	0 13	15 44	0 27	8 51	0 16	15 38	4 51	0 25	0 7	14 9	5 44	6 53
F 17	9 33	4 45	1 32	4 46	0 28	17 54	0 4	11 27	1 17	9 53	1 2	17 36	0 13	15 46	0 27	8 51	0 16	15 38	4 51	0 25	0 8	14 10	5 45	6 53
S 18	9 54	0 22	0 14	4 27	0 10	18 15	0 1	11 14	1 17	9 57	1 2	17 35	0 13	15 47	0 27	8 52	0 16	15 38	4 51	0 25	0 9	14 11	5 45	6 52
S 19	10 15	4n 9	1s 6	4 13	0n 8	18 36	0s 2	11 2	1 18	10 2	1 2	17 34	0 12	15 48	0 27	8 52	0 16	15 37	4 51	0 25	0 11	14 12	5 46	6 52
M20	10 36	8 30	2 24	4 4	0 24	18 57	0 5	10 49	1 19	10 6	1 2	17 33	0 12	15 49	0 27	8 52	0 16	15 37	4 51	0 25	0 12	14 14	5 47	6 51
T 21	10 57	12 21	3 32	4 0	0 39	19 17	0 8	10 36	1 19	10 11	1 2	17 32	0 12	15 50	0 27	8 53	0 16	15 37	4 51	0 23	0 13	14 15	5 48	6 51
W22	11 17	15 21	4 25	4 1	0 53	19 36	0 11	10 23	1 20	10 15	1 2	17 31	0 12	15 51	0 27	8 53	0 16	15 37	4 51	0 22	0 14	14 16	5 49	6 50
T 23	11 38	17 16	4 59	4 6	1 6	19 55	0 13	10 10	1 20	10 20	1 2	17 31	0 12	15 52	0 27	8 53	0 16	15 37	4 51	0 20	0 16	14 17	5 49	6 50
F 24	11 58	18 0	5 13	4 16	1 17	20 14	0 16	9 58	1 21	10 24	1 2	17 30	0 12	15 53	0 27	8 54	0 16	15 37	4 51	0 19	0 17	14 18	5 50	6 49
S 25	12 18	17 34	5 6	4 30	1 26	20 32	0 19	9 45	1 22	10 29	1 2	17 29	0 12	15 54	0 27	8 54	0 16	15 37	4 51	0 18	0 18	14 19	5 51	6 49
S 26	12 38	16 4	4 42	4 48	1 34	20 49	0 22	9 32	1 22	10 33	1 2	17 29	0 12	15 55	0 27	8 54	0 16	15 37	4 52	0 17	0 19	14 20	5 51	6 48
M27	12 58	13 43	4 3	5 9	1 41	21 6	0 25	9 19	1 23	10 38	1 2	17 28	0 12	15 56	0 27	8 54	0 16	15 37	4 52	0 17	0 21	14 22	5 52	6 48
T 28	13 17	10 44	3 12	5 34	1 47	21 22	0 28	9 6	1 24	10 42	1 2	17 27	0 12	15 57	0 27	8 55	0 16	15 37	4 52	0 17	0 22	14 23	5 53	6 47
W29	13 37	7 18	2 13	6 1	1 51	21 38	0 31	8 53	1 24	10 46	1 2	17 27	0 12	15 58	0 27	8 55	0 16	15 37	4 52	0 18	0 23	14 24	5 53	6 47
T 30	13 56	3 37	1 9	6 30	1 54	21 53	0 34	8 40	1 25	10 51	1 2	17 26	0 12	16 0	0 27	8 55	0 16	15 37	4 52	0 19	0 24	14 25	5 54	6 46
F 31	14s15	0s10	0s 3	7s 2	1n56	22s 8	0s37	8n27	1n26	10s55	1n 2	17n26	0s12	16s 1	0n27	8s55	0s16	15n37	4s52	0s19	0n26	14s26	5s55	6n46

Julian Day Number = 3055564.5, Delta T = 02h28m50s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'27, Lahiri = 47°02'27

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

NOVEMBER 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 45 41	9♏35'21	12♎24	24♎30	9♐43	12♍16	1♏42	9♌55	15♏56	7°R29	27°R58	0°R47	28♍52	23♏44	27°R21	S 1
S 2	2 49 38	10°34'30	24°23	26° 7	10°56	12°52	1°55	9°57	16° 0	7♓29	27♋58	0♎45	28°49	23°51	27♒21	S 2
M 3	2 53 34	11°33'40	6♏16	27°46	12°10	13°27	2° 8	9°59	16° 4	7°28	27°58	0°40	28°46	23°57	27°21	M 3
T 4	2 57 31	12°32'52	18° 7	29°26	13°23	14° 3	2°21	10° 1	16° 8	7°28	27°58	0°34	28°42	24° 4	27°21	T 4
W 5	3 1 27	13°32'06	29°57	1♏ 8	14°36	14°38	2°34	10° 3	16°12	7°27	27°58	0°26	28°39	24°11	27°D21	W 5
T 6	3 5 24	14°31'22	11♐49	2°50	15°49	15°14	2°46	10° 5	16°15	7°27	27°58	0°17	28°36	24°17	27°21	T 6
F 7	3 9 21	15°30'40	23°43	4°34	17° 2	15°49	2°59	10° 6	16°19	7°27	27°57	0° 9	28°33	24°24	27°21	F 7
S 8	3 13 17	16°30'00	5♑42	6°17	18°15	16°24	3°12	10° 8	16°23	7°26	27°57	0° 1	28°30	24°31	27°21	S 8
S 9	3 17 14	17°29'22	17°49	8° 1	19°28	17° 0	3°25	10° 9	16°27	7°26	27°57	29♍55	28°27	24°38	27°21	S 9
M10	3 21 10	18°28'45	0♒ 7	9°45	20°41	17°35	3°37	10°10	16°30	7°26	27°56	29°51	28°23	24°44	27°22	M10
T 11	3 25 7	19°28'10	12°41	11°29	21°54	18°10	3°50	10°11	16°34	7°25	27°56	29°49	28°20	24°51	27°22	T 11
W12	3 29 3	20°27'37	25°33	13°13	23° 7	18°44	4° 3	10°12	16°38	7°25	27°56	29°D49	28°17	24°58	27°22	W12
T 13	3 33 0	21°27'05	8♓49	14°56	24°20	19°19	4°15	10°13	16°42	7°25	27°55	29°50	28°14	25° 4	27°23	T 13
F 14	3 36 56	22°26'34	22°31	16°39	25°33	19°54	4°28	10°14	16°46	7°25	27°55	29°R51	28°11	25°11	27°24	F 14
S 15	3 40 53	23°26'06	6♈41	18°22	26°46	20°28	4°41	10°15	16°49	7°25	27°55	29°51	28° 7	25°18	27°24	S 15
S 16	3 44 50	24°25'39	21°18	20° 4	27°59	21° 3	4°53	10°15	16°53	7°25	27°54	29°49	28° 4	25°24	27°25	S 16
M17	3 48 46	25°25'14	6♉18	21°46	29°12	21°37	5° 6	10°16	16°57	7°25	27°54	29°45	28° 1	25°31	27°26	M17
T 18	3 52 43	26°24'51	21°33	23°27	0♑24	22°11	5°18	10°16	17° 1	7°D25	27°53	29°38	27°58	25°38	27°27	T 18
W19	3 56 39	27°24'29	6♊53	25° 7	1°37	22°45	5°31	10°16	17° 4	7°25	27°53	29°30	27°55	25°45	27°28	W19
T 20	4 0 36	28°24'10	22° 7	26°48	2°50	23°19	5°43	10°17	17° 8	7°25	27°52	29°21	27°52	25°51	27°29	T 20
F 21	4 4 32	29°23'53	7♋ 4	28°27	4° 3	23°53	5°55	10°R17	17°12	7°25	27°52	29°12	27°48	25°58	27°30	F 21
S 22	4 8 29	0♐23'38	21°36	0♐ 6	5°16	24°27	6° 8	10°17	17°16	7°25	27°51	29° 5	27°45	26° 5	27°31	S 22
S 23	4 12 26	1°23'25	5♌40	1°45	6°28	25° 1	6°20	10°16	17°19	7°25	27°51	29° 0	27°42	26°11	27°32	S 23
M24	4 16 22	2°23'14	19°13	3°23	7°41	25°34	6°32	10°16	17°23	7°25	27°50	28°57	27°39	26°18	27°33	M24
T 25	4 20 19	3°23'05	2♍18	5° 1	8°54	26° 8	6°45	10°16	17°27	7°26	27°49	28°D56	27°36	26°25	27°35	T 25
W26	4 24 15	4°22'58	15° 0	6°38	10° 6	26°41	6°57	10°15	17°30	7°26	27°49	28°56	27°33	26°31	27°36	W26
T 27	4 28 12	5°22'53	27°22	8°15	11°19	27°15	7° 9	10°14	17°34	7°26	27°48	28°R57	27°29	26°38	27°38	T 27
F 28	4 32 8	6°22'50	9♎29	9°51	12°31	27°48	7°21	10°14	17°38	7°26	27°47	28°56	27°26	26°45	27°39	F 28
S 29	4 36 5	7°22'50	21°27	11°27	13°44	28°21	7°33	10°13	17°41	7°27	27°47	28°54	27°23	26°52	27°41	S 29
S 30	4 40 1	8♐22'51	3♏19	13♐ 2	14♑56	28♍54	7♏45	10♌12	17♏45	7♓27	27♋46	28♍49	27♍20	26♏58	27♒42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s33	3s54	1n 3	7s35	1n57	22s22	0s40	8n14	1n26	11s 0	1n 2	17n25	0s12	16s 2	0n27	8s56	0s16	15n37	4s52	0s19	0n27	14s27	5s55	6n45
S 2	14 52	7 26	2 5	8 10	1 58	22 35	0 43	8 1	1 27	11 4	1 2	17 25	0 12	16 3	0 27	8 56	0 16	15 37	4 52	0 18	0 28	14 28	5 56	6 45
M 3	15 10	10 39	3 0	8 46	1 57	22 48	0 46	7 48	1 28	11 8	1 2	17 24	0 11	16 4	0 27	8 56	0 16	15 36	4 52	0 16	0 29	14 29	5 56	6 44
T 4	15 28	13 25	3 48	9 22	1 55	23 0	0 48	7 35	1 28	11 13	1 2	17 24	0 11	16 5	0 27	8 56	0 16	15 36	4 52	0 13	0 31	14 31	5 57	6 44
W 5	15 46	15 37	4 26	9 59	1 53	23 12	0 51	7 22	1 29	11 17	1 2	17 23	0 11	16 6	0 27	8 56	0 16	15 36	4 52	0 10	0 32	14 32	5 57	6 43
T 6	16 3	17 10	4 52	10 37	1 50	23 22	0 54	7 9	1 30	11 21	1 2	17 23	0 11	16 7	0 27	8 56	0 16	15 36	4 52	0 7	0 33	14 33	5 58	6 43
F 7	16 20	17 59	5 6	11 15	1 47	23 33	0 57	6 56	1 30	11 26	1 2	17 23	0 11	16 8	0 27	8 57	0 16	15 36	4 52	0 3	0 34	14 34	5 58	6 42
S 8	16 37	18 0	5 6	11 52	1 43	23 42	1 0	6 43	1 31	11 30	1 2	17 22	0 11	16 9	0 27	8 57	0 16	15 36	4 52	0 0	0 36	14 35	5 59	6 42
S 9	16 54	17 12	4 53	12 30	1 39	23 51	1 3	6 30	1 32	11 34	1 2	17 22	0 11	16 10	0 27	8 57	0 16	15 36	4 52	0n 2	0 37	14 36	5 59	6 41
M10	17 10	15 36	4 26	13 7	1 34	23 59	1 5	6 17	1 32	11 38	1 2	17 22	0 11	16 11	0 27	8 57	0 16	15 36	4 52	0 4	0 38	14 37	5 59	6 41
T 11	17 26	13 14	3 46	13 44	1 29	24 7	1 8	6 4	1 33	11 43	1 2	17 21	0 11	16 12	0 27	8 57	0 16	15 36	4 52	0 4	0 39	14 38	6 0	6 40
W12	17 42	10 9	2 54	14 20	1 23	24 14	1 11	5 51	1 34	11 47	1 2	17 21	0 11	16 14	0 27	8 57	0 16	15 36	4 53	0 4	0 41	14 39	6 0	6 40
T 13	17 58	6 29	1 51	14 56	1 18	24 20	1 14	5 38	1 34	11 51	1 2	17 21	0 11	16 15	0 27	8 57	0 16	15 36	4 53	0 4	0 42	14 40	6 0	6 39
F 14	18 13	2 20	0 39	15 31	1 12	24 25	1 16	5 25	1 35	11 55	1 2	17 21	0 11	16 16	0 27	8 57	0 16	15 36	4 53	0 4	0 43	14 41	6 1	6 39
S 15	18 28	2n 4	0s37	16 5	1 6	24 30	1 19	5 13	1 36	11 59	1 2	17 21	0 11	16 17	0 27	8 57	0 16	15 36	4 53	0 4	0 44	14 43	6 1	6 38
S 16	18 42	6 30	1 53	16 39	0 59	24 34	1 21	5 0	1 36	12 3	1 2	17 21	0 10	16 18	0 27	8 57	0 16	15 37	4 53	0 4	0 46	14 44	6 1	6 38
M17	18 57	10 37	3 2	17 11	0 53	24 37	1 24	4 47	1 37	12 8	1 2	17 21	0 10	16 19	0 27	8 57	0 16	15 37	4 53	0 6	0 47	14 45	6 1	6 37
T 18	19 11	14 7	4 0	17 43	0 46	24 40	1 27	4 34	1 38	12 12	1 2	17 21	0 10	16 20	0 27	8 57	0 16	15 37	4 53	0 9	0 48	14 46	6 1	6 37
W19	19 24	16 38	4 41	18 14	0 40	24 42	1 29	4 21	1 38	12 16	1 2	17 21	0 10	16 21	0 27	8 57	0 16	15 37	4 53	0 12	0 49	14 47	6 2	6 36
T 20	19 38	17 58	5 2	18 44	0 33	24 43	1 31	4 9	1 39	12 20	1 2	17 21	0 10	16 22	0 27	8 57	0 16	15 37	4 53	0 15	0 51	14 48	6 2	6 36
F 21	19 50	18 1	5 2	19 13	0 26	24 44	1 34	3 56	1 40	12 24	1 2	17 21	0 10	16 23	0 27	8 57	0 16	15 37	4 53	0 19	0 52	14 49	6 2	6 35
S 22	20 3	16 52	4 42	19 41	0 19	24 43	1 36	3 43	1 40	12 28	1 2	17 21	0 10	16 24	0 27	8 57	0 16	15 37	4 53	0 22	0 53	14 50	6 2	6 35
S 23	20 15	14 43	4 5	20 8	0 12	24 42	1 38	3 31	1 41	12 32	1 3	17 21	0 10	16 25	0 27	8 57	0 16	15 37	4 53	0 24	0 54	14 51	6 2	6 34
M24	20 27	11 50	3 15	20 33	0 5	24 41	1 41	3 18	1 42	12 36	1 3	17 21	0 10	16 26	0 27	8 57	0 16	15 37	4 53	0 25	0 56	14 52	6 2	6 34
T 25	20 39	8 25	2 17	20 58	0s 1	24 38	1 43	3 6	1 42	12 39	1 3	17 21	0 10	16 27	0 27	8 57	0 16	15 37	4 53	0 25	0 57	14 53	6 2	6 33
W26	20 50	4 43	1 14	21 22	0 8	24 35	1 45	2 53	1 43	12 43	1 3	17 22	0 10	16 28	0 27	8 57	0 16	15 37	4 53	0 25	0 58	14 54	6 2	6 33
T 27	21 0	0 55	0 8	21 44	0 15	24 32	1 47	2 41	1 44	12 47	1 3	17 22	0 10	16 29	0 27	8 57	0 16	15 37	4 53	0 25	0 59	14 55	6 2	6 32
F 28	21 11	2s52	0n56	22 5	0 22	24 27	1 49	2 28	1 44	12 51	1 3	17 22	0 9	16 30	0 27	8 57	0 16	15 37	4 53	0 25	1 1	14 56	6 2	6 32
S 29	21 21	6 29	1 57	22 25	0 29	24 22	1 51	2 16	1 45	12 55	1 3	17 22	0 9	16 31	0 27	8 56	0 16	15 37	4 53	0 26	1 2	14 58	6 2	6 31
S 30	21s30	9s49	2n52	22s44	0s35	24s16	1s53	2n 3	1n46	12s59	1n 3	17n23	0s 9	16s32	0n27	8s56	0s16	15n37	4s53	0n28	1n 3	14s59	6s 2	6n31

Julian Day Number = 3055595.5, Delta T = 02h28m51s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'31, Lahiri = 47°02'32

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ASTRODIENST EPHEMERIS for the year 3653
geocentric

DECEMBER 3653 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 43 58	9♐22'55	15♏ 8	14♐37	16♑ 9	29♍26	7♏57	10°R11	17♏48	7♓28	27°R45	28°R41	27♍17	27♏ 5	27♒44	M 1
T 2	4 47 54	10°23'00	26°58	16°12	17°21	29°59	8° 9	10♌10	17°52	7°28	27♋45	28♍30	27°13	27°12	27°46	T 2
W 3	4 51 51	11°23'07	8♐51	17°46	18°34	0♎31	8°21	10° 8	17°56	7°29	27°44	28°17	27°10	27°18	27°48	W 3
T 4	4 55 48	12°23'16	20°46	19°20	19°46	1° 4	8°33	10° 7	17°59	7°29	27°43	28° 3	27° 7	27°25	27°50	T 4
F 5	4 59 44	13°23'26	2♑47	20°53	20°59	1°36	8°44	10° 5	18° 3	7°30	27°42	27°49	27° 4	27°32	27°52	F 5
S 6	5 3 41	14°23'39	14°54	22°26	22°11	2° 8	8°56	10° 4	18° 6	7°30	27°41	27°36	27° 1	27°38	27°54	S 6
S 7	5 7 37	15°23'52	27° 8	23°59	23°23	2°40	9° 8	10° 2	18°10	7°31	27°41	27°25	26°58	27°45	27°56	S 7
M 8	5 11 34	16°24'07	9♒32	25°32	24°35	3°12	9°19	10° 0	18°13	7°32	27°40	27°18	26°54	27°52	27°58	M 8
T 9	5 15 30	17°24'24	22° 8	27° 4	25°48	3°43	9°31	9°58	18°17	7°32	27°39	27°13	26°51	27°59	28° 0	T 9
W10	5 19 27	18°24'42	5♓ 0	28°36	27° 0	4°15	9°42	9°56	18°20	7°33	27°38	27°11	26°48	28° 5	28° 2	W10
T 11	5 23 24	19°25'01	18°10	0♑ 8	28°12	4°46	9°53	9°54	18°23	7°34	27°37	27°10	26°45	28°12	28° 5	T 11
F 12	5 27 20	20°25'21	1♈41	1°39	29°24	5°17	10° 5	9°52	18°27	7°35	27°36	27°10	26°42	28°19	28° 7	F 12
S 13	5 31 17	21°25'43	15°38	3°10	0♒36	5°48	10°16	9°49	18°30	7°35	27°35	27° 9	26°38	28°25	28°10	S 13
S 14	5 35 13	22°26'06	29°59	4°41	1°48	6°19	10°27	9°47	18°33	7°36	27°34	27° 6	26°35	28°32	28°12	S 14
M15	5 39 10	23°26'30	14♉44	6°12	3° 0	6°50	10°38	9°44	18°37	7°37	27°33	27° 1	26°32	28°39	28°15	M15
T 16	5 43 6	24°26'56	29°46	7°42	4°12	7°20	10°49	9°42	18°40	7°38	27°32	26°53	26°29	28°46	28°17	T 16
W17	5 47 3	25°27'23	14♊59	9°12	5°24	7°51	11° 0	9°39	18°43	7°39	27°31	26°42	26°26	28°52	28°20	W17
T 18	5 50 59	26°27'51	0♋10	10°42	6°35	8°21	11°11	9°36	18°46	7°40	27°30	26°30	26°23	28°59	28°23	T 18
F 19	5 54 56	27°28'21	15°10	12°11	7°47	8°51	11°22	9°33	18°50	7°41	27°29	26°19	26°19	29° 6	28°25	F 19
S 20	5 58 53	28°28'52	29°49	13°40	8°59	9°21	11°32	9°30	18°53	7°42	27°28	26° 9	26°16	29°12	28°28	S 20
S 21	6 2 49	29°29'25	14♌ 0	15° 9	10°10	9°51	11°43	9°27	18°56	7°43	27°27	26° 1	26°13	29°19	28°31	S 21
M22	6 6 46	0♑30'00	27°42	16°37	11°22	10°20	11°53	9°24	18°59	7°44	27°26	25°57	26°10	29°26	28°34	M22
T 23	6 10 42	1°30'35	10♍54	18° 4	12°33	10°49	12° 4	9°21	19° 2	7°45	27°25	25°54	26° 7	29°33	28°37	T 23
W24	6 14 39	2°31'13	23°39	19°31	13°44	11°19	12°14	9°17	19° 5	7°47	27°24	25°D54	26° 4	29°39	28°40	W24
T 25	6 18 35	3°31'52	6♎ 3	20°57	14°56	11°47	12°24	9°14	19° 8	7°48	27°23	25°R54	26° 0	29°46	28°43	T 25
F 26	6 22 32	4°32'32	18°11	22°23	16° 7	12°16	12°34	9°10	19°11	7°49	27°22	25°53	25°57	29°53	28°46	F 26
S 27	6 26 28	5°33'14	0♏ 8	23°48	17°18	12°45	12°45	9° 7	19°14	7°50	27°21	25°51	25°54	29°59	28°50	S 27
S 28	6 30 25	6°33'58	11°58	25°11	18°29	13°13	12°55	9° 3	19°17	7°52	27°20	25°46	25°51	0♐ 6	28°53	S 28
M29	6 34 22	7°34'43	23°47	26°34	19°40	13°41	13° 4	8°59	19°20	7°53	27°19	25°38	25°48	0°13	28°56	M29
T 30	6 38 18	8°35'29	5♐38	27°55	20°51	14° 9	13°14	8°55	19°22	7°54	27°18	25°27	25°44	0°19	28°59	T 30
W31	6 42 15	9♑36'16	17♐34	29♑14	22♒ 2	14♎37	13♏24	8♌52	19♏25	7♓56	27♋16	25♍15	25♍41	0♐26	29♒ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s39	12s44	3n39	23s 2	0s42	24s 9	1s55	1n51	1n47	13s 2	1n 3	17n23	0s 9	16s33	0n27	8s56	0s16	15n38	4s53	0n31	1n 4	15s 0	6s 2	6n30
T 2	21 48	15 8	4 17	23 19	0 48	24 2	1 56	1 39	1 47	13 6	1 3	17 24	0 9	16 34	0 27	8 56	0 16	15 38	4 53	0 36	1 6	15 1	6 2	6 30
W 3	21 57	16 54	4 44	23 34	0 55	23 54	1 58	1 27	1 48	13 10	1 3	17 24	0 9	16 35	0 27	8 56	0 16	15 38	4 53	0 41	1 7	15 2	6 1	6 29
T 4	22 5	17 57	4 58	23 49	1 1	23 45	2 0	1 15	1 49	13 13	1 3	17 24	0 9	16 36	0 27	8 56	0 16	15 38	4 53	0 46	1 8	15 3	6 1	6 29
F 5	22 12	18 12	4 59	24 2	1 7	23 36	2 1	1 3	1 49	13 17	1 3	17 25	0 9	16 37	0 27	8 55	0 16	15 38	4 53	0 52	1 9	15 4	6 1	6 28
S 6	22 19	17 39	4 47	24 13	1 13	23 26	2 3	0 51	1 50	13 21	1 4	17 25	0 9	16 38	0 27	8 55	0 16	15 38	4 53	0 57	1 11	15 5	6 1	6 28
S 7	22 26	16 16	4 22	24 24	1 19	23 15	2 4	0 39	1 51	13 24	1 4	17 26	0 9	16 39	0 27	8 55	0 16	15 38	4 54	1 1	1 12	15 6	6 0	6 28
M 8	22 32	14 7	3 43	24 33	1 24	23 4	2 5	0 27	1 51	13 28	1 4	17 27	0 9	16 40	0 27	8 55	0 16	15 38	4 54	1 4	1 13	15 7	6 0	6 27
T 9	22 38	11 16	2 54	24 41	1 30	22 52	2 7	0 15	1 52	13 31	1 4	17 27	0 9	16 41	0 27	8 54	0 16	15 39	4 54	1 6	1 14	15 8	6 0	6 27
W10	22 43	7 49	1 54	24 48	1 35	22 40	2 8	0 3	1 53	13 35	1 4	17 28	0 8	16 42	0 27	8 54	0 16	15 39	4 54	1 7	1 16	15 9	6 0	6 26
T 11	22 48	3 55	0 47	24 54	1 40	22 26	2 9	0s 8	1 54	13 38	1 4	17 28	0 8	16 43	0 27	8 54	0 16	15 39	4 54	1 7	1 17	15 10	5 59	6 26
F 12	22 53	0n18	0s24	24 58	1 45	22 13	2 10	0 20	1 54	13 42	1 4	17 29	0 8	16 44	0 27	8 54	0 16	15 39	4 54	1 7	1 18	15 11	5 59	6 25
S 13	22 57	4 37	1 36	25 1	1 50	21 58	2 11	0 31	1 55	13 45	1 4	17 30	0 8	16 45	0 27	8 53	0 16	15 39	4 54	1 7	1 19	15 12	5 58	6 25
S 14	23 1	8 48	2 44	25 3	1 54	21 43	2 12	0 43	1 56	13 48	1 4	17 31	0 8	16 46	0 27	8 53	0 16	15 39	4 54	1 8	1 21	15 13	5 58	6 24
M15	23 4	12 33	3 43	25 3	1 58	21 28	2 12	0 54	1 57	13 52	1 4	17 31	0 8	16 46	0 27	8 53	0 16	15 40	4 54	1 11	1 22	15 14	5 58	6 24
T 16	23 7	15 33	4 28	25 2	2 2	21 11	2 13	1 5	1 57	13 55	1 4	17 32	0 8	16 47	0 27	8 52	0 16	15 40	4 54	1 14	1 23	15 15	5 57	6 24
W17	23 9	17 31	4 54	25 0	2 6	20 55	2 13	1 16	1 58	13 58	1 5	17 33	0 8	16 48	0 27	8 52	0 16	15 40	4 54	1 18	1 24	15 16	5 57	6 23
T 18	23 11	18 14	5 0	24 57	2 10	20 37	2 14	1 28	1 59	14 1	1 5	17 34	0 8	16 49	0 27	8 52	0 16	15 40	4 54	1 23	1 26	15 17	5 56	6 23
F 19	23 12	17 40	4 44	24 52	2 13	20 19	2 14	1 39	2 0	14 4	1 5	17 35	0 8	16 50	0 27	8 51	0 16	15 40	4 54	1 27	1 27	15 18	5 56	6 22
S 20	23 13	15 55	4 10	24 46	2 15	20 1	2 14	1 50	2 0	14 8	1 5	17 35	0 8	16 51	0 27	8 51	0 16	15 40	4 54	1 31	1 28	15 19	5 55	6 22
S 21	23 13	13 15	3 22	24 39	2 18	19 42	2 15	2 0	2 1	14 11	1 5	17 36	0 7	16 52	0 27	8 50	0 16	15 41	4 54	1 34	1 29	15 20	5 54	6 21
M22	23 13	9 55	2 23	24 31	2 20	19 22	2 15	2 11	2 2	14 14	1 5	17 37	0 7	16 52	0 27	8 50	0 16	15 41	4 54	1 36	1 31	15 21	5 54	6 21
T 23	23 13	6 12	1 19	24 21	2 21	19 2	2 15	2 22	2 3	14 17	1 5	17 38	0 7	16 53	0 27	8 50	0 16	15 41	4 54	1 37	1 32	15 22	5 53	6 21
W24	23 12	2 19	0 12	24 10	2 23	18 42	2 14	2 32	2 3	14 20	1 5	17 39	0 7	16 54	0 27	8 49	0 16	15 41	4 54	1 37	1 33	15 23	5 52	6 20
T 25	23 11	1s34	0n54	23 58	2 24	18 21	2 14	2 43	2 4	14 23	1 6	17 40	0 7	16 55	0 27	8 49	0 16	15 41	4 54	1 37	1 34	15 24	5 52	6 20
F 26	23 9	5 17	1 55	23 45	2 24	18 0	2 14	2 53	2 5	14 26	1 6	17 41	0 7	16 56	0 27	8 48	0 16	15 42	4 54	1 37	1 36	15 25	5 51	6 19
S 27	23 7	8 45	2 51	23 31	2 24	17 38	2 13	3 4	2 6	14 29	1 6	17 42	0 7	16 56	0 27	8 48	0 16	15 42	4 54	1 38	1 37	15 26	5 50	6 19
S 28	23 4	11 49	3 38	23 15	2 23	17 15	2 13	3 14	2 6	14 31	1 6	17 43	0 7	16 57	0 27	8 47	0 16	15 42	4 54	1 40	1 38	15 27	5 50	6 19
M29	23 1	14 25	4 16	22 58	2 22	16 53	2 12	3 24	2 7	14 34	1 6	17 44	0 7	16 58	0 27	8 47	0 16	15 42	4 54	1 43	1 39	15 28	5 49	6 18
T 30	22 57	16 24	4 43	22 41	2 20	16 29	2 11	3 34	2 8	14 37	1 6	17 46	0 7	16 59	0 27	8 46	0 16	15 43	4 54	1 47	1 41	15 29	5 48	6 18
W31	22s53	17s42	4n58	22s22	2s18	16s 6	2s10	3s44	2n 9	14s40	1n 6	17n47	0s 7	16s59	0n27	8s46	0s16	15n43	4s54	1n52	1n42	15s30	5s47	6n18

Julian Day Number = 3055625.5, Delta T = 02h28m52s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'35, Lahiri = 47°02'36

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

JANUARY 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 46 11	10♉37'05	29♐37	0♒32	23♒12	15♎ 4	13♏33	8°R48	19♏28	7♓57	27°R15	25°R 1	25♍38	0♐33	29♒ 6	T 1
F 2	6 50 8	11°37'55	11♉48	1°47	24°23	15°32	13°43	8♌43	19°31	7°59	27♋14	24♍46	25°35	0°40	29°10	F 2
S 3	6 54 4	12°38'45	24° 7	3° 0	25°33	15°59	13°52	8°39	19°33	8° 0	27°13	24°34	25°32	0°46	29°13	S 3
S 4	6 58 1	13°39'37	6♒36	4°10	26°44	16°26	14° 2	8°35	19°36	8° 1	27°12	24°23	25°29	0°53	29°17	S 4
M 5	7 1 58	14°40'29	19°14	5°17	27°54	16°52	14°11	8°31	19°38	8° 3	27°11	24°15	25°25	1° 0	29°20	M 5
T 6	7 5 54	15°41'23	2♓ 3	6°20	29° 4	17°18	14°20	8°27	19°41	8° 5	27° 9	24°10	25°22	1° 6	29°24	T 6
W 7	7 9 51	16°42'16	15° 4	7°19	0♓14	17°44	14°29	8°22	19°43	8° 6	27° 8	24° 8	25°19	1°13	29°28	W 7
T 8	7 13 47	17°43'11	28°19	8°12	1°24	18°10	14°37	8°18	19°46	8° 8	27° 7	24°D 8	25°16	1°20	29°31	T 8
F 9	7 17 44	18°44'06	11♈49	9° 0	2°34	18°36	14°46	8°13	19°48	8° 9	27° 6	24°R 8	25°13	1°27	29°35	F 9
S 10	7 21 40	19°45'01	25°38	9°41	3°44	19° 1	14°55	8° 9	19°51	8°11	27° 5	24° 8	25°10	1°33	29°39	S 10
S 11	7 25 37	20°45'57	9♉44	10°14	4°54	19°26	15° 3	8° 4	19°53	8°13	27° 4	24° 6	25° 6	1°40	29°43	S 11
M12	7 29 33	21°46'53	24° 9	10°40	6° 3	19°51	15°11	8° 0	19°55	8°14	27° 2	24° 3	25° 3	1°47	29°47	M12
T 13	7 33 30	22°47'50	8♊49	10°56	7°12	20°15	15°20	7°55	19°57	8°16	27° 1	23°56	25° 0	1°53	29°50	T 13
W14	7 37 27	23°48'47	23°38	11°R 2	8°22	20°39	15°28	7°50	20° 0	8°18	27° 0	23°48	24°57	2° 0	29°54	W14
T 15	7 41 23	24°49'45	8♋28	10°57	9°31	21° 3	15°36	7°46	20° 2	8°20	26°59	23°38	24°54	2° 7	29°58	T 15
F 16	7 45 20	25°50'43	23°12	10°41	10°39	21°27	15°44	7°41	20° 4	8°21	26°58	23°29	24°50	2°14	0♓ 2	F 16
S 17	7 49 16	26°51'42	7♌42	10°13	11°48	21°50	15°51	7°36	20° 6	8°23	26°56	23°20	24°47	2°20	0° 6	S 17
S 18	7 53 13	27°52'41	21°49	9°34	12°57	22°13	15°59	7°31	20° 8	8°25	26°55	23°14	24°44	2°27	0°10	S 18
M19	7 57 9	28°53'41	5♍31	8°43	14° 5	22°36	16° 6	7°26	20°10	8°27	26°54	23°10	24°41	2°34	0°15	M19
T 20	8 1 6	29°54'41	18°47	7°42	15°13	22°58	16°14	7°22	20°12	8°29	26°53	23°D 9	24°38	2°40	0°19	T 20
W21	8 5 2	0♒55'42	1♎38	6°32	16°21	23°20	16°21	7°17	20°13	8°31	26°51	23° 9	24°35	2°47	0°23	W21
T 22	8 8 59	1°56'44	14° 7	5°16	17°29	23°42	16°28	7°12	20°15	8°32	26°50	23°10	24°31	2°54	0°27	T 22
F 23	8 12 56	2°57'46	26°18	3°55	18°37	24° 3	16°35	7° 7	20°17	8°34	26°49	23°11	24°28	3° 1	0°31	F 23
S 24	8 16 52	3°58'49	8♏18	2°33	19°44	24°24	16°41	7° 2	20°19	8°36	26°48	23°R11	24°25	3° 7	0°35	S 24
S 25	8 20 49	4°59'52	20°10	1°12	20°52	24°45	16°48	6°57	20°20	8°38	26°47	23°10	24°22	3°14	0°40	S 25
M26	8 24 45	6° 0'56	2♐ 0	29♉54	21°59	25° 5	16°55	6°52	20°22	8°40	26°45	23° 6	24°19	3°21	0°44	M26
T 27	8 28 42	7° 2'00	13°53	28°43	23° 6	25°25	17° 1	6°47	20°23	8°42	26°44	23° 0	24°16	3°27	0°48	T 27
W28	8 32 38	8° 3'05	25°53	27°40	24°12	25°44	17° 7	6°42	20°25	8°44	26°43	22°53	24°12	3°34	0°52	W28
T 29	8 36 35	9° 4'10	8♉ 2	26°45	25°19	26° 4	17°13	6°37	20°26	8°46	26°42	22°45	24° 9	3°41	0°57	T 29
F 30	8 40 31	10° 5'15	20°22	26° 1	26°25	26°22	17°19	6°32	20°28	8°48	26°41	22°36	24° 6	3°48	1° 1	F 30
S 31	8 44 28	11♒ 6'20	2♒55	25♉26	27♓31	26♎41	17♏25	6♌27	20♏29	8♓50	26♋40	22♍28	24♍ 3	3♐54	1♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s48	18s14	4n59	22s 3	2s14	15s42	2s 9	3s53	2n10	14s42	1n 6	17n48	0s 6	17s 0	0n27	8s45	0s16	15n43	4s54	1n58	1n43	15s31	5s47	6n17
F 2	22 43	17 56	4 48	21 42	2 10	15 17	2 8	4 3	2 10	14 45	1 7	17 49	0 6	17 1	0 27	8 45	0 16	15 43	4 54	2 3	1 44	15 32	5 46	6 17
S 3	22 38	16 47	4 22	21 21	2 6	14 53	2 7	4 13	2 11	14 48	1 7	17 50	0 6	17 2	0 27	8 44	0 16	15 43	4 54	2 9	1 46	15 33	5 45	6 16
S 4	22 32	14 50	3 44	20 59	2 0	14 28	2 5	4 22	2 12	14 50	1 7	17 51	0 6	17 2	0 27	8 44	0 16	15 44	4 54	2 13	1 47	15 34	5 44	6 16
M 5	22 25	12 10	2 54	20 37	1 54	14 2	2 4	4 31	2 13	14 53	1 7	17 52	0 6	17 3	0 27	8 43	0 16	15 44	4 54	2 16	1 48	15 35	5 43	6 16
T 6	22 19	8 52	1 54	20 15	1 47	13 36	2 2	4 41	2 14	14 55	1 7	17 54	0 6	17 4	0 27	8 43	0 16	15 44	4 53	2 18	1 49	15 36	5 42	6 15
W 7	22 11	5 6	0 48	19 52	1 38	13 10	2 1	4 50	2 14	14 58	1 7	17 55	0 6	17 4	0 27	8 42	0 16	15 44	4 53	2 19	1 51	15 37	5 41	6 15
T 8	22 4	1 0	0s22	19 29	1 29	12 44	1 59	4 59	2 15	15 0	1 8	17 56	0 6	17 5	0 27	8 41	0 16	15 45	4 53	2 19	1 52	15 38	5 40	6 15
F 9	21 56	3n12	1 33	19 7	1 19	12 17	1 57	5 7	2 16	15 3	1 8	17 57	0 6	17 5	0 27	8 41	0 16	15 45	4 53	2 19	1 53	15 39	5 39	6 14
S 10	21 47	7 20	2 40	18 45	1 7	11 50	1 55	5 16	2 17	15 5	1 8	17 59	0 6	17 6	0 27	8 40	0 16	15 45	4 53	2 19	1 54	15 40	5 38	6 14
S 11	21 38	11 9	3 38	18 23	0 54	11 23	1 53	5 25	2 18	15 7	1 8	18 0	0 5	17 7	0 27	8 40	0 16	15 45	4 53	2 19	1 56	15 41	5 37	6 14
M12	21 29	14 22	4 24	18 3	0 40	10 55	1 50	5 33	2 19	15 9	1 8	18 1	0 5	17 7	0 27	8 39	0 16	15 46	4 53	2 21	1 57	15 42	5 36	6 14
T 13	21 19	16 44	4 54	17 44	0 25	10 28	1 48	5 41	2 19	15 12	1 8	18 2	0 5	17 8	0 27	8 38	0 16	15 46	4 53	2 23	1 58	15 43	5 35	6 13
W14	21 9	18 1	5 4	17 27	0 9	10 0	1 45	5 50	2 20	15 14	1 8	18 4	0 5	17 8	0 27	8 38	0 16	15 46	4 53	2 27	1 59	15 44	5 34	6 13
T 15	20 58	18 4	4 54	17 11	0n 9	9 31	1 43	5 58	2 21	15 16	1 9	18 5	0 5	17 9	0 27	8 37	0 16	15 47	4 53	2 30	2 1	15 45	5 33	6 13
F 16	20 47	16 54	4 25	16 58	0 27	9 3	1 40	6 6	2 22	15 18	1 9	18 6	0 5	17 10	0 27	8 36	0 16	15 47	4 53	2 34	2 2	15 45	5 32	6 12
S 17	20 36	14 39	3 38	16 47	0 46	8 34	1 37	6 13	2 23	15 20	1 9	18 8	0 5	17 10	0 27	8 36	0 16	15 47	4 53	2 37	2 3	15 46	5 31	6 12
S 18	20 24	11 35	2 40	16 39	1 5	8 5	1 34	6 21	2 24	15 22	1 9	18 9	0 5	17 11	0 27	8 35	0 16	15 47	4 53	2 40	2 4	15 47	5 30	6 12
M19	20 12	7 57	1 33	16 33	1 25	7 36	1 31	6 28	2 25	15 24	1 9	18 10	0 5	17 11	0 27	8 34	0 16	15 48	4 53	2 41	2 6	15 48	5 29	6 12
T 20	19 59	4 2	0 23	16 30	1 44	7 7	1 27	6 36	2 25	15 26	1 10	18 12	0 5	17 12	0 27	8 34	0 16	15 48	4 53	2 42	2 7	15 49	5 27	6 11
W21	19 46	0 3	0n46	16 30	2 2	6 38	1 24	6 43	2 26	15 28	1 10	18 13	0 4	17 12	0 27	8 33	0 16	15 48	4 53	2 42	2 8	15 50	5 26	6 11
T 22	19 33	3s49	1 50	16 32	2 19	6 8	1 21	6 50	2 27	15 30	1 10	18 14	0 4	17 12	0 27	8 32	0 16	15 48	4 53	2 41	2 9	15 51	5 25	6 11
F 23	19 19	7 26	2 49	16 36	2 34	5 39	1 17	6 57	2 28	15 31	1 10	18 16	0 4	17 13	0 27	8 32	0 16	15 49	4 53	2 41	2 11	15 52	5 24	6 11
S 24	19 5	10 41	3 39	16 42	2 47	5 9	1 13	7 4	2 29	15 33	1 10	18 17	0 4	17 13	0 27	8 31	0 16	15 49	4 53	2 41	2 12	15 53	5 23	6 10
S 25	18 51	13 28	4 19	16 49	2 58	4 39	1 9	7 10	2 30	15 35	1 10	18 18	0 4	17 14	0 28	8 30	0 16	15 49	4 53	2 42	2 13	15 54	5 21	6 10
M26	18 36	15 40	4 48	16 57	3 6	4 9	1 5	7 17	2 31	15 36	1 11	18 20	0 4	17 14	0 28	8 29	0 16	15 50	4 52	2 43	2 14	15 55	5 20	6 10
T 27	18 21	17 14	5 4	17 6	3 12	3 39	1 1	7 23	2 32	15 38	1 11	18 21	0 4	17 15	0 28	8 29	0 16	15 50	4 52	2 45	2 16	15 56	5 19	6 10
W28	18 5	18 2	5 8	17 16	3 15	3 9	0 57	7 29	2 33	15 40	1 11	18 22	0 4	17 15	0 28	8 28	0 16	15 50	4 52	2 48	2 17	15 57	5 17	6 10
T 29	17 50	18 2	4 57	17 25	3 15	2 39	0 52	7 35	2 34	15 41	1 11	18 24	0 4	17 15	0 28	8 27	0 16	15 50	4 52	2 51	2 18	15 58	5 16	6 9
F 30	17 34	17 12	4 33	17 35	3 14	2 9	0 48	7 41	2 34	15 42	1 11	18 25	0 3	17 16	0 28	8 26	0 16	15 51	4 52	2 55	2 19	15 58	5 15	6 9
S 31	17s17	15s30	3n55	17s44	3n11	1s39	0s43	7s47	2n35	15s44	1n12	18n26	0s 3	17s16	0n28	8s26	0s16	15n51	4s52	2n58	2n21	15s59	5s14	6n 9

Julian Day Number = 3055656.5, Delta T = 02h28m53s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'40, Lahiri = 47°02'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3654
geocentric

FEBRUARY 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 48 25	12♒ 7'26	15♒42	25°R 2	28♓36	26♎58	17♏30	6°R23	20♏30	8♓52	26°R38	22°R22	24♍ 0	4♐ 1	1♓10	S 1
M 2	8 52 21	13° 8'31	28°40	24♉48	29°42	27°16	17°35	6♌18	20°31	8°55	26♋37	22♍17	23°56	4° 8	1°14	M 2
T 3	8 56 18	14° 9'36	11♓51	24°D43	0♈47	27°33	17°41	6°13	20°33	8°57	26°36	22°15	23°53	4°14	1°19	T 3
W 4	9 0 14	15°10'41	25°14	24°47	1°52	27°49	17°46	6° 8	20°34	8°59	26°35	22°D15	23°50	4°21	1°23	W 4
T 5	9 4 11	16°11'45	8♈47	24°59	2°57	28° 5	17°51	6° 3	20°35	9° 1	26°34	22°15	23°47	4°28	1°28	T 5
F 6	9 8 7	17°12'49	22°30	25°19	4° 1	28°21	17°55	5°58	20°36	9° 3	26°33	22°17	23°44	4°35	1°32	F 6
S 7	9 12 4	18°13'53	6♉24	25°45	5° 5	28°36	18° 0	5°54	20°37	9° 5	26°32	22°18	23°41	4°41	1°37	S 7
S 8	9 16 0	19°14'56	20°27	26°18	6° 9	28°51	18° 4	5°49	20°38	9° 7	26°30	22°R19	23°37	4°48	1°41	S 8
M 9	9 19 57	20°15'59	4♊39	26°56	7°12	29° 5	18° 9	5°44	20°38	9° 9	26°29	22°18	23°34	4°55	1°46	M 9
T 10	9 23 54	21°17'01	18°58	27°39	8°15	29°18	18°13	5°39	20°39	9°12	26°28	22°16	23°31	5° 1	1°50	T 10
W11	9 27 50	22°18'02	3♋20	28°27	9°18	29°31	18°17	5°35	20°40	9°14	26°27	22°12	23°28	5° 8	1°55	W11
T 12	9 31 47	23°19'03	17°41	29°19	10°20	29°44	18°20	5°30	20°41	9°16	26°26	22° 8	23°25	5°15	1°59	T 12
F 13	9 35 43	24°20'03	1♌56	0♒14	11°22	29°56	18°24	5°26	20°41	9°18	26°25	22° 3	23°22	5°22	2° 4	F 13
S 14	9 39 40	25°21'02	16° 0	1°13	12°23	0♏ 8	18°27	5°21	20°42	9°20	26°24	21°59	23°18	5°28	2° 8	S 14
S 15	9 43 36	26°22'01	29°49	2°15	13°24	0°18	18°30	5°17	20°42	9°23	26°23	21°57	23°15	5°35	2°13	S 15
M16	9 47 33	27°23'00	13♍19	3°19	14°25	0°29	18°33	5°12	20°43	9°25	26°22	21°55	23°12	5°42	2°18	M16
T 17	9 51 29	28°23'57	26°29	4°26	15°25	0°39	18°36	5° 8	20°43	9°27	26°21	21°D55	23° 9	5°48	2°22	T 17
W18	9 55 26	29°24'55	9♎18	5°35	16°25	0°48	18°39	5° 4	20°43	9°29	26°20	21°56	23° 6	5°55	2°27	W18
T 19	9 59 23	0♓25'52	21°49	6°46	17°24	0°56	18°41	5° 0	20°44	9°32	26°19	21°57	23° 2	6° 2	2°31	T 19
F 20	10 3 19	1°26'48	4♏ 3	7°59	18°23	1° 4	18°44	4°55	20°44	9°34	26°18	21°59	22°59	6° 9	2°36	F 20
S 21	10 7 16	2°27'44	16° 5	9°14	19°22	1°12	18°46	4°51	20°44	9°36	26°17	22° 0	22°56	6°15	2°40	S 21
S 22	10 11 12	3°28'40	28° 0	10°30	20°19	1°18	18°48	4°47	20°44	9°38	26°16	22° 1	22°53	6°22	2°45	S 22
M23	10 15 9	4°29'35	9♐52	11°48	21°17	1°25	18°49	4°43	20°R44	9°41	26°15	22°R 1	22°50	6°29	2°50	M23
T 24	10 19 5	5°30'30	21°46	13° 7	22°14	1°30	18°51	4°39	20°44	9°43	26°14	22° 0	22°47	6°35	2°54	T 24
W25	10 23 2	6°31'24	3♑47	14°27	23°10	1°35	18°52	4°36	20°44	9°45	26°13	21°59	22°43	6°42	2°59	W25
T 26	10 26 58	7°32'17	15°58	15°48	24° 5	1°39	18°54	4°32	20°44	9°48	26°13	21°57	22°40	6°49	3° 3	T 26
F 27	10 30 55	8°33'10	28°24	17°11	25° 0	1°42	18°54	4°28	20°44	9°50	26°12	21°55	22°37	6°56	3° 8	F 27
S 28	10 34 52	9♓34'02	11♒ 6	18♒35	25♈55	1♏45	18♏55	4♌25	20♏44	9♓52	26♋11	21♍53	22♍34	7♐ 2	3♓12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 0	13s 2	3n 5	17s53	3n 6	1s 8	0s39	7s52	2n36	15s45	1n12	18n28	0s 3	17s16	0n28	8s25	0s16	15n51	4s52	3n 0	2n22	16s 0	5s12	6n 9
M 2	16 43	9 53	2 5	18 2	3 0	0 38	0 34	7 57	2 37	15 46	1 12	18 29	0 3	17 17	0 28	8 24	0 16	15 52	4 52	3 2	2 23	16 1	5 11	6 9
T 3	16 26	6 11	0 56	18 10	2 52	0 8	0 29	8 3	2 38	15 48	1 12	18 30	0 3	17 17	0 28	8 23	0 16	15 52	4 52	3 3	2 24	16 2	5 9	6 8
W 4	16 8	2 8	0s16	18 17	2 44	0n22	0 24	8 8	2 39	15 49	1 12	18 31	0 3	17 17	0 28	8 23	0 16	15 52	4 52	3 3	2 26	16 3	5 8	6 8
T 5	15 50	2n 5	1 29	18 24	2 35	0 53	0 19	8 12	2 40	15 50	1 13	18 33	0 3	17 17	0 28	8 22	0 16	15 53	4 52	3 3	2 27	16 4	5 7	6 8
F 6	15 32	6 14	2 38	18 29	2 26	1 23	0 13	8 17	2 41	15 51	1 13	18 34	0 3	17 18	0 28	8 21	0 16	15 53	4 52	3 2	2 28	16 5	5 5	6 8
S 7	15 14	10 6	3 38	18 34	2 16	1 53	0 8	8 21	2 42	15 52	1 13	18 35	0 3	17 18	0 28	8 20	0 16	15 53	4 51	3 2	2 29	16 6	5 4	6 8
S 8	14 55	13 26	4 26	18 38	2 6	2 23	0 2	8 26	2 43	15 53	1 13	18 36	0 3	17 18	0 28	8 19	0 16	15 53	4 51	3 1	2 31	16 7	5 2	6 8
M 9	14 36	15 59	4 58	18 41	1 56	2 53	0n 3	8 30	2 44	15 54	1 13	18 38	0 2	17 18	0 28	8 19	0 16	15 54	4 51	3 2	2 32	16 7	5 1	6 8
T 10	14 17	17 35	5 12	18 43	1 46	3 23	0 9	8 33	2 45	15 55	1 14	18 39	0 2	17 18	0 28	8 18	0 16	15 54	4 51	3 3	2 33	16 8	5 0	6 7
W11	13 57	18 4	5 7	18 44	1 35	3 53	0 15	8 37	2 45	15 56	1 14	18 40	0 2	17 19	0 28	8 17	0 16	15 54	4 51	3 4	2 34	16 9	4 58	6 7
T 12	13 38	17 24	4 42	18 44	1 25	4 23	0 21	8 41	2 46	15 57	1 14	18 41	0 2	17 19	0 28	8 16	0 16	15 55	4 51	3 6	2 36	16 10	4 57	6 7
F 13	13 18	15 38	4 0	18 42	1 15	4 52	0 27	8 44	2 47	15 58	1 14	18 43	0 2	17 19	0 28	8 15	0 16	15 55	4 51	3 7	2 37	16 11	4 55	6 7
S 14	12 57	12 57	3 4	18 40	1 4	5 22	0 33	8 47	2 48	15 58	1 14	18 44	0 2	17 19	0 28	8 15	0 16	15 55	4 51	3 9	2 38	16 12	4 54	6 7
S 15	12 37	9 35	1 58	18 36	0 54	5 51	0 40	8 50	2 49	15 59	1 15	18 45	0 2	17 19	0 28	8 14	0 16	15 56	4 51	3 10	2 39	16 13	4 52	6 7
M16	12 16	5 46	0 47	18 31	0 44	6 21	0 46	8 53	2 50	16 0	1 15	18 46	0 2	17 19	0 28	8 13	0 16	15 56	4 51	3 11	2 41	16 14	4 51	6 7
T 17	11 55	1 46	0n25	18 25	0 35	6 50	0 53	8 55	2 51	16 0	1 15	18 47	0 2	17 19	0 28	8 12	0 16	15 56	4 50	3 11	2 42	16 14	4 49	6 7
W18	11 34	2s12	1 34	18 18	0 25	7 19	0 59	8 57	2 52	16 1	1 15	18 48	0 1	17 19	0 28	8 11	0 16	15 56	4 50	3 10	2 43	16 15	4 48	6 7
T 19	11 13	5 59	2 37	18 9	0 16	7 48	1 6	9 0	2 53	16 1	1 15	18 50	0 1	17 19	0 28	8 10	0 16	15 57	4 50	3 10	2 44	16 16	4 46	6 7
F 20	10 52	9 26	3 32	18 0	0 7	8 16	1 13	9 1	2 54	16 2	1 16	18 51	0 1	17 20	0 28	8 10	0 16	15 57	4 50	3 9	2 46	16 17	4 45	6 6
S 21	10 30	12 25	4 16	17 49	0s 2	8 45	1 20	9 3	2 55	16 2	1 16	18 52	0 1	17 20	0 28	8 9	0 16	15 57	4 50	3 9	2 47	16 18	4 43	6 6
S 22	10 9	14 51	4 49	17 37	0 11	9 13	1 27	9 5	2 55	16 2	1 16	18 53	0 1	17 20	0 28	8 8	0 16	15 58	4 50	3 8	2 48	16 19	4 41	6 6
M23	9 47	16 38	5 9	17 24	0 19	9 41	1 34	9 6	2 56	16 3	1 16	18 54	0 1	17 20	0 28	8 7	0 16	15 58	4 50	3 8	2 49	16 20	4 40	6 6
T 24	9 25	17 43	5 16	17 10	0 27	10 9	1 41	9 7	2 57	16 3	1 16	18 55	0 1	17 20	0 28	8 6	0 16	15 58	4 50	3 9	2 51	16 20	4 38	6 6
W25	9 2	18 1	5 9	16 55	0 35	10 37	1 49	9 8	2 58	16 3	1 17	18 56	0 1	17 19	0 28	8 5	0 16	15 58	4 49	3 9	2 52	16 21	4 37	6 6
T 26	8 40	17 30	4 49	16 38	0 43	11 4	1 56	9 8	2 59	16 3	1 17	18 57	0 1	17 19	0 28	8 5	0 16	15 59	4 49	3 10	2 53	16 22	4 35	6 6
F 27	8 17	16 8	4 14	16 21	0 50	11 31	2 4	9 9	3 0	16 3	1 17	18 58	0 1	17 19	0 28	8 4	0 16	15 59	4 49	3 11	2 54	16 23	4 34	6 6
S 28	7s55	13s58	3n27	16s 2	0s57	11n58	2n11	9s 9	3n 1	16s 3	1n17	18n59	0s 0	17s19	0n28	8s 3	0s16	15n59	4s49	3n12	2n56	16s24	4s32	6n 6

Julian Day Number = 3055687.5, Delta T = 02h28m54s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'44, Lahiri = 47°02'44

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

MARCH 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 48	10♓34'53	24♒ 7	19♒59	26♈48	1♏47	18♏56	4°R21	20°R43	9♓54	26°R10	21°R51	22♍31	7♐ 9	3♓17	S 1
M 2	10 42 45	11°35'43	7♓25	21°25	27°42	1°48	18°56	4♎18	20♏43	9°57	26♋ 9	21♍51	22°28	7°16	3°21	M 2
T 3	10 46 41	12°36'32	21° 0	22°52	28°34	1°R48	18°57	4°14	20°43	9°59	26° 8	21°D50	22°24	7°22	3°26	T 3
W 4	10 50 38	13°37'20	4♈50	24°19	29°25	1°48	18°R57	4°11	20°42	10° 1	26° 8	21°50	22°21	7°29	3°30	W 4
T 5	10 54 34	14°38'07	18°51	25°47	0♉16	1°47	18°56	4° 8	20°42	10° 3	26° 7	21°51	22°18	7°36	3°35	T 5
F 6	10 58 31	15°38'53	3♉ 0	27°17	1° 6	1°45	18°56	4° 5	20°41	10° 6	26° 6	21°52	22°15	7°43	3°39	F 6
S 7	11 2 27	16°39'37	17°14	28°47	1°56	1°42	18°56	4° 2	20°40	10° 8	26° 5	21°52	22°12	7°49	3°44	S 7
S 8	11 6 24	17°40'20	1♊29	0♓18	2°44	1°39	18°55	3°59	20°40	10°10	26° 5	21°53	22° 8	7°56	3°48	S 8
M 9	11 10 20	18°41'01	15°42	1°50	3°31	1°35	18°54	3°56	20°39	10°13	26° 4	21°R53	22° 5	8° 3	3°53	M 9
T 10	11 14 17	19°41'41	29°51	3°22	4°18	1°30	18°53	3°53	20°38	10°15	26° 3	21°53	22° 2	8° 9	3°57	T 10
W11	11 18 14	20°42'19	13♋55	4°56	5° 3	1°24	18°52	3°51	20°37	10°17	26° 3	21°53	21°59	8°16	4° 2	W11
T 12	11 22 10	21°42'56	27°50	6°30	5°48	1°18	18°50	3°48	20°36	10°19	26° 2	21°D52	21°56	8°23	4° 6	T 12
F 13	11 26 7	22°43'31	11♌36	8° 6	6°31	1°11	18°48	3°46	20°36	10°22	26° 2	21°53	21°53	8°30	4°11	F 13
S 14	11 30 3	23°44'05	25°11	9°42	7°14	1° 3	18°47	3°44	20°35	10°24	26° 1	21°53	21°49	8°36	4°15	S 14
S 15	11 34 0	24°44'37	8♍33	11°19	7°55	0°54	18°45	3°41	20°34	10°26	26° 0	21°53	21°46	8°43	4°19	S 15
M16	11 37 56	25°45'07	21°41	12°57	8°35	0°45	18°42	3°39	20°32	10°28	26° 0	21°R53	21°43	8°50	4°24	M16
T 17	11 41 53	26°45'36	4♎35	14°36	9°14	0°34	18°40	3°37	20°31	10°30	25°59	21°53	21°40	8°56	4°28	T 17
W18	11 45 49	27°46'04	17°14	16°15	9°52	0°23	18°37	3°36	20°30	10°33	25°59	21°52	21°37	9° 3	4°32	W18
T 19	11 49 46	28°46'30	29°39	17°56	10°28	0°11	18°35	3°34	20°29	10°35	25°58	21°52	21°33	9°10	4°36	T 19
F 20	11 53 43	29°46'55	11♏51	19°38	11° 3	29♎59	18°32	3°32	20°28	10°37	25°58	21°51	21°30	9°17	4°41	F 20
S 21	11 57 39	0♈47'19	23°54	21°20	11°36	29°45	18°29	3°30	20°26	10°39	25°58	21°49	21°27	9°23	4°45	S 21
S 22	12 1 36	1°47'41	5♐49	23° 4	12° 8	29°31	18°25	3°29	20°25	10°41	25°57	21°48	21°24	9°30	4°49	S 22
M23	12 5 32	2°48'02	17°42	24°48	12°39	29°16	18°22	3°28	20°23	10°43	25°57	21°47	21°21	9°37	4°53	M23
T 24	12 9 29	3°48'22	29°35	26°34	13° 7	29° 1	18°18	3°26	20°22	10°46	25°56	21°D47	21°18	9°44	4°57	T 24
W25	12 13 25	4°48'41	11♑35	28°20	13°35	28°45	18°14	3°25	20°21	10°48	25°56	21°47	21°14	9°50	5° 2	W25
T 26	12 17 22	5°48'58	23°45	0♈ 8	14° 0	28°28	18°10	3°24	20°19	10°50	25°56	21°47	21°11	9°57	5° 6	T 26
F 27	12 21 18	6°49'14	6♒10	1°56	14°24	28°10	18° 6	3°23	20°17	10°52	25°55	21°49	21° 8	10° 4	5°10	F 27
S 28	12 25 15	7°49'28	18°54	3°46	14°46	27°52	18° 2	3°23	20°16	10°54	25°55	21°50	21° 5	10°10	5°14	S 28
S 29	12 29 11	8°49'41	2♓ 0	5°36	15° 6	27°33	17°57	3°22	20°14	10°56	25°55	21°51	21° 2	10°17	5°18	S 29
M30	12 33 8	9°49'52	15°29	7°28	15°24	27°14	17°53	3°21	20°12	10°58	25°55	21°R52	20°59	10°24	5°22	M30
T 31	12 37 5	10♈50'02	29♓22	9♈21	15♉40	26♎54	17♏48	3♎21	20♏11	11♓ 0	25♋54	21♍52	20♍55	10♐31	5♓26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s32	11s 2	2n28	15s42	1s 4	12n24	2n19	9s 9	3n 1	16s 3	1n18	19n 0	0s 0	17s19	0n28	8s 2	0s16	16n 0	4s49	3n12	2n57	16s25	4s30	6n 6
M 2	7 9	7 29	1 19	15 21	1 10	12 51	2 27	9 8	3 2	16 3	1 18	19 1	0 0	17 19	0 28	8 1	0 16	16 0	4 49	3 12	2 58	16 26	4 29	6 6
T 3	6 46	3 28	0 5	14 59	1 17	13 17	2 35	9 8	3 3	16 3	1 18	19 1	0 0	17 19	0 28	8 0	0 16	16 0	4 49	3 13	2 59	16 26	4 27	6 6
W 4	6 23	0n49	1s11	14 36	1 22	13 42	2 43	9 7	3 4	16 3	1 18	19 2	0 0	17 19	0 28	7 59	0 16	16 0	4 49	3 12	3 0	16 27	4 26	6 6
T 5	6 0	5 5	2 24	14 11	1 28	14 8	2 51	9 6	3 4	16 2	1 18	19 3	0n 0	17 19	0 28	7 59	0 16	16 1	4 48	3 12	3 2	16 28	4 24	6 6
F 6	5 37	9 7	3 29	13 46	1 33	14 33	2 59	9 5	3 5	16 2	1 19	19 4	0 0	17 19	0 28	7 58	0 16	16 1	4 48	3 12	3 3	16 29	4 22	6 6
S 7	5 13	12 39	4 21	13 20	1 38	14 58	3 7	9 3	3 6	16 2	1 19	19 5	0 0	17 18	0 28	7 57	0 16	16 1	4 48	3 12	3 4	16 30	4 21	6 6
S 8	4 50	15 25	4 57	12 52	1 43	15 22	3 15	9 1	3 6	16 1	1 19	19 6	0 0	17 18	0 28	7 56	0 16	16 1	4 48	3 12	3 5	16 30	4 19	6 6
M 9	4 26	17 14	5 15	12 24	1 47	15 46	3 23	9 0	3 7	16 1	1 19	19 6	0 0	17 18	0 28	7 55	0 16	16 2	4 48	3 12	3 7	16 31	4 18	6 6
T 10	4 3	17 59	5 14	11 55	1 51	16 10	3 32	8 57	3 7	16 0	1 19	19 7	0 1	17 18	0 28	7 54	0 16	16 2	4 48	3 12	3 8	16 32	4 16	6 6
W11	3 39	17 38	4 54	11 24	1 55	16 33	3 40	8 55	3 8	16 0	1 20	19 8	0 1	17 18	0 28	7 54	0 16	16 2	4 48	3 12	3 9	16 33	4 14	6 6
T 12	3 15	16 12	4 17	10 53	1 58	16 56	3 49	8 52	3 8	15 59	1 20	19 8	0 1	17 17	0 28	7 53	0 16	16 2	4 47	3 12	3 10	16 34	4 13	6 7
F 13	2 52	13 51	3 25	10 20	2 1	17 18	3 57	8 49	3 9	15 59	1 20	19 9	0 1	17 17	0 28	7 52	0 16	16 3	4 47	3 12	3 12	16 35	4 11	6 7
S 14	2 28	10 46	2 23	9 46	2 4	17 40	4 6	8 46	3 9	15 58	1 20	19 10	0 1	17 17	0 28	7 51	0 16	16 3	4 47	3 12	3 13	16 35	4 10	6 7
S 15	2 4	7 9	1 13	9 12	2 6	18 2	4 14	8 43	3 10	15 57	1 20	19 10	0 1	17 16	0 28	7 50	0 16	16 3	4 47	3 12	3 14	16 36	4 8	6 7
M16	1 40	3 15	0 1	8 37	2 8	18 23	4 23	8 39	3 10	15 56	1 21	19 11	0 1	17 16	0 28	7 49	0 16	16 3	4 47	3 12	3 15	16 37	4 6	6 7
T 17	1 17	0s44	1n10	8 0	2 9	18 44	4 31	8 35	3 10	15 56	1 21	19 11	0 1	17 16	0 28	7 49	0 16	16 4	4 47	3 12	3 17	16 38	4 5	6 7
W18	0 53	4 37	2 16	7 23	2 10	19 4	4 40	8 31	3 11	15 55	1 21	19 12	0 1	17 16	0 28	7 48	0 16	16 4	4 47	3 12	3 18	16 39	4 3	6 7
T 19	0 29	8 13	3 14	6 44	2 11	19 24	4 49	8 27	3 11	15 54	1 21	19 12	0 1	17 15	0 28	7 47	0 16	16 4	4 46	3 12	3 19	16 39	4 1	6 7
F 20	0 5	11 24	4 3	6 5	2 11	19 43	4 57	8 23	3 11	15 53	1 21	19 13	0 2	17 15	0 28	7 46	0 16	16 4	4 46	3 12	3 20	16 40	4 0	6 7
S 21	0n19	14 3	4 40	5 25	2 11	20 2	5 6	8 18	3 11	15 52	1 22	19 13	0 2	17 14	0 28	7 45	0 16	16 5	4 46	3 13	3 22	16 41	3 58	6 7
S 22	0 42	16 5	5 4	4 44	2 10	20 20	5 15	8 13	3 11	15 51	1 22	19 14	0 2	17 14	0 28	7 45	0 16	16 5	4 46	3 13	3 23	16 42	3 57	6 7
M23	1 6	17 25	5 16	4 2	2 9	20 37	5 23	8 8	3 11	15 50	1 22	19 14	0 2	17 14	0 28	7 44	0 16	16 5	4 46	3 14	3 24	16 42	3 55	6 8
T 24	1 30	18 0	5 14	3 19	2 8	20 54	5 32	8 3	3 11	15 48	1 22	19 15	0 2	17 13	0 28	7 43	0 16	16 5	4 46	3 14	3 25	16 43	3 53	6 8
W25	1 54	17 47	4 58	2 35	2 6	21 11	5 40	7 57	3 11	15 47	1 22	19 15	0 2	17 13	0 28	7 42	0 16	16 6	4 45	3 14	3 27	16 44	3 52	6 8
T 26	2 17	16 45	4 29	1 50	2 3	21 26	5 49	7 51	3 11	15 46	1 22	19 15	0 2	17 13	0 28	7 41	0 16	16 6	4 45	3 14	3 28	16 45	3 50	6 8
F 27	2 41	14 54	3 47	1 5	2 1	21 42	5 57	7 45	3 10	15 45	1 23	19 16	0 2	17 12	0 28	7 41	0 16	16 6	4 45	3 13	3 29	16 46	3 49	6 8
S 28	3 5	12 17	2 52	0 19	1 57	21 56	6 5	7 39	3 10	15 43	1 23	19 16	0 2	17 12	0 28	7 40	0 16	16 6	4 45	3 13	3 30	16 46	3 47	6 8
S 29	3 28	8 59	1 48	0n28	1 53	22 10	6 13	7 33	3 10	15 42	1 23	19 16	0 2	17 11	0 28	7 39	0 16	16 6	4 45	3 12	3 32	16 47	3 46	6 8
M30	3 52	5 8	0 35	1 16	1 49	22 23	6 21	7 27	3 9	15 41	1 23	19 16	0 3	17 11	0 29	7 38	0 16	16 7	4 45	3 12	3 33	16 48	3 44	6 9
T 31	4n15	0s53	0s41	2n 4	1s44	22n35	6n29	7s20	3n 9	15s39	1n23	19n17	0n 3	17s10	0n29	7s38	0s16	16n 7	4s45	3n12	3n34	16s49	3s42	6n 9

Julian Day Number = 3055715.5, Delta T = 02h28m54s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'48, Lahiri = 47°02'48

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

APRIL 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 41 1	11♈50'10	13♈35	11♈14	15♉54	26°R33	17°R43	3°R20	20°R 9	11♓ 2	25°R54	21°R51	20♍52	10♐37	5♓29	W 1
T 2	12 44 58	12°50'16	28° 4	13° 9	16° 6	26♎12	17♏38	3♌20	20♏ 7	11° 4	25♋54	21♍49	20°49	10°44	5°33	T 2
F 3	12 48 54	13°50'21	12♉43	15° 4	16°15	25°51	17°33	3°20	20° 5	11° 6	25°54	21°46	20°46	10°51	5°37	F 3
S 4	12 52 51	14°50'23	27°24	17° 0	16°23	25°29	17°27	3°D20	20° 3	11° 8	25°54	21°43	20°43	10°57	5°41	S 4
S 5	12 56 47	15°50'24	12♊ 2	18°57	16°28	25° 7	17°22	3°20	20° 1	11°10	25°54	21°40	20°39	11° 4	5°45	S 5
M 6	13 0 44	16°50'23	26°31	20°55	16°30	24°44	17°16	3°20	19°59	11°12	25°54	21°37	20°36	11°11	5°48	M 6
T 7	13 4 40	17°50'19	10♋45	22°53	16°R31	24°22	17°10	3°21	19°57	11°14	25°54	21°36	20°33	11°18	5°52	T 7
W 8	13 8 37	18°50'14	24°44	24°51	16°29	23°59	17° 4	3°21	19°55	11°16	25°54	21°D36	20°30	11°24	5°56	W 8
T 9	13 12 34	19°50'06	8♌26	26°50	16°24	23°35	16°58	3°22	19°53	11°18	25°D54	21°37	20°27	11°31	5°59	T 9
F 10	13 16 30	20°49'56	21°52	28°48	16°17	23°12	16°52	3°22	19°51	11°20	25°54	21°39	20°24	11°38	6° 3	F 10
S 11	13 20 27	21°49'44	5♍ 3	0♉46	16° 7	22°49	16°46	3°23	19°49	11°22	25°54	21°40	20°20	11°44	6° 6	S 11
S 12	13 24 23	22°49'30	18° 1	2°44	15°55	22°25	16°39	3°24	19°47	11°23	25°54	21°R41	20°17	11°51	6°10	S 12
M13	13 28 20	23°49'13	0♎46	4°41	15°40	22° 1	16°33	3°25	19°44	11°25	25°54	21°41	20°14	11°58	6°13	M13
T 14	13 32 16	24°48'55	13°20	6°36	15°23	21°38	16°26	3°26	19°42	11°27	25°54	21°39	20°11	12° 5	6°17	T 14
W15	13 36 13	25°48'35	25°44	8°30	15° 3	21°14	16°19	3°27	19°40	11°29	25°54	21°35	20° 8	12°11	6°20	W15
T 16	13 40 9	26°48'13	7♏58	10°21	14°42	20°51	16°13	3°28	19°38	11°31	25°54	21°30	20° 4	12°18	6°23	T 16
F 17	13 44 6	27°47'49	20° 4	12°11	14°17	20°28	16° 6	3°30	19°35	11°32	25°54	21°23	20° 1	12°25	6°27	F 17
S 18	13 48 2	28°47'23	2♐ 4	13°57	13°51	20° 5	15°59	3°31	19°33	11°34	25°55	21°16	19°58	12°32	6°30	S 18
S 19	13 51 59	29°46'56	13°58	15°40	13°23	19°42	15°52	3°33	19°31	11°36	25°55	21° 9	19°55	12°38	6°33	S 19
M20	13 55 56	0♑46'26	25°50	17°19	12°53	19°19	15°44	3°35	19°28	11°37	25°55	21° 3	19°52	12°45	6°36	M20
T 21	13 59 52	1°45'55	7♒43	18°54	12°21	18°57	15°37	3°37	19°26	11°39	25°55	20°59	19°49	12°52	6°39	T 21
W22	14 3 49	2°45'23	19°41	20°24	11°48	18°35	15°30	3°38	19°23	11°41	25°56	20°56	19°45	12°58	6°42	W22
T 23	14 7 45	3°44'49	1♓48	21°49	11°13	18°14	15°22	3°41	19°21	11°42	25°56	20°D55	19°42	13° 5	6°45	T 23
F 24	14 11 42	4°44'13	14° 9	23° 9	10°38	17°53	15°15	3°43	19°18	11°44	25°56	20°55	19°39	13°12	6°48	F 24
S 25	14 15 38	5°43'35	26°49	24°23	10° 1	17°32	15° 8	3°45	19°16	11°45	25°57	20°56	19°36	13°19	6°51	S 25
S 26	14 19 35	6°42'56	9♓52	25°31	9°24	17°12	15° 0	3°47	19°13	11°47	25°57	20°58	19°33	13°25	6°54	S 26
M27	14 23 31	7°42'14	23°22	26°33	8°47	16°52	14°52	3°50	19°11	11°48	25°57	20°R58	19°30	13°32	6°56	M27
T 28	14 27 28	8°41'32	7♈19	27°28	8° 9	16°33	14°45	3°52	19° 8	11°50	25°58	20°57	19°26	13°39	6°59	T 28
W29	14 31 25	9°40'47	21°43	28°17	7°32	16°15	14°37	3°55	19° 6	11°51	25°58	20°54	19°23	13°45	7° 2	W29
T 30	14 35 21	10♉40'00	6♉29	28♉59	6♉55	15♎57	14♏29	3♌58	19♏ 3	11♓52	25♋59	20♍48	19♍20	13♐52	7♓ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n38	3n31	1s57	2n53	1s39	22n46	6n37	7s14	3n 8	15s38	1n23	19n17	0n 3	17s10	0n29	7s37	0s16	16n 7	4s44	3n12	3n35	16s49	3s41	6n 9
T 2	5 2	7 47	3 6	3 43	1 33	22 57	6 44	7 7	3 7	15 36	1 23	19 17	0 3	17 9	0 29	7 36	0 16	16 7	4 44	3 13	3 36	16 50	3 39	6 9
F 3	5 25	11 38	4 4	4 33	1 26	23 7	6 51	7 0	3 6	15 34	1 24	19 17	0 3	17 9	0 29	7 35	0 16	16 7	4 44	3 14	3 38	16 51	3 38	6 9
S 4	5 48	14 45	4 46	5 24	1 19	23 15	6 58	6 53	3 6	15 33	1 24	19 17	0 3	17 8	0 29	7 35	0 16	16 7	4 44	3 16	3 39	16 52	3 36	6 10
S 5	6 11	16 55	5 10	6 15	1 12	23 23	7 5	6 46	3 5	15 31	1 24	19 17	0 3	17 8	0 29	7 34	0 16	16 8	4 44	3 17	3 40	16 52	3 35	6 10
M 6	6 34	17 58	5 13	7 6	1 4	23 30	7 11	6 39	3 4	15 29	1 24	19 17	0 3	17 7	0 29	7 33	0 16	16 8	4 44	3 18	3 41	16 53	3 33	6 10
T 7	6 56	17 52	4 57	7 58	0 55	23 36	7 17	6 32	3 3	15 28	1 24	19 17	0 3	17 7	0 29	7 33	0 16	16 8	4 43	3 18	3 43	16 54	3 32	6 10
W 8	7 19	16 40	4 23	8 49	0 46	23 41	7 23	6 24	3 1	15 26	1 24	19 17	0 3	17 6	0 29	7 32	0 16	16 8	4 43	3 18	3 44	16 55	3 30	6 10
T 9	7 41	14 31	3 35	9 41	0 37	23 44	7 28	6 17	3 0	15 24	1 24	19 17	0 3	17 6	0 29	7 31	0 17	16 8	4 43	3 18	3 45	16 55	3 29	6 11
F 10	8 4	11 38	2 36	10 32	0 27	23 47	7 33	6 10	2 59	15 22	1 24	19 17	0 4	17 5	0 29	7 30	0 17	16 8	4 43	3 17	3 46	16 56	3 27	6 11
S 11	8 26	8 11	1 30	11 23	0 16	23 48	7 37	6 3	2 57	15 21	1 25	19 17	0 4	17 4	0 29	7 30	0 17	16 9	4 43	3 17	3 48	16 57	3 26	6 11
S 12	8 48	4 23	0 20	12 14	0 5	23 48	7 41	5 55	2 56	15 19	1 25	19 17	0 4	17 4	0 29	7 29	0 17	16 9	4 43	3 16	3 49	16 58	3 24	6 11
M13	9 10	0 27	0n49	13 3	0n 6	23 47	7 44	5 48	2 54	15 17	1 25	19 17	0 4	17 3	0 29	7 28	0 17	16 9	4 42	3 16	3 50	16 58	3 23	6 11
T 14	9 32	3s26	1 56	13 52	0 17	23 44	7 47	5 41	2 53	15 15	1 25	19 17	0 4	17 3	0 29	7 28	0 17	16 9	4 42	3 17	3 51	16 59	3 21	6 12
W15	9 53	7 8	2 55	14 40	0 29	23 40	7 49	5 34	2 51	15 13	1 25	19 16	0 4	17 2	0 29	7 27	0 17	16 9	4 42	3 18	3 53	17 0	3 20	6 12
T 16	10 15	10 29	3 46	15 27	0 41	23 34	7 50	5 27	2 49	15 11	1 25	19 16	0 4	17 1	0 29	7 26	0 17	16 9	4 42	3 21	3 54	17 1	3 19	6 12
F 17	10 36	13 20	4 25	16 12	0 53	23 28	7 50	5 20	2 47	15 9	1 25	19 16	0 4	17 1	0 29	7 26	0 17	16 9	4 42	3 23	3 55	17 1	3 17	6 12
S 18	10 57	15 36	4 53	16 55	1 5	23 19	7 50	5 13	2 46	15 7	1 25	19 16	0 4	17 0	0 29	7 25	0 17	16 10	4 42	3 26	3 56	17 2	3 16	6 13
S 19	11 18	17 11	5 7	17 36	1 17	23 9	7 49	5 6	2 44	15 5	1 25	19 15	0 4	16 59	0 29	7 25	0 17	16 10	4 41	3 29	3 58	17 3	3 14	6 13
M20	11 38	18 1	5 9	18 16	1 28	22 58	7 47	5 0	2 42	15 3	1 25	19 15	0 4	16 59	0 29	7 24	0 17	16 10	4 41	3 31	3 59	17 3	3 13	6 13
T 21	11 59	18 4	4 57	18 53	1 40	22 46	7 44	4 54	2 40	15 0	1 25	19 15	0 5	16 58	0 29	7 23	0 17	16 10	4 41	3 33	4 0	17 4	3 12	6 14
W22	12 19	17 19	4 32	19 28	1 51	22 32	7 40	4 47	2 37	14 58	1 25	19 14	0 5	16 58	0 29	7 23	0 17	16 10	4 41	3 34	4 1	17 5	3 10	6 14
T 23	12 39	15 46	3 55	20 1	2 1	22 17	7 36	4 41	2 35	14 56	1 25	19 14	0 5	16 57	0 29	7 22	0 17	16 10	4 41	3 34	4 2	17 5	3 9	6 14
F 24	12 59	13 28	3 6	20 31	2 11	22 0	7 30	4 35	2 33	14 54	1 25	19 14	0 5	16 56	0 29	7 22	0 17	16 10	4 41	3 34	4 4	17 6	3 8	6 14
S 25	13 19	10 28	2 7	20 58	2 20	21 42	7 24	4 30	2 31	14 52	1 25	19 13	0 5	16 56	0 29	7 21	0 17	16 10	4 40	3 34	4 5	17 7	3 6	6 15
S 26	13 38	6 53	1 0	21 23	2 29	21 24	7 17	4 24	2 29	14 50	1 25	19 13	0 5	16 55	0 29	7 20	0 17	16 10	4 40	3 33	4 6	17 8	3 5	6 15
M27	13 57	2 49	0s13	21 45	2 36	21 4	7 9	4 19	2 26	14 47	1 26	19 12	0 5	16 54	0 29	7 20	0 17	16 10	4 40	3 33	4 7	17 8	3 4	6 15
T 28	14 16	1n33	1 27	22 4	2 43	20 43	7 0	4 14	2 24	14 45	1 26	19 12	0 5	16 54	0 29	7 19	0 17	16 11	4 40	3 33	4 9	17 9	3 2	6 16
W29	14 35	5 57	2 38	22 21	2 49	20 22	6 51	4 9	2 22	14 43	1 26	19 11	0 5	16 53	0 29	7 19	0 17	16 11	4 40	3 35	4 10	17 10	3 1	6 16
T 30	14n53	10n 6	3s40	22n34	2n53	20n 0	6n40	4s 5	2n19	14s41	1n26	19n11	0n 5	16s52	0n29	7s18	0s17	16n11	4s40	3n37	4n11	17s10	3s 0	6n16

Julian Day Number = 3055746.5, Delta T = 02h28m55s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'52, Lahiri = 47°02'53

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

MAY 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 39 18	11♉39'12	21♉30	29♉35	6°R18	15°R40	14°R22	4♌ 1	19°R 1	11♓54	25♋59	20°R41	19♍17	13♐59	7♓ 7	F 1
S 2	14 43 14	12°38'22	6♊37	0♊ 3	5♉43	15♎23	14♏14	4° 4	18♏58	11°55	26° 0	20♍33	19°14	14° 6	7°10	S 2
S 3	14 47 11	13°37'30	21°40	0°24	5° 8	15° 7	14° 6	4° 7	18°56	11°57	26° 0	20°25	19°10	14°12	7°12	S 3
M 4	14 51 7	14°36'35	6♋29	0°39	4°35	14°52	13°59	4°10	18°53	11°58	26° 1	20°19	19° 7	14°19	7°14	M 4
T 5	14 55 4	15°35'38	20°58	0°47	4° 3	14°38	13°51	4°13	18°51	11°59	26° 2	20°14	19° 4	14°26	7°17	T 5
W 6	14 59 0	16°34'39	5♌ 4	0°R48	3°33	14°24	13°43	4°17	18°48	12° 0	26° 2	20°11	19° 1	14°33	7°19	W 6
T 7	15 2 57	17°33'38	18°46	0°43	3° 5	14°11	13°36	4°20	18°45	12° 2	26° 3	20°D11	18°58	14°39	7°21	T 7
F 8	15 6 54	18°32'35	2♍ 5	0°31	2°38	13°59	13°28	4°24	18°43	12° 3	26° 3	20°11	18°55	14°46	7°23	F 8
S 9	15 10 50	19°31'29	15° 4	0°14	2°14	13°48	13°20	4°27	18°40	12° 4	26° 4	20°R12	18°51	14°53	7°25	S 9
S 10	15 14 47	20°30'21	27°46	29♉52	1°52	13°37	13°13	4°31	18°38	12° 5	26° 5	20°12	18°48	14°59	7°27	S 10
M11	15 18 43	21°29'11	10♎15	29°24	1°32	13°27	13° 5	4°35	18°35	12° 6	26° 6	20°10	18°45	15° 6	7°29	M11
T 12	15 22 40	22°27'59	22°33	28°53	1°15	13°18	12°58	4°39	18°33	12° 7	26° 6	20° 5	18°42	15°13	7°31	T 12
W13	15 26 36	23°26'45	4♏43	28°18	0°59	13°10	12°50	4°43	18°30	12° 8	26° 7	19°58	18°39	15°20	7°33	W13
T 14	15 30 33	24°25'29	16°47	27°39	0°47	13° 3	12°43	4°47	18°27	12° 9	26° 8	19°49	18°36	15°26	7°35	T 14
F 15	15 34 29	25°24'11	28°45	26°59	0°37	12°56	12°35	4°51	18°25	12°10	26° 9	19°37	18°32	15°33	7°37	F 15
S 16	15 38 26	26°22'51	10♐41	26°18	0°29	12°50	12°28	4°56	18°22	12°11	26° 9	19°24	18°29	15°40	7°38	S 16
S 17	15 42 23	27°21'29	22°33	25°36	0°24	12°45	12°21	5° 0	18°20	12°12	26°10	19°12	18°26	15°46	7°40	S 17
M18	15 46 19	28°20'06	4♑26	24°54	0°21	12°41	12°13	5° 4	18°17	12°13	26°11	19° 0	18°23	15°53	7°42	M18
T 19	15 50 16	29°18'41	16°20	24°13	0°D20	12°37	12° 6	5° 9	18°15	12°14	26°12	18°51	18°20	16° 0	7°43	T 19
W20	15 54 12	0♊17'14	28°18	23°34	0°22	12°34	11°59	5°13	18°12	12°14	26°13	18°44	18°16	16° 7	7°45	W20
T 21	15 58 9	1°15'46	10♒24	22°57	0°26	12°32	11°52	5°18	18°10	12°15	26°14	18°40	18°13	16°13	7°46	T 21
F 22	16 2 5	2°14'16	22°43	22°23	0°33	12°31	11°45	5°23	18° 7	12°16	26°15	18°38	18°10	16°20	7°47	F 22
S 23	16 6 2	3°12'45	5♓19	21°52	0°42	12°D30	11°39	5°28	18° 5	12°17	26°16	18°D38	18° 7	16°27	7°48	S 23
S 24	16 9 58	4°11'12	18°17	21°25	0°52	12°31	11°32	5°33	18° 2	12°17	26°16	18°R38	18° 4	16°34	7°50	S 24
M25	16 13 55	5° 9'37	1♈40	21° 3	1° 5	12°32	11°25	5°38	18° 0	12°18	26°17	18°37	18° 1	16°40	7°51	M25
T 26	16 17 52	6° 8'01	15°32	20°45	1°21	12°33	11°19	5°43	17°57	12°19	26°18	18°35	17°57	16°47	7°52	T 26
W27	16 21 48	7° 6'24	29°53	20°31	1°38	12°36	11°13	5°48	17°55	12°19	26°19	18°30	17°54	16°54	7°53	W27
T 28	16 25 45	8° 4'45	14♉41	20°22	1°56	12°39	11° 6	5°53	17°53	12°20	26°20	18°23	17°51	17° 0	7°54	T 28
F 29	16 29 41	9° 3'05	29°49	20°D18	2°17	12°43	11° 0	5°59	17°50	12°20	26°22	18°13	17°48	17° 7	7°55	F 29
S 30	16 33 38	10° 1'23	15♊ 7	20°19	2°40	12°47	10°54	6° 4	17°48	12°21	26°23	18° 2	17°45	17°14	7°55	S 30
S 31	16 37 34	10♊59'39	0♋25	20♉24	3♉ 4	12♎52	10♏48	6♌ 9	17♏46	12♓21	26♋24	17♍52	17♍42	17♐21	7♓56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n12	13n40	4s28	22n45	2n57	19n38	6n29	4s 0	2n17	14s39	1n25	19n10	0n 5	16s52	0n29	7s18	0s17	16n11	4s40	3n40	4n12	17s11	2s59	6n16
S 2	15 30	16 20	4 57	22 53	2 59	19 15	6 18	3 56	2 14	14 36	1 25	19 9	0 5	16 51	0 29	7 17	0 17	16 11	4 39	3 43	4 14	17 12	2 58	6 17
S 3	15 47	17 52	5 6	22 59	3 0	18 52	6 6	3 53	2 12	14 34	1 25	19 9	0 6	16 50	0 29	7 17	0 17	16 11	4 39	3 46	4 15	17 12	2 56	6 17
M 4	16 5	18 10	4 54	23 1	2 59	18 28	5 53	3 49	2 9	14 32	1 25	19 8	0 6	16 49	0 29	7 16	0 17	16 11	4 39	3 48	4 16	17 13	2 55	6 17
T 5	16 22	17 16	4 24	23 1	2 57	18 5	5 40	3 46	2 7	14 30	1 25	19 7	0 6	16 49	0 29	7 16	0 17	16 11	4 39	3 50	4 17	17 14	2 54	6 18
W 6	16 39	15 18	3 38	22 58	2 54	17 42	5 26	3 43	2 4	14 27	1 25	19 7	0 6	16 48	0 29	7 16	0 17	16 11	4 39	3 51	4 19	17 14	2 53	6 18
T 7	16 55	12 32	2 40	22 52	2 49	17 19	5 13	3 40	2 2	14 25	1 25	19 6	0 6	16 47	0 29	7 15	0 17	16 11	4 39	3 51	4 20	17 15	2 52	6 18
F 8	17 11	9 9	1 36	22 43	2 42	16 57	4 59	3 38	1 59	14 23	1 25	19 5	0 6	16 47	0 29	7 15	0 17	16 11	4 38	3 51	4 21	17 16	2 51	6 19
S 9	17 27	5 25	0 28	22 32	2 35	16 35	4 44	3 36	1 57	14 21	1 25	19 4	0 6	16 46	0 29	7 14	0 17	16 11	4 38	3 51	4 22	17 16	2 50	6 19
S 10	17 43	1 30	0n40	22 18	2 25	16 14	4 30	3 34	1 54	14 19	1 25	19 4	0 6	16 45	0 29	7 14	0 17	16 11	4 38	3 51	4 23	17 17	2 49	6 19
M11	17 58	2s25	1 45	22 2	2 15	15 54	4 15	3 33	1 52	14 16	1 25	19 3	0 6	16 45	0 28	7 13	0 17	16 11	4 38	3 52	4 25	17 18	2 48	6 20
T 12	18 13	6 10	2 44	21 43	2 3	15 34	4 1	3 32	1 49	14 14	1 25	19 2	0 6	16 44	0 28	7 13	0 17	16 11	4 38	3 53	4 26	17 18	2 47	6 20
W13	18 28	9 37	3 34	21 23	1 49	15 15	3 46	3 31	1 47	14 12	1 25	19 1	0 6	16 43	0 28	7 13	0 17	16 11	4 38	3 56	4 27	17 19	2 46	6 20
T 14	18 42	12 38	4 14	21 0	1 35	14 57	3 32	3 30	1 44	14 10	1 25	19 0	0 6	16 43	0 28	7 12	0 17	16 11	4 38	4 0	4 28	17 20	2 45	6 21
F 15	18 56	15 6	4 42	20 36	1 20	14 40	3 17	3 30	1 42	14 8	1 25	18 59	0 7	16 42	0 28	7 12	0 17	16 11	4 37	4 5	4 30	17 20	2 44	6 21
S 16	19 10	16 55	4 58	20 11	1 4	14 24	3 3	3 30	1 39	14 6	1 25	18 58	0 7	16 41	0 28	7 12	0 17	16 11	4 37	4 9	4 31	17 21	2 43	6 21
S 17	19 24	18 0	5 1	19 45	0 47	14 9	2 49	3 30	1 37	14 4	1 25	18 57	0 7	16 41	0 28	7 11	0 17	16 11	4 37	4 14	4 32	17 22	2 42	6 22
M18	19 37	18 18	4 51	19 18	0 30	13 55	2 35	3 31	1 34	14 2	1 24	18 56	0 7	16 40	0 28	7 11	0 17	16 11	4 37	4 19	4 33	17 22	2 41	6 22
T 19	19 49	17 48	4 28	18 51	0 13	13 42	2 21	3 32	1 32	13 59	1 24	18 55	0 7	16 39	0 28	7 11	0 17	16 11	4 37	4 22	4 35	17 23	2 40	6 22
W20	20 2	16 30	3 54	18 25	0s 5	13 30	2 8	3 33	1 30	13 57	1 24	18 54	0 7	16 38	0 28	7 10	0 17	16 11	4 37	4 25	4 36	17 23	2 39	6 23
T 21	20 14	14 27	3 8	17 59	0 22	13 19	1 55	3 34	1 27	13 56	1 24	18 53	0 7	16 38	0 28	7 10	0 17	16 11	4 37	4 27	4 37	17 24	2 38	6 23
F 22	20 25	11 43	2 13	17 34	0 39	13 9	1 42	3 36	1 25	13 54	1 24	18 52	0 7	16 37	0 28	7 10	0 17	16 11	4 36	4 27	4 38	17 25	2 38	6 24
S 23	20 37	8 23	1 10	17 10	0 56	13 0	1 29	3 38	1 22	13 52	1 24	18 51	0 7	16 36	0 28	7 10	0 17	16 11	4 36	4 28	4 39	17 25	2 37	6 24
S 24	20 48	4 34	0 2	16 48	1 12	12 53	1 17	3 40	1 20	13 50	1 24	18 50	0 7	16 36	0 28	7 9	0 17	16 11	4 36	4 28	4 41	17 26	2 36	6 24
M25	20 58	0 24	1s 9	16 27	1 28	12 46	1 5	3 43	1 18	13 48	1 23	18 49	0 7	16 35	0 28	7 9	0 17	16 11	4 36	4 28	4 42	17 27	2 35	6 25
T 26	21 8	3n57	2 17	16 8	1 42	12 40	0 53	3 45	1 16	13 46	1 23	18 48	0 7	16 35	0 28	7 9	0 17	16 11	4 36	4 29	4 43	17 27	2 35	6 25
W27	21 18	8 13	3 20	15 51	1 56	12 35	0 42	3 48	1 13	13 44	1 23	18 46	0 7	16 34	0 28	7 9	0 17	16 11	4 36	4 30	4 44	17 28	2 34	6 25
T 28	21 27	12 6	4 11	15 36	2 9	12 31	0 31	3 52	1 11	13 42	1 23	18 45	0 8	16 33	0 28	7 9	0 17	16 11	4 36	4 33	4 46	17 28	2 33	6 26
F 29	21 36	15 17	4 45	15 23	2 21	12 29	0 20	3 55	1 9	13 41	1 23	18 44	0 8	16 33	0 28	7 8	0 17	16 11	4 36	4 37	4 47	17 29	2 33	6 26
S 30	21 45	17 26	5 0	15 13	2 33	12 26	0 10	3 59	1 7	13 39	1 23	18 43	0 8	16 32	0 28	7 8	0 17	16 11	4 35	4 41	4 48	17 30	2 32	6 27
S 31	21n53	18n20	4s53	15n 4	2s43	12n25	0s 0	4s 3	1n 5	13s37	1n23	18n41	0n 8	16s31	0n28	7s 8	0s17	16n11	4s35	4n45	4n49	17s30	2s31	6n27

Julian Day Number = 3055776.5, Delta T = 02h28m56s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°55'56, Lahiri = 47°02'57

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

JUNE 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 41 31	11♊57'54	15♋30	20♉35	3♉30	12♎58	10°R43	6♌15	17°R43	12♓22	26♋25	17°R42	17♍38	17♐27	7♓57	M 1
T 2	16 45 27	12°56'07	0♌14	20°49	3°57	13° 5	10♏37	6°21	17♏41	12°22	26°26	17♍35	17°35	17°34	7°57	T 2
W 3	16 49 24	13°54'18	14°32	21° 9	4°26	13°12	10°31	6°26	17°39	12°22	26°27	17°31	17°32	17°41	7°58	W 3
T 4	16 53 21	14°52'27	28°21	21°32	4°57	13°20	10°26	6°32	17°37	12°23	26°28	17°28	17°29	17°48	7°58	T 4
F 5	16 57 17	15°50'34	11♍43	22° 0	5°29	13°28	10°21	6°38	17°35	12°23	26°29	17°28	17°26	17°54	7°59	F 5
S 6	17 1 14	16°48'39	24°41	22°32	6° 2	13°37	10°16	6°44	17°32	12°23	26°30	17°28	17°22	18° 1	7°59	S 6
S 7	17 5 10	17°46'42	7♎18	23° 8	6°37	13°47	10°11	6°50	17°30	12°24	26°32	17°27	17°19	18° 8	7°59	S 7
M 8	17 9 7	18°44'44	19°40	23°48	7°13	13°57	10° 6	6°56	17°28	12°24	26°33	17°24	17°16	18°14	8° 0	M 8
T 9	17 13 3	19°42'43	1♏49	24°32	7°50	14° 8	10° 2	7° 2	17°26	12°24	26°34	17°19	17°13	18°21	8° 0	T 9
W10	17 17 0	20°40'42	13°51	25°19	8°28	14°19	9°57	7° 8	17°24	12°24	26°35	17°11	17°10	18°28	8° 0	W10
T 11	17 20 56	21°38'38	25°47	26°10	9° 7	14°31	9°53	7°14	17°22	12°24	26°36	17° 1	17° 7	18°35	8°R 0	T 11
F 12	17 24 53	22°36'33	7♐41	27° 4	9°48	14°44	9°49	7°20	17°20	12°24	26°38	16°48	17° 3	18°41	8° 0	F 12
S 13	17 28 50	23°34'27	19°34	28° 1	10°29	14°57	9°45	7°26	17°18	12°R24	26°39	16°34	17° 0	18°48	8° 0	S 13
S 14	17 32 46	24°32'19	1♑27	29° 2	11°12	15°11	9°41	7°33	17°16	12°24	26°40	16°20	16°57	18°55	8° 0	S 14
M15	17 36 43	25°30'10	13°21	0♒ 5	11°55	15°25	9°37	7°39	17°14	12°24	26°41	16° 8	16°54	19° 1	7°59	M15
T 16	17 40 39	26°27'59	25°20	1°11	12°39	15°39	9°34	7°46	17°13	12°24	26°43	15°57	16°51	19° 8	7°59	T 16
W17	17 44 36	27°25'47	7♓23	2°21	13°25	15°54	9°30	7°52	17°11	12°24	26°44	15°49	16°48	19°15	7°59	W17
T 18	17 48 32	28°23'35	19°34	3°33	14°11	16°10	9°27	7°59	17° 9	12°24	26°45	15°44	16°44	19°22	7°58	T 18
F 19	17 52 29	29°21'21	1♈57	4°48	14°58	16°26	9°24	8° 5	17° 7	12°24	26°47	15°41	16°41	19°28	7°58	F 19
S 20	17 56 25	0♋19'06	14°34	6° 5	15°46	16°43	9°22	8°12	17° 6	12°23	26°48	15°D41	16°38	19°35	7°57	S 20
S 21	18 0 22	1°16'50	27°29	7°26	16°34	17° 0	9°19	8°19	17° 4	12°23	26°49	15°R41	16°35	19°42	7°57	S 21
M22	18 4 19	2°14'33	10♈47	8°48	17°23	17°17	9°16	8°25	17° 3	12°23	26°51	15°41	16°32	19°49	7°56	M22
T 23	18 8 15	3°12'15	24°31	10°14	18°13	17°35	9°14	8°32	17° 1	12°23	26°52	15°39	16°28	19°55	7°55	T 23
W24	18 12 12	4° 9'56	8♉43	11°42	19° 4	17°53	9°12	8°39	17° 0	12°22	26°53	15°35	16°25	20° 2	7°54	W24
T 25	18 16 8	5° 7'37	23°20	13°13	19°55	18°12	9°10	8°46	16°58	12°22	26°55	15°29	16°22	20° 9	7°53	T 25
F 26	18 20 5	6° 5'16	8♊19	14°46	20°47	18°31	9° 8	8°53	16°57	12°22	26°56	15°21	16°19	20°15	7°52	F 26
S 27	18 24 1	7° 2'55	23°31	16°21	21°40	18°51	9° 7	9° 0	16°55	12°21	26°57	15°11	16°16	20°22	7°51	S 27
S 28	18 27 58	8° 0'33	8♋47	17°59	22°33	19°11	9° 5	9° 7	16°54	12°21	26°59	15° 1	16°13	20°29	7°50	S 28
M29	18 31 55	8°58'10	23°55	19°40	23°26	19°31	9° 4	9°14	16°53	12°20	27° 0	14°53	16° 9	20°36	7°49	M29
T 30	18 35 51	9♋55'45	8♌45	21♊23	24♉21	19♎52	9♏ 3	9♌21	16♏52	12♓20	27♋ 2	14♍46	16♍ 6	20♐42	7♓48	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 1	17n55	4s26	14n58	2s52	12n25	0s10	4s 7	1n 2	13s36	1n22	18n40	0n 8	16s31	0n28	7s 8	0s17	16n10	4s35	4n49	4n51	17s31	2s31	6n27
T 2	22 9	16 18	3 42	14 54	3 0	12 25	0 19	4 12	1 0	13 34	1 22	18 39	0 8	16 30	0 28	7 8	0 17	16 10	4 35	4 52	4 52	17 31	2 30	6 28
W 3	22 16	13 42	2 45	14 52	3 8	12 26	0 28	4 16	0 58	13 33	1 22	18 37	0 8	16 30	0 28	7 8	0 18	16 10	4 35	4 54	4 53	17 32	2 30	6 28
T 4	22 22	10 23	1 39	14 51	3 14	12 28	0 37	4 21	0 56	13 31	1 22	18 36	0 8	16 29	0 28	7 8	0 18	16 10	4 35	4 54	4 54	17 33	2 29	6 28
F 5	22 29	6 38	0 30	14 53	3 20	12 31	0 46	4 26	0 54	13 30	1 22	18 35	0 8	16 28	0 28	7 7	0 18	16 10	4 35	4 55	4 55	17 33	2 29	6 29
S 6	22 35	2 41	0n38	14 57	3 24	12 34	0 54	4 32	0 52	13 29	1 21	18 33	0 8	16 28	0 28	7 7	0 18	16 10	4 35	4 55	4 57	17 34	2 28	6 29
S 7	22 40	1s18	1 43	15 2	3 28	12 38	1 2	4 37	0 50	13 27	1 21	18 32	0 8	16 27	0 28	7 7	0 18	16 10	4 34	4 55	4 58	17 34	2 28	6 29
M 8	22 45	5 8	2 41	15 9	3 31	12 42	1 9	4 43	0 48	13 26	1 21	18 31	0 8	16 27	0 28	7 7	0 18	16 10	4 34	4 56	4 59	17 35	2 27	6 30
T 9	22 50	8 41	3 31	15 18	3 33	12 47	1 16	4 49	0 46	13 25	1 21	18 29	0 8	16 26	0 28	7 7	0 18	16 10	4 34	4 58	5 0	17 36	2 27	6 30
W10	22 54	11 51	4 11	15 28	3 34	12 53	1 23	4 55	0 44	13 23	1 21	18 28	0 9	16 26	0 28	7 7	0 18	16 10	4 34	5 1	5 2	17 36	2 26	6 31
T 11	22 58	14 30	4 40	15 39	3 34	12 59	1 30	5 1	0 43	13 22	1 20	18 26	0 9	16 25	0 28	7 7	0 18	16 10	4 34	5 5	5 3	17 37	2 26	6 31
F 12	23 1	16 31	4 56	15 51	3 34	13 5	1 36	5 8	0 41	13 21	1 20	18 25	0 9	16 25	0 28	7 7	0 18	16 9	4 34	5 10	5 4	17 37	2 26	6 31
S 13	23 4	17 51	4 59	16 5	3 33	13 12	1 43	5 14	0 39	13 20	1 20	18 23	0 9	16 24	0 28	7 7	0 18	16 9	4 34	5 15	5 5	17 38	2 26	6 32
S 14	23 7	18 23	4 50	16 20	3 31	13 20	1 48	5 21	0 37	13 19	1 20	18 22	0 9	16 23	0 28	7 7	0 18	16 9	4 34	5 21	5 6	17 38	2 25	6 32
M15	23 9	18 8	4 27	16 35	3 28	13 28	1 54	5 28	0 35	13 18	1 19	18 20	0 9	16 23	0 28	7 7	0 18	16 9	4 34	5 26	5 8	17 39	2 25	6 32
T 16	23 11	17 4	3 53	16 52	3 25	13 36	1 59	5 36	0 34	13 17	1 19	18 19	0 9	16 23	0 28	7 7	0 18	16 9	4 33	5 30	5 9	17 40	2 25	6 33
W17	23 12	15 14	3 8	17 9	3 21	13 44	2 5	5 43	0 32	13 17	1 19	18 17	0 9	16 22	0 28	7 7	0 18	16 9	4 33	5 33	5 10	17 40	2 25	6 33
T 18	23 13	12 42	2 14	17 27	3 17	13 53	2 9	5 50	0 30	13 16	1 19	18 15	0 9	16 22	0 28	7 7	0 18	16 9	4 33	5 35	5 11	17 41	2 24	6 33
F 19	23 13	9 34	1 12	17 45	3 12	14 2	2 14	5 58	0 28	13 15	1 19	18 14	0 9	16 21	0 28	7 7	0 18	16 8	4 33	5 36	5 13	17 41	2 24	6 34
S 20	23 13	5 56	0 6	18 4	3 6	14 12	2 18	6 6	0 27	13 15	1 18	18 12	0 9	16 21	0 28	7 8	0 18	16 8	4 33	5 36	5 14	17 42	2 24	6 34
S 21	23 13	1 57	1s 2	18 23	3 0	14 22	2 23	6 14	0 25	13 14	1 18	18 11	0 9	16 20	0 28	7 8	0 18	16 8	4 33	5 36	5 15	17 42	2 24	6 35
M22	23 12	2n15	2 9	18 43	2 53	14 32	2 26	6 22	0 24	13 13	1 18	18 9	0 9	16 20	0 28	7 8	0 18	16 8	4 33	5 36	5 16	17 43	2 24	6 35
T 23	23 11	6 28	3 11	19 2	2 46	14 42	2 30	6 30	0 22	13 13	1 18	18 7	0 10	16 19	0 28	7 8	0 18	16 8	4 33	5 36	5 17	17 43	2 24	6 35
W24	23 10	10 26	4 3	19 22	2 39	14 52	2 34	6 39	0 20	13 12	1 17	18 5	0 10	16 19	0 28	7 8	0 18	16 8	4 33	5 38	5 19	17 44	2 24	6 36
T 25	23 8	13 55	4 40	19 42	2 30	15 2	2 37	6 47	0 19	13 12	1 17	18 4	0 10	16 19	0 28	7 8	0 18	16 8	4 33	5 40	5 20	17 44	2 24	6 36
F 26	23 5	16 33	5 0	20 1	2 22	15 13	2 40	6 56	0 17	13 12	1 17	18 2	0 10	16 18	0 28	7 8	0 18	16 7	4 32	5 44	5 21	17 45	2 24	6 36
S 27	23 2	18 5	4 59	20 20	2 13	15 24	2 43	7 4	0 16	13 12	1 17	18 0	0 10	16 18	0 28	7 9	0 18	16 7	4 32	5 47	5 22	17 45	2 24	6 37
S 28	22 59	18 20	4 37	20 38	2 3	15 34	2 46	7 13	0 14	13 11	1 16	17 59	0 10	16 18	0 28	7 9	0 18	16 7	4 32	5 51	5 24	17 46	2 24	6 37
M29	22 55	17 15	3 56	20 56	1 54	15 45	2 48	7 22	0 13	13 11	1 16	17 57	0 10	16 17	0 27	7 9	0 18	16 7	4 32	5 54	5 25	17 47	2 24	6 37
T 30	22n51	15n 2	2s59	21n13	1s44	15n56	2s50	7s31	0n11	13s11	1n16	17n55	0n10	16s17	0n27	7s 9	0s18	16n 7	4s32	5n57	5n26	17s47	2s24	6n38

Julian Day Number = 3055807.5, Delta T = 02h28m57s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'01, Lahiri = 47°03'01

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

JULY 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 39 48	10♋53'20	23♌10	23♊ 9	25♉15	20♎13	9°R 2	9♌28	16°R50	12°R19	27♋ 3	14°R42	16♍ 3	20♐49	7°R47	W 1
T 2	18 43 44	11°50'53	7♍ 8	24°57	26°10	20°35	9♏ 2	9°35	16♏49	12♓19	27° 4	14♍40	16° 0	20°56	7♓46	T 2
F 3	18 47 41	12°48'25	20°36	26°47	27° 6	20°57	9° 1	9°42	16°48	12°18	27° 6	14°D40	15°57	21° 2	7°44	F 3
S 4	18 51 37	13°45'56	3♎38	28°40	28° 2	21°19	9° 1	9°50	16°47	12°17	27° 7	14°41	15°54	21° 9	7°43	S 4
S 5	18 55 34	14°43'26	16°18	0♋35	28°59	21°41	9°D 1	9°57	16°46	12°17	27° 9	14°R41	15°50	21°16	7°41	S 5
M 6	18 59 30	15°40'54	28°39	2°33	29°56	22° 4	9° 1	10° 4	16°45	12°16	27°10	14°40	15°47	21°23	7°40	M 6
T 7	19 3 27	16°38'22	10♏47	4°32	0♊53	22°28	9° 1	10°11	16°44	12°15	27°12	14°37	15°44	21°29	7°38	T 7
W 8	19 7 24	17°35'48	22°45	6°34	1°51	22°51	9° 2	10°19	16°43	12°15	27°13	14°32	15°41	21°36	7°37	W 8
T 9	19 11 20	18°33'14	4♐39	8°38	2°49	23°15	9° 2	10°26	16°43	12°14	27°15	14°25	15°38	21°43	7°35	T 9
F 10	19 15 17	19°30'39	16°31	10°43	3°48	23°40	9° 3	10°33	16°42	12°13	27°16	14°16	15°34	21°50	7°33	F 10
S 11	19 19 13	20°28'03	28°24	12°50	4°47	24° 4	9° 4	10°41	16°41	12°12	27°17	14° 6	15°31	21°56	7°31	S 11
S 12	19 23 10	21°25'26	10♑20	14°59	5°46	24°29	9° 5	10°48	16°41	12°11	27°19	13°56	15°28	22° 3	7°29	S 12
M13	19 27 6	22°22'48	22°20	17° 9	6°46	24°54	9° 6	10°56	16°40	12°10	27°20	13°47	15°25	22°10	7°28	M13
T 14	19 31 3	23°20'10	4♒26	19°20	7°46	25°20	9° 8	11° 3	16°39	12°10	27°22	13°39	15°22	22°16	7°26	T 14
W15	19 34 59	24°17'31	16°40	21°31	8°46	25°45	9°10	11°11	16°39	12° 9	27°23	13°34	15°19	22°23	7°24	W15
T 16	19 38 56	25°14'52	29° 3	23°43	9°47	26°11	9°11	11°18	16°39	12° 8	27°25	13°31	15°15	22°30	7°22	T 16
F 17	19 42 53	26°12'12	11♓36	25°55	10°48	26°38	9°13	11°26	16°38	12° 7	27°26	13°D30	15°12	22°37	7°19	F 17
S 18	19 46 49	27° 9'33	24°22	28° 7	11°49	27° 4	9°16	11°34	16°38	12° 6	27°28	13°30	15° 9	22°43	7°17	S 18
S 19	19 50 46	28° 6'52	7♈24	0♌18	12°50	27°31	9°18	11°41	16°38	12° 5	27°29	13°31	15° 6	22°50	7°15	S 19
M20	19 54 42	29° 4'12	20°45	2°29	13°52	27°58	9°21	11°49	16°37	12° 4	27°31	13°32	15° 3	22°57	7°13	M20
T 21	19 58 39	0♌ 1'32	4♉26	4°38	14°54	28°25	9°23	11°56	16°37	12° 2	27°32	13°R33	15° 0	23° 3	7°11	T 21
W22	20 2 35	0°58'51	18°28	6°47	15°57	28°53	9°26	12° 4	16°37	12° 1	27°34	13°31	14°56	23°10	7° 8	W22
T 23	20 6 32	1°56'11	2♊51	8°54	16°59	29°21	9°29	12°12	16°37	12° 0	27°35	13°28	14°53	23°17	7° 6	T 23
F 24	20 10 28	2°53'30	17°32	11° 0	18° 2	29°49	9°32	12°19	16°D37	11°59	27°36	13°24	14°50	23°24	7° 3	F 24
S 25	20 14 25	3°50'50	2♋26	13° 4	19° 5	0♏17	9°36	12°27	16°37	11°58	27°38	13°18	14°47	23°30	7° 1	S 25
S 26	20 18 22	4°48'10	17°24	15° 7	20° 8	0°46	9°39	12°35	16°37	11°57	27°39	13°13	14°44	23°37	6°59	S 26
M27	20 22 18	5°45'29	2♌18	17° 8	21°12	1°14	9°43	12°43	16°37	11°55	27°41	13° 7	14°40	23°44	6°56	M27
T 28	20 26 15	6°42'48	17° 0	19° 6	22°16	1°44	9°47	12°50	16°37	11°54	27°42	13° 4	14°37	23°51	6°53	T 28
W29	20 30 11	7°40'07	1♍22	21° 3	23°20	2°13	9°51	12°58	16°38	11°53	27°44	13° 2	14°34	23°57	6°51	W29
T 30	20 34 8	8°37'26	15°19	22°58	24°24	2°42	9°55	13° 6	16°38	11°52	27°45	13°D 1	14°31	24° 4	6°48	T 30
F 31	20 38 4	9♌34'44	28♍51	24♌51	25♊28	3♏12	9♏59	13♌14	16♏38	11♓50	27♋47	13♍ 2	14♍28	24♐11	6♓45	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n47	11n54	1s52	21n30	1s33	16n 7	2s52	7s41	0n10	13s11	1n16	17n53	0n10	16s17	0n27	7s 9	0s18	16n 6	4s32	5n58	5n27	17s48	2s24	6n38
T 2	22 42	8 12	0 40	21 45	1 23	16 18	2 54	7 50	0 9	13 11	1 15	17 51	0 10	16 16	0 27	7 10	0 18	16 6	4 32	5 59	5 28	17 48	2 25	6 38
F 3	22 37	4 11	0n32	21 59	1 12	16 29	2 56	7 59	0 7	13 11	1 15	17 50	0 10	16 16	0 27	7 10	0 18	16 6	4 32	5 59	5 30	17 49	2 25	6 38
S 4	22 31	0 6	1 40	22 12	1 1	16 39	2 58	8 9	0 6	13 11	1 15	17 48	0 10	16 16	0 27	7 10	0 18	16 6	4 32	5 59	5 31	17 49	2 25	6 39
S 5	22 25	3s53	2 41	22 24	0 50	16 50	2 59	8 19	0 4	13 12	1 15	17 46	0 10	16 16	0 27	7 10	0 18	16 6	4 32	5 59	5 32	17 50	2 25	6 39
M 6	22 19	7 35	3 33	22 34	0 38	17 1	3 0	8 28	0 3	13 12	1 14	17 44	0 11	16 15	0 27	7 11	0 18	16 6	4 32	5 59	5 33	17 50	2 26	6 39
T 7	22 12	10 54	4 14	22 42	0 27	17 12	3 1	8 38	0 2	13 12	1 14	17 42	0 11	16 15	0 27	7 11	0 18	16 5	4 32	6 0	5 35	17 51	2 26	6 40
W 8	22 5	13 43	4 44	22 48	0 16	17 22	3 2	8 48	0 1	13 12	1 14	17 40	0 11	16 15	0 27	7 11	0 18	16 5	4 31	6 2	5 36	17 51	2 26	6 40
T 9	21 57	15 57	5 1	22 52	0 5	17 33	3 3	8 58	0s 1	13 13	1 14	17 38	0 11	16 15	0 27	7 12	0 18	16 5	4 31	6 5	5 37	17 52	2 27	6 40
F 10	21 49	17 30	5 5	22 54	0n 6	17 43	3 3	9 8	0 2	13 13	1 13	17 36	0 11	16 15	0 27	7 12	0 18	16 5	4 31	6 8	5 38	17 52	2 27	6 41
S 11	21 41	18 17	4 56	22 53	0 17	17 53	3 4	9 18	0 3	13 14	1 13	17 34	0 11	16 14	0 27	7 12	0 18	16 4	4 31	6 12	5 39	17 53	2 27	6 41
S 12	21 32	18 17	4 34	22 50	0 27	18 3	3 4	9 28	0 4	13 15	1 13	17 33	0 11	16 14	0 27	7 13	0 18	16 4	4 31	6 16	5 41	17 53	2 28	6 41
M13	21 23	17 27	4 0	22 45	0 37	18 13	3 4	9 39	0 6	13 15	1 13	17 31	0 11	16 14	0 27	7 13	0 18	16 4	4 31	6 19	5 42	17 54	2 28	6 41
T 14	21 14	15 50	3 14	22 37	0 47	18 23	3 4	9 49	0 7	13 16	1 12	17 29	0 11	16 14	0 27	7 13	0 18	16 4	4 31	6 22	5 43	17 54	2 29	6 42
W15	21 4	13 29	2 19	22 26	0 56	18 32	3 4	9 59	0 8	13 17	1 12	17 27	0 11	16 14	0 27	7 14	0 18	16 4	4 31	6 24	5 44	17 55	2 29	6 42
T 16	20 54	10 30	1 17	22 13	1 4	18 41	3 4	10 10	0 9	13 17	1 12	17 25	0 11	16 14	0 27	7 14	0 18	16 3	4 31	6 26	5 46	17 55	2 30	6 42
F 17	20 43	7 0	0 10	21 57	1 12	18 50	3 3	10 20	0 10	13 18	1 12	17 23	0 11	16 14	0 27	7 14	0 18	16 3	4 31	6 26	5 47	17 55	2 30	6 42
S 18	20 32	3 7	0s58	21 39	1 19	18 59	3 3	10 31	0 12	13 19	1 11	17 21	0 11	16 14	0 27	7 15	0 18	16 3	4 31	6 26	5 48	17 56	2 31	6 43
S 19	20 21	0n59	2 6	21 18	1 26	19 7	3 2	10 42	0 13	13 20	1 11	17 19	0 12	16 14	0 27	7 15	0 18	16 3	4 31	6 25	5 49	17 56	2 31	6 43
M20	20 10	5 8	3 8	20 55	1 31	19 15	3 1	10 52	0 14	13 21	1 11	17 17	0 12	16 14	0 27	7 16	0 18	16 3	4 31	6 25	5 50	17 57	2 32	6 43
T 21	19 58	9 6	4 1	20 30	1 36	19 23	3 0	11 3	0 15	13 22	1 11	17 15	0 12	16 14	0 27	7 16	0 18	16 2	4 31	6 25	5 52	17 57	2 32	6 43
W22	19 46	12 40	4 41	20 2	1 41	19 31	2 59	11 14	0 16	13 24	1 10	17 13	0 12	16 14	0 27	7 17	0 18	16 2	4 31	6 25	5 53	17 58	2 33	6 44
T 23	19 33	15 34	5 4	19 33	1 44	19 38	2 58	11 24	0 17	13 25	1 10	17 11	0 12	16 14	0 27	7 17	0 18	16 2	4 31	6 26	5 54	17 58	2 34	6 44
F 24	19 20	17 31	5 9	19 2	1 47	19 45	2 57	11 35	0 18	13 26	1 10	17 8	0 12	16 14	0 27	7 17	0 18	16 2	4 31	6 28	5 55	17 59	2 34	6 44
S 25	19 7	18 19	4 53	18 29	1 49	19 52	2 56	11 46	0 19	13 27	1 10	17 6	0 12	16 14	0 27	7 18	0 18	16 1	4 31	6 30	5 57	17 59	2 35	6 44
S 26	18 54	17 52	4 17	17 55	1 50	19 58	2 54	11 57	0 20	13 29	1 9	17 4	0 12	16 14	0 27	7 18	0 19	16 1	4 31	6 32	5 58	18 0	2 36	6 44
M27	18 40	16 10	3 23	17 19	1 50	20 4	2 53	12 8	0 21	13 30	1 9	17 2	0 12	16 14	0 27	7 19	0 19	16 1	4 30	6 34	5 59	18 0	2 37	6 45
T 28	18 26	13 25	2 17	16 42	1 50	20 9	2 51	12 19	0 22	13 31	1 9	17 0	0 12	16 14	0 27	7 19	0 19	16 1	4 30	6 36	6 0	18 0	2 37	6 45
W29	18 11	9 55	1 3	16 4	1 49	20 15	2 49	12 30	0 23	13 33	1 9	16 58	0 12	16 14	0 27	7 20	0 19	16 0	4 30	6 37	6 1	18 1	2 38	6 45
T 30	17 57	5 56	0n13	15 26	1 47	20 19	2 47	12 41	0 24	13 34	1 8	16 56	0 12	16 14	0 26	7 20	0 19	16 0	4 30	6 37	6 3	18 1	2 39	6 45
F 31	17n42	1n46	1n25	14n46	1n45	20n24	2s45	12s52	0s25	13s36	1n 8	16n54	0n13	16s14	0n26	7s21	0s19	16n 0	4s30	6n36	6n 4	18s 2	2s40	6n45

Julian Day Number = 3055837.5, Delta T = 02h28m58s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'05, Lahiri = 47°03'05

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

AUGUST 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 42 1	10♌32'02	11♎58	26♌42	26♊33	3♏42	10♏ 4	13♌21	16♏39	11°R49	27♋48	13♍ 3	14♍25	24♐17	6°R43	S 1
S 2	20 45 57	11°29'20	24°41	28°31	27°38	4°12	10° 9	13°29	16°39	11♓48	27°50	13° 5	14°21	24°24	6♓40	S 2
M 3	20 49 54	12°26'37	7♏ 6	0♍18	28°43	4°42	10°13	13°37	16°40	11°46	27°51	13°R 6	14°18	24°31	6°37	M 3
T 4	20 53 51	13°23'54	19°15	2° 3	29°48	5°13	10°18	13°45	16°40	11°45	27°52	13° 6	14°15	24°38	6°34	T 4
W 5	20 57 47	14°21'12	1♐15	3°46	0♋53	5°44	10°23	13°52	16°41	11°44	27°54	13° 5	14°12	24°44	6°32	W 5
T 6	21 1 44	15°18'29	13° 9	5°27	1°59	6°15	10°29	14° 0	16°41	11°42	27°55	13° 2	14° 9	24°51	6°29	T 6
F 7	21 5 40	16°15'46	25° 1	7° 6	3° 4	6°46	10°34	14° 8	16°42	11°41	27°57	12°59	14° 5	24°58	6°26	F 7
S 8	21 9 37	17°13'02	6♑56	8°43	4°10	7°17	10°40	14°16	16°43	11°39	27°58	12°55	14° 2	25° 4	6°23	S 8
S 9	21 13 33	18°10'19	18°56	10°17	5°16	7°49	10°45	14°23	16°44	11°38	27°59	12°50	13°59	25°11	6°20	S 9
M10	21 17 30	19° 7'36	1♒ 3	11°50	6°22	8°21	10°51	14°31	16°45	11°36	28° 1	12°47	13°56	25°18	6°17	M10
T 11	21 21 26	20° 4'53	13°20	13°21	7°29	8°52	10°57	14°39	16°46	11°35	28° 2	12°44	13°53	25°25	6°14	T 11
W12	21 25 23	21° 2'11	25°48	14°50	8°35	9°24	11° 3	14°46	16°46	11°33	28° 4	12°42	13°50	25°31	6°11	W12
T 13	21 29 20	21°59'28	8♓27	16°16	9°42	9°57	11°10	14°54	16°48	11°32	28° 5	12°D41	13°46	25°38	6° 8	T 13
F 14	21 33 16	22°56'46	21°19	17°41	10°49	10°29	11°16	15° 2	16°49	11°30	28° 6	12°41	13°43	25°45	6° 5	F 14
S 15	21 37 13	23°54'05	4♈24	19° 3	11°55	11° 2	11°23	15°10	16°50	11°29	28° 8	12°42	13°40	25°52	6° 2	S 15
S 16	21 41 9	24°51'24	17°42	20°23	13° 3	11°35	11°29	15°17	16°51	11°27	28° 9	12°43	13°37	25°58	5°59	S 16
M17	21 45 6	25°48'44	1♉15	21°42	14°10	12° 8	11°36	15°25	16°52	11°26	28°10	12°44	13°34	26° 5	5°56	M17
T 18	21 49 2	26°46'04	15° 1	22°57	15°17	12°41	11°43	15°33	16°53	11°24	28°12	12°45	13°31	26°12	5°53	T 18
W19	21 52 59	27°43'26	29° 2	24°11	16°25	13°14	11°50	15°40	16°55	11°23	28°13	12°R45	13°27	26°18	5°49	W19
T 20	21 56 55	28°40'48	13♊15	25°22	17°32	13°47	11°57	15°48	16°56	11°21	28°14	12°45	13°24	26°25	5°46	T 20
F 21	22 0 52	29°38'11	27°39	26°31	18°40	14°21	12° 5	15°56	16°58	11°19	28°15	12°44	13°21	26°32	5°43	F 21
S 22	22 4 49	0♍35'35	12♋10	27°37	19°48	14°55	12°12	16° 3	16°59	11°18	28°17	12°43	13°18	26°39	5°40	S 22
S 23	22 8 45	1°33'00	26°43	28°40	20°56	15°29	12°20	16°11	17° 1	11°16	28°18	12°41	13°15	26°45	5°37	S 23
M24	22 12 42	2°30'25	11♌12	29°41	22° 4	16° 3	12°27	16°18	17° 2	11°15	28°19	12°40	13°11	26°52	5°34	M24
T 25	22 16 38	3°27'52	25°32	0♎39	23°13	16°37	12°35	16°26	17° 4	11°13	28°21	12°39	13° 8	26°59	5°31	T 25
W26	22 20 35	4°25'19	9♍38	1°34	24°21	17°11	12°43	16°33	17° 5	11°11	28°22	12°D39	13° 5	27° 5	5°27	W26
T 27	22 24 31	5°22'47	23°26	2°26	25°29	17°46	12°51	16°41	17° 7	11°10	28°23	12°39	13° 2	27°12	5°24	T 27
F 28	22 28 28	6°20'15	6♎52	3°15	26°38	18°21	12°59	16°48	17° 9	11° 8	28°24	12°40	12°59	27°19	5°21	F 28
S 29	22 32 24	7°17'44	19°57	4° 1	27°47	18°56	13° 8	16°56	17°11	11° 7	28°25	12°40	12°56	27°26	5°18	S 29
S 30	22 36 21	8°15'14	2♏41	4°43	28°56	19°31	13°16	17° 3	17°13	11° 5	28°27	12°41	12°52	27°32	5°15	S 30
M31	22 40 18	9♍12'44	15♏ 8	5♎21	0♌ 5	20♏ 6	13♏25	17♌11	17♏15	11♓ 3	28♋28	12♍41	12♍49	27♐39	5♓12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n26	2s22	2n32	14n 6	1n42	20n28	2s43	13s 3	0s26	13s38	1n 8	16n52	0n13	16s14	0n26	7s21	0s19	16n 0	4s30	6n36	6n 5	18s 2	2s41	6n45
S 2	17 11	6 15	3 28	13 25	1 38	20 31	2 41	13 14	0 27	13 39	1 8	16 50	0 13	16 14	0 26	7 22	0 19	15 59	4 30	6 35	6 6	18 3	2 42	6 45
M 3	16 55	9 45	4 14	12 44	1 34	20 34	2 39	13 25	0 28	13 41	1 8	16 48	0 13	16 15	0 26	7 22	0 19	15 59	4 30	6 35	6 7	18 3	2 42	6 46
T 4	16 39	12 47	4 46	12 3	1 29	20 37	2 37	13 36	0 29	13 43	1 7	16 45	0 13	16 15	0 26	7 23	0 19	15 59	4 30	6 35	6 9	18 3	2 43	6 46
W 5	16 23	15 13	5 6	11 21	1 24	20 39	2 34	13 47	0 30	13 45	1 7	16 43	0 13	16 15	0 26	7 23	0 19	15 59	4 30	6 35	6 10	18 4	2 44	6 46
T 6	16 6	17 0	5 13	10 39	1 18	20 41	2 32	13 58	0 31	13 46	1 7	16 41	0 13	16 15	0 26	7 24	0 19	15 58	4 30	6 36	6 11	18 4	2 45	6 46
F 7	15 49	18 2	5 6	9 57	1 12	20 42	2 29	14 9	0 31	13 48	1 7	16 39	0 13	16 16	0 26	7 25	0 19	15 58	4 30	6 38	6 12	18 5	2 46	6 46
S 8	15 32	18 17	4 46	9 14	1 5	20 43	2 27	14 20	0 32	13 50	1 6	16 37	0 13	16 16	0 26	7 25	0 19	15 58	4 30	6 39	6 14	18 5	2 47	6 46
S 9	15 15	17 43	4 14	8 32	0 58	20 43	2 24	14 31	0 33	13 52	1 6	16 35	0 13	16 16	0 26	7 26	0 19	15 58	4 30	6 41	6 15	18 6	2 48	6 46
M10	14 57	16 20	3 29	7 50	0 50	20 43	2 21	14 42	0 34	13 54	1 6	16 33	0 13	16 16	0 26	7 26	0 19	15 57	4 30	6 42	6 16	18 6	2 49	6 46
T 11	14 39	14 12	2 34	7 8	0 42	20 43	2 18	14 53	0 35	13 56	1 6	16 30	0 13	16 17	0 26	7 27	0 19	15 57	4 30	6 43	6 17	18 6	2 50	6 46
W12	14 21	11 22	1 32	6 27	0 34	20 42	2 16	15 4	0 36	13 58	1 5	16 28	0 14	16 17	0 26	7 27	0 19	15 57	4 30	6 44	6 18	18 7	2 51	6 46
T 13	14 3	7 58	0 23	5 45	0 25	20 40	2 13	15 15	0 37	14 0	1 5	16 26	0 14	16 17	0 26	7 28	0 19	15 57	4 30	6 45	6 20	18 7	2 52	6 46
F 14	13 45	4 9	0s47	5 4	0 16	20 38	2 10	15 26	0 37	14 3	1 5	16 24	0 14	16 18	0 26	7 29	0 19	15 56	4 30	6 44	6 21	18 8	2 53	6 47
S 15	13 26	0 4	1 57	4 24	0 7	20 35	2 7	15 36	0 38	14 5	1 5	16 22	0 14	16 18	0 26	7 29	0 19	15 56	4 30	6 44	6 22	18 8	2 54	6 47
S 16	13 7	4n 5	3 1	3 44	0s 3	20 32	2 4	15 47	0 39	14 7	1 5	16 20	0 14	16 18	0 26	7 30	0 19	15 56	4 30	6 44	6 23	18 8	2 55	6 47
M17	12 48	8 5	3 57	3 4	0 13	20 29	2 1	15 58	0 40	14 9	1 4	16 18	0 14	16 19	0 26	7 30	0 19	15 56	4 30	6 43	6 24	18 9	2 56	6 47
T 18	12 29	11 44	4 40	2 25	0 23	20 25	1 57	16 9	0 40	14 12	1 4	16 15	0 14	16 19	0 26	7 31	0 19	15 55	4 30	6 43	6 26	18 9	2 57	6 47
W19	12 9	14 46	5 7	1 46	0 34	20 20	1 54	16 20	0 41	14 14	1 4	16 13	0 14	16 19	0 26	7 32	0 19	15 55	4 30	6 43	6 27	18 9	2 59	6 47
T 20	11 50	16 57	5 16	1 8	0 45	20 15	1 51	16 30	0 42	14 16	1 4	16 11	0 14	16 20	0 26	7 32	0 19	15 55	4 30	6 43	6 28	18 10	3 0	6 47
F 21	11 30	18 7	5 5	0 31	0 56	20 9	1 48	16 41	0 43	14 19	1 4	16 9	0 14	16 20	0 26	7 33	0 19	15 55	4 30	6 43	6 29	18 10	3 1	6 47
S 22	11 10	18 6	4 35	0s 5	1 7	20 3	1 44	16 51	0 43	14 21	1 3	16 7	0 14	16 21	0 26	7 33	0 19	15 54	4 30	6 44	6 30	18 11	3 2	6 47
S 23	10 50	16 54	3 48	0 40	1 18	19 57	1 41	17 2	0 44	14 24	1 3	16 5	0 14	16 21	0 26	7 34	0 19	15 54	4 30	6 44	6 32	18 11	3 3	6 47
M24	10 29	14 36	2 45	1 15	1 30	19 50	1 38	17 13	0 45	14 26	1 3	16 2	0 15	16 22	0 26	7 35	0 19	15 54	4 30	6 45	6 33	18 11	3 4	6 47
T 25	10 9	11 25	1 33	1 48	1 41	19 42	1 34	17 23	0 46	14 29	1 3	16 0	0 15	16 22	0 26	7 35	0 19	15 54	4 30	6 45	6 34	18 12	3 5	6 46
W26	9 48	7 38	0 17	2 21	1 53	19 34	1 31	17 33	0 46	14 31	1 3	15 58	0 15	16 23	0 26	7 36	0 19	15 53	4 30	6 45	6 35	18 12	3 7	6 46
T 27	9 27	3 30	0n59	2 52	2 4	19 25	1 27	17 44	0 47	14 34	1 2	15 56	0 15	16 23	0 26	7 36	0 19	15 53	4 30	6 45	6 36	18 12	3 8	6 46
F 28	9 6	0s42	2 10	3 22	2 16	19 16	1 24	17 54	0 48	14 37	1 2	15 54	0 15	16 24	0 26	7 37	0 19	15 53	4 30	6 45	6 38	18 13	3 9	6 46
S 29	8 45	4 45	3 12	3 51	2 28	19 6	1 20	18 4	0 48	14 39	1 2	15 52	0 15	16 24	0 26	7 38	0 19	15 53	4 30	6 45	6 39	18 13	3 10	6 46
S 30	8 24	8 29	4 3	4 18	2 39	18 56	1 17	18 14	0 49	14 42	1 2	15 50	0 15	16 25	0 26	7 38	0 19	15 52	4 30	6 45	6 40	18 13	3 11	6 46
M31	8n 3	11s44	4n41	4s44	2s51	18n45	1s13	18s24	0s50	14s45	1n 2	15n47	0n15	16s25	0n25	7s39	0s19	15n52	4s30	6n44	6n41	18s14	3s13	6n46

Julian Day Number = 3055868.5, Delta T = 02h28m59s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'09, Lahiri = 47°03'09

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

SEPTEMBER 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 44 14	10♍10'15	27♏19	5♎55	1♌14	20♏41	13♏33	17♌18	17♏16	11°R 2	28♋29	12♍41	12♍46	27♐46	5°R 8	T 1
W 2	22 48 11	11° 7'47	9♐20	6°25	2°23	21°17	13°42	17°25	17°18	11♓ 0	28°30	12°R41	12°43	27°52	5♓ 5	W 2
T 3	22 52 7	12° 5'19	21°15	6°51	3°32	21°52	13°51	17°33	17°21	10°58	28°31	12°D41	12°40	27°59	5° 2	T 3
F 4	22 56 4	13° 2'52	3♑ 8	7°13	4°42	22°28	14° 0	17°40	17°23	10°57	28°32	12°41	12°37	28° 6	4°59	F 4
S 5	23 0 0	14° 0'26	15° 4	7°30	5°51	23° 4	14° 9	17°47	17°25	10°55	28°33	12°41	12°33	28°13	4°56	S 5
S 6	23 3 57	14°58'01	27° 7	7°41	7° 1	23°40	14°18	17°54	17°27	10°54	28°34	12°42	12°30	28°19	4°53	S 6
M 7	23 7 53	15°55'36	9♒21	7°48	8°10	24°16	14°27	18° 2	17°29	10°52	28°35	12°42	12°27	28°26	4°50	M 7
T 8	23 11 50	16°53'12	21°47	7°R50	9°20	24°52	14°37	18° 9	17°31	10°50	28°36	12°42	12°24	28°33	4°47	T 8
W 9	23 15 47	17°50'49	4♓29	7°46	10°30	25°29	14°46	18°16	17°34	10°49	28°38	12°43	12°21	28°39	4°44	W 9
T 10	23 19 43	18°48'28	17°27	7°36	11°40	26° 5	14°56	18°23	17°36	10°47	28°39	12°R43	12°17	28°46	4°41	T 10
F 11	23 23 40	19°46'07	0♈41	7°21	12°50	26°42	15° 5	18°30	17°38	10°45	28°40	12°42	12°14	28°53	4°38	F 11
S 12	23 27 36	20°43'47	14°11	7° 0	14° 0	27°19	15°15	18°37	17°41	10°44	28°41	12°42	12°11	29° 0	4°35	S 12
S 13	23 31 33	21°41'29	27°54	6°34	15°11	27°55	15°25	18°44	17°43	10°42	28°41	12°41	12° 8	29° 6	4°32	S 13
M14	23 35 29	22°39'13	11♉48	6° 2	16°21	28°32	15°35	18°51	17°46	10°41	28°42	12°40	12° 5	29°13	4°29	M14
T 15	23 39 26	23°36'57	25°52	5°26	17°31	29°10	15°45	18°58	17°48	10°39	28°43	12°38	12° 2	29°20	4°26	T 15
W16	23 43 22	24°34'44	10♊ 1	4°44	18°42	29°47	15°55	19° 5	17°51	10°37	28°44	12°38	11°58	29°26	4°23	W16
T 17	23 47 19	25°32'32	24°14	3°59	19°53	0♐24	16° 5	19°11	17°54	10°36	28°45	12°D37	11°55	29°33	4°20	T 17
F 18	23 51 15	26°30'21	8♋28	3°10	21° 4	1° 2	16°16	19°18	17°56	10°34	28°46	12°37	11°52	29°40	4°17	F 18
S 19	23 55 12	27°28'13	22°40	2°18	22°14	1°39	16°26	19°25	17°59	10°33	28°47	12°38	11°49	29°47	4°14	S 19
S 20	23 59 9	28°26'06	6♌48	1°24	23°25	2°17	16°36	19°31	18° 2	10°31	28°48	12°39	11°46	29°53	4°12	S 20
M21	0 3 5	29°24'00	20°50	0°29	24°36	2°55	16°47	19°38	18° 4	10°30	28°49	12°41	11°42	0♑ 0	4° 9	M21
T 22	0 7 2	0♎21'56	4♍43	29♍35	25°47	3°33	16°58	19°45	18° 7	10°28	28°49	12°41	11°39	0° 7	4° 6	T 22
W23	0 10 58	1°19'54	18°25	28°42	26°59	4°11	17° 8	19°51	18°10	10°27	28°50	12°R41	11°36	0°13	4° 3	W23
T 24	0 14 55	2°17'53	1♎52	27°52	28°10	4°49	17°19	19°58	18°13	10°25	28°51	12°40	11°33	0°20	4° 1	T 24
F 25	0 18 51	3°15'53	15° 5	27° 5	29°21	5°28	17°30	20° 4	18°16	10°24	28°52	12°39	11°30	0°27	3°58	F 25
S 26	0 22 48	4°13'55	28° 1	26°24	0♍33	6° 6	17°41	20°10	18°19	10°22	28°52	12°36	11°27	0°34	3°56	S 26
S 27	0 26 44	5°11'59	10♏40	25°47	1°44	6°45	17°52	20°16	18°22	10°21	28°53	12°32	11°23	0°40	3°53	S 27
M28	0 30 41	6°10'03	23° 4	25°18	2°56	7°24	18° 3	20°23	18°25	10°19	28°54	12°29	11°20	0°47	3°50	M28
T 29	0 34 37	7° 8'09	5♐15	24°56	4° 8	8° 2	18°14	20°29	18°28	10°18	28°54	12°25	11°17	0°54	3°48	T 29
W30	0 38 34	8♎ 6'17	17♐16	24♍42	5♍19	8♐41	18♏25	20♌35	18♏31	10♓17	28♋55	12♍23	11♍14	1♑ 0	3♓46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n41	14s25	5n 6	5s 8	3s 2	18n34	1s10	18s34	0s50	14s47	1n 1	15n45	0n15	16s26	0n25	7s40	0s19	15n52	4s30	6n44	6n43	18s14	3s14	6n46
W 2	7 20	16 26	5 17	5 30	3 14	18 22	1 6	18 44	0 51	14 50	1 1	15 43	0 15	16 26	0 25	7 40	0 19	15 52	4 30	6 44	6 44	18 14	3 15	6 46
T 3	6 58	17 43	5 14	5 50	3 25	18 10	1 3	18 54	0 52	14 53	1 1	15 41	0 16	16 27	0 25	7 41	0 19	15 52	4 30	6 44	6 45	18 15	3 16	6 46
F 4	6 36	18 14	4 57	6 8	3 35	17 58	0 59	19 4	0 52	14 56	1 1	15 39	0 16	16 28	0 25	7 41	0 19	15 51	4 30	6 44	6 46	18 15	3 18	6 46
S 5	6 14	17 56	4 28	6 24	3 46	17 44	0 56	19 13	0 53	14 58	1 1	15 37	0 16	16 28	0 25	7 42	0 19	15 51	4 30	6 44	6 47	18 15	3 19	6 45
S 6	5 52	16 50	3 47	6 38	3 55	17 31	0 52	19 23	0 53	15 1	1 1	15 35	0 16	16 29	0 25	7 43	0 19	15 51	4 30	6 44	6 49	18 16	3 20	6 45
M 7	5 30	14 57	2 55	6 49	4 5	17 17	0 49	19 32	0 54	15 4	1 0	15 33	0 16	16 30	0 25	7 43	0 19	15 51	4 30	6 44	6 50	18 16	3 21	6 45
T 8	5 8	12 20	1 53	6 58	4 13	17 2	0 45	19 42	0 55	15 7	1 0	15 31	0 16	16 30	0 25	7 44	0 19	15 50	4 30	6 44	6 51	18 16	3 22	6 45
W 9	4 46	9 4	0 45	7 3	4 21	16 47	0 42	19 51	0 55	15 10	1 0	15 28	0 16	16 31	0 25	7 45	0 19	15 50	4 30	6 44	6 52	18 17	3 24	6 45
T 10	4 23	5 19	0s26	7 6	4 28	16 31	0 38	20 0	0 56	15 13	1 0	15 26	0 16	16 32	0 25	7 45	0 19	15 50	4 30	6 44	6 53	18 17	3 25	6 45
F 11	4 1	1 14	1 38	7 5	4 34	16 15	0 34	20 9	0 56	15 16	1 0	15 24	0 16	16 32	0 25	7 46	0 19	15 50	4 30	6 44	6 55	18 17	3 26	6 44
S 12	3 39	3n 0	2 46	7 2	4 39	15 59	0 31	20 18	0 57	15 19	1 0	15 22	0 16	16 33	0 25	7 46	0 19	15 49	4 30	6 44	6 56	18 18	3 27	6 44
S 13	3 16	7 8	3 45	6 54	4 42	15 42	0 28	20 27	0 57	15 22	0 59	15 20	0 16	16 34	0 25	7 47	0 19	15 49	4 30	6 45	6 57	18 18	3 29	6 44
M14	2 53	10 55	4 32	6 44	4 44	15 25	0 24	20 36	0 58	15 25	0 59	15 18	0 17	16 34	0 25	7 48	0 19	15 49	4 30	6 45	6 58	18 18	3 30	6 44
T 15	2 31	14 8	5 3	6 30	4 45	15 7	0 21	20 44	0 58	15 28	0 59	15 16	0 17	16 35	0 25	7 48	0 19	15 49	4 30	6 45	6 59	18 19	3 31	6 44
W16	2 8	16 32	5 16	6 13	4 44	14 49	0 17	20 53	0 59	15 31	0 59	15 14	0 17	16 36	0 25	7 49	0 19	15 49	4 31	6 46	7 1	18 19	3 32	6 43
T 17	1 45	17 56	5 10	5 52	4 41	14 30	0 14	21 1	1 0	15 34	0 59	15 12	0 17	16 37	0 25	7 49	0 19	15 48	4 31	6 46	7 2	18 19	3 34	6 43
F 18	1 23	18 13	4 45	5 28	4 36	14 11	0 10	21 10	1 0	15 37	0 59	15 10	0 17	16 37	0 25	7 50	0 19	15 48	4 31	6 46	7 3	18 19	3 35	6 43
S 19	1 0	17 21	4 2	5 2	4 29	13 52	0 7	21 18	1 1	15 40	0 58	15 8	0 17	16 38	0 25	7 51	0 19	15 48	4 31	6 45	7 4	18 20	3 36	6 43
S 20	0 37	15 25	3 5	4 33	4 21	13 32	0 4	21 26	1 1	15 43	0 58	15 6	0 17	16 39	0 25	7 51	0 19	15 48	4 31	6 45	7 5	18 20	3 37	6 42
M21	0 14	12 33	1 58	4 2	4 10	13 12	0 0	21 34	1 1	15 46	0 58	15 4	0 17	16 40	0 25	7 52	0 19	15 48	4 31	6 45	7 7	18 20	3 39	6 42
T 22	0s 9	9 1	0 44	3 29	3 58	12 51	0n 3	21 41	1 2	15 49	0 58	15 2	0 17	16 41	0 25	7 52	0 19	15 47	4 31	6 44	7 8	18 21	3 40	6 42
W23	0 32	5 2	0n32	2 56	3 44	12 30	0 6	21 49	1 2	15 53	0 58	15 0	0 18	16 41	0 25	7 53	0 19	15 47	4 31	6 44	7 9	18 21	3 41	6 42
T 24	0 54	0 51	1 44	2 22	3 29	12 9	0 9	21 56	1 3	15 56	0 58	14 59	0 18	16 42	0 25	7 53	0 19	15 47	4 31	6 45	7 10	18 21	3 42	6 41
F 25	1 17	3s17	2 49	1 48	3 13	11 47	0 13	22 4	1 3	15 59	0 58	14 57	0 18	16 43	0 25	7 54	0 19	15 47	4 31	6 45	7 11	18 21	3 43	6 41
S 26	1 40	7 11	3 44	1 15	2 55	11 26	0 16	22 11	1 4	16 2	0 57	14 55	0 18	16 44	0 25	7 55	0 19	15 47	4 31	6 46	7 13	18 22	3 45	6 41
S 27	2 3	10 39	4 27	0 44	2 36	11 3	0 19	22 18	1 4	16 5	0 57	14 53	0 18	16 45	0 25	7 55	0 19	15 46	4 31	6 48	7 14	18 22	3 46	6 40
M28	2 26	13 35	4 56	0 15	2 17	10 41	0 22	22 25	1 5	16 8	0 57	14 51	0 18	16 45	0 25	7 56	0 19	15 46	4 31	6 49	7 15	18 22	3 47	6 40
T 29	2 48	15 53	5 11	0n11	1 58	10 18	0 25	22 31	1 5	16 12	0 57	14 49	0 18	16 46	0 25	7 56	0 19	15 46	4 31	6 50	7 16	18 22	3 48	6 40
W30	3s11	17s26	5n13	0n35	1s38	9n54	0n28	22s38	1s 6	16s15	0n57	14n47	0n18	16s47	0n25	7s57	0s19	15n46	4s31	6n51	7n17	18s23	3s49	6n39

Julian Day Number = 3055899.5, Delta T = 02h29m00s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'13, Lahiri = 47°03'14

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

OCTOBER 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 42 31	9♎ 4'26	29♐10	24°D36	6♍31	9♐20	18♏37	20♌41	18♏34	10°R15	28♋56	12°R21	11♍11	1♉ 7	3°R43	T 1
F 2	0 46 27	10° 2'36	11♉ 2	24♍39	7°43	10° 0	18°48	20°47	18°37	10♓14	28°56	12°D20	11° 8	1°14	3♓41	F 2
S 3	0 50 24	11° 0'48	22°58	24°50	8°55	10°39	18°59	20°53	18°40	10°12	28°57	12♍21	11° 4	1°21	3°39	S 3
S 4	0 54 20	11°59'01	5♒ 0	25°11	10° 7	11°18	19°11	20°59	18°44	10°11	28°58	12°22	11° 1	1°27	3°36	S 4
M 5	0 58 17	12°57'15	17°16	25°40	11°19	11°58	19°22	21° 5	18°47	10°10	28°58	12°24	10°58	1°34	3°34	M 5
T 6	1 2 13	13°55'31	29°47	26°18	12°31	12°37	19°34	21°10	18°50	10° 8	28°59	12°26	10°55	1°41	3°32	T 6
W 7	1 6 10	14°53'48	12♓38	27° 4	13°44	13°17	19°46	21°16	18°53	10° 7	28°59	12°R26	10°52	1°47	3°30	W 7
T 8	1 10 6	15°52'07	25°51	27°58	14°56	13°57	19°57	21°21	18°57	10° 6	29° 0	12°25	10°48	1°54	3°28	T 8
F 9	1 14 3	16°50'27	9♈26	29° 0	16° 8	14°37	20° 9	21°27	19° 0	10° 5	29° 0	12°23	10°45	2° 1	3°26	F 9
S 10	1 18 0	17°48'49	23°20	0♎ 8	17°21	15°17	20°21	21°32	19° 3	10° 3	29° 0	12°19	10°42	2° 8	3°24	S 10
S 11	1 21 56	18°47'13	7♉32	1°23	18°33	15°57	20°33	21°38	19° 7	10° 2	29° 1	12°14	10°39	2°14	3°22	S 11
M12	1 25 53	19°45'39	21°54	2°44	19°46	16°37	20°45	21°43	19°10	10° 1	29° 1	12° 8	10°36	2°21	3°20	M12
T 13	1 29 49	20°44'07	6♊23	4° 9	20°59	17°17	20°57	21°48	19°13	10° 0	29° 2	12° 3	10°33	2°28	3°18	T 13
W14	1 33 46	21°42'37	20°52	5°40	22°11	17°57	21° 9	21°53	19°17	9°59	29° 2	11°58	10°29	2°34	3°17	W14
T 15	1 37 42	22°41'09	5♋15	7°14	23°24	18°38	21°21	21°59	19°20	9°58	29° 2	11°55	10°26	2°41	3°15	T 15
F 16	1 41 39	23°39'43	19°30	8°52	24°37	19°18	21°33	22° 4	19°24	9°57	29° 3	11°D54	10°23	2°48	3°13	F 16
S 17	1 45 35	24°38'19	3♌33	10°33	25°50	19°59	21°45	22° 8	19°27	9°56	29° 3	11°54	10°20	2°55	3°12	S 17
S 18	1 49 32	25°36'58	17°25	12°16	27° 3	20°40	21°58	22°13	19°31	9°55	29° 3	11°55	10°17	3° 1	3°10	S 18
M19	1 53 29	26°35'38	1♍ 5	14° 1	28°16	21°21	22°10	22°18	19°34	9°54	29° 3	11°57	10°14	3° 8	3° 9	M19
T 20	1 57 25	27°34'20	14°33	15°47	29°29	22° 2	22°22	22°23	19°38	9°53	29° 4	11°R57	10°10	3°15	3° 7	T 20
W21	2 1 22	28°33'05	27°49	17°35	0♎42	22°43	22°35	22°27	19°42	9°52	29° 4	11°56	10° 7	3°21	3° 6	W21
T 22	2 5 18	29°31'52	10♎54	19°23	1°56	23°24	22°47	22°32	19°45	9°51	29° 4	11°52	10° 4	3°28	3° 5	T 22
F 23	2 9 15	0♏30'40	23°47	21°12	3° 9	24° 5	22°59	22°36	19°49	9°50	29° 4	11°47	10° 1	3°35	3° 3	F 23
S 24	2 13 11	1°29'31	6♏28	23° 1	4°22	24°47	23°12	22°41	19°52	9°49	29° 4	11°39	9°58	3°42	3° 2	S 24
S 25	2 17 8	2°28'23	18°57	24°50	5°36	25°28	23°24	22°45	19°56	9°48	29° 4	11°30	9°54	3°48	3° 1	S 25
M26	2 21 4	3°27'17	1♐14	26°39	6°49	26°10	23°37	22°49	20° 0	9°47	29° 4	11°20	9°51	3°55	3° 0	M26
T 27	2 25 1	4°26'14	13°20	28°27	8° 3	26°51	23°50	22°53	20° 3	9°47	29° 4	11°10	9°48	4° 2	2°59	T 27
W28	2 28 57	5°25'11	25°18	0♏15	9°16	27°33	24° 2	22°57	20° 7	9°46	29° 4	11° 2	9°45	4° 8	2°58	W28
T 29	2 32 54	6°24'11	7♑11	2° 3	10°30	28°15	24°15	23° 1	20°11	9°45	29°R 4	10°56	9°42	4°15	2°57	T 29
F 30	2 36 51	7°23'12	19° 1	3°50	11°43	28°57	24°28	23° 5	20°14	9°44	29° 4	10°51	9°39	4°22	2°57	F 30
S 31	2 40 47	8♏22'15	0♒53	5♏37	12♎57	29♐39	24♏40	23♌ 9	20♏18	9♓44	29♋ 4	10♍49	9♍35	4♑29	2♓56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s34	18s13	5n 0	0n55	1s19	9n31	0n31	22s44	1s 6	16s18	0n57	14n46	0n18	16s48	0n25	7s57	0s19	15n46	4s31	6n52	7n19	18s23	3s50	6n39
F 2	3 57	18 12	4 35	1 11	1 0	9 7	0 33	22 51	1 6	16 21	0 57	14 44	0 18	16 49	0 25	7 58	0 19	15 46	4 31	6 52	7 20	18 23	3 51	6 39
S 3	4 19	17 22	3 58	1 24	0 41	8 43	0 36	22 57	1 7	16 24	0 56	14 42	0 19	16 50	0 25	7 58	0 19	15 45	4 31	6 52	7 21	18 23	3 53	6 38
S 4	4 42	15 45	3 11	1 32	0 24	8 19	0 39	23 3	1 7	16 28	0 56	14 40	0 19	16 51	0 25	7 59	0 19	15 45	4 31	6 51	7 22	18 24	3 54	6 38
M 5	5 4	13 24	2 13	1 36	0 7	7 54	0 42	23 8	1 8	16 31	0 56	14 39	0 19	16 52	0 25	7 59	0 19	15 45	4 31	6 51	7 23	18 24	3 55	6 38
T 6	5 27	10 22	1 9	1 36	0n 9	7 29	0 44	23 14	1 8	16 34	0 56	14 37	0 19	16 52	0 25	8 0	0 19	15 45	4 31	6 50	7 25	18 24	3 56	6 37
W 7	5 49	6 46	0s 1	1 32	0 24	7 4	0 47	23 19	1 8	16 37	0 56	14 35	0 19	16 53	0 25	8 0	0 19	15 45	4 31	6 50	7 26	18 24	3 57	6 37
T 8	6 11	2 45	1 13	1 23	0 38	6 39	0 49	23 24	1 9	16 40	0 56	14 33	0 19	16 54	0 25	8 1	0 19	15 45	4 31	6 50	7 27	18 25	3 58	6 37
F 9	6 34	1n32	2 22	1 10	0 51	6 13	0 52	23 29	1 9	16 44	0 56	14 32	0 19	16 55	0 24	8 1	0 19	15 45	4 32	6 51	7 28	18 25	3 59	6 36
S 10	6 56	5 49	3 24	0 54	1 2	5 48	0 54	23 34	1 9	16 47	0 56	14 30	0 19	16 56	0 24	8 2	0 19	15 44	4 32	6 53	7 29	18 25	4 0	6 36
S 11	7 18	9 52	4 15	0 34	1 12	5 22	0 57	23 39	1 10	16 50	0 56	14 29	0 20	16 57	0 24	8 2	0 19	15 44	4 32	6 55	7 30	18 25	4 1	6 36
M12	7 40	13 23	4 51	0 10	1 21	4 55	0 59	23 43	1 10	16 53	0 55	14 27	0 20	16 58	0 24	8 3	0 19	15 44	4 32	6 57	7 32	18 25	4 2	6 35
T 13	8 2	16 7	5 8	0s17	1 29	4 29	1 1	23 47	1 10	16 57	0 55	14 25	0 20	16 59	0 24	8 3	0 19	15 44	4 32	6 59	7 33	18 26	4 3	6 35
W14	8 23	17 49	5 6	0 46	1 35	4 3	1 3	23 51	1 11	17 0	0 55	14 24	0 20	17 0	0 24	8 3	0 19	15 44	4 32	7 1	7 34	18 26	4 4	6 34
T 15	8 45	18 23	4 45	1 18	1 41	3 36	1 6	23 55	1 11	17 3	0 55	14 22	0 20	17 1	0 24	8 4	0 19	15 44	4 32	7 2	7 35	18 26	4 5	6 34
F 16	9 6	17 46	4 6	1 52	1 45	3 9	1 8	23 59	1 11	17 6	0 55	14 21	0 20	17 2	0 24	8 4	0 19	15 44	4 32	7 2	7 36	18 26	4 6	6 34
S 17	9 28	16 3	3 13	2 28	1 48	2 42	1 10	24 2	1 12	17 9	0 55	14 19	0 20	17 3	0 24	8 5	0 19	15 44	4 32	7 2	7 38	18 26	4 7	6 33
S 18	9 49	13 26	2 9	3 6	1 51	2 15	1 11	24 6	1 12	17 13	0 55	14 18	0 20	17 4	0 24	8 5	0 19	15 43	4 32	7 2	7 39	18 27	4 8	6 33
M19	10 10	10 5	0 58	3 45	1 52	1 48	1 13	24 9	1 12	17 16	0 55	14 17	0 20	17 5	0 24	8 5	0 19	15 43	4 32	7 1	7 40	18 27	4 9	6 32
T 20	10 31	6 15	0n14	4 26	1 52	1 21	1 15	24 12	1 12	17 19	0 55	14 15	0 21	17 6	0 24	8 6	0 19	15 43	4 32	7 1	7 41	18 27	4 10	6 32
W21	10 52	2 9	1 25	5 7	1 52	0 54	1 17	24 14	1 13	17 22	0 54	14 14	0 21	17 7	0 24	8 6	0 19	15 43	4 32	7 2	7 42	18 27	4 11	6 31
T 22	11 12	1s59	2 30	5 49	1 51	0 26	1 18	24 17	1 13	17 25	0 54	14 12	0 21	17 8	0 24	8 6	0 19	15 43	4 32	7 3	7 44	18 27	4 12	6 31
F 23	11 33	5 57	3 26	6 31	1 49	0s 1	1 20	24 19	1 13	17 29	0 54	14 11	0 21	17 9	0 24	8 7	0 19	15 43	4 32	7 5	7 45	18 28	4 12	6 31
S 24	11 53	9 36	4 11	7 13	1 46	0 28	1 21	24 21	1 14	17 32	0 54	14 10	0 21	17 10	0 24	8 7	0 19	15 43	4 32	7 8	7 46	18 28	4 13	6 30
S 25	12 13	12 46	4 43	7 56	1 43	0 56	1 23	24 23	1 14	17 35	0 54	14 9	0 21	17 11	0 24	8 7	0 19	15 43	4 32	7 11	7 47	18 28	4 14	6 30
M26	12 33	15 18	5 1	8 38	1 40	1 24	1 24	24 24	1 14	17 38	0 54	14 7	0 21	17 12	0 24	8 8	0 19	15 43	4 32	7 15	7 48	18 28	4 15	6 29
T 27	12 53	17 9	5 5	9 20	1 36	1 51	1 25	24 25	1 14	17 41	0 54	14 6	0 21	17 12	0 24	8 8	0 19	15 43	4 32	7 19	7 50	18 28	4 16	6 29
W28	13 13	18 12	4 56	10 2	1 31	2 19	1 27	24 27	1 14	17 44	0 54	14 5	0 22	17 13	0 24	8 8	0 19	15 43	4 33	7 22	7 51	18 28	4 16	6 28
T 29	13 32	18 28	4 34	10 44	1 26	2 46	1 28	24 27	1 15	17 48	0 54	14 4	0 22	17 14	0 24	8 9	0 19	15 43	4 33	7 24	7 52	18 29	4 17	6 28
F 30	13 51	17 55	4 1	11 25	1 21	3 14	1 29	24 28	1 15	17 51	0 54	14 3	0 22	17 15	0 24	8 9	0 19	15 43	4 33	7 26	7 53	18 29	4 18	6 27
S 31	14s10	16s34	3n17	12s 5	1n16	3s41	1n30	24s28	1s15	17s54	0n54	14n 2	0n22	17s16	0n24	8s 9	0s19	15n43	4s33	7n27	7n54	18s29	4s18	6n27

Julian Day Number = 3055929.5, Delta T = 02h29m01s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'17, Lahiri = 47°03'18

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ASTRODIENST EPHEMERIS for the year 3654
geocentric

NOVEMBER 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 44 44	9♏21'20	12♒53	7♏23	14♎11	0♑21	24♏53	23♌12	20♏22	9°R43	29°R 4	10°D49	9♍32	4♑35	2°R55	S 1
M 2	2 48 40	10°20'27	25° 6	9° 8	15°25	1° 3	25° 6	23°16	20°26	9♓42	29♋ 4	10♍50	9°29	4°42	2♓55	M 2
T 3	2 52 37	11°19'35	7♓36	10°53	16°39	1°45	25°19	23°19	20°29	9°42	29° 4	10°R50	9°26	4°49	2°54	T 3
W 4	2 56 33	12°18'44	20°29	12°36	17°52	2°28	25°31	23°23	20°33	9°41	29° 4	10°50	9°23	4°55	2°54	W 4
T 5	3 0 30	13°17'56	3♈47	14°19	19° 6	3°10	25°44	23°26	20°37	9°41	29° 4	10°48	9°19	5° 2	2°53	T 5
F 6	3 4 26	14°17'09	17°33	16° 2	20°20	3°53	25°57	23°29	20°41	9°40	29° 4	10°43	9°16	5° 9	2°53	F 6
S 7	3 8 23	15°16'24	1♉45	17°43	21°34	4°35	26°10	23°32	20°44	9°40	29° 3	10°36	9°13	5°15	2°53	S 7
S 8	3 12 20	16°15'40	16°19	19°24	22°48	5°18	26°23	23°35	20°48	9°39	29° 3	10°27	9°10	5°22	2°52	S 8
M 9	3 16 16	17°14'59	1♊ 8	21° 4	24° 2	6° 1	26°36	23°38	20°52	9°39	29° 3	10°17	9° 7	5°29	2°52	M 9
T 10	3 20 13	18°14'20	16° 4	22°44	25°17	6°44	26°49	23°41	20°56	9°39	29° 3	10° 6	9° 4	5°36	2°52	T 10
W11	3 24 9	19°13'43	0♋57	24°22	26°31	7°27	27° 2	23°43	20°59	9°38	29° 2	9°58	9° 0	5°42	2°D52	W11
T 12	3 28 6	20°13'09	15°40	26° 0	27°45	8°10	27°15	23°46	21° 3	9°38	29° 2	9°51	8°57	5°49	2°52	T 12
F 13	3 32 2	21°12'36	0♌ 7	27°38	28°59	8°53	27°28	23°48	21° 7	9°38	29° 2	9°47	8°54	5°56	2°52	F 13
S 14	3 35 59	22°12'06	14°15	29°15	0♏14	9°36	27°41	23°51	21°11	9°38	29° 1	9°46	8°51	6° 2	2°52	S 14
S 15	3 39 55	23°11'37	28° 2	0♐51	1°28	10°19	27°54	23°53	21°15	9°37	29° 1	9°D45	8°48	6° 9	2°53	S 15
M16	3 43 52	24°11'11	11♍31	2°26	2°42	11° 2	28° 7	23°55	21°18	9°37	29° 1	9°R46	8°45	6°16	2°53	M16
T 17	3 47 49	25°10'48	24°43	4° 1	3°57	11°46	28°20	23°57	21°22	9°37	29° 0	9°45	8°41	6°23	2°53	T 17
W18	3 51 45	26°10'26	7♎40	5°36	5°11	12°29	28°33	23°59	21°26	9°37	29° 0	9°42	8°38	6°29	2°54	W18
T 19	3 55 42	27°10'07	20°25	7°10	6°26	13°13	28°46	24° 1	21°30	9°37	28°59	9°36	8°35	6°36	2°54	T 19
F 20	3 59 38	28° 9'49	2♏59	8°43	7°40	13°57	28°59	24° 3	21°33	9°D37	28°59	9°28	8°32	6°43	2°55	F 20
S 21	4 3 35	29° 9'34	15°24	10°16	8°55	14°40	29°12	24° 4	21°37	9°37	28°58	9°16	8°29	6°49	2°55	S 21
S 22	4 7 31	0♐ 9'20	27°40	11°48	10°10	15°24	29°25	24° 6	21°41	9°37	28°58	9° 3	8°25	6°56	2°56	S 22
M23	4 11 28	1° 9'09	9♐47	13°20	11°24	16° 8	29°38	24° 7	21°45	9°37	28°57	8°48	8°22	7° 3	2°57	M23
T 24	4 15 24	2° 8'59	21°48	14°51	12°39	16°52	29°51	24° 8	21°48	9°37	28°57	8°34	8°19	7°10	2°58	T 24
W25	4 19 21	3° 8'51	3♑42	16°22	13°54	17°36	0♐ 4	24° 9	21°52	9°37	28°56	8°21	8°16	7°16	2°59	W25
T 26	4 23 18	4° 8'45	15°32	17°53	15° 8	18°20	0°17	24°11	21°56	9°38	28°55	8°11	8°13	7°23	2°59	T 26
F 27	4 27 14	5° 8'41	27°20	19°22	16°23	19° 4	0°30	24°11	22° 0	9°38	28°55	8° 3	8°10	7°30	3° 0	F 27
S 28	4 31 11	6° 8'38	9♒11	20°52	17°38	19°49	0°43	24°12	22° 3	9°38	28°54	7°59	8° 6	7°36	3° 2	S 28
S 29	4 35 7	7° 8'36	21° 8	22°21	18°53	20°33	0°56	24°13	22° 7	9°38	28°54	7°57	8° 3	7°43	3° 3	S 29
M30	4 39 4	8♐ 8'37	3♓17	23♐49	20♏ 7	21♑17	1♐ 9	24♌14	22♏11	9♓39	28♋53	7♍56	8♍ 0	7♑50	3♓ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s29	14s29	2n24	12s45	1n10	4s 9	1n31	24s29	1s15	17s57	0n54	14n 1	0n22	17s17	0n24	8s 9	0s19	15n42	4s33	7n27	7n55	18s29	4s19	6n26
M 2	14 47	11 44	1 23	13 24	1 4	4 36	1 31	24 29	1 15	18 0	0 53	14 0	0 22	17 18	0 24	8 10	0 19	15 42	4 33	7 26	7 57	18 29	4 20	6 26
T 3	15 6	8 22	0 17	14 2	0 58	5 4	1 32	24 28	1 16	18 3	0 53	13 59	0 22	17 19	0 24	8 10	0 19	15 42	4 33	7 26	7 58	18 29	4 20	6 26
W 4	15 24	4 31	0s51	14 40	0 52	5 31	1 33	24 28	1 16	18 6	0 53	13 58	0 22	17 20	0 24	8 10	0 19	15 42	4 33	7 26	7 59	18 30	4 21	6 25
T 5	15 41	0 20	1 59	15 16	0 45	5 58	1 33	24 27	1 16	18 9	0 53	13 57	0 23	17 21	0 24	8 10	0 19	15 42	4 33	7 27	8 0	18 30	4 21	6 25
F 6	15 59	4n 1	3 2	15 52	0 39	6 25	1 34	24 26	1 16	18 12	0 53	13 56	0 23	17 22	0 24	8 10	0 19	15 42	4 33	7 29	8 1	18 30	4 22	6 24
S 7	16 16	8 16	3 56	16 27	0 32	6 52	1 34	24 25	1 16	18 16	0 53	13 55	0 23	17 23	0 24	8 10	0 19	15 42	4 33	7 32	8 3	18 30	4 23	6 24
S 8	16 33	12 9	4 36	17 1	0 25	7 19	1 35	24 24	1 16	18 19	0 53	13 54	0 23	17 24	0 24	8 11	0 19	15 42	4 33	7 35	8 4	18 30	4 23	6 23
M 9	16 50	15 20	4 59	17 34	0 18	7 46	1 35	24 22	1 17	18 22	0 53	13 53	0 23	17 25	0 24	8 11	0 19	15 42	4 33	7 39	8 5	18 30	4 24	6 23
T 10	17 6	17 31	5 1	18 6	0 11	8 13	1 35	24 20	1 17	18 25	0 53	13 52	0 23	17 26	0 24	8 11	0 19	15 42	4 33	7 43	8 6	18 30	4 24	6 22
W11	17 23	18 31	4 43	18 37	0 5	8 39	1 36	24 18	1 17	18 28	0 53	13 52	0 23	17 27	0 24	8 11	0 19	15 42	4 33	7 46	8 7	18 30	4 25	6 22
T 12	17 38	18 15	4 6	19 7	0s 2	9 5	1 36	24 15	1 17	18 31	0 53	13 51	0 24	17 28	0 24	8 11	0 19	15 42	4 33	7 48	8 8	18 31	4 25	6 21
F 13	17 54	16 47	3 14	19 36	0 9	9 32	1 36	24 13	1 17	18 34	0 53	13 50	0 24	17 29	0 24	8 11	0 19	15 42	4 33	7 50	8 10	18 31	4 25	6 21
S 14	18 9	14 19	2 11	20 4	0 16	9 57	1 36	24 10	1 17	18 36	0 53	13 50	0 24	17 30	0 24	8 11	0 19	15 42	4 33	7 50	8 11	18 31	4 26	6 20
S 15	18 24	11 5	1 2	20 31	0 23	10 23	1 35	24 7	1 17	18 39	0 53	13 49	0 24	17 31	0 24	8 11	0 19	15 42	4 33	7 50	8 12	18 31	4 26	6 20
M16	18 39	7 20	0n 9	20 57	0 30	10 49	1 35	24 3	1 17	18 42	0 53	13 48	0 24	17 32	0 24	8 11	0 19	15 43	4 33	7 50	8 13	18 31	4 26	6 19
T 17	18 53	3 17	1 18	21 22	0 37	11 14	1 35	24 0	1 17	18 45	0 53	13 48	0 24	17 33	0 24	8 12	0 19	15 43	4 33	7 51	8 14	18 31	4 27	6 19
W18	19 7	0s50	2 22	21 45	0 43	11 39	1 35	23 56	1 17	18 48	0 53	13 47	0 24	17 34	0 24	8 12	0 19	15 43	4 34	7 52	8 16	18 31	4 27	6 18
T 19	19 21	4 51	3 17	22 8	0 50	12 4	1 34	23 52	1 18	18 51	0 52	13 47	0 24	17 35	0 24	8 12	0 19	15 43	4 34	7 54	8 17	18 31	4 27	6 18
F 20	19 34	8 36	4 2	22 29	0 57	12 28	1 34	23 47	1 18	18 54	0 52	13 47	0 25	17 36	0 24	8 12	0 19	15 43	4 34	7 57	8 18	18 31	4 28	6 18
S 21	19 47	11 55	4 35	22 50	1 3	12 52	1 33	23 43	1 18	18 57	0 52	13 46	0 25	17 37	0 24	8 12	0 19	15 43	4 34	8 1	8 19	18 31	4 28	6 17
S 22	20 0	14 41	4 54	23 9	1 9	13 16	1 32	23 38	1 18	18 59	0 52	13 46	0 25	17 38	0 24	8 12	0 19	15 43	4 34	8 6	8 20	18 32	4 28	6 17
M23	20 12	16 47	5 0	23 27	1 16	13 40	1 32	23 33	1 18	19 2	0 52	13 45	0 25	17 39	0 24	8 12	0 19	15 43	4 34	8 12	8 21	18 32	4 28	6 16
T 24	20 24	18 7	4 52	23 44	1 22	14 3	1 31	23 27	1 18	19 5	0 52	13 45	0 25	17 40	0 24	8 11	0 19	15 43	4 34	8 17	8 23	18 32	4 28	6 16
W25	20 36	18 39	4 31	23 59	1 28	14 26	1 30	23 22	1 18	19 8	0 52	13 45	0 25	17 41	0 24	8 11	0 19	15 43	4 34	8 22	8 24	18 32	4 28	6 15
T 26	20 47	18 22	3 59	24 14	1 33	14 48	1 29	23 16	1 18	19 11	0 52	13 45	0 25	17 42	0 24	8 11	0 19	15 43	4 34	8 26	8 25	18 32	4 29	6 15
F 27	20 58	17 17	3 17	24 27	1 39	15 11	1 28	23 10	1 18	19 13	0 52	13 45	0 26	17 43	0 24	8 11	0 19	15 43	4 34	8 28	8 26	18 32	4 29	6 14
S 28	21 8	15 27	2 26	24 39	1 44	15 32	1 27	23 4	1 18	19 16	0 52	13 44	0 26	17 44	0 24	8 11	0 19	15 43	4 34	8 30	8 27	18 32	4 29	6 14
S 29	21 18	12 56	1 28	24 50	1 50	15 54	1 26	22 57	1 18	19 19	0 52	13 44	0 26	17 45	0 24	8 11	0 19	15 43	4 34	8 31	8 28	18 32	4 29	6 13
M30	21s28	9s50	0n25	24s59	1s55	16s15	1n25	22s50	1s18	19s21	0n52	13n44	0n26	17s46	0n24	8s11	0s19	15n44	4s34	8n31	8n30	18s32	4s29	6n13

Julian Day Number = 3055960.5, Delta T = 02h29m02s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'22, Lahiri = 47°03'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3654
geocentric

DECEMBER 3654 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 43 0	9♐ 8'38	15♓43	25♐17	21♏22	22♉ 2	1♐22	24♌14	22♏14	9♓39	28°R52	7°R56	7♍57	7♉56	3♓ 5	T 1
W 2	4 46 57	10° 8'41	28°30	26°44	22°37	22°46	1°35	24°14	22°18	9°39	28♋51	7♍55	7°54	8° 3	3° 7	W 2
T 3	4 50 53	11° 8'46	11♈45	28°11	23°52	23°31	1°48	24°15	22°22	9°40	28°51	7°53	7°51	8°10	3° 8	T 3
F 4	4 54 50	12° 8'52	25°29	29°37	25° 7	24°16	2° 1	24°15	22°25	9°40	28°50	7°48	7°47	8°17	3° 9	F 4
S 5	4 58 47	13° 8'59	9♉43	1♉ 3	26°22	25° 0	2°14	24°R15	22°29	9°41	28°49	7°40	7°44	8°23	3°11	S 5
S 6	5 2 43	14° 9'09	24°25	2°27	27°37	25°45	2°27	24°15	22°32	9°41	28°48	7°30	7°41	8°30	3°13	S 6
M 7	5 6 40	15° 9'19	9♊28	3°51	28°52	26°30	2°40	24°15	22°36	9°42	28°48	7°18	7°38	8°37	3°14	M 7
T 8	5 10 36	16° 9'32	24°42	5°15	0♐ 7	27°15	2°53	24°14	22°40	9°42	28°47	7° 7	7°35	8°43	3°16	T 8
W 9	5 14 33	17° 9'46	9♋57	6°37	1°22	28° 0	3° 6	24°14	22°43	9°43	28°46	6°57	7°31	8°50	3°18	W 9
T 10	5 18 29	18°10'02	25° 1	7°58	2°37	28°45	3°18	24°14	22°47	9°44	28°45	6°49	7°28	8°57	3°19	T 10
F 11	5 22 26	19°10'19	9♌47	9°19	3°52	29°30	3°31	24°13	22°50	9°44	28°44	6°44	7°25	9° 3	3°21	F 11
S 12	5 26 23	20°10'39	24° 8	10°38	5° 7	0♒15	3°44	24°12	22°54	9°45	28°43	6°42	7°22	9°10	3°23	S 12
S 13	5 30 19	21°11'00	8♍ 3	11°56	6°22	1° 1	3°57	24°11	22°57	9°46	28°42	6°D42	7°19	9°17	3°25	S 13
M14	5 34 16	22°11'23	21°34	13°12	7°37	1°46	4°10	24°10	23° 1	9°47	28°41	6°R42	7°16	9°24	3°27	M14
T 15	5 38 12	23°11'48	4♎42	14°26	8°52	2°31	4°22	24° 9	23° 4	9°47	28°40	6°41	7°12	9°30	3°29	T 15
W16	5 42 9	24°12'15	17°31	15°39	10° 7	3°17	4°35	24° 8	23° 7	9°48	28°39	6°39	7° 9	9°37	3°32	W16
T 17	5 46 5	25°12'43	0♏ 4	16°49	11°22	4° 2	4°48	24° 7	23°11	9°49	28°39	6°34	7° 6	9°44	3°34	T 17
F 18	5 50 2	26°13'13	12°25	17°57	12°38	4°48	5° 0	24° 5	23°14	9°50	28°38	6°26	7° 3	9°50	3°36	F 18
S 19	5 53 58	27°13'45	24°37	19° 2	13°53	5°33	5°13	24° 4	23°17	9°51	28°37	6°16	7° 0	9°57	3°39	S 19
S 20	5 57 55	28°14'18	6♐41	20° 3	15° 8	6°19	5°25	24° 2	23°21	9°52	28°36	6° 4	6°57	10° 4	3°41	S 20
M21	6 1 52	29°14'53	18°40	21° 1	16°23	7° 5	5°38	24° 1	23°24	9°53	28°34	5°50	6°53	10°10	3°43	M21
T 22	6 5 48	0♉15'29	0♉34	21°55	17°39	7°50	5°50	23°59	23°27	9°54	28°33	5°37	6°50	10°17	3°46	T 22
W23	6 9 45	1°16'07	12°25	22°43	18°54	8°36	6° 3	23°57	23°30	9°55	28°32	5°25	6°47	10°24	3°48	W23
T 24	6 13 41	2°16'46	24°15	23°27	20° 9	9°22	6°15	23°55	23°34	9°56	28°31	5°16	6°44	10°31	3°51	T 24
F 25	6 17 38	3°17'26	6♒ 5	24° 4	21°24	10° 8	6°28	23°53	23°37	9°57	28°30	5° 9	6°41	10°37	3°54	F 25
S 26	6 21 34	4°18'07	17°58	24°34	22°40	10°54	6°40	23°50	23°40	9°58	28°29	5° 5	6°37	10°44	3°56	S 26
S 27	6 25 31	5°18'49	29°56	24°56	23°55	11°40	6°52	23°48	23°43	10° 0	28°28	5°D 3	6°34	10°51	3°59	S 27
M28	6 29 27	6°19'32	12♓ 5	25°10	25°10	12°26	7° 4	23°46	23°46	10° 1	28°27	5° 3	6°31	10°57	4° 2	M28
T 29	6 33 24	7°20'16	24°29	25°R15	26°26	13°12	7°17	23°43	23°49	10° 2	28°26	5° 4	6°28	11° 4	4° 5	T 29
W30	6 37 21	8°21'00	7♈12	25° 9	27°41	13°58	7°29	23°41	23°52	10° 3	28°25	5°R 4	6°25	11°11	4° 8	W30
T 31	6 41 17	9♉21'46	20♈19	24♉53	28♐56	14♒44	7♐41	23♌38	23♏55	10♓ 5	28♋24	5♍ 4	6♍22	11♉17	4♓11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s37	6s13	0s41	25s 8	2s 0	16s36	1n24	22s43	1s18	19s24	0n52	13n44	0n26	17s47	0n24	8s11	0s19	15n44	4s34	8n31	8n31	18s32	4s29	6n12
W 2	21 46	2 13	1 47	25 15	2 4	16 56	1 22	22 36	1 18	19 27	0 52	13 44	0 26	17 48	0 24	8 11	0 19	15 44	4 34	8 31	8 32	18 32	4 29	6 12
T 3	21 55	2n 1	2 49	25 21	2 8	17 16	1 21	22 28	1 18	19 29	0 52	13 44	0 26	17 49	0 24	8 11	0 19	15 44	4 34	8 32	8 33	18 32	4 29	6 11
F 4	22 3	6 18	3 43	25 26	2 12	17 35	1 20	22 21	1 18	19 32	0 52	13 44	0 27	17 50	0 24	8 10	0 19	15 44	4 34	8 34	8 34	18 32	4 29	6 11
S 5	22 10	10 23	4 26	25 29	2 16	17 54	1 18	22 13	1 18	19 34	0 52	13 44	0 27	17 50	0 24	8 10	0 19	15 44	4 34	8 37	8 36	18 32	4 28	6 11
S 6	22 18	13 58	4 53	25 32	2 20	18 12	1 17	22 4	1 18	19 37	0 52	13 45	0 27	17 51	0 24	8 10	0 19	15 44	4 34	8 41	8 37	18 32	4 28	6 10
M 7	22 24	16 43	5 0	25 33	2 23	18 30	1 15	21 56	1 17	19 39	0 52	13 45	0 27	17 52	0 24	8 10	0 19	15 44	4 34	8 45	8 38	18 32	4 28	6 10
T 8	22 31	18 21	4 47	25 33	2 26	18 47	1 14	21 47	1 17	19 42	0 52	13 45	0 27	17 53	0 24	8 10	0 19	15 45	4 34	8 49	8 39	18 33	4 28	6 9
W 9	22 37	18 39	4 13	25 31	2 28	19 4	1 12	21 38	1 17	19 44	0 52	13 45	0 27	17 54	0 24	8 9	0 19	15 45	4 34	8 53	8 40	18 33	4 28	6 9
T 10	22 42	17 38	3 21	25 29	2 30	19 21	1 10	21 29	1 17	19 47	0 52	13 46	0 27	17 55	0 24	8 9	0 19	15 45	4 34	8 56	8 41	18 33	4 28	6 8
F 11	22 47	15 26	2 17	25 25	2 31	19 37	1 9	21 20	1 17	19 49	0 52	13 46	0 28	17 56	0 24	8 9	0 19	15 45	4 34	8 58	8 43	18 33	4 27	6 8
S 12	22 52	12 19	1 6	25 20	2 33	19 52	1 7	21 10	1 17	19 52	0 52	13 46	0 28	17 57	0 24	8 9	0 19	15 45	4 34	8 58	8 44	18 33	4 27	6 7
S 13	22 56	8 35	0n 7	25 14	2 33	20 7	1 5	21 0	1 17	19 54	0 52	13 47	0 28	17 58	0 24	8 8	0 19	15 45	4 34	8 59	8 45	18 33	4 27	6 7
M14	23 0	4 31	1 18	25 7	2 33	20 21	1 3	20 50	1 17	19 56	0 52	13 47	0 28	17 58	0 24	8 8	0 19	15 45	4 34	8 58	8 46	18 33	4 26	6 7
T 15	23 3	0 20	2 23	24 59	2 33	20 34	1 1	20 40	1 17	19 59	0 52	13 48	0 28	17 59	0 24	8 8	0 19	15 46	4 34	8 59	8 47	18 33	4 26	6 6
W16	23 6	3s45	3 18	24 50	2 32	20 47	0 59	20 29	1 17	20 1	0 52	13 48	0 28	18 0	0 24	8 7	0 19	15 46	4 34	8 59	8 48	18 33	4 26	6 6
T 17	23 8	7 35	4 3	24 39	2 30	21 0	0 57	20 19	1 16	20 3	0 52	13 49	0 29	18 1	0 24	8 7	0 19	15 46	4 34	9 1	8 50	18 33	4 25	6 5
F 18	23 10	11 2	4 36	24 28	2 28	21 12	0 55	20 8	1 16	20 5	0 52	13 49	0 29	18 2	0 24	8 7	0 19	15 46	4 34	9 4	8 51	18 33	4 25	6 5
S 19	23 12	13 58	4 56	24 16	2 24	21 23	0 53	19 57	1 16	20 8	0 52	13 50	0 29	18 3	0 24	8 6	0 19	15 46	4 34	9 8	8 52	18 33	4 24	6 4
S 20	23 13	16 16	5 2	24 3	2 20	21 34	0 51	19 45	1 16	20 10	0 52	13 51	0 29	18 3	0 24	8 6	0 19	15 47	4 34	9 12	8 53	18 33	4 24	6 4
M21	23 13	17 51	4 54	23 50	2 16	21 43	0 49	19 34	1 16	20 12	0 52	13 51	0 29	18 4	0 24	8 6	0 19	15 47	4 34	9 17	8 54	18 33	4 24	6 4
T 22	23 13	18 39	4 34	23 36	2 10	21 53	0 47	19 22	1 16	20 14	0 52	13 52	0 29	18 5	0 24	8 5	0 19	15 47	4 34	9 22	8 55	18 33	4 23	6 3
W23	23 13	18 38	4 2	23 21	2 3	22 2	0 44	19 10	1 15	20 16	0 52	13 53	0 29	18 6	0 24	8 5	0 19	15 47	4 34	9 26	8 57	18 33	4 22	6 3
T 24	23 12	17 48	3 20	23 6	1 55	22 10	0 42	18 58	1 15	20 18	0 52	13 54	0 30	18 6	0 24	8 4	0 19	15 47	4 34	9 30	8 58	18 33	4 22	6 2
F 25	23 11	16 11	2 28	22 51	1 46	22 17	0 40	18 45	1 15	20 20	0 52	13 55	0 30	18 7	0 24	8 4	0 19	15 48	4 34	9 32	8 59	18 33	4 21	6 2
S 26	23 9	13 53	1 30	22 35	1 36	22 24	0 38	18 33	1 15	20 22	0 52	13 55	0 30	18 8	0 24	8 4	0 19	15 48	4 34	9 34	9 0	18 33	4 21	6 2
S 27	23 7	10 58	0 27	22 20	1 24	22 30	0 35	18 20	1 15	20 24	0 52	13 56	0 30	18 9	0 24	8 3	0 19	15 48	4 34	9 35	9 1	18 33	4 20	6 1
M28	23 4	7 33	0s38	22 5	1 11	22 35	0 33	18 7	1 14	20 26	0 52	13 57	0 30	18 10	0 24	8 3	0 19	15 48	4 34	9 35	9 2	18 33	4 19	6 1
T 29	23 1	3 44	1 42	21 50	0 57	22 40	0 31	17 53	1 14	20 28	0 52	13 58	0 30	18 10	0 24	8 2	0 19	15 49	4 34	9 34	9 4	18 33	4 19	6 0
W30	22 58	0n19	2 44	21 36	0 42	22 44	0 28	17 40	1 14	20 30	0 52	13 59	0 30	18 11	0 24	8 2	0 19	15 49	4 34	9 34	9 5	18 33	4 18	6 0
T 31	22s54	4n29	3s38	21s22	0s25	22s47	0n26	17s27	1s14	20s32	0n52	14n 0	0n31	18s12	0n24	8s 1	0s19	15n49	4s34	9n34	9n 6	18s32	4s17	6n 0

Julian Day Number = 3055990.5, Delta T = 02h29m03s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'26, Lahiri = 47°03'26

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

JANUARY 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 45 14	10♑22'32	3♉53	24°R25	0♑12	15♒31	7♐53	23°R35	23♏58	10♓ 6	28°R23	5°R 1	6♍18	11♑24	4♓14	F 1
S 2	6 49 10	11°23'19	17°58	23♑46	1°27	16°17	8° 5	23♌32	24° 1	10° 7	28♋21	4♍56	6°15	11°31	4°17	S 2
S 3	6 53 7	12°24'07	2♊31	22°56	2°42	17° 3	8°17	23°29	24° 3	10° 9	28°20	4°50	6°12	11°38	4°20	S 3
M 4	6 57 3	13°24'56	17°28	21°55	3°58	17°50	8°28	23°26	24° 6	10°10	28°19	4°42	6° 9	11°44	4°23	M 4
T 5	7 1 0	14°25'46	2♋42	20°46	5°13	18°36	8°40	23°23	24° 9	10°12	28°18	4°34	6° 6	11°51	4°26	T 5
W 6	7 4 56	15°26'36	18° 3	19°30	6°28	19°23	8°52	23°19	24°12	10°13	28°17	4°26	6° 3	11°58	4°30	W 6
T 7	7 8 53	16°27'28	3♌18	18° 9	7°44	20° 9	9° 4	23°16	24°14	10°15	28°16	4°21	5°59	12° 4	4°33	T 7
F 8	7 12 50	17°28'20	18°17	16°46	8°59	20°56	9°15	23°13	24°17	10°16	28°14	4°18	5°56	12°11	4°36	F 8
S 9	7 16 46	18°29'13	2♍54	15°23	10°15	21°42	9°27	23° 9	24°20	10°18	28°13	4°D17	5°53	12°18	4°40	S 9
S 10	7 20 43	19°30'07	17° 3	14° 4	11°30	22°29	9°38	23° 6	24°22	10°19	28°12	4°17	5°50	12°24	4°43	S 10
M11	7 24 39	20°31'02	0♎45	12°51	12°45	23°16	9°50	23° 2	24°25	10°21	28°11	4°18	5°47	12°31	4°46	M11
T 12	7 28 36	21°31'59	14° 0	11°47	14° 1	24° 2	10° 1	22°58	24°27	10°23	28°10	4°20	5°43	12°38	4°50	T 12
W13	7 32 32	22°32'56	26°51	10°51	15°16	24°49	10°12	22°54	24°30	10°24	28° 8	4°R20	5°40	12°45	4°53	W13
T 14	7 36 29	23°33'54	9♏22	10° 6	16°32	25°36	10°23	22°50	24°32	10°26	28° 7	4°18	5°37	12°51	4°57	T 14
F 15	7 40 25	24°34'53	21°39	9°32	17°47	26°23	10°34	22°46	24°34	10°28	28° 6	4°15	5°34	12°58	5° 1	F 15
S 16	7 44 22	25°35'53	3♐44	9° 9	19° 3	27° 9	10°45	22°42	24°37	10°29	28° 5	4°10	5°31	13° 5	5° 4	S 16
S 17	7 48 19	26°36'54	15°41	8°57	20°18	27°56	10°56	22°38	24°39	10°31	28° 4	4° 3	5°28	13°11	5° 8	S 17
M18	7 52 15	27°37'55	27°34	8°D55	21°34	28°43	11° 7	22°34	24°41	10°33	28° 2	3°56	5°24	13°18	5°12	M18
T 19	7 56 12	28°38'57	9♑24	9° 2	22°49	29°30	11°18	22°30	24°43	10°35	28° 1	3°49	5°21	13°25	5°15	T 19
W20	8 0 8	29°40'00	21°15	9°18	24° 5	0♓17	11°29	22°25	24°45	10°36	28° 0	3°43	5°18	13°31	5°19	W20
T 21	8 4 5	0♒41'03	3♒ 7	9°42	25°20	1° 4	11°39	22°21	24°48	10°38	27°59	3°38	5°15	13°38	5°23	T 21
F 22	8 8 1	1°42'06	15° 2	10°13	26°35	1°51	11°50	22°17	24°50	10°40	27°57	3°34	5°12	13°45	5°27	F 22
S 23	8 11 58	2°43'10	27° 2	10°50	27°51	2°38	12° 0	22°12	24°52	10°42	27°56	3°33	5° 9	13°51	5°31	S 23
S 24	8 15 55	3°44'13	9♓10	11°34	29° 6	3°25	12°11	22° 8	24°53	10°44	27°55	3°D33	5° 5	13°58	5°35	S 24
M25	8 19 51	4°45'17	21°27	12°22	0♒22	4°12	12°21	22° 3	24°55	10°46	27°54	3°34	5° 2	14° 5	5°39	M25
T 26	8 23 48	5°46'21	3♈57	13°15	1°37	4°59	12°31	21°59	24°57	10°48	27°53	3°35	4°59	14°12	5°43	T 26
W27	8 27 44	6°47'25	16°43	14°11	2°53	5°47	12°41	21°54	24°59	10°50	27°51	3°37	4°56	14°18	5°47	W27
T 28	8 31 41	7°48'29	29°49	15°12	4° 8	6°34	12°51	21°49	25° 1	10°52	27°50	3°38	4°53	14°25	5°51	T 28
F 29	8 35 37	8°49'32	13♉16	16°15	5°24	7°21	13° 1	21°44	25° 2	10°54	27°49	3°R38	4°49	14°32	5°55	F 29
S 30	8 39 34	9°50'36	27° 8	17°22	6°39	8° 8	13°11	21°40	25° 4	10°56	27°48	3°37	4°46	14°38	5°59	S 30
S 31	8 43 30	10♒51'39	11♊23	18♑31	7♒55	8♓55	13♐20	21♌35	25♏ 6	10♓58	27♋47	3♍35	4♍43	14♑45	6♓ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s49	8n34	4s23	21s10	0s 7	22s50	0n24	17s13	1s14	20s34	0n52	14n 1	0n31	18s12	0n24	8s 1	0s19	15n49	4s34	9n35	9n 7	18s32	4s17	5n59
S 2	22 44	12 19	4 53	20 58	0n12	22 52	0 21	16 59	1 13	20 36	0 52	14 2	0 31	18 13	0 24	8 0	0 19	15 49	4 34	9 37	9 8	18 32	4 16	5 59
S 3	22 39	15 28	5 6	20 47	0 31	22 53	0 19	16 45	1 13	20 38	0 52	14 3	0 31	18 14	0 24	8 0	0 19	15 50	4 34	9 39	9 9	18 32	4 15	5 59
M 4	22 33	17 40	4 59	20 37	0 51	22 54	0 16	16 30	1 13	20 40	0 52	14 5	0 31	18 14	0 24	7 59	0 19	15 50	4 34	9 42	9 11	18 32	4 14	5 58
T 5	22 27	18 41	4 31	20 28	1 11	22 53	0 14	16 16	1 12	20 41	0 52	14 6	0 31	18 15	0 24	7 59	0 19	15 50	4 34	9 45	9 12	18 32	4 14	5 58
W 6	22 20	18 20	3 43	20 20	1 31	22 53	0 11	16 1	1 12	20 43	0 52	14 7	0 31	18 16	0 24	7 58	0 19	15 50	4 34	9 48	9 13	18 32	4 13	5 58
T 7	22 13	16 40	2 39	20 12	1 49	22 51	0 9	15 46	1 12	20 45	0 52	14 8	0 32	18 16	0 24	7 57	0 19	15 51	4 34	9 50	9 14	18 32	4 12	5 57
F 8	22 6	13 51	1 25	20 6	2 6	22 49	0 7	15 31	1 12	20 47	0 52	14 9	0 32	18 17	0 24	7 57	0 19	15 51	4 34	9 51	9 15	18 32	4 11	5 57
S 9	21 58	10 14	0 7	20 1	2 21	22 46	0 4	15 16	1 11	20 48	0 52	14 11	0 32	18 18	0 24	7 56	0 19	15 51	4 34	9 51	9 16	18 32	4 10	5 57
S 10	21 49	6 7	1n 9	19 57	2 33	22 42	0 2	15 1	1 11	20 50	0 52	14 12	0 32	18 18	0 24	7 56	0 19	15 52	4 34	9 51	9 17	18 32	4 9	5 56
M11	21 40	1 50	2 18	19 54	2 44	22 38	0s 1	14 45	1 11	20 52	0 52	14 13	0 32	18 19	0 24	7 55	0 19	15 52	4 34	9 51	9 19	18 32	4 8	5 56
T 12	21 31	2s25	3 18	19 51	2 52	22 33	0 3	14 30	1 10	20 53	0 52	14 15	0 32	18 19	0 24	7 54	0 19	15 52	4 34	9 50	9 20	18 32	4 7	5 56
W13	21 21	6 25	4 7	19 51	2 57	22 27	0 6	14 14	1 10	20 55	0 53	14 16	0 32	18 20	0 24	7 54	0 19	15 52	4 34	9 50	9 21	18 32	4 6	5 55
T 14	21 11	10 2	4 42	19 51	3 0	22 21	0 8	13 58	1 10	20 56	0 53	14 18	0 32	18 21	0 24	7 53	0 19	15 53	4 34	9 51	9 22	18 32	4 5	5 55
F 15	21 1	13 8	5 3	19 52	3 1	22 14	0 10	13 42	1 9	20 58	0 53	14 19	0 33	18 21	0 24	7 53	0 19	15 53	4 34	9 52	9 23	18 32	4 4	5 55
S 16	20 50	15 38	5 10	19 55	3 0	22 6	0 13	13 26	1 9	20 59	0 53	14 20	0 33	18 22	0 24	7 52	0 19	15 53	4 34	9 54	9 24	18 31	4 3	5 54
S 17	20 39	17 26	5 4	19 58	2 58	21 57	0 15	13 10	1 9	21 1	0 53	14 22	0 33	18 22	0 24	7 51	0 19	15 53	4 34	9 56	9 26	18 31	4 2	5 54
M18	20 27	18 28	4 45	20 2	2 54	21 48	0 18	12 53	1 8	21 2	0 53	14 23	0 33	18 23	0 24	7 51	0 19	15 54	4 34	9 59	9 27	18 31	4 1	5 54
T 19	20 15	18 41	4 13	20 7	2 49	21 39	0 20	12 36	1 8	21 4	0 53	14 25	0 33	18 23	0 24	7 50	0 19	15 54	4 34	10 1	9 28	18 31	4 0	5 54
W20	20 2	18 6	3 31	20 12	2 42	21 28	0 22	12 20	1 8	21 5	0 53	14 26	0 33	18 24	0 24	7 49	0 19	15 54	4 33	10 3	9 29	18 31	3 59	5 53
T 21	19 49	16 43	2 39	20 17	2 36	21 17	0 25	12 3	1 7	21 6	0 53	14 28	0 33	18 24	0 24	7 49	0 19	15 55	4 33	10 5	9 30	18 31	3 58	5 53
F 22	19 36	14 35	1 40	20 23	2 28	21 5	0 27	11 46	1 7	21 8	0 53	14 29	0 33	18 25	0 24	7 48	0 19	15 55	4 33	10 6	9 31	18 31	3 57	5 53
S 23	19 23	11 50	0 36	20 28	2 20	20 53	0 29	11 29	1 6	21 9	0 53	14 31	0 34	18 25	0 24	7 47	0 19	15 55	4 33	10 7	9 32	18 31	3 56	5 53
S 24	19 9	8 32	0s31	20 33	2 11	20 40	0 32	11 11	1 6	21 10	0 53	14 33	0 34	18 26	0 24	7 47	0 19	15 55	4 33	10 7	9 34	18 31	3 55	5 52
M25	18 54	4 51	1 37	20 37	2 2	20 26	0 34	10 54	1 6	21 12	0 53	14 34	0 34	18 26	0 24	7 46	0 19	15 56	4 33	10 7	9 35	18 30	3 53	5 52
T 26	18 40	0 53	2 39	20 41	1 53	20 12	0 36	10 37	1 5	21 13	0 53	14 36	0 34	18 27	0 24	7 45	0 19	15 56	4 33	10 6	9 36	18 30	3 52	5 52
W27	18 25	3n11	3 36	20 45	1 44	19 57	0 38	10 19	1 5	21 14	0 53	14 37	0 34	18 27	0 24	7 44	0 19	15 56	4 33	10 5	9 37	18 30	3 51	5 52
T 28	18 9	7 13	4 22	20 48	1 35	19 42	0 40	10 1	1 4	21 15	0 53	14 39	0 34	18 27	0 24	7 44	0 19	15 57	4 33	10 5	9 38	18 30	3 50	5 51
F 29	17 53	10 59	4 55	20 50	1 26	19 26	0 42	9 44	1 4	21 16	0 53	14 41	0 34	18 28	0 24	7 43	0 19	15 57	4 33	10 5	9 39	18 30	3 49	5 51
S 30	17 37	14 15	5 13	20 51	1 16	19 10	0 44	9 26	1 4	21 18	0 53	14 42	0 34	18 28	0 24	7 42	0 19	15 57	4 33	10 5	9 41	18 30	3 47	5 51
S 31	17s21	16n47	5s12	20s51	1n 7	18s52	0s47	9s 8	1s 3	21s19	0n54	14n44	0n35	18s28	0n24	7s41	0s19	15n58	4s33	10n 6	9n42	18s30	3s46	5n51

Julian Day Number = 3056021.5, Delta T = 02h29m03s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'30, Lahiri = 47°03'31

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

FEBRUARY 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 47 27	11♒52'42	26♊ 2	19♉42	9♒10	9♓43	13♐30	21°R30	25♏ 7	11♓ 0	27°R46	3°R33	4♍40	14♉52	6♓ 7	M 1
T 2	8 51 24	12°53'45	10♋57	20°55	10°26	10°30	13°39	21♑25	25° 9	11° 2	27♋44	3♍30	4°37	14°58	6°11	T 2
W 3	8 55 20	13°54'47	26° 3	22°10	11°41	11°17	13°49	21°20	25°10	11° 4	27°43	3°27	4°34	15° 5	6°15	W 3
T 4	8 59 17	14°55'50	11♌ 9	23°26	12°57	12° 4	13°58	21°16	25°11	11° 6	27°42	3°25	4°30	15°12	6°19	T 4
F 5	9 3 13	15°56'52	26° 7	24°44	14°12	12°52	14° 7	21°11	25°13	11° 8	27°41	3°24	4°27	15°18	6°23	F 5
S 6	9 7 10	16°57'54	10♍48	26° 3	15°28	13°39	14°16	21° 6	25°14	11°10	27°40	3°D24	4°24	15°25	6°28	S 6
S 7	9 11 6	17°58'55	25° 7	27°24	16°43	14°26	14°25	21° 1	25°15	11°12	27°39	3°25	4°21	15°32	6°32	S 7
M 8	9 15 3	18°59'57	8♎58	28°46	17°59	15°14	14°34	20°56	25°16	11°14	27°38	3°26	4°18	15°39	6°36	M 8
T 9	9 18 59	20° 0'59	22°23	0♒ 8	19°14	16° 1	14°43	20°51	25°17	11°17	27°36	3°27	4°15	15°45	6°40	T 9
W10	9 22 56	21° 2'01	5♏23	1°32	20°30	16°48	14°51	20°46	25°18	11°19	27°35	3°28	4°11	15°52	6°45	W10
T 11	9 26 53	22° 3'02	18° 0	2°56	21°45	17°36	14°59	20°41	25°19	11°21	27°34	3°R29	4° 8	15°59	6°49	T 11
F 12	9 30 49	23° 4'04	0♐19	4°22	23° 1	18°23	15° 8	20°36	25°20	11°23	27°33	3°29	4° 5	16° 5	6°53	F 12
S 13	9 34 46	24° 5'05	12°24	5°48	24°16	19°11	15°16	20°31	25°21	11°25	27°32	3°28	4° 2	16°12	6°58	S 13
S 14	9 38 42	25° 6'07	24°19	7°15	25°32	19°58	15°24	20°26	25°22	11°27	27°31	3°27	3°59	16°19	7° 2	S 14
M15	9 42 39	26° 7'08	6♑10	8°43	26°47	20°45	15°32	20°21	25°23	11°30	27°30	3°26	3°55	16°25	7° 6	M15
T 16	9 46 35	27° 8'08	17°59	10°11	28° 2	21°33	15°40	20°17	25°24	11°32	27°29	3°25	3°52	16°32	7°11	T 16
W17	9 50 32	28° 9'09	29°50	11°40	29°18	22°20	15°47	20°12	25°24	11°34	27°28	3°24	3°49	16°39	7°15	W17
T 18	9 54 28	29°10'09	11♒46	13°10	0♓33	23° 8	15°55	20° 7	25°25	11°36	27°27	3°24	3°46	16°45	7°19	T 18
F 19	9 58 25	0♓11'08	23°50	14°40	1°49	23°55	16° 2	20° 2	25°25	11°39	27°26	3°23	3°43	16°52	7°24	F 19
S 20	10 2 22	1°12'07	6♓ 2	16°11	3° 4	24°42	16°10	19°57	25°26	11°41	27°25	3°D23	3°40	16°59	7°28	S 20
S 21	10 6 18	2°13'04	18°25	17°43	4°20	25°30	16°17	19°52	25°26	11°43	27°24	3°23	3°36	17° 5	7°32	S 21
M22	10 10 15	3°14'01	0♈59	19°15	5°35	26°17	16°24	19°48	25°27	11°45	27°23	3°R24	3°33	17°12	7°37	M22
T 23	10 14 11	4°14'58	13°47	20°48	6°51	27° 5	16°30	19°43	25°27	11°48	27°22	3°24	3°30	17°19	7°41	T 23
W24	10 18 8	5°15'53	26°47	22°22	8° 6	27°52	16°37	19°38	25°27	11°50	27°21	3°23	3°27	17°25	7°46	W24
T 25	10 22 4	6°16'47	10♉ 3	23°56	9°21	28°40	16°44	19°34	25°27	11°52	27°20	3°23	3°24	17°32	7°50	T 25
F 26	10 26 1	7°17'40	23°34	25°31	10°37	29°27	16°50	19°29	25°28	11°54	27°19	3°23	3°20	17°39	7°54	F 26
S 27	10 29 57	8°18'32	7♊21	27° 7	11°52	0♈14	16°56	19°25	25°28	11°57	27°18	3°D23	3°17	17°46	7°59	S 27
S 28	10 33 54	9♓19'23	21♊24	28♒43	13♓ 8	1♈ 2	17♐ 2	19♑20	25°R28	11♓59	27♋17	3♍23	3♍14	17♉52	8♓ 3	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 4	18n19	4s51	20s50	0n58	18s35	0s49	8s50	1s 3	21s20	0n54	14n45	0n35	18s29	0n24	7s41	0s19	15n58	4s33	10n 7	9n43	18s30	3s45	5n50
T 2	16 47	18 37	4 10	20 49	0 49	18 17	0 50	8 32	1 2	21 21	0 54	14 47	0 35	18 29	0 24	7 40	0 19	15 58	4 33	10 8	9 44	18 29	3 43	5 50
W 3	16 30	17 36	3 12	20 46	0 40	17 58	0 52	8 13	1 2	21 22	0 54	14 49	0 35	18 29	0 24	7 39	0 19	15 58	4 32	10 9	9 45	18 29	3 42	5 50
T 4	16 13	15 21	2 0	20 42	0 31	17 39	0 54	7 55	1 1	21 23	0 54	14 50	0 35	18 30	0 24	7 38	0 19	15 59	4 32	10 10	9 46	18 29	3 41	5 50
F 5	15 55	12 4	0 40	20 37	0 22	17 19	0 56	7 37	1 1	21 24	0 54	14 52	0 35	18 30	0 24	7 37	0 19	15 59	4 32	10 10	9 47	18 29	3 39	5 50
S 6	15 37	8 5	0n41	20 32	0 14	16 59	0 58	7 18	1 0	21 25	0 54	14 54	0 35	18 30	0 24	7 37	0 19	15 59	4 32	10 10	9 49	18 29	3 38	5 50
S 7	15 18	3 43	1 57	20 25	0 5	16 38	1 0	7 0	1 0	21 26	0 54	14 55	0 35	18 31	0 24	7 36	0 19	16 0	4 32	10 10	9 50	18 29	3 37	5 49
M 8	15 0	0s42	3 5	20 16	0s 3	16 17	1 1	6 41	0 59	21 27	0 54	14 57	0 35	18 31	0 24	7 35	0 19	16 0	4 32	10 9	9 51	18 28	3 35	5 49
T 9	14 41	4 56	3 59	20 7	0 11	15 55	1 3	6 23	0 59	21 28	0 54	14 59	0 36	18 31	0 24	7 34	0 19	16 0	4 32	10 9	9 52	18 28	3 34	5 49
W10	14 21	8 47	4 40	19 57	0 19	15 33	1 5	6 4	0 59	21 28	0 54	15 0	0 36	18 31	0 24	7 33	0 19	16 1	4 32	10 9	9 53	18 28	3 33	5 49
T 11	14 2	12 8	5 6	19 45	0 26	15 11	1 6	5 45	0 58	21 29	0 54	15 2	0 36	18 32	0 24	7 33	0 19	16 1	4 32	10 8	9 54	18 28	3 31	5 49
F 12	13 42	14 52	5 17	19 33	0 34	14 48	1 8	5 26	0 58	21 30	0 54	15 4	0 36	18 32	0 24	7 32	0 19	16 1	4 32	10 9	9 55	18 28	3 30	5 49
S 13	13 22	16 54	5 13	19 19	0 41	14 24	1 9	5 7	0 57	21 31	0 55	15 5	0 36	18 32	0 24	7 31	0 19	16 1	4 32	10 9	9 57	18 28	3 28	5 48
S 14	13 2	18 10	4 56	19 4	0 48	14 1	1 11	4 48	0 57	21 32	0 55	15 7	0 36	18 32	0 24	7 30	0 19	16 2	4 31	10 9	9 58	18 27	3 27	5 48
M15	12 42	18 38	4 27	18 48	0 55	13 36	1 12	4 29	0 56	21 32	0 55	15 9	0 36	18 32	0 24	7 29	0 19	16 2	4 31	10 9	9 59	18 27	3 25	5 48
T 16	12 21	18 17	3 46	18 31	1 1	13 12	1 13	4 10	0 55	21 33	0 55	15 10	0 36	18 33	0 25	7 29	0 19	16 2	4 31	10 10	10 0	18 27	3 24	5 48
W17	12 1	17 8	2 56	18 13	1 7	12 47	1 15	3 51	0 55	21 34	0 55	15 12	0 36	18 33	0 25	7 28	0 19	16 3	4 31	10 10	10 1	18 27	3 22	5 48
T 18	11 40	15 13	1 57	17 53	1 13	12 22	1 16	3 32	0 54	21 35	0 55	15 13	0 36	18 33	0 25	7 27	0 19	16 3	4 31	10 10	10 2	18 27	3 21	5 48
F 19	11 18	12 37	0 53	17 33	1 19	11 56	1 17	3 13	0 54	21 35	0 55	15 15	0 37	18 33	0 25	7 26	0 19	16 3	4 31	10 10	10 3	18 26	3 20	5 48
S 20	10 57	9 27	0s15	17 11	1 24	11 30	1 18	2 54	0 53	21 36	0 55	15 17	0 37	18 33	0 25	7 25	0 19	16 4	4 31	10 10	10 5	18 26	3 18	5 48
S 21	10 35	5 49	1 23	16 48	1 29	11 4	1 19	2 35	0 53	21 36	0 55	15 18	0 37	18 33	0 25	7 24	0 19	16 4	4 31	10 10	10 6	18 26	3 17	5 48
M22	10 14	1 52	2 27	16 25	1 34	10 37	1 20	2 16	0 52	21 37	0 55	15 20	0 37	18 33	0 25	7 24	0 19	16 4	4 31	10 10	10 7	18 26	3 15	5 47
T 23	9 52	2n13	3 26	16 0	1 39	10 11	1 21	1 57	0 52	21 38	0 55	15 21	0 37	18 33	0 25	7 23	0 19	16 4	4 30	10 10	10 8	18 26	3 13	5 47
W24	9 30	6 16	4 15	15 34	1 43	9 44	1 22	1 37	0 51	21 38	0 56	15 23	0 37	18 33	0 25	7 22	0 19	16 5	4 30	10 10	10 9	18 25	3 12	5 47
T 25	9 8	10 4	4 52	15 6	1 47	9 16	1 23	1 18	0 51	21 39	0 56	15 24	0 37	18 33	0 25	7 21	0 19	16 5	4 30	10 11	10 10	18 25	3 10	5 47
F 26	8 45	13 26	5 13	14 38	1 51	8 49	1 24	0 59	0 50	21 39	0 56	15 26	0 37	18 33	0 25	7 20	0 19	16 5	4 30	10 11	10 11	18 25	3 9	5 47
S 27	8 23	16 8	5 17	14 9	1 54	8 21	1 24	0 40	0 49	21 40	0 56	15 27	0 37	18 33	0 25	7 19	0 20	16 6	4 30	10 11	10 13	18 25	3 7	5 47
S 28	8s 0	17n55	5s 2	13s39	1s57	7s53	1s25	0s21	0s49	21s40	0n56	15n29	0n37	18s33	0n25	7s18	0s20	16n 6	4s30	10n11	10n14	18s24	3s 6	5n47

Julian Day Number = 3056052.5, Delta T = 02h29m04s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'35, Lahiri = 47°03'35

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

MARCH 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 37 50	10♓20'12	5♋42	0♓21	14♓23	1♈49	17♐ 8	19°R16	25°R28	12♓ 1	27°R17	3♍23	3♍11	17♉59	8♓ 8	M 1
T 2	10 41 47	11°21'01	20°13	1°58	15°38	2°37	17°14	19♌11	25♏28	12° 3	27♋16	3°24	3° 8	18° 6	8°12	T 2
W 3	10 45 44	12°21'48	4♌51	3°37	16°54	3°24	17°20	19° 7	25°28	12° 6	27°15	3°25	3° 5	18°12	8°16	W 3
T 4	10 49 40	13°22'33	19°33	5°16	18° 9	4°11	17°25	19° 3	25°27	12° 8	27°14	3°25	3° 1	18°19	8°21	T 4
F 5	10 53 37	14°23'18	4♍11	6°56	19°24	4°59	17°31	18°58	25°27	12°10	27°13	3°R26	2°58	18°26	8°25	F 5
S 6	10 57 33	15°24'01	18°39	8°37	20°39	5°46	17°36	18°54	25°27	12°13	27°13	3°25	2°55	18°32	8°29	S 6
S 7	11 1 30	16°24'43	2♎51	10°19	21°55	6°33	17°41	18°50	25°26	12°15	27°12	3°24	2°52	18°39	8°34	S 7
M 8	11 5 26	17°25'24	16°43	12° 1	23°10	7°21	17°45	18°46	25°26	12°17	27°11	3°22	2°49	18°46	8°38	M 8
T 9	11 9 23	18°26'04	0♏12	13°44	24°25	8° 8	17°50	18°42	25°26	12°19	27°10	3°20	2°46	18°52	8°43	T 9
W10	11 13 19	19°26'43	13°17	15°29	25°40	8°55	17°55	18°38	25°25	12°22	27°10	3°18	2°42	18°59	8°47	W10
T 11	11 17 16	20°27'21	26° 0	17°14	26°56	9°42	17°59	18°34	25°25	12°24	27° 9	3°16	2°39	19° 6	8°51	T 11
F 12	11 21 13	21°27'58	8♐23	18°59	28°11	10°30	18° 3	18°31	25°24	12°26	27° 8	3°15	2°36	19°12	8°56	F 12
S 13	11 25 9	22°28'34	20°31	20°46	29°26	11°17	18° 7	18°27	25°23	12°28	27° 8	3°D14	2°33	19°19	9° 0	S 13
S 14	11 29 6	23°29'09	2♑28	22°33	0♈41	12° 4	18°11	18°23	25°23	12°31	27° 7	3°14	2°30	19°26	9° 4	S 14
M15	11 33 2	24°29'43	14°18	24°22	1°56	12°51	18°15	18°20	25°22	12°33	27° 7	3°16	2°26	19°32	9° 8	M15
T 16	11 36 59	25°30'16	26° 8	26°11	3°12	13°39	18°18	18°17	25°21	12°35	27° 6	3°17	2°23	19°39	9°13	T 16
W17	11 40 55	26°30'47	8♒ 1	28° 1	4°27	14°26	18°21	18°13	25°20	12°37	27° 5	3°19	2°20	19°46	9°17	W17
T 18	11 44 52	27°31'17	20° 1	29°51	5°42	15°13	18°24	18°10	25°19	12°40	27° 5	3°20	2°17	19°52	9°21	T 18
F 19	11 48 48	28°31'46	2♓12	1♈43	6°57	16° 0	18°27	18° 7	25°18	12°42	27° 4	3°R21	2°14	19°59	9°25	F 19
S 20	11 52 45	29°32'14	14°37	3°35	8°12	16°47	18°30	18° 4	25°17	12°44	27° 4	3°20	2°11	20° 6	9°30	S 20
S 21	11 56 41	0♈32'40	27°17	5°28	9°27	17°34	18°33	18° 1	25°16	12°46	27° 4	3°19	2° 7	20°13	9°34	S 21
M22	12 0 38	1°33'05	10♈13	7°21	10°42	18°21	18°35	17°58	25°15	12°48	27° 3	3°15	2° 4	20°19	9°38	M22
T 23	12 4 35	2°33'28	23°24	9°14	11°57	19° 8	18°37	17°55	25°14	12°51	27° 3	3°11	2° 1	20°26	9°42	T 23
W24	12 8 31	3°33'49	6♉49	11° 8	13°12	19°55	18°39	17°52	25°12	12°53	27° 2	3° 6	1°58	20°33	9°46	W24
T 25	12 12 28	4°34'09	20°27	13° 2	14°27	20°42	18°41	17°50	25°11	12°55	27° 2	3° 1	1°55	20°39	9°50	T 25
F 26	12 16 24	5°34'27	4♊15	14°55	15°42	21°29	18°43	17°47	25°10	12°57	27° 2	2°57	1°51	20°46	9°54	F 26
S 27	12 20 21	6°34'43	18°11	16°48	16°57	22°16	18°44	17°45	25° 8	12°59	27° 1	2°54	1°48	20°53	9°58	S 27
S 28	12 24 17	7°34'57	2♋14	18°41	18°12	23° 3	18°46	17°42	25° 7	13° 1	27° 1	2°D52	1°45	20°59	10° 2	S 28
M29	12 28 14	8°35'09	16°23	20°32	19°27	23°50	18°47	17°40	25° 6	13° 3	27° 1	2°53	1°42	21° 6	10° 6	M29
T 30	12 32 10	9°35'19	0♌34	22°23	20°42	24°37	18°48	17°38	25° 4	13° 6	27° 0	2°54	1°39	21°13	10°10	T 30
W31	12 36 7	10♈35'28	14♌48	24♈11	21♈57	25♈24	18♐48	17♌36	25♏ 3	13♓ 8	27♋ 0	2♍55	1♍36	21♉19	10♓14	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s38	18n38	4s29	13s 7	2s 0	7s25	1s25	0s 1	0s48	21s41	0n56	15n30	0n37	18s33	0n25	7s18	0s20	16n 6	4s30	10n10	10n15	18s24	3s 4	5n47
T 2	7 15	18 8	3 38	12 35	2 2	6 56	1 26	0n18	0 48	21 41	0 56	15 32	0 37	18 33	0 25	7 17	0 20	16 6	4 30	10 10	10 16	18 24	3 3	5 47
W 3	6 52	16 25	2 32	12 1	2 4	6 27	1 26	0 37	0 47	21 42	0 56	15 33	0 37	18 33	0 25	7 16	0 20	16 7	4 29	10 10	10 17	18 24	3 1	5 47
T 4	6 29	13 37	1 16	11 27	2 6	5 59	1 27	0 56	0 47	21 42	0 56	15 35	0 38	18 33	0 25	7 15	0 20	16 7	4 29	10 10	10 18	18 23	3 0	5 47
F 5	6 6	9 57	0n 4	10 51	2 7	5 30	1 27	1 15	0 46	21 42	0 57	15 36	0 38	18 33	0 25	7 14	0 20	16 7	4 29	10 10	10 19	18 23	2 58	5 47
S 6	5 42	5 44	1 23	10 15	2 8	5 0	1 27	1 35	0 45	21 43	0 57	15 37	0 38	18 33	0 25	7 13	0 20	16 8	4 29	10 10	10 21	18 23	2 56	5 47
S 7	5 19	1 16	2 36	9 37	2 8	4 31	1 27	1 54	0 45	21 43	0 57	15 39	0 38	18 33	0 25	7 12	0 20	16 8	4 29	10 10	10 22	18 23	2 55	5 47
M 8	4 56	3s 9	3 37	8 58	2 8	4 2	1 27	2 13	0 44	21 43	0 57	15 40	0 38	18 33	0 25	7 12	0 20	16 8	4 29	10 11	10 23	18 22	2 53	5 47
T 9	4 32	7 18	4 25	8 19	2 8	3 32	1 27	2 32	0 44	21 44	0 57	15 41	0 38	18 33	0 25	7 11	0 20	16 8	4 29	10 11	10 24	18 22	2 52	5 47
W10	4 9	10 57	4 57	7 38	2 7	3 3	1 27	2 51	0 43	21 44	0 57	15 42	0 38	18 33	0 25	7 10	0 20	16 9	4 29	10 12	10 25	18 22	2 50	5 47
T 11	3 45	14 0	5 14	6 56	2 6	2 33	1 27	3 10	0 42	21 44	0 57	15 44	0 38	18 32	0 25	7 9	0 20	16 9	4 28	10 13	10 26	18 22	2 48	5 47
F 12	3 21	16 19	5 15	6 14	2 4	2 3	1 27	3 29	0 42	21 45	0 57	15 45	0 38	18 32	0 25	7 8	0 20	16 9	4 28	10 13	10 27	18 21	2 47	5 47
S 13	2 58	17 52	5 2	5 30	2 2	1 33	1 27	3 48	0 41	21 45	0 57	15 46	0 38	18 32	0 25	7 7	0 20	16 9	4 28	10 14	10 28	18 21	2 45	5 47
S 14	2 34	18 36	4 36	4 46	1 59	1 3	1 27	4 6	0 40	21 45	0 57	15 47	0 38	18 32	0 25	7 7	0 20	16 10	4 28	10 14	10 30	18 21	2 44	5 47
M15	2 10	18 31	3 59	4 0	1 56	0 33	1 26	4 25	0 40	21 45	0 58	15 48	0 38	18 32	0 25	7 6	0 20	16 10	4 28	10 13	10 31	18 21	2 42	5 47
T 16	1 46	17 36	3 11	3 14	1 53	0 3	1 26	4 44	0 39	21 45	0 58	15 49	0 38	18 32	0 25	7 5	0 20	16 10	4 28	10 13	10 32	18 20	2 40	5 47
W17	1 22	15 55	2 15	2 27	1 49	0n27	1 25	5 3	0 39	21 46	0 58	15 50	0 38	18 31	0 25	7 4	0 20	16 10	4 28	10 12	10 33	18 20	2 39	5 47
T 18	0 59	13 31	1 13	1 39	1 44	0 57	1 25	5 21	0 38	21 46	0 58	15 51	0 38	18 31	0 25	7 3	0 20	16 11	4 27	10 11	10 34	18 20	2 37	5 47
F 19	0 35	10 30	0 6	0 50	1 39	1 27	1 24	5 40	0 37	21 46	0 58	15 53	0 38	18 31	0 25	7 2	0 20	16 11	4 27	10 11	10 35	18 19	2 36	5 47
S 20	0 11	6 57	1s 2	0 1	1 33	1 57	1 24	5 58	0 37	21 46	0 58	15 53	0 39	18 31	0 25	7 2	0 20	16 11	4 27	10 11	10 36	18 19	2 34	5 47
S 21	0n13	3 2	2 8	0n49	1 27	2 26	1 23	6 17	0 36	21 46	0 58	15 54	0 39	18 30	0 25	7 1	0 20	16 11	4 27	10 12	10 37	18 19	2 32	5 47
M22	0 37	1n 7	3 9	1 40	1 20	2 56	1 22	6 35	0 35	21 46	0 58	15 55	0 39	18 30	0 25	7 0	0 20	16 12	4 27	10 13	10 39	18 18	2 31	5 47
T 23	1 0	5 17	4 1	2 31	1 12	3 26	1 21	6 54	0 35	21 46	0 58	15 56	0 39	18 30	0 25	6 59	0 20	16 12	4 27	10 15	10 40	18 18	2 29	5 47
W24	1 24	9 15	4 40	3 23	1 4	3 56	1 20	7 12	0 34	21 46	0 59	15 57	0 39	18 29	0 25	6 58	0 20	16 12	4 27	10 17	10 41	18 18	2 28	5 47
T 25	1 48	12 48	5 5	4 15	0 55	4 26	1 19	7 30	0 33	21 46	0 59	15 58	0 39	18 29	0 25	6 57	0 20	16 12	4 26	10 18	10 42	18 18	2 26	5 48
F 26	2 12	15 41	5 12	5 7	0 46	4 55	1 18	7 48	0 33	21 46	0 59	15 59	0 39	18 29	0 25	6 57	0 20	16 12	4 26	10 20	10 43	18 17	2 25	5 48
S 27	2 35	17 42	5 1	5 59	0 37	5 25	1 17	8 6	0 32	21 46	0 59	16 0	0 39	18 28	0 25	6 56	0 20	16 13	4 26	10 21	10 44	18 17	2 23	5 48
S 28	2 59	18 40	4 32	6 51	0 26	5 54	1 16	8 24	0 31	21 46	0 59	16 0	0 39	18 28	0 25	6 55	0 20	16 13	4 26	10 21	10 45	18 17	2 21	5 48
M29	3 22	18 29	3 47	7 43	0 15	6 23	1 15	8 41	0 31	21 46	0 59	16 1	0 39	18 28	0 25	6 54	0 20	16 13	4 26	10 21	10 46	18 16	2 20	5 48
T 30	3 46	17 7	2 47	8 34	0 4	6 53	1 13	8 59	0 30	21 46	0 59	16 2	0 39	18 27	0 25	6 54	0 20	16 13	4 26	10 21	10 48	18 16	2 18	5 48
W31	4n 9	14n42	1s37	9n25	0n 8	7n22	1s12	9n17	0s30	21s46	0n59	16n 2	0n39	18s27	0n25	6s53	0s20	16n13	4s25	10n20	10n49	18s16	2s17	5n48

Julian Day Number = 3056080.5, Delta T = 02h29m05s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'38, Lahiri = 47°03'39

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

APRIL 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 4	11♈35'34	29♌ 1	25♈57	23♈11	26♈11	18♐49	17°R34	25°R 1	13♓10	27°R 0	2°R56	1♍32	21♑26	10♓18	T 1
F 2	12 44 0	12°35'38	13♍10	27°41	24°26	26°57	18°49	17♌32	24♏59	13°12	27♋ 0	2♍56	1°29	21°33	10°22	F 2
S 3	12 47 57	13°35'40	27°13	29°21	25°41	27°44	18°R49	17°31	24°58	13°14	27° 0	2°54	1°26	21°39	10°26	S 3
S 4	12 51 53	14°35'40	11♎ 5	0♉58	26°56	28°31	18°49	17°29	24°56	13°16	26°59	2°49	1°23	21°46	10°30	S 4
M 5	12 55 50	15°35'39	24°42	2°30	28°10	29°18	18°49	17°28	24°54	13°18	26°59	2°43	1°20	21°53	10°33	M 5
T 6	12 59 46	16°35'36	8♏ 3	3°58	29°25	0♉ 4	18°49	17°26	24°52	13°20	26°59	2°35	1°17	21°59	10°37	T 6
W 7	13 3 43	17°35'31	21° 4	5°21	0♉40	0°51	18°48	17°25	24°51	13°22	26°59	2°27	1°13	22° 6	10°41	W 7
T 8	13 7 39	18°35'25	3♐46	6°37	1°54	1°37	18°47	17°24	24°49	13°24	26°59	2°20	1°10	22°13	10°44	T 8
F 9	13 11 36	19°35'17	16°11	7°48	3° 9	2°24	18°46	17°23	24°47	13°26	26°59	2°13	1° 7	22°19	10°48	F 9
S 10	13 15 33	20°35'07	28°20	8°52	4°24	3°10	18°45	17°22	24°45	13°28	26°D59	2° 9	1° 4	22°26	10°52	S 10
S 11	13 19 29	21°34'56	10♑18	9°48	5°38	3°57	18°44	17°21	24°43	13°29	26°59	2° 6	1° 1	22°33	10°55	S 11
M12	13 23 26	22°34'43	22° 9	10°38	6°53	4°43	18°42	17°20	24°41	13°31	26°59	2°D 5	0°57	22°39	10°59	M12
T 13	13 27 22	23°34'28	3♒59	11°19	8° 7	5°30	18°41	17°20	24°39	13°33	26°59	2° 5	0°54	22°46	11° 2	T 13
W14	13 31 19	24°34'12	15°52	11°53	9°22	6°16	18°39	17°19	24°37	13°35	26°59	2° 7	0°51	22°53	11° 6	W14
T 15	13 35 15	25°33'55	27°54	12°19	10°36	7° 2	18°37	17°19	24°35	13°37	26°59	2°R 7	0°48	22°59	11° 9	T 15
F 16	13 39 12	26°33'35	10♓10	12°36	11°51	7°49	18°35	17°19	24°32	13°39	26°59	2° 7	0°45	23° 6	11°13	F 16
S 17	13 43 8	27°33'14	22°43	12°46	13° 5	8°35	18°32	17°18	24°30	13°40	27° 0	2° 5	0°42	23°13	11°16	S 17
S 18	13 47 5	28°32'51	5♈37	12°R47	14°20	9°21	18°30	17°D18	24°28	13°42	27° 0	2° 0	0°38	23°19	11°19	S 18
M19	13 51 1	29°32'26	18°51	12°41	15°34	10° 7	18°27	17°18	24°26	13°44	27° 0	1°54	0°35	23°26	11°23	M19
T 20	13 54 58	0♉32'00	2♉25	12°27	16°48	10°53	18°24	17°19	24°24	13°46	27° 0	1°45	0°32	23°33	11°26	T 20
W21	13 58 55	1°31'31	16°18	12° 6	18° 3	11°39	18°21	17°19	24°21	13°47	27° 0	1°35	0°29	23°39	11°29	W21
T 22	14 2 51	2°31'01	0♊23	11°39	19°17	12°26	18°17	17°19	24°19	13°49	27° 1	1°25	0°26	23°46	11°32	T 22
F 23	14 6 48	3°30'28	14°37	11° 6	20°31	13°12	18°14	17°20	24°17	13°51	27° 1	1°16	0°23	23°53	11°35	F 23
S 24	14 10 44	4°29'54	28°55	10°27	21°45	13°57	18°10	17°20	24°14	13°52	27° 1	1° 9	0°19	23°59	11°38	S 24
S 25	14 14 41	5°29'17	13♋11	9°45	23° 0	14°43	18° 6	17°21	24°12	13°54	27° 2	1° 4	0°16	24° 6	11°41	S 25
M26	14 18 37	6°28'38	27°24	9° 0	24°14	15°29	18° 2	17°22	24°10	13°55	27° 2	1° 2	0°13	24°13	11°44	M26
T 27	14 22 34	7°27'56	11♌31	8°12	25°28	16°15	17°58	17°23	24° 7	13°57	27° 2	1°D 2	0°10	24°19	11°47	T 27
W28	14 26 30	8°27'13	25°30	7°23	26°42	17° 1	17°54	17°24	24° 5	13°58	27° 3	1°R 3	0° 7	24°26	11°50	W28
T 29	14 30 27	9°26'27	9♍23	6°33	27°56	17°47	17°49	17°25	24° 2	14° 0	27° 3	1° 2	0° 3	24°33	11°53	T 29
F 30	14 34 24	10♉25'39	23♍ 7	5♉44	29♉10	18♉32	17♐45	17♌26	24♏ 0	14♓ 1	27♋ 4	1♍ 1	0♍ 0	24♑39	11♓56	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n33	11n23	0s21	10n15	0n20	7n50	1s11	9n34	0s29	21s46	0n59	16n 3	0n39	18s27	0n25	6s52	0s20	16n14	4s25	10n20	10n50	18s15	2s15	5n48
F 2	4 56	7 25	0n55	11 3	0 32	8 19	1 9	9 52	0 28	21 46	1 0	16 4	0 39	18 26	0 25	6 51	0 20	16 14	4 25	10 20	10 51	18 15	2 14	5 48
S 3	5 19	3 4	2 8	11 51	0 45	8 47	1 8	10 9	0 28	21 46	1 0	16 4	0 39	18 26	0 25	6 50	0 20	16 14	4 25	10 21	10 52	18 15	2 12	5 49
S 4	5 42	1s24	3 12	12 37	0 58	9 16	1 6	10 26	0 27	21 46	1 0	16 5	0 39	18 25	0 25	6 50	0 20	16 14	4 25	10 23	10 53	18 14	2 10	5 49
M 5	6 5	5 42	4 4	13 20	1 11	9 44	1 4	10 43	0 26	21 46	1 0	16 5	0 39	18 25	0 25	6 49	0 20	16 14	4 25	10 25	10 54	18 14	2 9	5 49
T 6	6 28	9 38	4 41	14 2	1 24	10 11	1 3	11 0	0 26	21 46	1 0	16 5	0 39	18 25	0 25	6 48	0 20	16 15	4 25	10 28	10 55	18 13	2 7	5 49
W 7	6 51	13 0	5 2	14 42	1 36	10 39	1 1	11 17	0 25	21 46	1 0	16 6	0 39	18 24	0 25	6 47	0 20	16 15	4 24	10 30	10 57	18 13	2 6	5 49
T 8	7 13	15 40	5 8	15 19	1 49	11 6	0 59	11 33	0 24	21 45	1 0	16 6	0 39	18 24	0 25	6 47	0 20	16 15	4 24	10 33	10 58	18 13	2 4	5 49
F 9	7 36	17 33	4 59	15 54	2 1	11 33	0 57	11 50	0 23	21 45	1 0	16 7	0 39	18 23	0 25	6 46	0 20	16 15	4 24	10 35	10 59	18 12	2 3	5 49
S 10	7 58	18 36	4 37	16 25	2 13	12 0	0 56	12 6	0 23	21 45	1 0	16 7	0 39	18 23	0 25	6 45	0 20	16 15	4 24	10 37	11 0	18 12	2 1	5 50
S 11	8 20	18 48	4 3	16 54	2 24	12 26	0 54	12 22	0 22	21 45	1 1	16 7	0 39	18 22	0 25	6 45	0 20	16 15	4 24	10 38	11 1	18 12	2 0	5 50
M12	8 43	18 9	3 18	17 19	2 34	12 52	0 52	12 39	0 21	21 45	1 1	16 7	0 39	18 22	0 25	6 44	0 20	16 15	4 24	10 38	11 2	18 11	1 58	5 50
T 13	9 4	16 43	2 26	17 41	2 44	13 18	0 50	12 55	0 21	21 44	1 1	16 8	0 39	18 21	0 25	6 43	0 20	16 16	4 23	10 38	11 3	18 11	1 57	5 50
W14	9 26	14 34	1 26	18 0	2 52	13 44	0 48	13 10	0 20	21 44	1 1	16 8	0 39	18 21	0 25	6 42	0 20	16 16	4 23	10 38	11 4	18 10	1 55	5 50
T 15	9 48	11 44	0 23	18 14	2 59	14 9	0 45	13 26	0 19	21 44	1 1	16 8	0 39	18 20	0 25	6 42	0 20	16 16	4 23	10 37	11 6	18 10	1 54	5 51
F 16	10 9	8 21	0s43	18 26	3 6	14 34	0 43	13 42	0 19	21 44	1 1	16 8	0 39	18 20	0 25	6 41	0 20	16 16	4 23	10 38	11 7	18 10	1 53	5 51
S 17	10 31	4 31	1 48	18 33	3 10	14 58	0 41	13 57	0 18	21 43	1 1	16 8	0 39	18 19	0 25	6 40	0 20	16 16	4 23	10 38	11 8	18 9	1 51	5 51
S 18	10 52	0 23	2 50	18 37	3 14	15 22	0 39	14 12	0 17	21 43	1 1	16 8	0 39	18 19	0 25	6 40	0 20	16 16	4 23	10 40	11 9	18 9	1 50	5 51
M19	11 13	3n52	3 43	18 37	3 16	15 46	0 37	14 27	0 17	21 43	1 1	16 8	0 40	18 18	0 25	6 39	0 20	16 16	4 23	10 42	11 10	18 9	1 48	5 51
T 20	11 33	8 2	4 26	18 33	3 16	16 9	0 34	14 42	0 16	21 42	1 1	16 8	0 40	18 18	0 25	6 39	0 20	16 17	4 22	10 46	11 11	18 8	1 47	5 52
W21	11 54	11 52	4 53	18 25	3 14	16 32	0 32	14 57	0 15	21 42	1 1	16 8	0 40	18 17	0 25	6 38	0 20	16 17	4 22	10 49	11 12	18 8	1 46	5 52
T 22	12 14	15 5	5 4	18 13	3 11	16 55	0 30	15 12	0 15	21 42	1 1	16 8	0 40	18 16	0 25	6 37	0 20	16 17	4 22	10 53	11 13	18 7	1 44	5 52
F 23	12 34	17 27	4 56	17 58	3 6	17 17	0 27	15 26	0 14	21 41	1 2	16 8	0 40	18 16	0 25	6 37	0 20	16 17	4 22	10 56	11 14	18 7	1 43	5 52
S 24	12 54	18 44	4 29	17 40	2 59	17 38	0 25	15 40	0 13	21 41	1 2	16 8	0 40	18 15	0 25	6 36	0 20	16 17	4 22	10 58	11 16	18 6	1 41	5 52
S 25	13 14	18 49	3 46	17 19	2 51	17 59	0 22	15 55	0 13	21 40	1 2	16 8	0 40	18 15	0 25	6 36	0 20	16 17	4 22	11 0	11 17	18 6	1 40	5 53
M26	13 33	17 44	2 49	16 55	2 41	18 20	0 20	16 8	0 12	21 40	1 2	16 7	0 40	18 14	0 25	6 35	0 20	16 17	4 21	11 0	11 18	18 6	1 39	5 53
T 27	13 53	15 32	1 42	16 29	2 30	18 40	0 18	16 22	0 11	21 40	1 2	16 7	0 40	18 14	0 25	6 34	0 20	16 17	4 21	11 1	11 19	18 5	1 38	5 53
W28	14 12	12 26	0 29	16 1	2 17	19 0	0 15	16 36	0 11	21 39	1 2	16 7	0 40	18 13	0 25	6 34	0 20	16 17	4 21	11 0	11 20	18 5	1 36	5 53
T 29	14 30	8 40	0n44	15 31	2 3	19 19	0 12	16 49	0 10	21 39	1 2	16 6	0 40	18 12	0 25	6 33	0 20	16 17	4 21	11 0	11 21	18 4	1 35	5 54
F 30	14n49	4n28	1n55	15n 1	1n48	19n38	0s10	17n 2	0s 9	21s38	1n 2	16n 6	0n40	18s12	0n25	6s33	0s20	16n17	4s21	11n 1	11n22	18s 4	1s34	5n54

Julian Day Number = 3056111.5, Delta T = 02h29m06s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'43, Lahiri = 47°03'43

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

MAY 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 20	11♉24'48	6♎43	4°R57	0♊24	19♉18	17°R40	17♌28	23°R57	14♓ 3	27♋ 4	0°R56	29♌57	24♑46	11♓58	S 1
S 2	14 42 17	12°23'56	20°10	4♉13	1°38	20° 4	17♐35	17°29	23♏55	14° 4	27° 5	0♍49	29°54	24°53	12° 1	S 2
M 3	14 46 13	13°23'01	3♏25	3°31	2°52	20°49	17°30	17°31	23°52	14° 6	27° 5	0°39	29°51	24°59	12° 3	M 3
T 4	14 50 10	14°22'05	16°27	2°53	4° 6	21°35	17°25	17°32	23°50	14° 7	27° 6	0°27	29°48	25° 6	12° 6	T 4
W 5	14 54 6	15°21'06	29°16	2°20	5°19	22°20	17°19	17°34	23°47	14° 8	27° 6	0°14	29°44	25°13	12° 9	W 5
T 6	14 58 3	16°20'06	11♐49	1°51	6°33	23° 6	17°14	17°36	23°45	14°10	27° 7	0° 2	29°41	25°20	12°11	T 6
F 7	15 1 59	17°19'04	24° 8	1°27	7°47	23°51	17° 8	17°38	23°42	14°11	27° 7	29♌51	29°38	25°26	12°13	F 7
S 8	15 5 56	18°18'00	6♑15	1° 8	9° 1	24°36	17° 2	17°40	23°40	14°12	27° 8	29°42	29°35	25°33	12°16	S 8
S 9	15 9 53	19°16'55	18°11	0°55	10°14	25°22	16°56	17°42	23°37	14°13	27° 9	29°35	29°32	25°40	12°18	S 9
M10	15 13 49	20°15'48	0♒ 1	0°47	11°28	26° 7	16°50	17°45	23°34	14°15	27° 9	29°32	29°29	25°46	12°20	M10
T 11	15 17 46	21°14'39	11°50	0°D44	12°42	26°52	16°44	17°47	23°32	14°16	27°10	29°30	29°25	25°53	12°23	T 11
W12	15 21 42	22°13'28	23°43	0°46	13°55	27°37	16°38	17°50	23°29	14°17	27°11	29°30	29°22	26° 0	12°25	W12
T 13	15 25 39	23°12'16	5♓44	0°54	15° 9	28°22	16°31	17°52	23°27	14°18	27°11	29°30	29°19	26° 6	12°27	T 13
F 14	15 29 35	24°11'02	18° 1	1° 7	16°22	29° 7	16°25	17°55	23°24	14°19	27°12	29°29	29°16	26°13	12°29	F 14
S 15	15 33 32	25° 9'47	0♈36	1°24	17°36	29°52	16°18	17°58	23°22	14°20	27°13	29°26	29°13	26°20	12°31	S 15
S 16	15 37 28	26° 8'29	13°35	1°46	18°49	0♊37	16°12	18° 1	23°19	14°21	27°14	29°21	29° 9	26°26	12°33	S 16
M17	15 41 25	27° 7'11	27° 0	2°12	20° 3	1°22	16° 5	18° 4	23°16	14°22	27°15	29°13	29° 6	26°33	12°34	M17
T 18	15 45 22	28° 5'50	10♉50	2°43	21°16	2° 7	15°58	18° 7	23°14	14°23	27°15	29° 2	29° 3	26°40	12°36	T 18
W19	15 49 18	29° 4'28	25° 3	3°18	22°30	2°52	15°51	18°10	23°11	14°24	27°16	28°51	29° 0	26°46	12°38	W19
T 20	15 53 15	0♊ 3'04	9♊33	3°57	23°43	3°36	15°44	18°14	23° 9	14°25	27°17	28°39	28°57	26°53	12°40	T 20
F 21	15 57 11	1° 1'38	24°14	4°39	24°56	4°21	15°37	18°17	23° 6	14°26	27°18	28°28	28°54	27° 0	12°41	F 21
S 22	16 1 8	2° 0'11	8♋57	5°25	26° 9	5° 6	15°30	18°20	23° 4	14°27	27°19	28°20	28°50	27° 6	12°43	S 22
S 23	16 5 4	2°58'41	23°35	6°15	27°23	5°50	15°22	18°24	23° 1	14°27	27°20	28°14	28°47	27°13	12°44	S 23
M24	16 9 1	3°57'09	8♌ 4	7° 7	28°36	6°35	15°15	18°28	22°59	14°28	27°21	28°11	28°44	27°20	12°46	M24
T 25	16 12 57	4°55'35	22°18	8° 3	29°49	7°20	15° 8	18°32	22°56	14°29	27°22	28°10	28°41	27°26	12°47	T 25
W26	16 16 54	5°54'00	6♍17	9° 2	1♋ 2	8° 4	15° 0	18°35	22°54	14°30	27°23	28°10	28°38	27°33	12°49	W26
T 27	16 20 51	6°52'22	20° 2	10° 4	2°15	8°48	14°53	18°39	22°51	14°30	27°24	28°10	28°34	27°40	12°50	T 27
F 28	16 24 47	7°50'41	3♎32	11° 9	3°28	9°33	14°45	18°43	22°49	14°31	27°25	28° 8	28°31	27°46	12°51	F 28
S 29	16 28 44	8°48'59	16°49	12°16	4°41	10°17	14°38	18°48	22°46	14°31	27°26	28° 3	28°28	27°53	12°52	S 29
S 30	16 32 40	9°47'15	29°54	13°26	5°54	11° 1	14°30	18°52	22°44	14°32	27°27	27°56	28°25	28° 0	12°53	S 30
M31	16 36 37	10♊45'30	12♏48	14♉38	7♋ 7	11♊45	14♐22	18♌56	22♏41	14♓33	27♋28	27♌46	28♌22	28♑ 6	12♓54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 7	0n 5	2n57	14n31	1n33	19n56	0s 7	17n15	0s 9	21s38	1n 2	16n 6	0n40	18s11	0n25	6s32	0s20	16n17	4s21	11n 3	11n23	18s 3	1s32	5n54
S 2	15 25	4s16	3 50	14 1	1 16	20 14	0 5	17 28	0 8	21 37	1 2	16 5	0 40	18 11	0 25	6 32	0 20	16 17	4 21	11 5	11 24	18 3	1 31	5 54
M 3	15 43	8 20	4 28	13 31	1 0	20 31	0 2	17 41	0 7	21 37	1 2	16 5	0 40	18 10	0 25	6 31	0 20	16 18	4 20	11 9	11 25	18 2	1 30	5 55
T 4	16 0	11 56	4 52	13 2	0 43	20 47	0n 1	17 53	0 6	21 36	1 2	16 4	0 40	18 9	0 25	6 31	0 20	16 18	4 20	11 13	11 27	18 2	1 29	5 55
W 5	16 18	14 54	5 1	12 35	0 26	21 3	0 3	18 6	0 6	21 36	1 2	16 4	0 40	18 9	0 25	6 30	0 20	16 18	4 20	11 17	11 28	18 2	1 28	5 55
T 6	16 34	17 8	4 55	12 10	0 10	21 18	0 6	18 18	0 5	21 35	1 2	16 3	0 40	18 8	0 25	6 30	0 21	16 18	4 20	11 22	11 29	18 1	1 26	5 56
F 7	16 51	18 31	4 35	11 46	0s 7	21 33	0 8	18 30	0 4	21 34	1 2	16 3	0 40	18 8	0 25	6 29	0 21	16 18	4 20	11 26	11 30	18 1	1 25	5 56
S 8	17 7	19 2	4 3	11 25	0 23	21 47	0 11	18 41	0 4	21 34	1 2	16 2	0 40	18 7	0 25	6 29	0 21	16 18	4 20	11 29	11 31	18 0	1 24	5 56
S 9	17 23	18 41	3 20	11 6	0 38	22 1	0 14	18 53	0 3	21 33	1 2	16 1	0 40	18 6	0 25	6 28	0 21	16 18	4 20	11 31	11 32	18 0	1 23	5 56
M10	17 39	17 32	2 29	10 49	0 53	22 14	0 16	19 4	0 2	21 33	1 2	16 1	0 40	18 6	0 25	6 28	0 21	16 18	4 19	11 32	11 33	17 59	1 22	5 57
T 11	17 55	15 36	1 32	10 35	1 7	22 26	0 19	19 15	0 2	21 32	1 2	16 0	0 40	18 5	0 25	6 27	0 21	16 18	4 19	11 33	11 34	17 59	1 21	5 57
W12	18 10	13 1	0 31	10 23	1 20	22 38	0 22	19 26	0 1	21 31	1 2	15 59	0 40	18 4	0 25	6 27	0 21	16 18	4 19	11 33	11 35	17 58	1 20	5 57
T 13	18 24	9 50	0s33	10 14	1 33	22 49	0 24	19 37	0 0	21 31	1 2	15 58	0 40	18 4	0 25	6 27	0 21	16 18	4 19	11 33	11 37	17 58	1 19	5 57
F 14	18 39	6 11	1 36	10 7	1 45	22 59	0 27	19 47	0n 0	21 30	1 2	15 58	0 40	18 3	0 25	6 26	0 21	16 18	4 19	11 33	11 38	17 57	1 18	5 58
S 15	18 53	2 10	2 37	10 2	1 56	23 9	0 30	19 57	0 1	21 30	1 2	15 57	0 40	18 3	0 25	6 26	0 21	16 18	4 19	11 34	11 39	17 57	1 17	5 58
S 16	19 7	2n 4	3 31	10 0	2 6	23 18	0 32	20 7	0 2	21 29	1 2	15 56	0 40	18 2	0 25	6 25	0 21	16 18	4 19	11 36	11 40	17 56	1 16	5 58
M17	19 20	6 20	4 15	10 0	2 16	23 26	0 35	20 17	0 2	21 28	1 2	15 55	0 40	18 1	0 25	6 25	0 21	16 18	4 18	11 39	11 41	17 56	1 15	5 59
T 18	19 33	10 25	4 46	10 2	2 24	23 34	0 38	20 27	0 3	21 27	1 2	15 54	0 40	18 1	0 25	6 25	0 21	16 18	4 18	11 42	11 42	17 55	1 14	5 59
W19	19 46	14 0	5 0	10 7	2 32	23 41	0 40	20 36	0 4	21 27	1 2	15 53	0 40	18 0	0 25	6 24	0 21	16 18	4 18	11 46	11 43	17 55	1 13	5 59
T 20	19 59	16 49	4 55	10 13	2 40	23 47	0 43	20 45	0 4	21 26	1 2	15 52	0 40	17 59	0 25	6 24	0 21	16 18	4 18	11 50	11 44	17 54	1 12	6 0
F 21	20 11	18 35	4 31	10 21	2 46	23 53	0 45	20 54	0 5	21 25	1 2	15 51	0 40	17 59	0 25	6 24	0 21	16 18	4 18	11 54	11 45	17 54	1 11	6 0
S 22	20 23	19 7	3 49	10 31	2 51	23 58	0 48	21 3	0 6	21 25	1 2	15 50	0 40	17 58	0 25	6 24	0 21	16 18	4 18	11 57	11 46	17 53	1 10	6 0
S 23	20 34	18 22	2 52	10 42	2 56	24 2	0 50	21 11	0 6	21 24	1 2	15 49	0 40	17 58	0 25	6 23	0 21	16 18	4 18	11 59	11 47	17 53	1 9	6 1
M24	20 45	16 24	1 44	10 55	3 0	24 6	0 53	21 20	0 7	21 23	1 2	15 48	0 40	17 57	0 25	6 23	0 21	16 18	4 17	12 0	11 49	17 52	1 8	6 1
T 25	20 56	13 28	0 31	11 10	3 4	24 9	0 55	21 28	0 8	21 22	1 2	15 47	0 40	17 56	0 25	6 23	0 21	16 17	4 17	12 0	11 50	17 52	1 8	6 1
W26	21 6	9 47	0n43	11 26	3 7	24 11	0 58	21 35	0 8	21 22	1 2	15 45	0 40	17 56	0 25	6 22	0 21	16 17	4 17	12 0	11 51	17 51	1 7	6 1
T 27	21 16	5 39	1 53	11 43	3 9	24 13	1 0	21 43	0 9	21 21	1 2	15 44	0 40	17 55	0 25	6 22	0 21	16 17	4 17	12 0	11 52	17 51	1 6	6 2
F 28	21 25	1 18	2 55	12 1	3 10	24 13	1 3	21 50	0 10	21 20	1 2	15 43	0 40	17 55	0 25	6 22	0 21	16 17	4 17	12 1	11 53	17 50	1 5	6 2
S 29	21 34	3s 3	3 47	12 21	3 11	24 14	1 5	21 57	0 10	21 19	1 2	15 42	0 40	17 54	0 25	6 22	0 21	16 17	4 17	12 3	11 54	17 50	1 5	6 2
S 30	21 43	7 11	4 26	12 41	3 11	24 13	1 7	22 4	0 11	21 18	1 2	15 40	0 40	17 53	0 25	6 22	0 21	16 17	4 17	12 5	11 55	17 49	1 4	6 3
M31	21n51	10s55	4n51	13n 3	3s10	24n12	1n10	22n11	0n11	21s18	1n 2	15n39	0n40	17s53	0n25	6s21	0s21	16n17	4s17	12n 9	11n56	17s48	1s 3	6n 3

Julian Day Number = 3056141.5, Delta T = 02h29m07s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'47, Lahiri = 47°03'47

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

JUNE 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 40 33	11♊43'42	25♏30	15♉53	8♋20	12♊30	14°R15	19♌ 0	22°R39	14♓33	27♋29	27°R34	28♌19	28♂13	12♓55	T 1
W 2	16 44 30	12°41'53	8♐ 1	17°10	9°32	13°14	14♐ 7	19° 5	22♏37	14°34	27°30	27♌21	28°15	28°20	12°56	W 2
T 3	16 48 26	13°40'02	20°21	18°30	10°45	13°58	14° 0	19°10	22°34	14°34	27°31	27° 9	28°12	28°26	12°57	T 3
F 4	16 52 23	14°38'10	2♑31	19°52	11°58	14°42	13°52	19°14	22°32	14°34	27°32	26°57	28° 9	28°33	12°58	F 4
S 5	16 56 20	15°36'16	14°31	21°16	13°10	15°26	13°44	19°19	22°30	14°35	27°33	26°48	28° 6	28°39	12°58	S 5
S 6	17 0 16	16°34'20	26°24	22°42	14°23	16° 9	13°37	19°24	22°27	14°35	27°34	26°41	28° 3	28°46	12°59	S 6
M 7	17 4 13	17°32'24	8♒12	24°10	15°36	16°53	13°29	19°29	22°25	14°35	27°36	26°38	28° 0	28°53	13° 0	M 7
T 8	17 8 9	18°30'26	20° 0	25°41	16°48	17°37	13°21	19°34	22°23	14°36	27°37	26°36	27°56	28°59	13° 0	T 8
W 9	17 12 6	19°28'26	1♓52	27°14	18° 1	18°21	13°14	19°39	22°21	14°36	27°38	26°D36	27°53	29° 6	13° 1	W 9
T 10	17 16 2	20°26'25	13°52	28°49	19°13	19° 4	13° 6	19°44	22°19	14°36	27°39	26°36	27°50	29°13	13° 1	T 10
F 11	17 19 59	21°24'23	26° 7	0♈26	20°25	19°48	12°59	19°49	22°16	14°36	27°40	26°R36	27°47	29°19	13° 1	F 11
S 12	17 23 55	22°22'20	8♈42	2° 5	21°38	20°32	12°51	19°54	22°14	14°36	27°42	26°35	27°44	29°26	13° 2	S 12
S 13	17 27 52	23°20'16	21°40	3°47	22°50	21°15	12°44	19°59	22°12	14°37	27°43	26°32	27°40	29°33	13° 2	S 13
M14	17 31 49	24°18'11	5♉ 5	5°30	24° 2	21°59	12°36	20° 5	22°10	14°37	27°44	26°26	27°37	29°39	13° 2	M14
T 15	17 35 45	25°16'04	19° 0	7°16	25°14	22°42	12°29	20°10	22° 8	14°37	27°45	26°19	27°34	29°46	13° 2	T 15
W16	17 39 42	26°13'57	3♊21	9° 3	26°27	23°25	12°22	20°16	22° 6	14°R37	27°47	26°10	27°31	29°53	13°R 2	W16
T 17	17 43 38	27°11'48	18° 4	10°53	27°39	24° 9	12°15	20°21	22° 4	14°37	27°48	26° 0	27°28	29°59	13° 2	T 17
F 18	17 47 35	28° 9'38	3♋ 2	12°45	28°51	24°52	12° 7	20°27	22° 2	14°37	27°49	25°52	27°25	0♒ 6	13° 2	F 18
S 19	17 51 31	29° 7'27	18° 5	14°39	0♌ 3	25°35	12° 0	20°33	22° 0	14°37	27°50	25°46	27°21	0°13	13° 2	S 19
S 20	17 55 28	0♋ 5'14	3♌ 5	16°35	1°15	26°18	11°53	20°39	21°59	14°36	27°52	25°41	27°18	0°19	13° 1	S 20
M21	17 59 24	1° 3'00	17°53	18°33	2°27	27° 1	11°46	20°44	21°57	14°36	27°53	25°39	27°15	0°26	13° 1	M21
T 22	18 3 21	2° 0'44	2♍23	20°33	3°38	27°44	11°40	20°50	21°55	14°36	27°54	25°D39	27°12	0°33	13° 1	T 22
W23	18 7 18	2°58'27	16°33	22°36	4°50	28°27	11°33	20°56	21°53	14°36	27°56	25°40	27° 9	0°39	13° 0	W23
T 24	18 11 14	3°56'08	0♎21	24°39	6° 2	29°10	11°26	21° 2	21°52	14°36	27°57	25°R41	27° 6	0°46	13° 0	T 24
F 25	18 15 11	4°53'48	13°48	26°45	7°13	29°53	11°20	21° 9	21°50	14°35	27°59	25°41	27° 2	0°53	12°59	F 25
S 26	18 19 7	5°51'26	26°57	28°52	8°25	0♋36	11°13	21°15	21°48	14°35	28° 0	25°39	26°59	0°59	12°59	S 26
S 27	18 23 4	6°49'03	9♏50	1♋ 1	9°37	1°19	11° 7	21°21	21°47	14°35	28° 1	25°34	26°56	1° 6	12°58	S 27
M28	18 27 0	7°46'39	22°28	3°10	10°48	2° 2	11° 1	21°27	21°45	14°34	28° 3	25°28	26°53	1°13	12°57	M28
T 29	18 30 57	8°44'14	4♐54	5°21	11°59	2°44	10°55	21°34	21°44	14°34	28° 4	25°21	26°50	1°19	12°57	T 29
W30	18 34 54	9♋41'47	17♐10	7♋33	13♌11	3♋27	10♐49	21♌40	21♏42	14♓33	28♋ 5	25♌12	26♌46	1♒26	12♓56	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	14s 5	5n 1	13n25	3s 9	24n10	1n12	22n17	0n12	21s17	1n 2	15n38	0n40	17s52	0n25	6s21	0s21	16n17	4s16	12n13	11n57	17s48	1s 3	6n 3
W 2	22 7	16 35	4 56	13 49	3 7	24 7	1 14	22 24	0 13	21 16	1 2	15 36	0 40	17 52	0 25	6 21	0 21	16 17	4 16	12 17	11 58	17 47	1 2	6 4
T 3	22 14	18 16	4 37	14 13	3 5	24 4	1 16	22 30	0 13	21 15	1 2	15 35	0 40	17 51	0 25	6 21	0 21	16 17	4 16	12 21	11 59	17 47	1 1	6 4
F 4	22 21	19 6	4 6	14 37	3 2	24 0	1 18	22 35	0 14	21 14	1 2	15 34	0 40	17 50	0 25	6 21	0 21	16 17	4 16	12 25	12 1	17 46	1 1	6 4
S 5	22 27	19 4	3 24	15 3	2 58	23 55	1 21	22 41	0 15	21 14	1 1	15 32	0 40	17 50	0 25	6 21	0 21	16 17	4 16	12 28	12 2	17 46	1 0	6 5
S 6	22 33	18 10	2 33	15 28	2 54	23 49	1 23	22 46	0 15	21 13	1 1	15 31	0 40	17 49	0 25	6 21	0 21	16 17	4 16	12 30	12 3	17 45	1 0	6 5
M 7	22 39	16 30	1 36	15 54	2 50	23 43	1 25	22 51	0 16	21 12	1 1	15 29	0 40	17 49	0 25	6 20	0 21	16 16	4 16	12 32	12 4	17 45	0 59	6 5
T 8	22 44	14 8	0 35	16 21	2 44	23 37	1 27	22 56	0 17	21 11	1 1	15 28	0 40	17 48	0 25	6 20	0 21	16 16	4 16	12 32	12 5	17 44	0 59	6 6
W 9	22 49	11 9	0s28	16 47	2 39	23 29	1 28	23 0	0 17	21 10	1 1	15 26	0 40	17 48	0 25	6 20	0 21	16 16	4 15	12 32	12 6	17 43	0 58	6 6
T 10	22 53	7 41	1 31	17 14	2 33	23 21	1 30	23 5	0 18	21 10	1 1	15 25	0 41	17 47	0 25	6 20	0 21	16 16	4 15	12 32	12 7	17 43	0 58	6 6
F 11	22 57	3 50	2 31	17 41	2 26	23 12	1 32	23 9	0 18	21 9	1 1	15 23	0 41	17 47	0 25	6 20	0 21	16 16	4 15	12 32	12 8	17 42	0 57	6 7
S 12	23 0	0n16	3 25	18 8	2 19	23 3	1 34	23 12	0 19	21 8	1 1	15 21	0 41	17 46	0 25	6 20	0 21	16 16	4 15	12 33	12 9	17 42	0 57	6 7
S 13	23 3	4 29	4 11	18 34	2 11	22 53	1 35	23 16	0 20	21 7	1 1	15 20	0 41	17 46	0 25	6 20	0 21	16 16	4 15	12 34	12 10	17 41	0 56	6 7
M14	23 6	8 38	4 44	19 0	2 3	22 42	1 37	23 19	0 20	21 6	1 0	15 18	0 41	17 45	0 25	6 20	0 21	16 16	4 15	12 36	12 11	17 40	0 56	6 8
T 15	23 8	12 27	5 2	19 26	1 55	22 31	1 39	23 22	0 21	21 5	1 0	15 16	0 41	17 45	0 24	6 20	0 21	16 15	4 15	12 38	12 13	17 40	0 56	6 8
W16	23 10	15 41	5 2	19 52	1 46	22 19	1 40	23 25	0 22	21 5	1 0	15 15	0 41	17 44	0 24	6 20	0 21	16 15	4 15	12 41	12 14	17 39	0 55	6 8
T 17	23 12	18 0	4 43	20 17	1 37	22 6	1 41	23 28	0 22	21 4	1 0	15 13	0 41	17 44	0 24	6 20	0 21	16 15	4 15	12 44	12 15	17 39	0 55	6 9
F 18	23 13	19 8	4 4	20 41	1 27	21 53	1 43	23 30	0 23	21 3	1 0	15 11	0 41	17 43	0 24	6 20	0 21	16 15	4 15	12 47	12 16	17 38	0 55	6 9
S 19	23 13	18 55	3 7	21 4	1 17	21 39	1 44	23 32	0 23	21 2	1 0	15 9	0 41	17 43	0 24	6 20	0 21	16 15	4 14	12 49	12 17	17 37	0 55	6 9
S 20	23 13	17 23	1 58	21 26	1 7	21 25	1 45	23 34	0 24	21 2	1 0	15 8	0 41	17 42	0 24	6 20	0 21	16 15	4 14	12 51	12 18	17 37	0 54	6 10
M21	23 13	14 40	0 42	21 47	0 57	21 10	1 46	23 36	0 25	21 1	1 0	15 6	0 41	17 42	0 24	6 20	0 21	16 15	4 14	12 51	12 19	17 36	0 54	6 10
T 22	23 13	11 6	0n36	22 7	0 46	20 55	1 48	23 37	0 25	21 0	0 59	15 4	0 41	17 41	0 24	6 20	0 22	16 14	4 14	12 51	12 20	17 36	0 54	6 10
W23	23 11	6 57	1 50	22 25	0 36	20 38	1 49	23 39	0 26	20 59	0 59	15 2	0 41	17 41	0 24	6 21	0 22	16 14	4 14	12 51	12 21	17 35	0 54	6 11
T 24	23 10	2 33	2 56	22 42	0 25	20 22	1 49	23 40	0 26	20 59	0 59	15 0	0 41	17 41	0 24	6 21	0 22	16 14	4 14	12 51	12 22	17 34	0 54	6 11
F 25	23 8	1s52	3 50	22 57	0 14	20 5	1 50	23 40	0 27	20 58	0 59	14 58	0 41	17 40	0 24	6 21	0 22	16 14	4 14	12 51	12 23	17 34	0 54	6 11
S 26	23 6	6 5	4 30	23 10	0 3	19 47	1 51	23 41	0 28	20 57	0 59	14 56	0 41	17 40	0 24	6 21	0 22	16 14	4 14	12 52	12 24	17 33	0 54	6 12
S 27	23 3	9 56	4 56	23 20	0n 7	19 29	1 52	23 41	0 28	20 56	0 59	14 54	0 41	17 39	0 24	6 21	0 22	16 13	4 14	12 53	12 25	17 32	0 54	6 12
M28	23 0	13 16	5 7	23 29	0 18	19 10	1 52	23 41	0 29	20 56	0 58	14 52	0 41	17 39	0 24	6 21	0 22	16 13	4 14	12 55	12 27	17 32	0 54	6 12
T 29	22 56	16 57	5 4	23 35	0 28	18 51	1 53	23 41	0 29	20 55	0 58	14 50	0 41	17 39	0 24	6 21	0 22	16 13	4 13	12 57	12 28	17 31	0 54	6 12
W30	22n52	17s52	4n46	23n38	0n38	18n31	1n53	23n41	0n30	20s54	0n58	14n48	0n41	17s38	0n24	6s22	0s22	16n13	4s13	13n 0	12n29	17s30	0s54	6n13

Julian Day Number = 3056172.5, Delta T = 02h29m08s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'51, Lahiri = 47°03'52

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

JULY 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 50	10♋39'19	29♐17	9♋45	14♌22	4♋ 9	10°R43	21♌46	21°R41	14°R33	28♋ 7	25°R 4	26♌43	1♒33	12°R55	T 1
F 2	18 42 47	11°36'51	11♑16	11°57	15°33	4°52	10♐37	21°53	21♏39	14♓33	28° 8	24♌57	26°40	1°39	12♓54	F 2
S 3	18 46 43	12°34'21	23°10	14°10	16°44	5°34	10°32	21°59	21°38	14°32	28°10	24°51	26°37	1°46	12°53	S 3
S 4	18 50 40	13°31'51	4♒59	16°22	17°56	6°17	10°26	22° 6	21°37	14°31	28°11	24°47	26°34	1°53	12°52	S 4
M 5	18 54 36	14°29'20	16°47	18°33	19° 7	6°59	10°21	22°13	21°36	14°31	28°13	24°45	26°31	1°59	12°51	M 5
T 6	18 58 33	15°26'48	28°36	20°44	20°17	7°41	10°16	22°19	21°34	14°30	28°14	24°D45	26°27	2° 6	12°49	T 6
W 7	19 2 29	16°24'15	10♓29	22°54	21°28	8°24	10°11	22°26	21°33	14°30	28°15	24°46	26°24	2°13	12°48	W 7
T 8	19 6 26	17°21'42	22°31	25° 2	22°39	9° 6	10° 6	22°33	21°32	14°29	28°17	24°47	26°21	2°19	12°47	T 8
F 9	19 10 23	18°19'08	4♈46	27° 9	23°50	9°48	10° 1	22°40	21°31	14°28	28°18	24°49	26°18	2°26	12°46	F 9
S 10	19 14 19	19°16'34	17°19	29°14	25° 1	10°30	9°56	22°47	21°30	14°28	28°20	24°R50	26°15	2°33	12°44	S 10
S 11	19 18 16	20°13'59	0♉15	1♌17	26°11	11°12	9°52	22°53	21°29	14°27	28°21	24°49	26°12	2°39	12°43	S 11
M12	19 22 12	21°11'24	13°36	3°19	27°22	11°54	9°48	23° 0	21°28	14°26	28°23	24°47	26° 8	2°46	12°41	M12
T 13	19 26 9	22° 8'49	27°25	5°18	28°32	12°36	9°44	23° 7	21°27	14°25	28°24	24°44	26° 5	2°53	12°40	T 13
W14	19 30 5	23° 6'13	11♊42	7°15	29°42	13°18	9°40	23°14	21°27	14°24	28°26	24°40	26° 2	2°59	12°38	W14
T 15	19 34 2	24° 3'37	26°23	9°11	0♍53	14° 0	9°36	23°22	21°26	14°23	28°27	24°36	25°59	3° 6	12°36	T 15
F 16	19 37 58	25° 1'01	11♋24	11° 4	2° 3	14°42	9°32	23°29	21°25	14°23	28°29	24°32	25°56	3°13	12°35	F 16
S 17	19 41 55	25°58'24	26°35	12°54	3°13	15°24	9°29	23°36	21°25	14°22	28°30	24°29	25°52	3°19	12°33	S 17
S 18	19 45 52	26°55'46	11♌46	14°43	4°23	16° 5	9°25	23°43	21°24	14°21	28°31	24°27	25°49	3°26	12°31	S 18
M19	19 49 48	27°53'08	26°48	16°29	5°33	16°47	9°22	23°50	21°23	14°20	28°33	24°D27	25°46	3°33	12°29	M19
T 20	19 53 45	28°50'30	11♍34	18°13	6°43	17°29	9°19	23°57	21°23	14°19	28°34	24°27	25°43	3°39	12°27	T 20
W21	19 57 41	29°47'50	25°57	19°54	7°53	18°10	9°17	24° 5	21°23	14°18	28°36	24°29	25°40	3°46	12°25	W21
T 22	20 1 38	0♌45'10	9♎55	21°34	9° 3	18°52	9°14	24°12	21°22	14°17	28°37	24°30	25°37	3°52	12°23	T 22
F 23	20 5 34	1°42'30	23°29	23°11	10°12	19°33	9°12	24°19	21°22	14°16	28°39	24°31	25°33	3°59	12°21	F 23
S 24	20 9 31	2°39'49	6♏38	24°45	11°22	20°15	9° 9	24°27	21°21	14°14	28°40	24°R31	25°30	4° 6	12°19	S 24
S 25	20 13 27	3°37'07	19°27	26°18	12°31	20°56	9° 7	24°34	21°21	14°13	28°42	24°30	25°27	4°12	12°17	S 25
M26	20 17 24	4°34'25	1♐58	27°48	13°40	21°37	9° 5	24°41	21°21	14°12	28°43	24°28	25°24	4°19	12°14	M26
T 27	20 21 21	5°31'42	14°15	29°15	14°50	22°18	9° 4	24°49	21°21	14°11	28°45	24°26	25°21	4°26	12°12	T 27
W28	20 25 17	6°28'59	26°21	0♍40	15°59	23° 0	9° 2	24°56	21°21	14°10	28°46	24°23	25°18	4°32	12°10	W28
T 29	20 29 14	7°26'15	8♑19	2° 3	17° 8	23°41	9° 1	25° 4	21°D21	14° 9	28°48	24°21	25°14	4°39	12° 8	T 29
F 30	20 33 10	8°23'32	20°11	3°23	18°17	24°22	9° 0	25°11	21°21	14° 7	28°49	24°18	25°11	4°46	12° 5	F 30
S 31	20 37 7	9♌20'48	2♒ 0	4♍41	19♍25	25♋ 3	8♐59	25♌19	21♏21	14♓ 6	28♋51	24♌17	25♌ 8	4♒52	12♓ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n48	18s58	4n15	23n39	0n47	18n11	1n54	23n40	0n30	20s54	0n58	14n46	0n41	17s38	0n24	6s22	0s22	16n13	4s13	13n 3	12n30	17s30	0s54	6n13
F 2	22 43	19 12	3 34	23 38	0 57	17 51	1 54	23 39	0 31	20 53	0 58	14 44	0 41	17 38	0 24	6 22	0 22	16 13	4 13	13 5	12 31	17 29	0 54	6 13
S 3	22 38	18 35	2 43	23 34	1 5	17 30	1 54	23 38	0 32	20 53	0 57	14 42	0 41	17 37	0 24	6 22	0 22	16 12	4 13	13 7	12 32	17 28	0 54	6 14
S 4	22 33	17 9	1 45	23 27	1 13	17 8	1 54	23 37	0 32	20 52	0 57	14 40	0 41	17 37	0 24	6 22	0 22	16 12	4 13	13 9	12 33	17 28	0 54	6 14
M 5	22 27	14 59	0 43	23 17	1 21	16 46	1 54	23 35	0 33	20 51	0 57	14 38	0 41	17 37	0 24	6 23	0 22	16 12	4 13	13 9	12 34	17 27	0 54	6 14
T 6	22 20	12 11	0s21	23 5	1 27	16 24	1 54	23 33	0 33	20 51	0 57	14 36	0 41	17 37	0 24	6 23	0 22	16 12	4 13	13 9	12 35	17 26	0 54	6 14
W 7	22 14	8 53	1 25	22 50	1 34	16 1	1 54	23 31	0 34	20 50	0 57	14 34	0 41	17 36	0 24	6 23	0 22	16 12	4 13	13 9	12 36	17 26	0 55	6 15
T 8	22 7	5 11	2 26	22 33	1 39	15 38	1 54	23 29	0 34	20 50	0 56	14 32	0 41	17 36	0 24	6 24	0 22	16 11	4 13	13 8	12 37	17 25	0 55	6 15
F 9	21 59	1 12	3 21	22 14	1 44	15 15	1 54	23 27	0 35	20 49	0 56	14 29	0 41	17 36	0 24	6 24	0 22	16 11	4 13	13 8	12 38	17 24	0 55	6 15
S 10	21 51	2n55	4 8	21 53	1 47	14 51	1 53	23 24	0 36	20 49	0 56	14 27	0 42	17 36	0 24	6 24	0 22	16 11	4 13	13 8	12 39	17 24	0 55	6 16
S 11	21 43	7 0	4 45	21 29	1 50	14 27	1 53	23 21	0 36	20 49	0 56	14 25	0 42	17 35	0 24	6 24	0 22	16 11	4 13	13 8	12 40	17 23	0 56	6 16
M12	21 34	10 53	5 7	21 4	1 53	14 2	1 52	23 18	0 37	20 48	0 56	14 23	0 42	17 35	0 24	6 25	0 22	16 10	4 13	13 8	12 42	17 22	0 56	6 16
T 13	21 25	14 20	5 12	20 37	1 54	13 37	1 51	23 15	0 37	20 48	0 55	14 21	0 42	17 35	0 24	6 25	0 22	16 10	4 12	13 10	12 43	17 22	0 56	6 16
W14	21 16	17 3	4 59	20 9	1 55	13 12	1 51	23 12	0 38	20 47	0 55	14 18	0 42	17 35	0 24	6 25	0 22	16 10	4 12	13 11	12 44	17 21	0 57	6 17
T 15	21 6	18 44	4 26	19 39	1 55	12 47	1 50	23 8	0 38	20 47	0 55	14 16	0 42	17 35	0 24	6 26	0 22	16 10	4 12	13 12	12 45	17 20	0 57	6 17
F 16	20 56	19 11	3 35	19 8	1 54	12 21	1 49	23 4	0 39	20 47	0 55	14 14	0 42	17 34	0 24	6 26	0 22	16 10	4 12	13 14	12 46	17 19	0 58	6 17
S 17	20 46	18 14	2 27	18 35	1 53	11 55	1 48	23 0	0 39	20 46	0 55	14 12	0 42	17 34	0 24	6 27	0 22	16 9	4 12	13 15	12 47	17 19	0 58	6 17
S 18	20 35	16 0	1 9	18 2	1 50	11 28	1 47	22 55	0 40	20 46	0 54	14 9	0 42	17 34	0 24	6 27	0 22	16 9	4 12	13 15	12 48	17 18	0 59	6 18
M19	20 24	12 40	0n13	17 28	1 48	11 2	1 45	22 51	0 40	20 46	0 54	14 7	0 42	17 34	0 24	6 27	0 22	16 9	4 12	13 15	12 49	17 17	0 59	6 18
T 20	20 12	8 36	1 33	16 53	1 44	10 35	1 44	22 46	0 41	20 46	0 54	14 5	0 42	17 34	0 24	6 28	0 22	16 9	4 12	13 15	12 50	17 17	1 0	6 18
W21	20 1	4 7	2 45	16 18	1 40	10 8	1 43	22 41	0 41	20 45	0 54	14 2	0 42	17 34	0 24	6 28	0 22	16 8	4 12	13 15	12 51	17 16	1 0	6 18
T 22	19 49	0s27	3 45	15 41	1 35	9 40	1 41	22 36	0 42	20 45	0 53	14 0	0 42	17 34	0 23	6 29	0 22	16 8	4 12	13 14	12 52	17 15	1 1	6 18
F 23	19 36	4 50	4 30	15 5	1 30	9 13	1 39	22 31	0 43	20 45	0 53	13 58	0 42	17 34	0 23	6 29	0 22	16 8	4 12	13 14	12 53	17 14	1 1	6 19
S 24	19 23	8 52	5 0	14 28	1 24	8 45	1 38	22 25	0 43	20 45	0 53	13 55	0 42	17 34	0 23	6 29	0 22	16 8	4 12	13 14	12 54	17 14	1 2	6 19
S 25	19 10	12 23	5 14	13 51	1 17	8 17	1 36	22 20	0 44	20 45	0 53	13 53	0 42	17 34	0 23	6 30	0 22	16 7	4 12	13 14	12 55	17 13	1 2	6 19
M26	18 57	15 15	5 13	13 14	1 10	7 49	1 34	22 14	0 44	20 45	0 53	13 50	0 42	17 34	0 23	6 30	0 22	16 7	4 12	13 15	12 56	17 12	1 3	6 19
T 27	18 43	17 23	4 57	12 36	1 2	7 20	1 32	22 8	0 45	20 45	0 52	13 48	0 42	17 34	0 23	6 31	0 22	16 7	4 12	13 16	12 57	17 11	1 4	6 19
W28	18 29	18 43	4 28	11 59	0 54	6 52	1 30	22 2	0 45	20 45	0 52	13 46	0 42	17 34	0 23	6 31	0 22	16 7	4 12	13 16	12 59	17 11	1 4	6 20
T 29	18 15	19 11	3 48	11 21	0 45	6 23	1 28	21 55	0 46	20 45	0 52	13 43	0 42	17 34	0 23	6 32	0 22	16 6	4 12	13 17	13 0	17 10	1 5	6 20
F 30	18 0	18 48	2 58	10 44	0 36	5 54	1 25	21 48	0 46	20 45	0 52	13 41	0 43	17 34	0 23	6 32	0 22	16 6	4 12	13 18	13 1	17 9	1 6	6 20
S 31	17n45	17s35	2n 0	10n 7	0n27	5n25	1n23	21n42	0n47	20s45	0n51	13n38	0n43	17s34	0n23	6s33	0s22	16n 6	4s12	13n19	13n 2	17s 8	1s 7	6n20

Julian Day Number = 3056202.5, Delta T = 02h29m09s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°56'55, Lahiri = 47°03'56

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

AUGUST 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 3	10♌18'04	13♒48	5♍56	20♍34	25♋44	8°R58	25♌26	21♏21	14°R 5	28♋52	24°R16	25♌ 5	4♒59	12°R 0	S 1
M 2	20 45 0	11°15'20	25°38	7° 9	21°43	26°25	8♐57	25°34	21°21	14♓ 4	28°53	24°D15	25° 2	5° 6	11♓58	M 2
T 3	20 48 56	12°12'36	7♓31	8°19	22°51	27° 6	8°57	25°42	21°21	14° 2	28°55	24♌16	24°58	5°12	11°55	T 3
W 4	20 52 53	13° 9'52	19°31	9°26	23°59	27°47	8°56	25°49	21°22	14° 1	28°56	24°17	24°55	5°19	11°53	W 4
T 5	20 56 50	14° 7'08	1♈40	10°30	25° 7	28°27	8°D56	25°57	21°22	14° 0	28°58	24°18	24°52	5°26	11°50	T 5
F 6	21 0 46	15° 4'25	14° 1	11°32	26°16	29° 8	8°56	26° 4	21°22	13°58	28°59	24°18	24°49	5°32	11°47	F 6
S 7	21 4 43	16° 1'42	26°37	12°30	27°23	29°49	8°57	26°12	21°23	13°57	29° 1	24°19	24°46	5°39	11°45	S 7
S 8	21 8 39	16°58'59	9♉33	13°25	28°31	0♌30	8°57	26°20	21°23	13°55	29° 2	24°20	24°43	5°46	11°42	S 8
M 9	21 12 36	17°56'17	22°50	14°17	29°39	1°10	8°58	26°27	21°24	13°54	29° 3	24°R20	24°39	5°52	11°39	M 9
T 10	21 16 32	18°53'35	6♊31	15° 6	0♎47	1°51	8°59	26°35	21°25	13°53	29° 5	24°19	24°36	5°59	11°37	T 10
W11	21 20 29	19°50'54	20°37	15°51	1°54	2°31	9° 0	26°43	21°25	13°51	29° 6	24°19	24°33	6° 6	11°34	W11
T 12	21 24 25	20°48'14	5♋ 6	16°33	3° 1	3°12	9° 1	26°51	21°26	13°50	29° 8	24°19	24°30	6°12	11°31	T 12
F 13	21 28 22	21°45'34	19°55	17°11	4° 8	3°52	9° 2	26°58	21°27	13°48	29° 9	24°18	24°27	6°19	11°28	F 13
S 14	21 32 19	22°42'55	4♌58	17°45	5°15	4°33	9° 4	27° 6	21°28	13°47	29°10	24°18	24°24	6°26	11°25	S 14
S 15	21 36 15	23°40'16	20° 6	18°15	6°22	5°13	9° 5	27°14	21°28	13°45	29°12	24°18	24°20	6°32	11°22	S 15
M16	21 40 12	24°37'37	5♍10	18°40	7°29	5°53	9° 7	27°21	21°29	13°44	29°13	24°18	24°17	6°39	11°20	M16
T 17	21 44 8	25°34'59	20° 2	19° 2	8°36	6°34	9° 9	27°29	21°30	13°42	29°14	24°18	24°14	6°45	11°17	T 17
W18	21 48 5	26°32'21	4♎34	19°19	9°42	7°14	9°12	27°37	21°31	13°41	29°16	24°18	24°11	6°52	11°14	W18
T 19	21 52 1	27°29'43	18°42	19°31	10°48	7°54	9°14	27°45	21°32	13°39	29°17	24°18	24° 8	6°59	11°11	T 19
F 20	21 55 58	28°27'05	2♏24	19°38	11°54	8°34	9°17	27°52	21°33	13°38	29°18	24°17	24° 4	7° 5	11° 8	F 20
S 21	21 59 54	29°24'28	15°39	19°R40	13° 0	9°14	9°19	28° 0	21°35	13°36	29°20	24°17	24° 1	7°12	11° 5	S 21
S 22	22 3 51	0♍21'51	28°30	19°37	14° 6	9°54	9°22	28° 8	21°36	13°34	29°21	24°D17	23°58	7°19	11° 2	S 22
M23	22 7 48	1°19'15	11♐ 0	19°29	15°12	10°34	9°25	28°16	21°37	13°33	29°22	24°17	23°55	7°25	10°59	M23
T 24	22 11 44	2°16'39	23°14	19°17	16°17	11°14	9°29	28°23	21°38	13°31	29°24	24°17	23°52	7°32	10°56	T 24
W25	22 15 41	3°14'03	5♑15	18°59	17°22	11°54	9°32	28°31	21°40	13°30	29°25	24°18	23°49	7°39	10°53	W25
T 26	22 19 37	4°11'28	17° 8	18°36	18°27	12°34	9°36	28°39	21°41	13°28	29°26	24°19	23°45	7°45	10°50	T 26
F 27	22 23 34	5° 8'53	28°57	18° 8	19°32	13°14	9°39	28°46	21°43	13°26	29°27	24°20	23°42	7°52	10°47	F 27
S 28	22 27 30	6° 6'19	10♒45	17°36	20°36	13°53	9°43	28°54	21°44	13°25	29°29	24°21	23°39	7°59	10°43	S 28
S 29	22 31 27	7° 3'45	22°35	17° 0	21°41	14°33	9°47	29° 2	21°46	13°23	29°30	24°R21	23°36	8° 5	10°40	S 29
M30	22 35 23	8° 1'13	4♓30	16°21	22°45	15°13	9°52	29°10	21°47	13°22	29°31	24°21	23°33	8°12	10°37	M30
T 31	22 39 20	8♍58'41	16♓33	15♍38	23♎49	15♌52	9♐56	29♌17	21♏49	13♓20	29♋32	24♌20	23♌29	8♒19	10♓34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n30	15s37	0n58	9n30	0n16	4n56	1n20	21n35	0n47	20s45	0n51	13n36	0n43	17s34	0n23	6s33	0s22	16n 6	4s12	13n19	13n 3	17s 8	1s 7	6n20
M 2	17 15	12 59	0s 8	8 54	0 6	4 27	1 18	21 28	0 48	20 45	0 51	13 33	0 43	17 34	0 23	6 34	0 22	16 5	4 12	13 19	13 4	17 7	1 8	6 20
T 3	16 59	9 48	1 13	8 18	0s 5	3 58	1 15	21 20	0 48	20 45	0 51	13 31	0 43	17 34	0 23	6 34	0 22	16 5	4 11	13 19	13 5	17 6	1 9	6 21
W 4	16 43	6 12	2 16	7 43	0 16	3 28	1 12	21 13	0 49	20 46	0 51	13 28	0 43	17 34	0 23	6 35	0 22	16 5	4 11	13 19	13 6	17 5	1 10	6 21
T 5	16 27	2 18	3 13	7 8	0 28	2 59	1 9	21 5	0 49	20 46	0 50	13 26	0 43	17 34	0 23	6 35	0 22	16 5	4 11	13 18	13 7	17 5	1 11	6 21
F 6	16 10	1n45	4 3	6 34	0 39	2 29	1 6	20 57	0 49	20 46	0 50	13 23	0 43	17 34	0 23	6 36	0 22	16 4	4 11	13 18	13 8	17 4	1 12	6 21
S 7	15 53	5 48	4 41	6 1	0 52	2 0	1 3	20 49	0 50	20 46	0 50	13 21	0 43	17 34	0 23	6 36	0 22	16 4	4 11	13 18	13 9	17 3	1 12	6 21
S 8	15 36	9 40	5 7	5 28	1 4	1 30	1 0	20 41	0 50	20 47	0 50	13 18	0 43	17 35	0 23	6 37	0 22	16 4	4 11	13 18	13 10	17 2	1 13	6 21
M 9	15 19	13 11	5 18	4 57	1 17	1 1	0 57	20 33	0 51	20 47	0 49	13 16	0 43	17 35	0 23	6 37	0 22	16 4	4 11	13 18	13 11	17 1	1 14	6 21
T 10	15 2	16 6	5 11	4 26	1 30	0 31	0 53	20 24	0 51	20 47	0 49	13 13	0 43	17 35	0 23	6 38	0 22	16 3	4 11	13 18	13 12	17 1	1 15	6 21
W11	14 44	18 9	4 45	3 57	1 43	0 1	0 50	20 16	0 52	20 48	0 49	13 11	0 43	17 35	0 23	6 39	0 22	16 3	4 11	13 18	13 13	17 0	1 16	6 22
T 12	14 26	19 7	4 1	3 29	1 56	0s29	0 46	20 7	0 52	20 48	0 49	13 8	0 43	17 35	0 23	6 39	0 22	16 3	4 11	13 18	13 14	16 59	1 17	6 22
F 13	14 8	18 48	3 0	3 2	2 9	0 59	0 43	19 58	0 53	20 48	0 48	13 6	0 43	17 36	0 23	6 40	0 22	16 3	4 11	13 18	13 15	16 58	1 18	6 22
S 14	13 49	17 9	1 45	2 36	2 23	1 28	0 39	19 49	0 53	20 49	0 48	13 3	0 44	17 36	0 23	6 40	0 23	16 2	4 11	13 18	13 16	16 57	1 19	6 22
S 15	13 31	14 17	0 23	2 13	2 36	1 58	0 35	19 40	0 54	20 49	0 48	13 0	0 44	17 36	0 23	6 41	0 23	16 2	4 11	13 18	13 17	16 57	1 20	6 22
M16	13 12	10 28	1n 0	1 50	2 49	2 28	0 31	19 30	0 54	20 50	0 48	12 58	0 44	17 36	0 23	6 41	0 23	16 2	4 11	13 18	13 18	16 56	1 21	6 22
T 17	12 53	6 2	2 18	1 30	3 3	2 57	0 27	19 21	0 55	20 50	0 48	12 55	0 44	17 37	0 23	6 42	0 23	16 2	4 11	13 18	13 20	16 55	1 22	6 22
W18	12 33	1 21	3 26	1 11	3 16	3 27	0 23	19 11	0 55	20 51	0 47	12 53	0 44	17 37	0 23	6 43	0 23	16 1	4 11	13 18	13 21	16 54	1 23	6 22
T 19	12 14	3s16	4 19	0 55	3 28	3 57	0 19	19 1	0 55	20 52	0 47	12 50	0 44	17 37	0 23	6 43	0 23	16 1	4 11	13 18	13 22	16 53	1 24	6 22
F 20	11 54	7 34	4 55	0 41	3 41	4 26	0 15	18 51	0 56	20 52	0 47	12 48	0 44	17 38	0 23	6 44	0 23	16 1	4 11	13 18	13 23	16 52	1 25	6 22
S 21	11 35	11 21	5 14	0 29	3 53	4 56	0 11	18 41	0 56	20 53	0 47	12 45	0 44	17 38	0 23	6 44	0 23	16 1	4 11	13 19	13 24	16 52	1 26	6 22
S 22	11 15	14 29	5 17	0 19	4 4	5 25	0 6	18 31	0 57	20 53	0 46	12 42	0 44	17 38	0 23	6 45	0 23	16 0	4 11	13 19	13 25	16 51	1 28	6 22
M23	10 55	16 52	5 4	0 12	4 15	5 54	0 2	18 21	0 57	20 54	0 46	12 40	0 44	17 39	0 23	6 46	0 23	16 0	4 11	13 19	13 26	16 50	1 29	6 22
T 24	10 34	18 25	4 38	0 8	4 25	6 23	0s 3	18 10	0 58	20 55	0 46	12 37	0 44	17 39	0 23	6 46	0 23	16 0	4 11	13 18	13 27	16 49	1 30	6 22
W25	10 14	19 7	4 0	0 7	4 34	6 53	0 7	18 0	0 58	20 56	0 46	12 35	0 44	17 39	0 22	6 47	0 23	16 0	4 11	13 18	13 28	16 48	1 31	6 22
T 26	9 53	18 57	3 12	0 8	4 42	7 21	0 12	17 49	0 59	20 56	0 46	12 32	0 44	17 40	0 22	6 48	0 23	15 59	4 11	13 18	13 29	16 47	1 32	6 22
F 27	9 32	17 58	2 16	0 12	4 49	7 50	0 17	17 38	0 59	20 57	0 45	12 30	0 45	17 40	0 22	6 48	0 23	15 59	4 11	13 18	13 30	16 47	1 33	6 22
S 28	9 11	16 11	1 15	0 20	4 54	8 19	0 22	17 28	0 59	20 58	0 45	12 27	0 45	17 41	0 22	6 49	0 23	15 59	4 11	13 17	13 31	16 46	1 34	6 22
S 29	8 50	13 42	0 10	0 30	4 58	8 47	0 27	17 16	1 0	20 59	0 45	12 24	0 45	17 41	0 22	6 49	0 23	15 59	4 11	13 17	13 32	16 45	1 36	6 22
M30	8 29	10 39	0s56	0 43	5 1	9 16	0 32	17 5	1 0	21 0	0 45	12 22	0 45	17 41	0 22	6 50	0 23	15 58	4 11	13 17	13 33	16 44	1 37	6 22
T 31	8n 8	7s 7	2s 0	0n58	5s 2	9s44	0s37	16n54	1n 1	21s 0	0n44	12n19	0n45	17s42	0n22	6s51	0s23	15n58	4s11	13n18	13n34	16s43	1s38	6n22

Julian Day Number = 3056233.5, Delta T = 02h29m10s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'00, Lahiri = 47°04'00

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

SEPTEMBER 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 43 17	9♍56'10	28♓44	14°R53	24♎52	16♌32	10♐ 1	29♌25	21♏51	13°R18	29♋33	24°R18	23♌26	8♒25	10°R31	W 1
T 2	22 47 13	10°53'39	11♈ 5	14♍ 6	25°56	17°11	10° 5	29°33	21°53	13♓17	29°35	24♌16	23°23	8°32	10♓28	T 2
F 3	22 51 10	11°51'10	23°39	13°18	26°59	17°51	10°10	29°40	21°54	13°15	29°36	24°14	23°20	8°38	10°25	F 3
S 4	22 55 6	12°48'42	6♉27	12°31	28° 2	18°30	10°15	29°48	21°56	13°13	29°37	24°11	23°17	8°45	10°22	S 4
S 5	22 59 3	13°46'16	19°30	11°44	29° 5	19°10	10°20	29°55	21°58	13°12	29°38	24° 9	23°14	8°52	10°19	S 5
M 6	23 2 59	14°43'50	2♊49	10°59	0♏ 7	19°49	10°26	0♍ 3	22° 0	13°10	29°39	24° 8	23°10	8°58	10°16	M 6
T 7	23 6 56	15°41'26	16°27	10°17	1° 9	20°28	10°31	0°11	22° 2	13° 9	29°40	24°D 7	23° 7	9° 5	10°13	T 7
W 8	23 10 52	16°39'03	0♋23	9°38	2°11	21° 8	10°37	0°18	22° 4	13° 7	29°41	24° 8	23° 4	9°12	10°10	W 8
T 9	23 14 49	17°36'42	14°37	9° 4	3°13	21°47	10°43	0°26	22° 6	13° 5	29°42	24° 9	23° 1	9°18	10° 7	T 9
F 10	23 18 45	18°34'22	29° 7	8°35	4°14	22°26	10°49	0°33	22° 8	13° 4	29°43	24°10	22°58	9°25	10° 4	F 10
S 11	23 22 42	19°32'04	13♌51	8°12	5°15	23° 5	10°55	0°41	22°10	13° 2	29°44	24°11	22°55	9°32	10° 1	S 11
S 12	23 26 39	20°29'47	28°41	7°55	6°16	23°44	11° 1	0°48	22°13	13° 0	29°45	24°R12	22°51	9°38	9°58	S 12
M13	23 30 35	21°27'31	13♍33	7°45	7°17	24°23	11° 7	0°55	22°15	12°59	29°46	24°10	22°48	9°45	9°55	M13
T 14	23 34 32	22°25'16	28°17	7°D42	8°17	25° 2	11°14	1° 3	22°17	12°57	29°47	24° 8	22°45	9°52	9°52	T 14
W15	23 38 28	23°23'02	12♎47	7°47	9°16	25°41	11°21	1°10	22°20	12°56	29°48	24° 4	22°42	9°58	9°49	W15
T 16	23 42 25	24°20'50	26°56	7°59	10°16	26°20	11°27	1°18	22°22	12°54	29°49	24° 0	22°39	10° 5	9°46	T 16
F 17	23 46 21	25°18'38	10♏41	8°19	11°15	26°59	11°34	1°25	22°24	12°52	29°50	23°55	22°35	10°12	9°43	F 17
S 18	23 50 18	26°16'28	24° 1	8°46	12°14	27°38	11°41	1°32	22°27	12°51	29°51	23°51	22°32	10°18	9°40	S 18
S 19	23 54 14	27°14'19	6♐55	9°21	13°12	28°17	11°49	1°39	22°29	12°49	29°52	23°48	22°29	10°25	9°37	S 19
M20	23 58 11	28°12'11	19°27	10° 4	14°10	28°56	11°56	1°47	22°32	12°48	29°53	23°46	22°26	10°31	9°34	M20
T 21	0 2 8	29°10'05	1♑41	10°54	15° 7	29°34	12° 3	1°54	22°34	12°46	29°54	23°D46	22°23	10°38	9°31	T 21
W22	0 6 4	0♎ 7'59	13°42	11°52	16° 5	0♍13	12°11	2° 1	22°37	12°45	29°54	23°47	22°20	10°45	9°28	W22
T 23	0 10 1	1° 5'54	25°34	12°56	17° 1	0°52	12°19	2° 8	22°40	12°43	29°55	23°48	22°16	10°51	9°26	T 23
F 24	0 13 57	2° 3'51	7♒22	14° 6	17°57	1°30	12°27	2°15	22°42	12°41	29°56	23°50	22°13	10°58	9°23	F 24
S 25	0 17 54	3° 1'49	19°11	15°23	18°53	2° 9	12°35	2°22	22°45	12°40	29°57	23°R51	22°10	11° 5	9°20	S 25
S 26	0 21 50	3°59'48	1♓ 5	16°45	19°48	2°47	12°43	2°29	22°48	12°38	29°58	23°51	22° 7	11°11	9°17	S 26
M27	0 25 47	4°57'49	13° 7	18°13	20°43	3°26	12°51	2°36	22°51	12°37	29°58	23°49	22° 4	11°18	9°15	M27
T 28	0 29 43	5°55'50	25°21	19°45	21°37	4° 4	12°59	2°43	22°54	12°35	29°59	23°45	22° 1	11°25	9°12	T 28
W29	0 33 40	6°53'54	7♈47	21°22	22°31	4°42	13° 8	2°50	22°56	12°34	29°59	23°40	21°57	11°31	9° 9	W29
T 30	0 37 36	7♎51'59	20♈27	23♍ 2	23♏24	5♍21	13♐16	2♍57	22♏59	12♓33	0♌ 0	23♌33	21♌54	11♒38	9♓ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n46	3s15	2s59	1n16	5s 1	10s12	0s42	16n43	1n 1	21s 1	0n44	12n17	0n45	17s42	0n22	6s51	0s23	15n58	4s11	13n18	13n35	16s42	1s39	6n22
T 2	7 25	0n48	3 51	1 37	4 58	10 40	0 47	16 31	1 1	21 2	0 44	12 14	0 45	17 43	0 22	6 52	0 23	15 58	4 11	13 19	13 36	16 41	1 40	6 22
F 3	7 3	4 53	4 32	1 59	4 53	11 8	0 53	16 20	1 2	21 3	0 44	12 12	0 45	17 43	0 22	6 53	0 23	15 57	4 11	13 20	13 37	16 40	1 42	6 22
S 4	6 42	8 48	5 1	2 23	4 46	11 35	0 58	16 8	1 2	21 4	0 44	12 9	0 45	17 44	0 22	6 53	0 23	15 57	4 11	13 20	13 38	16 40	1 43	6 22
S 5	6 20	12 24	5 15	2 48	4 38	12 2	1 3	15 56	1 3	21 5	0 43	12 6	0 45	17 44	0 22	6 54	0 23	15 57	4 11	13 21	13 39	16 39	1 44	6 22
M 6	5 58	15 26	5 12	3 14	4 28	12 29	1 9	15 44	1 3	21 6	0 43	12 4	0 46	17 45	0 22	6 54	0 23	15 57	4 11	13 22	13 40	16 38	1 45	6 21
T 7	5 36	17 42	4 52	3 41	4 16	12 56	1 14	15 32	1 3	21 7	0 43	12 1	0 46	17 45	0 22	6 55	0 23	15 56	4 11	13 22	13 41	16 37	1 46	6 21
W 8	5 13	18 59	4 15	4 7	4 3	13 23	1 20	15 20	1 4	21 8	0 43	11 59	0 46	17 46	0 22	6 56	0 23	15 56	4 11	13 22	13 42	16 36	1 48	6 21
T 9	4 51	19 6	3 21	4 33	3 49	13 49	1 26	15 8	1 4	21 9	0 43	11 56	0 46	17 46	0 22	6 56	0 23	15 56	4 11	13 21	13 43	16 35	1 49	6 21
F 10	4 29	17 58	2 14	4 59	3 33	14 15	1 31	14 56	1 5	21 10	0 42	11 54	0 46	17 47	0 22	6 57	0 23	15 56	4 11	13 21	13 44	16 34	1 50	6 21
S 11	4 6	15 37	0 57	5 23	3 17	14 41	1 37	14 43	1 5	21 11	0 42	11 51	0 46	17 48	0 22	6 58	0 23	15 55	4 11	13 20	13 45	16 33	1 51	6 21
S 12	3 44	12 13	0n25	5 45	2 59	15 6	1 43	14 31	1 5	21 12	0 42	11 49	0 46	17 48	0 22	6 58	0 23	15 55	4 11	13 20	13 46	16 32	1 53	6 21
M13	3 21	8 1	1 44	6 5	2 41	15 32	1 48	14 19	1 6	21 13	0 42	11 46	0 46	17 49	0 22	6 59	0 23	15 55	4 11	13 21	13 48	16 32	1 54	6 20
T 14	2 59	3 23	2 56	6 23	2 23	15 57	1 54	14 6	1 6	21 14	0 42	11 44	0 46	17 49	0 22	6 59	0 23	15 55	4 11	13 21	13 49	16 31	1 55	6 20
W15	2 36	1s23	3 56	6 38	2 5	16 21	2 0	13 53	1 7	21 15	0 41	11 41	0 46	17 50	0 22	7 0	0 23	15 55	4 11	13 23	13 50	16 30	1 56	6 20
T 16	2 14	5 57	4 39	6 51	1 47	16 46	2 6	13 41	1 7	21 16	0 41	11 39	0 47	17 51	0 22	7 1	0 23	15 54	4 11	13 24	13 51	16 29	1 58	6 20
F 17	1 51	10 4	5 5	7 1	1 28	17 10	2 12	13 28	1 7	21 17	0 41	11 36	0 47	17 51	0 22	7 1	0 23	15 54	4 11	13 26	13 52	16 28	1 59	6 20
S 18	1 28	13 33	5 13	7 7	1 10	17 34	2 18	13 15	1 8	21 19	0 41	11 34	0 47	17 52	0 22	7 2	0 23	15 54	4 12	13 27	13 53	16 27	2 0	6 20
S 19	1 5	16 16	5 5	7 10	0 53	17 57	2 24	13 2	1 8	21 20	0 41	11 31	0 47	17 53	0 22	7 3	0 23	15 54	4 12	13 28	13 54	16 26	2 1	6 19
M20	0 43	18 7	4 42	7 10	0 36	18 20	2 30	12 49	1 8	21 21	0 41	11 29	0 47	17 53	0 22	7 3	0 23	15 53	4 12	13 29	13 55	16 25	2 3	6 19
T 21	0 20	19 6	4 7	7 6	0 20	18 43	2 36	12 36	1 9	21 22	0 40	11 26	0 47	17 54	0 22	7 4	0 23	15 53	4 12	13 29	13 56	16 24	2 4	6 19
W22	0s 3	19 11	3 22	6 59	0 4	19 6	2 42	12 23	1 9	21 23	0 40	11 24	0 47	17 55	0 22	7 4	0 23	15 53	4 12	13 28	13 57	16 23	2 5	6 19
T 23	0 26	18 24	2 28	6 48	0n10	19 28	2 49	12 9	1 10	21 24	0 40	11 21	0 47	17 55	0 22	7 5	0 23	15 53	4 12	13 28	13 58	16 22	2 6	6 19
F 24	0 49	16 50	1 29	6 34	0 24	19 50	2 55	11 56	1 10	21 26	0 40	11 19	0 47	17 56	0 22	7 5	0 23	15 53	4 12	13 27	13 59	16 21	2 8	6 18
S 25	1 12	14 32	0 25	6 17	0 37	20 11	3 1	11 43	1 10	21 27	0 40	11 17	0 48	17 57	0 22	7 6	0 23	15 52	4 12	13 27	14 0	16 20	2 9	6 18
S 26	1 35	11 36	0s39	5 56	0 48	20 32	3 7	11 29	1 11	21 28	0 39	11 14	0 48	17 57	0 22	7 7	0 23	15 52	4 12	13 27	14 1	16 19	2 10	6 18
M27	1 57	8 10	1 43	5 32	0 59	20 53	3 13	11 16	1 11	21 29	0 39	11 12	0 48	17 58	0 22	7 7	0 23	15 52	4 12	13 28	14 2	16 18	2 11	6 18
T 28	2 20	4 19	2 43	5 5	1 9	21 13	3 19	11 2	1 11	21 30	0 39	11 10	0 48	17 59	0 22	7 8	0 23	15 52	4 12	13 29	14 3	16 17	2 12	6 17
W29	2 43	0 15	3 35	4 35	1 17	21 33	3 26	10 49	1 12	21 32	0 39	11 7	0 48	18 0	0 22	7 8	0 23	15 52	4 12	13 31	14 4	16 16	2 14	6 17
T 30	3s 6	3n55	4s19	4n 2	1n25	21s52	3s32	10n35	1n12	21s33	0n39	11n 5	0n48	18s 0	0n22	7s 9	0s23	15n52	4s12	13n33	14n 5	16s15	2s15	6n17

Julian Day Number = 3056264.5, Delta T = 02h29m11s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'04, Lahiri = 47°04'04

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

OCTOBER 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 41 33	8♎50'05	3♉21	24♍46	24♏16	5♍59	13♐25	3♍ 4	23♏ 2	12°R31	0♌ 1	23°R25	21♌51	11♒45	9°R 4	F 1
S 2	0 45 30	9°48'14	16°28	26°32	25° 8	6°37	13°34	3°10	23° 5	12♓30	0° 2	23♌17	21°48	11°51	9♓ 2	S 2
S 3	0 49 26	10°46'24	29°47	28°21	25°59	7°15	13°43	3°17	23° 8	12°28	0° 2	23°10	21°45	11°58	8°59	S 3
M 4	0 53 23	11°44'36	13♊19	0♎12	26°50	7°53	13°52	3°24	23°11	12°27	0° 3	23° 5	21°41	12° 5	8°57	M 4
T 5	0 57 19	12°42'50	27° 2	2° 3	27°40	8°31	14° 1	3°30	23°14	12°26	0° 4	23° 2	21°38	12°11	8°55	T 5
W 6	1 1 16	13°41'06	10♋55	3°56	28°29	9°10	14°10	3°37	23°17	12°24	0° 4	23°D 1	21°35	12°18	8°52	W 6
T 7	1 5 12	14°39'24	24°59	5°50	29°17	9°48	14°20	3°43	23°21	12°23	0° 5	23° 1	21°32	12°24	8°50	T 7
F 8	1 9 9	15°37'44	9♌13	7°44	0♐ 5	10°26	14°29	3°50	23°24	12°22	0° 5	23° 2	21°29	12°31	8°48	F 8
S 9	1 13 5	16°36'06	23°34	9°38	0°52	11° 3	14°39	3°56	23°27	12°20	0° 6	23°R 2	21°26	12°38	8°45	S 9
S 10	1 17 2	17°34'30	8♍ 1	11°32	1°38	11°41	14°48	4° 3	23°30	12°19	0° 6	23° 2	21°22	12°44	8°43	S 10
M11	1 20 59	18°32'56	22°29	13°26	2°23	12°19	14°58	4° 9	23°33	12°18	0° 7	22°58	21°19	12°51	8°41	M11
T 12	1 24 55	19°31'23	6♎53	15°19	3° 8	12°57	15° 8	4°15	23°37	12°17	0° 7	22°53	21°16	12°58	8°39	T 12
W13	1 28 52	20°29'53	21° 7	17°12	3°51	13°35	15°18	4°21	23°40	12°15	0° 7	22°45	21°13	13° 4	8°37	W13
T 14	1 32 48	21°28'24	5♏ 6	19° 4	4°34	14°12	15°28	4°28	23°43	12°14	0° 8	22°36	21°10	13°11	8°35	T 14
F 15	1 36 45	22°26'58	18°45	20°55	5°15	14°50	15°38	4°34	23°47	12°13	0° 8	22°25	21° 6	13°18	8°33	F 15
S 16	1 40 41	23°25'32	2♐ 2	22°46	5°56	15°28	15°48	4°40	23°50	12°12	0° 8	22°16	21° 3	13°24	8°31	S 16
S 17	1 44 38	24°24'09	14°56	24°35	6°35	16° 5	15°59	4°46	23°53	12°11	0° 9	22° 8	21° 0	13°31	8°29	S 17
M18	1 48 34	25°22'47	27°29	26°24	7°13	16°43	16° 9	4°51	23°57	12°10	0° 9	22° 2	20°57	13°38	8°28	M18
T 19	1 52 31	26°21'27	9♑43	28°12	7°51	17°20	16°20	4°57	24° 0	12° 9	0° 9	21°58	20°54	13°44	8°26	T 19
W20	1 56 28	27°20'08	21°44	29°59	8°26	17°58	16°30	5° 3	24° 4	12° 8	0°10	21°57	20°51	13°51	8°24	W20
T 21	2 0 24	28°18'51	3♒35	1♏45	9° 1	18°35	16°41	5° 9	24° 7	12° 7	0°10	21°D57	20°47	13°57	8°23	T 21
F 22	2 4 21	29°17'36	15°24	3°30	9°34	19°12	16°52	5°14	24°11	12° 6	0°10	21°57	20°44	14° 4	8°21	F 22
S 23	2 8 17	0♏16'22	27°14	5°14	10° 6	19°50	17° 2	5°20	24°14	12° 5	0°10	21°R57	20°41	14°11	8°19	S 23
S 24	2 12 14	1°15'10	9♓11	6°57	10°37	20°27	17°13	5°25	24°18	12° 4	0°10	21°56	20°38	14°17	8°18	S 24
M25	2 16 10	2°14'00	21°20	8°40	11° 6	21° 4	17°24	5°31	24°21	12° 3	0°10	21°52	20°35	14°24	8°17	M25
T 26	2 20 7	3°12'51	3♈43	10°21	11°33	21°41	17°36	5°36	24°25	12° 2	0°11	21°46	20°32	14°31	8°15	T 26
W27	2 24 3	4°11'44	16°24	12° 1	11°59	22°18	17°47	5°41	24°28	12° 1	0°11	21°37	20°28	14°37	8°14	W27
T 28	2 28 0	5°10'39	29°23	13°41	12°23	22°55	17°58	5°46	24°32	12° 0	0°11	21°26	20°25	14°44	8°13	T 28
F 29	2 31 56	6° 9'35	12♉39	15°20	12°46	23°32	18° 9	5°51	24°36	11°59	0°11	21°14	20°22	14°51	8°11	F 29
S 30	2 35 53	7° 8'34	26°10	16°58	13° 6	24° 9	18°21	5°56	24°39	11°59	0°R11	21° 2	20°19	14°57	8°10	S 30
S 31	2 39 50	8♏ 7'35	9♊54	18♏35	13♐25	24♍46	18♐32	6♍ 1	24♏43	11♓58	0♌11	20♌51	20♌16	15♒ 4	8♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s28	7n58	4s50	3n27	1n31	22s11	3s38	10n22	1n12	21s34	0n39	11n 3	0n48	18s 1	0n22	7s 9	0s23	15n51	4s12	13n36	14n 6	16s14	2s16	6n17
S 2	3 51	11 43	5 6	2 50	1 36	22 30	3 44	10 8	1 13	21 35	0 38	11 0	0 48	18 2	0 21	7 10	0 23	15 51	4 12	13 38	14 7	16 13	2 17	6 16
S 3	4 14	14 56	5 6	2 11	1 41	22 48	3 50	9 54	1 13	21 37	0 38	10 58	0 49	18 3	0 21	7 10	0 23	15 51	4 12	13 40	14 8	16 12	2 18	6 16
M 4	4 36	17 24	4 49	1 31	1 44	23 6	3 56	9 40	1 13	21 38	0 38	10 56	0 49	18 3	0 21	7 11	0 23	15 51	4 12	13 42	14 9	16 11	2 20	6 16
T 5	4 59	18 56	4 16	0 49	1 46	23 24	4 2	9 26	1 14	21 39	0 38	10 53	0 49	18 4	0 21	7 12	0 23	15 51	4 12	13 43	14 10	16 10	2 21	6 15
W 6	5 21	19 20	3 27	0 6	1 48	23 41	4 8	9 13	1 14	21 40	0 38	10 51	0 49	18 5	0 21	7 12	0 23	15 51	4 12	13 43	14 11	16 9	2 22	6 15
T 7	5 44	18 34	2 25	0s38	1 48	23 57	4 14	8 59	1 14	21 41	0 38	10 49	0 49	18 6	0 21	7 13	0 23	15 50	4 12	13 43	14 12	16 8	2 23	6 15
F 8	6 6	16 36	1 14	1 23	1 48	24 14	4 20	8 45	1 15	21 43	0 37	10 47	0 49	18 7	0 21	7 13	0 23	15 50	4 12	13 43	14 13	16 7	2 24	6 14
S 9	6 28	13 35	0n 3	2 8	1 47	24 29	4 26	8 31	1 15	21 44	0 37	10 45	0 49	18 7	0 21	7 14	0 23	15 50	4 12	13 43	14 14	16 6	2 25	6 14
S 10	6 50	9 43	1 20	2 54	1 46	24 45	4 32	8 17	1 15	21 45	0 37	10 42	0 50	18 8	0 21	7 14	0 23	15 50	4 12	13 43	14 15	16 5	2 26	6 14
M11	7 12	5 17	2 31	3 40	1 44	25 0	4 38	8 3	1 16	21 46	0 37	10 40	0 50	18 9	0 21	7 15	0 23	15 50	4 12	13 44	14 16	16 4	2 27	6 13
T 12	7 34	0 33	3 33	4 26	1 41	25 14	4 44	7 49	1 16	21 48	0 37	10 38	0 50	18 10	0 21	7 15	0 23	15 50	4 12	13 46	14 17	16 3	2 28	6 13
W13	7 56	4s 9	4 20	5 11	1 38	25 28	4 49	7 35	1 16	21 49	0 37	10 36	0 50	18 11	0 21	7 15	0 23	15 50	4 12	13 49	14 18	16 2	2 30	6 13
T 14	8 18	8 32	4 51	5 57	1 34	25 42	4 55	7 20	1 17	21 50	0 36	10 34	0 50	18 12	0 21	7 16	0 23	15 50	4 12	13 52	14 19	16 1	2 31	6 12
F 15	8 40	12 22	5 4	6 43	1 30	25 55	5 1	7 6	1 17	21 51	0 36	10 32	0 50	18 12	0 21	7 16	0 23	15 49	4 13	13 55	14 20	16 0	2 32	6 12
S 16	9 1	15 28	5 0	7 28	1 25	26 7	5 6	6 52	1 17	21 53	0 36	10 30	0 50	18 13	0 21	7 17	0 23	15 49	4 13	13 58	14 21	15 59	2 33	6 12
S 17	9 23	17 43	4 41	8 12	1 20	26 20	5 11	6 38	1 18	21 54	0 36	10 28	0 51	18 14	0 21	7 17	0 23	15 49	4 13	14 0	14 22	15 58	2 34	6 11
M18	9 44	19 3	4 9	8 56	1 15	26 31	5 17	6 24	1 18	21 55	0 36	10 26	0 51	18 15	0 21	7 18	0 23	15 49	4 13	14 2	14 23	15 57	2 35	6 11
T 19	10 5	19 27	3 26	9 40	1 9	26 43	5 22	6 10	1 18	21 56	0 36	10 24	0 51	18 16	0 21	7 18	0 23	15 49	4 13	14 4	14 24	15 56	2 36	6 11
W20	10 26	18 57	2 34	10 22	1 3	26 53	5 27	5 55	1 18	21 57	0 36	10 22	0 51	18 17	0 21	7 18	0 23	15 49	4 13	14 4	14 25	15 55	2 37	6 10
T 21	10 47	17 37	1 36	11 5	0 57	27 4	5 32	5 41	1 19	21 59	0 35	10 20	0 51	18 17	0 21	7 19	0 23	15 49	4 13	14 4	14 26	15 54	2 38	6 10
F 22	11 7	15 31	0 35	11 46	0 51	27 14	5 36	5 27	1 19	22 0	0 35	10 18	0 51	18 18	0 21	7 19	0 23	15 49	4 13	14 4	14 27	15 53	2 38	6 9
S 23	11 28	12 46	0s28	12 27	0 45	27 23	5 41	5 13	1 19	22 1	0 35	10 16	0 51	18 19	0 21	7 19	0 23	15 49	4 13	14 4	14 28	15 52	2 39	6 9
S 24	11 48	9 27	1 30	13 7	0 38	27 32	5 45	4 58	1 20	22 2	0 35	10 14	0 52	18 20	0 21	7 20	0 23	15 49	4 13	14 4	14 29	15 51	2 40	6 9
M25	12 8	5 42	2 30	13 46	0 31	27 40	5 49	4 44	1 20	22 3	0 35	10 13	0 52	18 21	0 21	7 20	0 23	15 48	4 13	14 5	14 30	15 50	2 41	6 8
T 26	12 28	1 38	3 23	14 24	0 25	27 48	5 53	4 30	1 20	22 5	0 35	10 11	0 52	18 22	0 21	7 21	0 23	15 48	4 13	14 8	14 31	15 49	2 42	6 8
W27	12 48	2n35	4 7	15 1	0 18	27 55	5 57	4 16	1 21	22 6	0 35	10 9	0 52	18 23	0 21	7 21	0 23	15 48	4 13	14 10	14 32	15 48	2 43	6 7
T 28	13 8	6 47	4 40	15 38	0 11	28 2	6 1	4 1	1 21	22 7	0 34	10 7	0 52	18 24	0 21	7 21	0 23	15 48	4 13	14 14	14 33	15 47	2 44	6 7
F 29	13 27	10 45	4 58	16 14	0 4	28 8	6 4	3 47	1 21	22 8	0 34	10 6	0 52	18 24	0 21	7 21	0 23	15 48	4 13	14 18	14 34	15 46	2 45	6 7
S 30	13 46	14 15	5 0	16 48	0s 3	28 14	6 7	3 33	1 21	22 9	0 34	10 4	0 53	18 25	0 21	7 22	0 23	15 48	4 13	14 21	14 35	15 45	2 45	6 6
S 31	14s 5	17n 2	4s45	17s22	0s10	28s19	6s10	3n19	1n22	22s10	0n34	10n 2	0n53	18s26	0n21	7s22	0s23	15n48	4s13	14n25	14n36	15s43	2s46	6n 6

Julian Day Number = 3056294.5, Delta T = 02h29m12s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'08, Lahiri = 47°04'09

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

NOVEMBER 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 43 46	9♏ 6'38	23♊47	20♏11	13♐42	25♍23	18♐44	6♍ 6	24♏47	11°R57	0°R11	20°R43	20♌12	15♒11	8°R 8	M 1
T 2	2 47 43	10° 5'43	7♋47	21°47	13°57	26° 0	18°55	6°11	24°50	11♓57	0♌11	20♌37	20° 9	15°17	8♓ 7	T 2
W 3	2 51 39	11° 4'51	21°50	23°21	14°10	26°37	19° 7	6°16	24°54	11°56	0°11	20°34	20° 6	15°24	8° 6	W 3
T 4	2 55 36	12° 4'00	5♌55	24°55	14°21	27°13	19°19	6°20	24°58	11°55	0°10	20°33	20° 3	15°31	8° 6	T 4
F 5	2 59 32	13° 3'12	20° 1	26°29	14°30	27°50	19°31	6°25	25° 1	11°55	0°10	20°33	20° 0	15°37	8° 5	F 5
S 6	3 3 29	14° 2'26	4♍ 7	28° 1	14°36	28°27	19°42	6°29	25° 5	11°54	0°10	20°32	19°57	15°44	8° 4	S 6
S 7	3 7 25	15° 1'42	18°12	29°33	14°40	29° 3	19°54	6°34	25° 9	11°54	0°10	20°30	19°53	15°50	8° 3	S 7
M 8	3 11 22	16° 1'01	2♎15	1♐ 4	14°R42	29°40	20° 6	6°38	25°12	11°53	0°10	20°26	19°50	15°57	8° 3	M 8
T 9	3 15 19	17° 0'22	16°13	2°35	14°42	0♎16	20°18	6°42	25°16	11°53	0°10	20°18	19°47	16° 4	8° 2	T 9
W10	3 19 15	17°59'44	0♏ 2	4° 4	14°39	0°53	20°30	6°46	25°20	11°52	0° 9	20° 8	19°44	16°10	8° 2	W10
T 11	3 23 12	18°59'09	13°40	5°33	14°34	1°29	20°43	6°50	25°24	11°52	0° 9	19°55	19°41	16°17	8° 1	T 11
F 12	3 27 8	19°58'36	27° 3	7° 2	14°27	2° 6	20°55	6°54	25°27	11°51	0° 9	19°42	19°38	16°24	8° 1	F 12
S 13	3 31 5	20°58'05	10♐ 8	8°29	14°17	2°42	21° 7	6°58	25°31	11°51	0° 9	19°30	19°34	16°30	8° 1	S 13
S 14	3 35 1	21°57'36	22°55	9°56	14° 5	3°18	21°19	7° 2	25°35	11°51	0° 8	19°18	19°31	16°37	8° 1	S 14
M15	3 38 58	22°57'08	5♑23	11°22	13°50	3°54	21°32	7° 5	25°39	11°50	0° 8	19°10	19°28	16°44	8° 0	M15
T 16	3 42 54	23°56'42	17°35	12°48	13°33	4°30	21°44	7° 9	25°43	11°50	0° 7	19° 4	19°25	16°50	8° 0	T 16
W17	3 46 51	24°56'18	29°34	14°12	13°14	5° 6	21°57	7°12	25°46	11°50	0° 7	19° 1	19°22	16°57	8°D 0	W17
T 18	3 50 48	25°55'56	11♒25	15°36	12°52	5°42	22° 9	7°16	25°50	11°50	0° 7	18°59	19°18	17° 4	8° 0	T 18
F 19	3 54 44	26°55'35	23°13	16°59	12°28	6°18	22°22	7°19	25°54	11°50	0° 6	18°59	19°15	17°10	8° 1	F 19
S 20	3 58 41	27°55'16	5♓ 3	18°21	12° 2	6°54	22°35	7°22	25°58	11°50	0° 6	18°59	19°12	17°17	8° 1	S 20
S 21	4 2 37	28°54'58	17° 0	19°42	11°34	7°30	22°47	7°25	26° 1	11°50	0° 5	18°58	19° 9	17°23	8° 1	S 21
M22	4 6 34	29°54'42	29°11	21° 2	11° 5	8° 6	23° 0	7°28	26° 5	11°50	0° 5	18°55	19° 6	17°30	8° 1	M22
T 23	4 10 30	0♐54'28	11♈39	22°21	10°34	8°41	23°13	7°31	26° 9	11°D50	0° 4	18°49	19° 3	17°37	8° 2	T 23
W24	4 14 27	1°54'16	24°28	23°38	10° 1	9°17	23°25	7°34	26°13	11°50	0° 4	18°40	18°59	17°43	8° 2	W24
T 25	4 18 23	2°54'05	7♉40	24°55	9°27	9°53	23°38	7°37	26°17	11°50	0° 3	18°30	18°56	17°50	8° 3	T 25
F 26	4 22 20	3°53'55	21°14	26°10	8°52	10°28	23°51	7°39	26°20	11°50	0° 3	18°18	18°53	17°57	8° 3	F 26
S 27	4 26 17	4°53'48	5♊ 9	27°23	8°16	11° 4	24° 4	7°42	26°24	11°50	0° 2	18° 6	18°50	18° 3	8° 4	S 27
S 28	4 30 13	5°53'43	19°19	28°35	7°40	11°39	24°17	7°44	26°28	11°50	0° 1	17°55	18°47	18°10	8° 4	S 28
M29	4 34 10	6°53'39	3♋39	29°44	7° 3	12°14	24°30	7°46	26°32	11°50	0° 1	17°47	18°44	18°17	8° 5	M29
T 30	4 38 6	7♐53'37	18♋ 4	0♑52	6♐26	12♎50	24♐43	7♍48	26♏35	11♓50	0♌ 0	17♌41	18♌40	18♒23	8♓ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s24	18n52	4s13	17s55	0s17	28s24	6s12	3n 4	1n22	22s11	0n34	10n 1	0n53	18s27	0n21	7s22	0s23	15n48	4s13	14n28	14n37	15s42	2s47	6n 5
T 2	14 43	19 34	3 26	18 27	0 25	28 28	6 14	2 50	1 22	22 12	0 34	9 59	0 53	18 28	0 21	7 23	0 23	15 48	4 13	14 29	14 38	15 41	2 48	6 5
W 3	15 1	19 4	2 26	18 57	0 32	28 31	6 16	2 36	1 23	22 13	0 34	9 58	0 53	18 29	0 21	7 23	0 23	15 48	4 13	14 30	14 39	15 40	2 48	6 5
T 4	15 19	17 23	1 17	19 27	0 39	28 34	6 17	2 22	1 23	22 14	0 34	9 56	0 53	18 30	0 21	7 23	0 23	15 48	4 13	14 31	14 40	15 39	2 49	6 4
F 5	15 37	14 38	0 3	19 56	0 46	28 36	6 18	2 8	1 23	22 16	0 33	9 54	0 54	18 31	0 21	7 23	0 23	15 48	4 13	14 31	14 41	15 38	2 50	6 4
S 6	15 55	11 1	1n11	20 24	0 53	28 37	6 19	1 53	1 23	22 17	0 33	9 53	0 54	18 32	0 21	7 23	0 23	15 48	4 14	14 31	14 42	15 37	2 50	6 3
S 7	16 12	6 47	2 21	20 50	0 59	28 38	6 19	1 39	1 24	22 18	0 33	9 52	0 54	18 33	0 21	7 24	0 23	15 48	4 14	14 32	14 43	15 36	2 51	6 3
M 8	16 29	2 12	3 21	21 16	1 6	28 38	6 19	1 25	1 24	22 19	0 33	9 50	0 54	18 33	0 21	7 24	0 23	15 48	4 14	14 33	14 44	15 35	2 52	6 2
T 9	16 46	2s28	4 9	21 41	1 13	28 37	6 18	1 11	1 24	22 20	0 33	9 49	0 54	18 34	0 21	7 24	0 23	15 48	4 14	14 35	14 45	15 34	2 52	6 2
W10	17 2	6 58	4 42	22 4	1 19	28 35	6 17	0 57	1 24	22 21	0 33	9 47	0 54	18 35	0 21	7 24	0 23	15 48	4 14	14 39	14 46	15 32	2 53	6 2
T 11	17 19	11 3	4 59	22 27	1 26	28 33	6 15	0 43	1 25	22 22	0 33	9 46	0 55	18 36	0 21	7 24	0 23	15 48	4 14	14 42	14 47	15 31	2 53	6 1
F 12	17 35	14 29	4 58	22 48	1 32	28 30	6 12	0 29	1 25	22 22	0 33	9 45	0 55	18 37	0 21	7 24	0 23	15 48	4 14	14 47	14 48	15 30	2 54	6 1
S 13	17 50	17 8	4 41	23 9	1 38	28 25	6 9	0 15	1 25	22 23	0 32	9 44	0 55	18 38	0 21	7 25	0 23	15 48	4 14	14 50	14 49	15 29	2 54	6 0
S 14	18 6	18 52	4 11	23 28	1 44	28 20	6 6	0 1	1 25	22 24	0 32	9 42	0 55	18 39	0 21	7 25	0 23	15 48	4 14	14 54	14 50	15 28	2 55	6 0
M15	18 21	19 38	3 29	23 46	1 50	28 14	6 2	0s13	1 26	22 25	0 32	9 41	0 55	18 40	0 21	7 25	0 23	15 48	4 14	14 57	14 51	15 27	2 55	5 59
T 16	18 35	19 28	2 38	24 3	1 56	28 7	5 57	0 27	1 26	22 26	0 32	9 40	0 55	18 41	0 21	7 25	0 23	15 48	4 14	14 58	14 52	15 26	2 56	5 59
W17	18 50	18 25	1 41	24 19	2 1	27 59	5 51	0 41	1 26	22 27	0 32	9 39	0 56	18 42	0 21	7 25	0 23	15 48	4 14	14 59	14 53	15 25	2 56	5 59
T 18	19 4	16 33	0 40	24 33	2 7	27 50	5 45	0 55	1 27	22 28	0 32	9 38	0 56	18 42	0 21	7 25	0 23	15 48	4 14	15 0	14 54	15 23	2 57	5 58
F 19	19 18	14 1	0s22	24 47	2 12	27 40	5 38	1 9	1 27	22 29	0 32	9 37	0 56	18 43	0 21	7 25	0 23	15 48	4 14	15 0	14 55	15 22	2 57	5 58
S 20	19 31	10 53	1 24	24 59	2 16	27 29	5 30	1 23	1 27	22 29	0 32	9 36	0 56	18 44	0 21	7 25	0 23	15 48	4 14	15 0	14 56	15 21	2 57	5 57
S 21	19 44	7 17	2 23	25 10	2 21	27 17	5 22	1 37	1 27	22 30	0 32	9 35	0 56	18 45	0 21	7 25	0 23	15 48	4 14	15 0	14 57	15 20	2 58	5 57
M22	19 57	3 20	3 16	25 20	2 25	27 4	5 13	1 50	1 27	22 31	0 32	9 34	0 57	18 46	0 21	7 25	0 23	15 49	4 14	15 1	14 58	15 19	2 58	5 56
T 23	20 9	0n52	4 1	25 29	2 29	26 49	5 3	2 4	1 28	22 32	0 31	9 33	0 57	18 47	0 21	7 25	0 23	15 49	4 14	15 3	14 59	15 18	2 58	5 56
W24	20 21	5 7	4 36	25 37	2 33	26 34	4 52	2 18	1 28	22 32	0 31	9 32	0 57	18 48	0 21	7 25	0 23	15 49	4 14	15 6	15 0	15 16	2 58	5 55
T 25	20 33	9 16	4 56	25 43	2 36	26 18	4 41	2 31	1 28	22 33	0 31	9 31	0 57	18 49	0 21	7 25	0 23	15 49	4 14	15 9	15 1	15 15	2 59	5 55
F 26	20 44	13 3	5 1	25 49	2 39	26 1	4 29	2 45	1 28	22 34	0 31	9 31	0 57	18 49	0 21	7 25	0 23	15 49	4 14	15 12	15 2	15 14	2 59	5 55
S 27	20 55	16 14	4 49	25 53	2 41	25 43	4 17	2 59	1 29	22 35	0 31	9 30	0 57	18 50	0 21	7 25	0 23	15 49	4 14	15 16	15 3	15 13	2 59	5 54
S 28	21 6	18 31	4 18	25 56	2 43	25 24	4 4	3 12	1 29	22 35	0 31	9 29	0 58	18 51	0 21	7 25	0 23	15 49	4 14	15 19	15 4	15 12	2 59	5 54
M29	21 16	19 39	3 31	25 58	2 44	25 5	3 50	3 25	1 29	22 36	0 31	9 29	0 58	18 52	0 21	7 25	0 23	15 49	4 14	15 22	15 5	15 11	2 59	5 53
T 30	21s26	19n32	2s30	25s59	2s45	24s45	3s36	3s39	1n29	22s36	0n31	9n28	0n58	18s53	0n21	7s25	0s23	15n49	4s14	15n24	15n 6	15s 9	2s59	5n53

Julian Day Number = 3056325.5, Delta T = 02h29m12s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'12, Lahiri = 47°04'13

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ASTRODIENST EPHEMERIS for the year 3655
geocentric

DECEMBER 3655 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 42 3	8♐53'38	2♌28	1♉57	5°R50	13♎25	24♐56	7♍50	26♏39	11♓51	29°R59	17°R38	18♌37	18♒30	8♓ 7	W 1
T 2	4 45 59	9°53'40	16°47	3° 0	5♐14	14° 0	25° 9	7°52	26°43	11°51	29♋59	17°D37	18°34	18°37	8° 8	T 2
F 3	4 49 56	10°53'45	0♍58	3°59	4°38	14°35	25°22	7°54	26°46	11°51	29°58	17♌37	18°31	18°43	8° 9	F 3
S 4	4 53 52	11°53'51	15° 2	4°56	4° 4	15°10	25°35	7°56	26°50	11°52	29°57	17°R37	18°28	18°50	8°10	S 4
S 5	4 57 49	12°53'59	28°56	5°48	3°31	15°45	25°48	7°58	26°54	11°52	29°56	17°36	18°24	18°56	8°11	S 5
M 6	5 1 46	13°54'10	12♎40	6°36	2°59	16°20	26° 1	7°59	26°57	11°53	29°56	17°33	18°21	19° 3	8°12	M 6
T 7	5 5 42	14°54'22	26°15	7°20	2°28	16°55	26°15	8° 0	27° 1	11°53	29°55	17°27	18°18	19°10	8°13	T 7
W 8	5 9 39	15°54'36	9♏40	7°58	2° 0	17°30	26°28	8° 2	27° 5	11°53	29°54	17°19	18°15	19°16	8°15	W 8
T 9	5 13 35	16°54'53	22°53	8°31	1°33	18° 4	26°41	8° 3	27° 8	11°54	29°53	17° 8	18°12	19°23	8°16	T 9
F 10	5 17 32	17°55'11	5♐53	8°57	1° 8	18°39	26°54	8° 4	27°12	11°55	29°52	16°57	18° 9	19°30	8°17	F 10
S 11	5 21 28	18°55'30	18°40	9°16	0°46	19°13	27° 7	8° 5	27°16	11°55	29°52	16°46	18° 5	19°36	8°19	S 11
S 12	5 25 25	19°55'51	1♑12	9°26	0°25	19°48	27°21	8° 6	27°19	11°56	29°51	16°37	18° 2	19°43	8°20	S 12
M13	5 29 22	20°56'14	13°31	9°R28	0° 7	20°22	27°34	8° 7	27°23	11°56	29°50	16°30	17°59	19°50	8°22	M13
T 14	5 33 18	21°56'39	25°37	9°21	29♏52	20°57	27°47	8° 7	27°26	11°57	29°49	16°25	17°56	19°56	8°24	T 14
W15	5 37 15	22°57'04	7♒33	9° 3	29°39	21°31	28° 1	8° 8	27°30	11°58	29°48	16°22	17°53	20° 3	8°25	W15
T 16	5 41 11	23°57'31	19°22	8°35	29°28	22° 5	28°14	8° 8	27°33	11°59	29°47	16°D22	17°50	20°10	8°27	T 16
F 17	5 45 8	24°57'59	1♓ 8	7°57	29°19	22°39	28°27	8° 8	27°37	12° 0	29°46	16°23	17°46	20°16	8°29	F 17
S 18	5 49 4	25°58'29	12°57	7° 8	29°14	23°13	28°41	8° 8	27°40	12° 0	29°45	16°24	17°43	20°23	8°31	S 18
S 19	5 53 1	26°58'59	24°53	6° 9	29°10	23°47	28°54	8°R 9	27°44	12° 1	29°44	16°R25	17°40	20°30	8°33	S 19
M20	5 56 57	27°59'31	7♈ 1	5° 1	29°D 9	24°21	29° 7	8° 8	27°47	12° 2	29°43	16°24	17°37	20°36	8°35	M20
T 21	6 0 54	29° 0'03	19°28	3°47	29°11	24°55	29°21	8° 8	27°50	12° 3	29°42	16°22	17°34	20°43	8°37	T 21
W22	6 4 51	0♉ 0'37	2♉17	2°27	29°15	25°28	29°34	8° 8	27°54	12° 4	29°41	16°18	17°30	20°49	8°39	W22
T 23	6 8 47	1° 1'12	15°31	1° 5	29°21	26° 2	29°47	8° 8	27°57	12° 5	29°40	16°12	17°27	20°56	8°41	T 23
F 24	6 12 44	2° 1'48	29°12	29♐43	29°29	26°35	0♉ 1	8° 7	28° 0	12° 6	29°39	16° 5	17°24	21° 3	8°43	F 24
S 25	6 16 40	3° 2'26	13♊18	28°24	29°40	27° 9	0°14	8° 6	28° 4	12° 7	29°38	15°57	17°21	21° 9	8°46	S 25
S 26	6 20 37	4° 3'04	27°46	27°10	29°53	27°42	0°27	8° 6	28° 7	12° 8	29°37	15°50	17°18	21°16	8°48	S 26
M27	6 24 33	5° 3'44	12♋29	26° 5	0♐ 8	28°15	0°41	8° 5	28°10	12° 9	29°36	15°45	17°15	21°23	8°51	M27
T 28	6 28 30	6° 4'25	27°19	25° 9	0°25	28°48	0°54	8° 4	28°13	12°10	29°35	15°42	17°11	21°29	8°53	T 28
W29	6 32 26	7° 5'07	12♌10	24°23	0°44	29°21	1° 7	8° 3	28°16	12°12	29°34	15°D41	17° 8	21°36	8°55	W29
T 30	6 36 23	8° 5'51	26°53	23°49	1° 5	29°54	1°21	8° 2	28°20	12°13	29°32	15°41	17° 5	21°43	8°58	T 30
F 31	6 40 20	9♉ 6'36	11♍23	23♐27	1♐28	0♏27	1♉34	8♍ 0	28♏23	12♓14	29♋31	15♌42	17♌ 2	21♒49	9♓ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	21s35	18n 8	1s20	25s58	2s46	24s24	3s22	3s52	1n30	22s37	0n31	9n27	0n58	18s54	0n21	7s25	0s23	15n49	4s14	15n25	15n 7	15s 8	3s 0	5n52
T 2	21 44	15 36	0 4	25 57	2 45	24 3	3 7	4 5	1 30	22 38	0 31	9 27	0 58	18 55	0 21	7 25	0 23	15 49	4 14	15 25	15 8	15 7	3 0	5 52
F 3	21 53	12 8	1n11	25 54	2 45	23 42	2 52	4 19	1 30	22 38	0 30	9 26	0 59	18 55	0 21	7 24	0 23	15 50	4 14	15 25	15 9	15 6	3 0	5 51
S 4	22 1	8 1	2 21	25 51	2 43	23 21	2 37	4 32	1 30	22 39	0 30	9 26	0 59	18 56	0 21	7 24	0 23	15 50	4 14	15 25	15 10	15 5	3 0	5 51
S 5	22 8	3 31	3 22	25 46	2 40	22 59	2 22	4 45	1 31	22 39	0 30	9 25	0 59	18 57	0 21	7 24	0 23	15 50	4 14	15 25	15 11	15 3	3 0	5 51
M 6	22 16	1s 7	4 10	25 41	2 37	22 38	2 6	4 58	1 31	22 40	0 30	9 25	0 59	18 58	0 21	7 24	0 23	15 50	4 15	15 26	15 11	15 2	3 0	5 50
T 7	22 23	5 38	4 44	25 34	2 33	22 17	1 51	5 11	1 31	22 40	0 30	9 25	0 59	18 59	0 21	7 24	0 23	15 50	4 15	15 28	15 12	15 1	3 0	5 50
W 8	22 29	9 48	5 1	25 27	2 28	21 56	1 36	5 24	1 31	22 41	0 30	9 24	1 0	19 0	0 21	7 24	0 23	15 50	4 15	15 30	15 13	15 0	2 59	5 49
T 9	22 35	13 26	5 3	25 18	2 21	21 36	1 20	5 37	1 31	22 41	0 30	9 24	1 0	19 0	0 21	7 23	0 23	15 50	4 15	15 34	15 14	14 59	2 59	5 49
F 10	22 41	16 22	4 48	25 9	2 14	21 16	1 5	5 50	1 32	22 41	0 30	9 24	1 0	19 1	0 21	7 23	0 23	15 51	4 15	15 37	15 15	14 57	2 59	5 48
S 11	22 46	18 27	4 19	24 59	2 5	20 57	0 50	6 2	1 32	22 42	0 30	9 24	1 0	19 2	0 21	7 23	0 23	15 51	4 15	15 40	15 16	14 56	2 59	5 48
S 12	22 51	19 35	3 38	24 48	1 55	20 38	0 35	6 15	1 32	22 42	0 30	9 24	1 0	19 3	0 21	7 23	0 23	15 51	4 15	15 43	15 17	14 55	2 59	5 48
M13	22 55	19 47	2 47	24 36	1 43	20 20	0 21	6 28	1 32	22 43	0 30	9 24	1 1	19 4	0 21	7 22	0 23	15 51	4 15	15 45	15 18	14 54	2 59	5 47
T 14	22 59	19 2	1 49	24 24	1 30	20 3	0 7	6 40	1 33	22 43	0 29	9 24	1 1	19 5	0 21	7 22	0 23	15 51	4 15	15 47	15 19	14 52	2 59	5 47
W15	23 2	17 27	0 47	24 11	1 16	19 47	0n 7	6 53	1 33	22 43	0 29	9 24	1 1	19 5	0 21	7 22	0 23	15 51	4 15	15 47	15 20	14 51	2 58	5 46
T 16	23 5	15 8	0s16	23 57	1 0	19 31	0 20	7 5	1 33	22 43	0 29	9 24	1 1	19 6	0 21	7 22	0 23	15 52	4 15	15 47	15 21	14 50	2 58	5 46
F 17	23 8	12 12	1 19	23 42	0 43	19 17	0 33	7 18	1 33	22 44	0 29	9 24	1 1	19 7	0 21	7 21	0 23	15 52	4 15	15 47	15 22	14 49	2 58	5 46
S 18	23 10	8 47	2 19	23 27	0 25	19 3	0 46	7 30	1 33	22 44	0 29	9 24	1 2	19 8	0 21	7 21	0 23	15 52	4 15	15 47	15 23	14 47	2 57	5 45
S 19	23 11	4 58	3 13	23 10	0 5	18 51	0 58	7 42	1 34	22 44	0 29	9 24	1 2	19 8	0 21	7 21	0 23	15 52	4 15	15 47	15 24	14 46	2 57	5 45
M20	23 13	0 55	3 59	22 53	0n15	18 39	1 10	7 54	1 34	22 44	0 29	9 24	1 2	19 9	0 21	7 20	0 23	15 52	4 15	15 47	15 25	14 45	2 57	5 44
T 21	23 13	3n17	4 36	22 35	0 35	18 28	1 21	8 6	1 34	22 44	0 29	9 24	1 2	19 10	0 21	7 20	0 23	15 53	4 15	15 47	15 26	14 44	2 56	5 44
W22	23 13	7 27	5 0	22 17	0 55	18 18	1 32	8 18	1 34	22 45	0 29	9 25	1 2	19 11	0 21	7 20	0 23	15 53	4 15	15 49	15 27	14 42	2 56	5 44
T 23	23 13	11 24	5 9	21 58	1 15	18 10	1 43	8 30	1 34	22 45	0 29	9 25	1 3	19 11	0 21	7 19	0 23	15 53	4 15	15 50	15 28	14 41	2 55	5 43
F 24	23 13	14 53	5 1	21 40	1 33	18 2	1 53	8 42	1 35	22 45	0 29	9 25	1 3	19 12	0 21	7 19	0 23	15 53	4 15	15 53	15 29	14 40	2 55	5 43
S 25	23 11	17 38	4 35	21 23	1 50	17 55	2 2	8 53	1 35	22 45	0 29	9 26	1 3	19 13	0 21	7 18	0 23	15 54	4 15	15 55	15 30	14 39	2 55	5 42
S 26	23 10	19 21	3 51	21 7	2 4	17 48	2 11	9 5	1 35	22 45	0 29	9 26	1 3	19 14	0 21	7 18	0 23	15 54	4 15	15 57	15 31	14 37	2 54	5 42
M27	23 8	19 49	2 51	20 53	2 17	17 43	2 20	9 17	1 35	22 45	0 29	9 27	1 3	19 14	0 21	7 18	0 23	15 54	4 15	15 58	15 32	14 36	2 54	5 42
T 28	23 5	18 54	1 38	20 41	2 27	17 38	2 28	9 28	1 35	22 45	0 28	9 27	1 4	19 15	0 21	7 17	0 23	15 54	4 15	15 59	15 33	14 35	2 53	5 41
W29	23 2	16 41	0 19	20 31	2 35	17 35	2 36	9 39	1 35	22 45	0 28	9 28	1 4	19 16	0 21	7 17	0 23	15 54	4 15	16 0	15 34	14 34	2 52	5 41
T 30	22 59	13 24	1n 1	20 24	2 41	17 32	2 43	9 51	1 36	22 45	0 28	9 29	1 4	19 16	0 21	7 16	0 23	15 55	4 15	15 59	15 35	14 32	2 52	5 41
F 31	22s55	9n20	2n16	20s20	2n44	17s29	2n50	10s 2	1n36	22s45	0n28	9n29	1n 4	19s17	0n21	7s16	0s23	15n55	4s15	15n59	15n35	14s31	2s51	5n40

Julian Day Number = 3056355.5, Delta T = 02h29m13s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'17, Lahiri = 47°04'17

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

JANUARY 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 16	10♑ 7'22	25♍37	23°R15	1♐53	1♏ 0	1♑47	7°R59	28♏26	12♓15	29°R30	15♌44	16♌59	21♒56	9♓ 3	S 1
S 2	6 48 13	11° 8'09	9♎34	23°D15	2°20	1°33	2° 1	7♍58	28°29	12°17	29♋29	15°R44	16°55	22° 3	9° 6	S 2
M 3	6 52 9	12° 8'58	23°13	23♐24	2°48	2° 5	2°14	7°56	28°32	12°18	29°28	15°44	16°52	22° 9	9° 9	M 3
T 4	6 56 6	13° 9'48	6♏36	23°43	3°18	2°38	2°27	7°54	28°35	12°19	29°27	15°42	16°49	22°16	9°11	T 4
W 5	7 0 2	14°10'40	19°42	24°10	3°50	3°10	2°40	7°52	28°38	12°21	29°26	15°38	16°46	22°22	9°14	W 5
T 6	7 3 59	15°11'33	2♐34	24°45	4°23	3°42	2°54	7°50	28°41	12°22	29°24	15°33	16°43	22°29	9°17	T 6
F 7	7 7 55	16°12'26	15°14	25°27	4°57	4°14	3° 7	7°48	28°43	12°24	29°23	15°28	16°40	22°36	9°20	F 7
S 8	7 11 52	17°13'21	27°41	26°14	5°33	4°46	3°20	7°46	28°46	12°25	29°22	15°23	16°36	22°42	9°23	S 8
S 9	7 15 49	18°14'17	9♑57	27° 7	6°11	5°18	3°33	7°44	28°49	12°27	29°21	15°19	16°33	22°49	9°26	S 9
M10	7 19 45	19°15'14	22° 3	28° 5	6°49	5°50	3°46	7°42	28°52	12°28	29°20	15°15	16°30	22°56	9°29	M10
T 11	7 23 42	20°16'11	4♒ 1	29° 6	7°29	6°21	3°59	7°39	28°55	12°30	29°19	15°13	16°27	23° 2	9°32	T 11
W12	7 27 38	21°17'09	15°52	0♑12	8°10	6°53	4°13	7°37	28°57	12°31	29°17	15°D13	16°24	23° 9	9°35	W12
T 13	7 31 35	22°18'08	27°40	1°20	8°52	7°24	4°26	7°34	29° 0	12°33	29°16	15°13	16°21	23°16	9°39	T 13
F 14	7 35 31	23°19'07	9♓26	2°31	9°35	7°56	4°39	7°31	29° 2	12°34	29°15	15°15	16°17	23°22	9°42	F 14
S 15	7 39 28	24°20'06	21°14	3°44	10°19	8°27	4°52	7°29	29° 5	12°36	29°14	15°17	16°14	23°29	9°45	S 15
S 16	7 43 25	25°21'06	3♈10	5° 0	11° 5	8°58	5° 5	7°26	29° 8	12°38	29°12	15°18	16°11	23°36	9°48	S 16
M17	7 47 21	26°22'06	15°16	6°17	11°51	9°29	5°18	7°23	29°10	12°39	29°11	15°19	16° 8	23°42	9°52	M17
T 18	7 51 18	27°23'07	27°39	7°36	12°38	9°59	5°31	7°20	29°12	12°41	29°10	15°R20	16° 5	23°49	9°55	T 18
W19	7 55 14	28°24'07	10♉22	8°57	13°26	10°30	5°43	7°16	29°15	12°43	29° 9	15°19	16° 1	23°55	9°59	W19
T 20	7 59 11	29°25'08	23°30	10°18	14°15	11° 0	5°56	7°13	29°17	12°45	29° 8	15°18	15°58	24° 2	10° 2	T 20
F 21	8 3 7	0♒26'09	7♊ 4	11°41	15° 5	11°31	6° 9	7°10	29°19	12°46	29° 6	15°16	15°55	24° 9	10° 6	F 21
S 22	8 7 4	1°27'10	21° 7	13° 5	15°55	12° 1	6°22	7° 6	29°22	12°48	29° 5	15°15	15°52	24°15	10° 9	S 22
S 23	8 11 0	2°28'12	5♋36	14°29	16°47	12°31	6°35	7° 3	29°24	12°50	29° 4	15°13	15°49	24°22	10°13	S 23
M24	8 14 57	3°29'14	20°27	15°55	17°39	13° 1	6°47	6°59	29°26	12°52	29° 3	15°11	15°46	24°29	10°16	M24
T 25	8 18 54	4°30'15	5♌32	17°21	18°32	13°30	7° 0	6°55	29°28	12°54	29° 2	15°11	15°42	24°35	10°20	T 25
W26	8 22 50	5°31'17	20°42	18°48	19°25	14° 0	7°12	6°52	29°30	12°56	29° 0	15°D11	15°39	24°42	10°24	W26
T 27	8 26 47	6°32'20	5♍48	20°15	20°19	14°29	7°25	6°48	29°32	12°58	28°59	15°11	15°36	24°49	10°27	T 27
F 28	8 30 43	7°33'22	20°42	21°43	21°14	14°59	7°37	6°44	29°34	12°59	28°58	15°12	15°33	24°55	10°31	F 28
S 29	8 34 40	8°34'25	5♎16	23°12	22° 9	15°28	7°50	6°40	29°36	13° 1	28°57	15°12	15°30	25° 2	10°35	S 29
S 30	8 38 36	9°35'28	19°27	24°41	23° 6	15°57	8° 2	6°36	29°38	13° 3	28°56	15°13	15°27	25° 9	10°38	S 30
M31	8 42 33	10♒36'32	3♏14	26♑10	24♐ 2	16♏25	8♑15	6♍32	29♏40	13♓ 5	28♋54	15♌13	15♌23	25♒15	10♓42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s51	4n48	3n21	20s17	2n46	17s28	2n57	10s13	1n36	22s45	0n28	9n30	1n 4	19s18	0n21	7s15	0s23	15n55	4s15	15n59	15n36	14s30	2s51	5n40
S 2	22 46	0 7	4 13	20 17	2 46	17 27	3 3	10 24	1 36	22 44	0 28	9 31	1 5	19 18	0 21	7 15	0 23	15 55	4 14	15 58	15 37	14 28	2 50	5 39
M 3	22 40	4s28	4 49	20 19	2 45	17 26	3 9	10 35	1 36	22 44	0 28	9 31	1 5	19 19	0 21	7 14	0 23	15 56	4 14	15 59	15 38	14 27	2 49	5 39
T 4	22 35	8 43	5 9	20 23	2 42	17 27	3 14	10 46	1 37	22 44	0 28	9 32	1 5	19 20	0 21	7 14	0 23	15 56	4 14	15 59	15 39	14 26	2 49	5 39
W 5	22 29	12 29	5 12	20 28	2 38	17 28	3 20	10 56	1 37	22 44	0 28	9 33	1 5	19 20	0 21	7 13	0 23	15 56	4 14	16 0	15 40	14 24	2 48	5 38
T 6	22 22	15 36	4 59	20 34	2 33	17 29	3 24	11 7	1 37	22 44	0 28	9 34	1 5	19 21	0 21	7 13	0 23	15 56	4 14	16 2	15 41	14 23	2 47	5 38
F 7	22 15	17 54	4 32	20 42	2 27	17 31	3 29	11 18	1 37	22 43	0 28	9 35	1 6	19 22	0 21	7 12	0 23	15 57	4 14	16 3	15 42	14 22	2 46	5 38
S 8	22 8	19 20	3 52	20 49	2 21	17 33	3 33	11 28	1 37	22 43	0 28	9 36	1 6	19 22	0 21	7 12	0 23	15 57	4 14	16 5	15 43	14 21	2 46	5 37
S 9	22 0	19 50	3 2	20 57	2 14	17 35	3 37	11 38	1 37	22 43	0 28	9 37	1 6	19 23	0 21	7 11	0 23	15 57	4 14	16 6	15 44	14 19	2 45	5 37
M10	21 51	19 24	2 4	21 6	2 7	17 38	3 40	11 49	1 37	22 43	0 28	9 38	1 6	19 23	0 21	7 10	0 23	15 58	4 14	16 7	15 45	14 18	2 44	5 37
T 11	21 43	18 5	1 1	21 14	1 59	17 41	3 43	11 59	1 38	22 42	0 28	9 39	1 6	19 24	0 21	7 10	0 23	15 58	4 14	16 8	15 46	14 17	2 43	5 36
W12	21 33	16 0	0s 4	21 22	1 51	17 45	3 46	12 9	1 38	22 42	0 28	9 40	1 7	19 25	0 21	7 9	0 23	15 58	4 14	16 8	15 47	14 15	2 42	5 36
T 13	21 24	13 15	1 8	21 30	1 43	17 49	3 49	12 19	1 38	22 42	0 27	9 41	1 7	19 25	0 21	7 9	0 23	15 58	4 14	16 8	15 48	14 14	2 41	5 36
F 14	21 14	9 58	2 10	21 37	1 35	17 53	3 51	12 29	1 38	22 41	0 27	9 42	1 7	19 26	0 21	7 8	0 23	15 59	4 14	16 7	15 49	14 13	2 40	5 35
S 15	21 3	6 18	3 6	21 44	1 27	17 57	3 53	12 38	1 38	22 41	0 27	9 44	1 7	19 26	0 21	7 7	0 23	15 59	4 14	16 7	15 50	14 11	2 40	5 35
S 16	20 53	2 21	3 55	21 50	1 18	18 2	3 55	12 48	1 38	22 40	0 27	9 45	1 7	19 27	0 21	7 7	0 23	15 59	4 14	16 6	15 51	14 10	2 39	5 35
M17	20 41	1n44	4 34	21 55	1 10	18 6	3 56	12 58	1 38	22 40	0 27	9 46	1 7	19 27	0 21	7 6	0 23	16 0	4 14	16 6	15 52	14 8	2 38	5 35
T 18	20 30	5 50	5 2	21 59	1 1	18 11	3 58	13 7	1 39	22 39	0 27	9 47	1 8	19 28	0 21	7 6	0 23	16 0	4 14	16 6	15 53	14 7	2 37	5 34
W19	20 18	9 47	5 16	22 3	0 53	18 16	3 59	13 16	1 39	22 39	0 27	9 49	1 8	19 28	0 21	7 5	0 23	16 0	4 14	16 6	15 53	14 6	2 36	5 34
T 20	20 5	13 25	5 14	22 5	0 44	18 20	3 59	13 26	1 39	22 38	0 27	9 50	1 8	19 29	0 21	7 4	0 23	16 0	4 14	16 6	15 54	14 4	2 35	5 34
F 21	19 53	16 27	4 54	22 7	0 36	18 25	4 0	13 35	1 39	22 38	0 27	9 52	1 8	19 29	0 21	7 4	0 23	16 1	4 14	16 7	15 55	14 3	2 34	5 33
S 22	19 39	18 39	4 17	22 8	0 28	18 30	4 0	13 44	1 39	22 37	0 27	9 53	1 8	19 30	0 21	7 3	0 23	16 1	4 14	16 7	15 56	14 2	2 33	5 33
S 23	19 26	19 44	3 23	22 7	0 20	18 35	4 1	13 53	1 39	22 37	0 27	9 54	1 8	19 30	0 21	7 2	0 23	16 1	4 14	16 8	15 57	14 0	2 31	5 33
M24	19 12	19 29	2 13	22 5	0 12	18 40	4 1	14 1	1 39	22 36	0 27	9 56	1 9	19 31	0 21	7 1	0 23	16 2	4 14	16 8	15 58	13 59	2 30	5 33
T 25	18 58	17 51	0 53	22 3	0 4	18 44	4 0	14 10	1 39	22 36	0 27	9 57	1 9	19 31	0 21	7 1	0 23	16 2	4 14	16 8	15 59	13 58	2 29	5 32
W26	18 43	14 57	0n31	21 59	0s 4	18 49	4 0	14 19	1 40	22 35	0 27	9 59	1 9	19 31	0 21	7 0	0 23	16 2	4 13	16 8	16 0	13 56	2 28	5 32
T 27	18 28	11 3	1 52	21 54	0 11	18 54	3 59	14 27	1 40	22 34	0 27	10 1	1 9	19 32	0 21	6 59	0 23	16 2	4 13	16 8	16 1	13 55	2 27	5 32
F 28	18 13	6 30	3 5	21 48	0 19	18 58	3 59	14 36	1 40	22 34	0 27	10 2	1 9	19 32	0 21	6 59	0 23	16 3	4 13	16 8	16 2	13 53	2 26	5 32
S 29	17 57	1 40	4 4	21 41	0 26	19 2	3 58	14 44	1 40	22 33	0 27	10 4	1 9	19 33	0 21	6 58	0 23	16 3	4 13	16 8	16 3	13 52	2 25	5 31
S 30	17 41	3s 7	4 47	21 32	0 33	19 7	3 57	14 52	1 40	22 32	0 27	10 5	1 10	19 33	0 21	6 57	0 23	16 3	4 13	16 8	16 4	13 51	2 24	5 31
M31	17s25	7s36	5n11	21s23	0s40	19s10	3n55	15s 0	1n40	22s32	0n27	10n 7	1n10	19s33	0n21	6s56	0s23	16n 4	4s13	16n 8	16n 5	13s49	2s22	5n31

Julian Day Number = 3056386.5, Delta T = 02h29m14s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'21, Lahiri = 47°04'21

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

FEBRUARY 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 46 29	11♒37'36	16♏36	27♉41	24♐59	16♏54	8♉27	6°R28	29♏42	13♓ 7	28°R53	15°R13	15♌20	25♒22	10♓46	T 1
W 2	8 50 26	12°38'40	29°37	29°11	25°57	17°22	8°39	6♍23	29°43	13° 9	28♋52	15♌13	15°17	25°29	10°50	W 2
T 3	8 54 23	13°39'45	12♐18	0♒42	26°55	17°51	8°51	6°19	29°45	13°11	28°51	15°13	15°14	25°35	10°54	T 3
F 4	8 58 19	14°40'50	24°43	2°14	27°54	18°19	9° 3	6°15	29°47	13°13	28°50	15°D13	15°11	25°42	10°58	F 4
S 5	9 2 16	15°41'55	6♉56	3°45	28°53	18°46	9°15	6°10	29°48	13°15	28°48	15°13	15° 7	25°48	11° 2	S 5
S 6	9 6 12	16°43'00	18°58	5°18	29°53	19°14	9°27	6° 6	29°50	13°18	28°47	15°13	15° 4	25°55	11° 6	S 6
M 7	9 10 9	17°44'04	0♒53	6°51	0♉53	19°41	9°39	6° 1	29°51	13°20	28°46	15°13	15° 1	26° 2	11°10	M 7
T 8	9 14 5	18°45'09	12°44	8°24	1°53	20° 9	9°51	5°57	29°53	13°22	28°45	15°R13	14°58	26° 8	11°14	T 8
W 9	9 18 2	19°46'14	24°32	9°58	2°54	20°36	10° 3	5°52	29°54	13°24	28°44	15°13	14°55	26°15	11°18	W 9
T 10	9 21 58	20°47'18	6♓19	11°32	3°56	21° 2	10°15	5°48	29°55	13°26	28°43	15°13	14°52	26°22	11°22	T 10
F 11	9 25 55	21°48'21	18° 8	13° 7	4°57	21°29	10°26	5°43	29°57	13°28	28°42	15°12	14°48	26°28	11°26	F 11
S 12	9 29 52	22°49'24	0♈ 1	14°42	5°59	21°55	10°38	5°38	29°58	13°30	28°41	15°11	14°45	26°35	11°30	S 12
S 13	9 33 48	23°50'27	12° 1	16°18	7° 2	22°21	10°49	5°34	29°59	13°32	28°39	15°10	14°42	26°42	11°34	S 13
M14	9 37 45	24°51'29	24°10	17°54	8° 4	22°47	11° 1	5°29	29°59	13°35	28°38	15° 9	14°39	26°48	11°38	M14
T 15	9 41 41	25°52'30	6♉33	19°31	9° 7	23°13	11°12	5°24	0♐ 1	13°37	28°37	15° 8	14°36	26°55	11°42	T 15
W16	9 45 38	26°53'30	19°12	21° 8	10°11	23°38	11°23	5°19	0° 2	13°39	28°36	15° 7	14°33	27° 2	11°46	W16
T 17	9 49 34	27°54'30	2♊12	22°46	11°14	24° 3	11°35	5°14	0° 3	13°41	28°35	15°D 7	14°29	27° 8	11°50	T 17
F 18	9 53 31	28°55'29	15°36	24°24	12°18	24°28	11°46	5° 9	0° 4	13°43	28°34	15° 7	14°26	27°15	11°55	F 18
S 19	9 57 27	29°56'27	29°25	26° 3	13°22	24°53	11°57	5° 5	0° 5	13°46	28°33	15° 8	14°23	27°22	11°59	S 19
S 20	10 1 24	0♓57'24	13♋41	27°43	14°27	25°17	12° 8	5° 0	0° 5	13°48	28°32	15°10	14°20	27°28	12° 3	S 20
M21	10 5 21	1°58'20	28°21	29°23	15°32	25°41	12°19	4°55	0° 6	13°50	28°31	15°11	14°17	27°35	12° 7	M21
T 22	10 9 17	2°59'15	13♌21	1♓ 4	16°37	26° 5	12°29	4°50	0° 7	13°52	28°30	15°R11	14°13	27°41	12°11	T 22
W23	10 13 14	4° 0'10	28°34	2°46	17°42	26°29	12°40	4°45	0° 7	13°55	28°29	15°11	14°10	27°48	12°16	W23
T 24	10 17 10	5° 1'03	13♍49	4°28	18°47	26°52	12°51	4°40	0° 8	13°57	28°28	15° 9	14° 7	27°55	12°20	T 24
F 25	10 21 7	6° 1'56	28°57	6°11	19°53	27°15	13° 1	4°35	0° 8	13°59	28°27	15° 7	14° 4	28° 1	12°24	F 25
S 26	10 25 3	7° 2'48	13♎48	7°55	20°59	27°38	13°11	4°30	0° 9	14° 1	28°26	15° 4	14° 1	28° 8	12°28	S 26
S 27	10 29 0	8° 3'39	28°16	9°39	22° 5	28° 0	13°22	4°25	0° 9	14° 4	28°25	15° 1	13°58	28°15	12°32	S 27
M28	10 32 56	9° 4'29	12♏16	11°24	23°12	28°22	13°32	4°20	0° 9	14° 6	28°25	14°58	13°54	28°21	12°37	M28
T 29	10 36 53	10♓ 5'19	25♏48	13♓ 9	24♉19	28♏44	13♉42	4♍16	0♐10	14♓ 8	28♋24	14♌56	13♌51	28♒28	12♓41	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	11s34	5n18	21s12	0s47	19s14	3n54	15s 8	1n40	22s31	0n27	10n 9	1n10	19s34	0n21	6s56	0s23	16n 4	4s13	16n 8	16n 6	13s48	2s21	5n31
W 2	16 52	14 52	5 8	21 0	0 53	19 18	3 52	15 16	1 40	22 30	0 27	10 10	1 10	19 34	0 21	6 55	0 23	16 4	4 13	16 8	16 6	13 46	2 20	5 30
T 3	16 34	17 23	4 43	20 47	0 59	19 21	3 51	15 23	1 40	22 29	0 27	10 12	1 10	19 35	0 21	6 54	0 23	16 5	4 13	16 8	16 7	13 45	2 19	5 30
F 4	16 17	19 2	4 6	20 33	1 5	19 24	3 49	15 31	1 40	22 29	0 26	10 14	1 10	19 35	0 21	6 53	0 23	16 5	4 13	16 8	16 8	13 44	2 17	5 30
S 5	15 59	19 45	3 17	20 17	1 11	19 27	3 47	15 38	1 41	22 28	0 26	10 16	1 11	19 35	0 21	6 52	0 23	16 5	4 13	16 8	16 9	13 42	2 16	5 30
S 6	15 41	19 34	2 21	20 1	1 17	19 29	3 44	15 46	1 41	22 27	0 26	10 17	1 11	19 36	0 21	6 52	0 23	16 6	4 13	16 8	16 10	13 41	2 15	5 30
M 7	15 23	18 30	1 19	19 43	1 22	19 31	3 42	15 53	1 41	22 26	0 26	10 19	1 11	19 36	0 21	6 51	0 23	16 6	4 13	16 8	16 11	13 39	2 14	5 29
T 8	15 4	16 37	0 14	19 24	1 27	19 33	3 40	16 0	1 41	22 25	0 26	10 21	1 11	19 36	0 21	6 50	0 23	16 6	4 12	16 8	16 12	13 38	2 12	5 29
W 9	14 45	14 2	0s52	19 4	1 32	19 34	3 37	16 7	1 41	22 25	0 26	10 23	1 11	19 36	0 21	6 49	0 23	16 7	4 12	16 8	16 13	13 37	2 11	5 29
T 10	14 26	10 54	1 55	18 43	1 36	19 35	3 35	16 14	1 41	22 24	0 26	10 25	1 11	19 37	0 21	6 49	0 23	16 7	4 12	16 8	16 14	13 35	2 10	5 29
F 11	14 7	7 19	2 53	18 20	1 41	19 36	3 32	16 21	1 41	22 23	0 26	10 26	1 11	19 37	0 21	6 48	0 23	16 7	4 12	16 8	16 15	13 34	2 8	5 29
S 12	13 47	3 26	3 44	17 57	1 45	19 37	3 29	16 27	1 41	22 22	0 26	10 28	1 11	19 37	0 21	6 47	0 23	16 7	4 12	16 8	16 16	13 32	2 7	5 29
S 13	13 27	0n37	4 26	17 32	1 48	19 37	3 26	16 34	1 41	22 21	0 26	10 30	1 12	19 37	0 21	6 46	0 23	16 8	4 12	16 9	16 17	13 31	2 5	5 28
M14	13 7	4 41	4 56	17 6	1 52	19 36	3 23	16 40	1 41	22 20	0 26	10 32	1 12	19 38	0 21	6 45	0 23	16 8	4 12	16 9	16 18	13 29	2 4	5 28
T 15	12 47	8 38	5 14	16 39	1 55	19 35	3 20	16 47	1 41	22 19	0 26	10 34	1 12	19 38	0 21	6 44	0 23	16 8	4 12	16 9	16 18	13 28	2 3	5 28
W16	12 26	12 17	5 17	16 11	1 58	19 34	3 17	16 53	1 41	22 19	0 26	10 36	1 12	19 38	0 21	6 44	0 23	16 9	4 12	16 9	16 19	13 27	2 1	5 28
T 17	12 6	15 27	5 3	15 42	2 0	19 33	3 13	16 59	1 41	22 18	0 26	10 38	1 12	19 38	0 21	6 43	0 23	16 9	4 12	16 9	16 20	13 25	2 0	5 28
F 18	11 45	17 55	4 34	15 11	2 2	19 30	3 10	17 5	1 41	22 17	0 26	10 39	1 12	19 38	0 21	6 42	0 23	16 9	4 11	16 9	16 21	13 24	1 58	5 28
S 19	11 24	19 26	3 47	14 40	2 4	19 28	3 6	17 11	1 41	22 16	0 26	10 41	1 12	19 39	0 21	6 41	0 23	16 10	4 11	16 9	16 22	13 22	1 57	5 27
S 20	11 2	19 47	2 46	14 7	2 5	19 25	3 3	17 17	1 41	22 15	0 26	10 43	1 12	19 39	0 21	6 40	0 23	16 10	4 11	16 9	16 23	13 21	1 56	5 27
M21	10 41	18 48	1 32	13 33	2 6	19 22	2 59	17 22	1 41	22 14	0 26	10 45	1 13	19 39	0 21	6 39	0 23	16 10	4 11	16 8	16 24	13 19	1 54	5 27
T 22	10 19	16 30	0 10	12 59	2 7	19 18	2 56	17 28	1 41	22 13	0 26	10 47	1 13	19 39	0 21	6 39	0 23	16 10	4 11	16 8	16 25	13 18	1 53	5 27
W23	9 57	13 1	1n13	12 23	2 7	19 14	2 52	17 33	1 41	22 12	0 26	10 49	1 13	19 39	0 21	6 38	0 23	16 11	4 11	16 8	16 26	13 16	1 51	5 27
T 24	9 35	8 39	2 32	11 46	2 7	19 9	2 48	17 39	1 41	22 11	0 26	10 51	1 13	19 39	0 21	6 37	0 23	16 11	4 11	16 9	16 27	13 15	1 50	5 27
F 25	9 13	3 46	3 39	11 7	2 7	19 4	2 44	17 44	1 41	22 10	0 26	10 53	1 13	19 39	0 21	6 36	0 23	16 11	4 11	16 9	16 28	13 13	1 48	5 27
S 26	8 51	1s15	4 30	10 28	2 5	18 58	2 40	17 49	1 41	22 9	0 26	10 54	1 13	19 39	0 21	6 35	0 23	16 12	4 11	16 10	16 29	13 12	1 47	5 27
S 27	8 28	6 3	5 2	9 48	2 4	18 52	2 36	17 54	1 41	22 8	0 26	10 56	1 13	19 39	0 21	6 34	0 23	16 12	4 10	16 11	16 29	13 10	1 45	5 27
M28	8 6	10 22	5 15	9 7	2 2	18 45	2 32	17 59	1 41	22 7	0 26	10 58	1 13	19 39	0 21	6 33	0 23	16 12	4 10	16 12	16 30	13 9	1 44	5 27
T 29	7s43	14s 1	5n10	8s24	2s 0	18s38	2n28	18s 4	1n40	22s 6	0n26	11n 0	1n13	19s39	0n21	6s33	0s23	16n13	4s10	16n13	16n31	13s 7	1s42	5n26

Julian Day Number = 3056417.5, Delta T = 02h29m15s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'25, Lahiri = 47°04'26

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

MARCH 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 40 49	11♓ 6'09	8♐53	14♓55	25♑25	29♏ 5	13♑52	4°R11	0♐10	14♓10	28°R23	14°D55	13♌48	28♒35	12♓45	W 1
T 2	10 44 46	12° 6'57	21°33	16°42	26°32	29°26	14° 2	4♍ 6	0°10	14°13	28♋22	14♌56	13°45	28°41	12°49	T 2
F 3	10 48 43	13° 7'45	3♑54	18°29	27°40	29°47	14°12	4° 1	0°10	14°15	28°21	14°57	13°42	28°48	12°54	F 3
S 4	10 52 39	14° 8'32	16° 0	20°17	28°47	0♐ 8	14°21	3°56	0°R10	14°17	28°20	14°59	13°39	28°55	12°58	S 4
S 5	10 56 36	15° 9'18	27°55	22° 5	29°55	0°28	14°31	3°51	0°10	14°20	28°20	15° 0	13°35	29° 1	13° 2	S 5
M 6	11 0 32	16°10'04	9♒44	23°53	1♒ 2	0°47	14°40	3°47	0°10	14°22	28°19	15°R 2	13°32	29° 8	13° 6	M 6
T 7	11 4 29	17°10'48	21°30	25°42	2°10	1° 7	14°50	3°42	0°10	14°24	28°18	15° 1	13°29	29°15	13°11	T 7
W 8	11 8 25	18°11'31	3♓17	27°31	3°18	1°25	14°59	3°37	0°10	14°26	28°17	15° 0	13°26	29°21	13°15	W 8
T 9	11 12 22	19°12'13	15° 7	29°19	4°27	1°44	15° 8	3°33	0°10	14°29	28°17	14°56	13°23	29°28	13°19	T 9
F 10	11 16 18	20°12'53	27° 2	1♈ 7	5°35	2° 2	15°17	3°28	0° 9	14°31	28°16	14°51	13°19	29°35	13°23	F 10
S 11	11 20 15	21°13'33	9♈ 4	2°55	6°44	2°20	15°26	3°23	0° 9	14°33	28°15	14°45	13°16	29°41	13°27	S 11
S 12	11 24 12	22°14'11	21°14	4°42	7°52	2°37	15°35	3°19	0° 9	14°36	28°15	14°38	13°13	29°48	13°32	S 12
M13	11 28 8	23°14'47	3♉34	6°28	9° 1	2°54	15°44	3°14	0° 8	14°38	28°14	14°30	13°10	29°54	13°36	M13
T 14	11 32 5	24°15'22	16° 5	8°12	10°10	3°10	15°52	3°10	0° 8	14°40	28°13	14°24	13° 7	0♓ 1	13°40	T 14
W15	11 36 1	25°15'56	28°50	9°54	11°19	3°26	16° 0	3° 6	0° 7	14°42	28°13	14°19	13° 4	0° 8	13°44	W15
T 16	11 39 58	26°16'27	11♊50	11°34	12°28	3°42	16° 9	3° 1	0° 6	14°45	28°12	14°16	13° 0	0°14	13°48	T 16
F 17	11 43 54	27°16'58	25° 8	13°12	13°37	3°57	16°17	2°57	0° 6	14°47	28°12	14°D15	12°57	0°21	13°52	F 17
S 18	11 47 51	28°17'26	8♋46	14°45	14°47	4°11	16°25	2°53	0° 5	14°49	28°11	14°16	12°54	0°28	13°57	S 18
S 19	11 51 47	29°17'53	22°45	16°15	15°56	4°25	16°33	2°49	0° 4	14°51	28°11	14°17	12°51	0°34	14° 1	S 19
M20	11 55 44	0♈18'18	7♌ 6	17°40	17° 6	4°39	16°41	2°45	0° 3	14°53	28°10	14°R18	12°48	0°41	14° 5	M20
T 21	11 59 41	1°18'41	21°47	19° 0	18°16	4°52	16°48	2°41	0° 2	14°56	28°10	14°18	12°44	0°48	14° 9	T 21
W22	12 3 37	2°19'02	6♍43	20°14	19°25	5° 5	16°56	2°37	0° 2	14°58	28° 9	14°16	12°41	0°54	14°13	W22
T 23	12 7 34	3°19'21	21°48	21°22	20°35	5°17	17° 3	2°33	0° 1	15° 0	28° 9	14°12	12°38	1° 1	14°17	T 23
F 24	12 11 30	4°19'39	6♎51	22°22	21°45	5°28	17°10	2°29	29♏59	15° 2	28° 8	14° 5	12°35	1° 8	14°21	F 24
S 25	12 15 27	5°19'55	21°44	23°15	22°55	5°39	17°17	2°25	29°58	15° 4	28° 8	13°57	12°32	1°14	14°25	S 25
S 26	12 19 23	6°20'10	6♏19	24° 0	24° 6	5°50	17°24	2°22	29°57	15° 7	28° 8	13°49	12°29	1°21	14°29	S 26
M27	12 23 20	7°20'23	20°27	24°36	25°16	5°59	17°31	2°18	29°56	15° 9	28° 7	13°41	12°25	1°28	14°33	M27
T 28	12 27 16	8°20'35	4♐ 8	25° 2	26°26	6° 9	17°37	2°14	29°55	15°11	28° 7	13°34	12°22	1°34	14°37	T 28
W29	12 31 13	9°20'46	17°20	25°20	27°37	6°17	17°44	2°11	29°54	15°13	28° 7	13°29	12°19	1°41	14°41	W29
T 30	12 35 9	10°20'55	0♑ 5	25°R28	28°47	6°25	17°50	2° 8	29°52	15°15	28° 6	13°27	12°16	1°48	14°45	T 30
F 31	12 39 6	11♈21'02	12♑28	25♈27	29♒58	6♐33	17♑56	2♍ 4	29♏51	15♓17	28♋ 6	13°D26	12♌13	1♓54	14♓49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	7s20	16s50	4n48	7s41	1s57	18s30	2n24	18s 8	1n40	22s 5	0n26	11n 2	1n13	19s40	0n21	6s32	0s23	16n13	4s10	16n13	16n32	13s 6	1s41	5n26	W 1
T 2	6 57	18 45	4 13	6 57	1 53	18 22	2 20	18 13	1 40	22 4	0 26	11 4	1 13	19 40	0 21	6 31	0 23	16 13	4 10	16 13	16 33	13 4	1 39	5 26	T 2
F 3	6 34	19 43	3 27	6 12	1 49	18 14	2 16	18 18	1 40	22 3	0 26	11 5	1 13	19 40	0 21	6 30	0 23	16 13	4 10	16 12	16 34	13 3	1 38	5 26	F 3
S 4	6 11	19 45	2 33	5 25	1 45	18 4	2 11	18 22	1 40	22 2	0 26	11 7	1 14	19 40	0 21	6 29	0 23	16 14	4 10	16 12	16 35	13 1	1 36	5 26	S 4
S 5	5 48	18 53	1 33	4 39	1 40	17 55	2 7	18 26	1 40	22 1	0 26	11 9	1 14	19 40	0 21	6 28	0 23	16 14	4 10	16 11	16 36	13 0	1 35	5 26	S 5
M 6	5 25	17 11	0 29	3 51	1 34	17 45	2 3	18 30	1 40	22 0	0 26	11 11	1 14	19 40	0 21	6 27	0 23	16 14	4 9	16 11	16 37	12 58	1 33	5 26	M 6
T 7	5 1	14 46	0s35	3 2	1 28	17 34	1 59	18 34	1 40	21 59	0 26	11 13	1 14	19 39	0 21	6 27	0 23	16 15	4 9	16 11	16 38	12 57	1 31	5 26	T 7
W 8	4 38	11 44	1 38	2 13	1 21	17 23	1 54	18 38	1 39	21 58	0 25	11 14	1 14	19 39	0 21	6 26	0 23	16 15	4 9	16 12	16 38	12 55	1 30	5 26	W 8
T 9	4 14	8 14	2 37	1 23	1 13	17 12	1 50	18 42	1 39	21 57	0 25	11 16	1 14	19 39	0 21	6 25	0 23	16 15	4 9	16 13	16 39	12 54	1 28	5 26	T 9
F 10	3 51	4 23	3 29	0 33	1 5	17 0	1 46	18 46	1 39	21 56	0 25	11 18	1 14	19 39	0 21	6 24	0 23	16 15	4 9	16 14	16 40	12 52	1 27	5 26	F 10
S 11	3 27	0 19	4 13	0n17	0 56	16 47	1 41	18 50	1 39	21 55	0 25	11 19	1 14	19 39	0 21	6 23	0 23	16 16	4 9	16 16	16 41	12 51	1 25	5 26	S 11
S 12	3 3	3n48	4 45	1 8	0 47	16 35	1 37	18 53	1 39	21 54	0 25	11 21	1 14	19 39	0 21	6 22	0 23	16 16	4 9	16 18	16 42	12 49	1 24	5 26	S 12
M13	2 39	7 48	5 5	1 59	0 37	16 21	1 32	18 57	1 38	21 53	0 25	11 23	1 14	19 39	0 21	6 21	0 23	16 16	4 9	16 20	16 43	12 48	1 22	5 26	M13
T 14	2 16	11 33	5 10	2 50	0 26	16 7	1 28	19 0	1 38	21 52	0 25	11 24	1 14	19 39	0 21	6 21	0 23	16 16	4 8	16 22	16 44	12 46	1 20	5 26	T 14
W15	1 52	14 50	5 0	3 40	0 15	15 53	1 24	19 3	1 38	21 51	0 25	11 26	1 14	19 39	0 21	6 20	0 23	16 17	4 8	16 23	16 45	12 45	1 19	5 26	W15
T 16	1 28	17 27	4 35	4 30	0 3	15 38	1 19	19 6	1 37	21 50	0 25	11 28	1 14	19 39	0 21	6 19	0 23	16 17	4 8	16 24	16 46	12 43	1 17	5 26	T 16
F 17	1 4	19 13	3 55	5 19	0n10	15 23	1 15	19 9	1 37	21 49	0 25	11 29	1 14	19 38	0 21	6 18	0 23	16 17	4 8	16 24	16 47	12 42	1 16	5 26	F 17
S 18	0 40	19 56	3 1	6 7	0 23	15 8	1 11	19 12	1 37	21 48	0 25	11 31	1 14	19 38	0 21	6 17	0 23	16 17	4 8	16 24	16 47	12 40	1 14	5 26	S 18
S 19	0 17	19 27	1 54	6 53	0 36	14 52	1 6	19 15	1 36	21 48	0 25	11 32	1 14	19 38	0 21	6 16	0 23	16 18	4 8	16 24	16 48	12 39	1 13	5 26	S 19
M20	0n 7	17 42	0 39	7 38	0 50	14 35	1 2	19 18	1 36	21 47	0 25	11 34	1 14	19 38	0 21	6 15	0 23	16 18	4 8	16 24	16 49	12 37	1 11	5 26	M20
T 21	0 31	14 45	0n40	8 22	1 4	14 18	0 58	19 21	1 36	21 46	0 25	11 35	1 14	19 38	0 21	6 15	0 23	16 18	4 7	16 24	16 50	12 35	1 9	5 26	T 21
W22	0 55	10 48	1 58	9 2	1 18	14 1	0 53	19 23	1 35	21 45	0 25	11 37	1 14	19 38	0 21	6 14	0 23	16 18	4 7	16 24	16 51	12 34	1 8	5 26	W22
T 23	1 19	6 7	3 8	9 41	1 32	13 43	0 49	19 26	1 35	21 44	0 25	11 38	1 14	19 37	0 21	6 13	0 23	16 18	4 7	16 25	16 52	12 32	1 6	5 26	T 23
F 24	1 42	1 4	4 5	10 16	1 46	13 25	0 45	19 28	1 34	21 43	0 25	11 39	1 14	19 37	0 21	6 12	0 23	16 19	4 7	16 27	16 53	12 31	1 5	5 26	F 24
S 25	2 6	4s 0	4 44	10 49	2 0	13 7	0 41	19 31	1 34	21 42	0 25	11 41	1 14	19 37	0 21	6 11	0 23	16 19	4 7	16 30	16 54	12 29	1 3	5 26	S 25
S 26	2 30	8 42	5 4	11 18	2 13	12 48	0 36	19 33	1 34	21 41	0 25	11 42	1 14	19 37	0 21	6 10	0 23	16 19	4 7	16 32	16 55	12 28	1 2	5 26	S 26
M27	2 53	12 48	5 5	11 43	2 26	12 29	0 32	19 35	1 33	21 40	0 25	11 43	1 14	19 36	0 21	6 10	0 23	16 19	4 7	16 34	16 55	12 26	1 0	5 26	M27
T 28	3 17	16 4	4 47	12 4	2 38	12 9	0 28	19 37	1 32	21 40	0 25	11 44	1 14	19 36	0 21	6 9	0 23	16 20	4 6	16 36	16 56	12 24	0 58	5 26	T 28
W29	3 40	18 23	4 15	12 21	2 49	11 49	0 24	19 39	1 32	21 39	0 25	11 46	1 14	19 36	0 21	6 8	0 23	16 20	4 6	16 37	16 57	12 23	0 57	5 26	W29
T 30	4 4	19 42	3 31	12 33	3 0	11 29	0 20	19 41	1 31	21 38	0 25	11 47	1 14	19 36	0 21	6 7	0 23	16 20	4 6	16 38	16 58	12 21	0 55	5 27	T 30
F 31	4n27	20s 1	2n38	12n41	3n 9	11s 8	0n16	19s43	1n31	21s37	0n25	11n48	1n14	19s35	0n21	6s 6	0s23	16n20	4s 6	16n38	16n59	12s20	0s54	5n27	F 31

Julian Day Number = 3056446.5, Delta T = 02h29m16s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'29, Lahiri = 47°04'30

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

APRIL 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 43 3	12♈21'09	24♉34	25°R17	1♓ 9	6♐40	18♉ 2	2°R 1	29°R50	15♓19	28°R 6	13♌27	12♌10	2♓ 1	14♓53	S 1
S 2	12 46 59	13°21'13	6♒29	24♈59	2°20	6°46	18° 8	1♍58	29♏48	15°21	28♋ 6	13°28	12° 6	2° 7	14°57	S 2
M 3	12 50 56	14°21'16	18°16	24°31	3°30	6°51	18°14	1°55	29°47	15°23	28° 5	13°R28	12° 3	2°14	15° 0	M 3
T 4	12 54 52	15°21'18	0♓ 2	23°57	4°41	6°56	18°20	1°52	29°45	15°25	28° 5	13°26	12° 0	2°21	15° 4	T 4
W 5	12 58 49	16°21'18	11°51	23°16	5°52	7° 0	18°25	1°50	29°43	15°28	28° 5	13°22	11°57	2°27	15° 8	W 5
T 6	13 2 45	17°21'16	23°45	22°29	7° 3	7° 4	18°30	1°47	29°42	15°30	28° 5	13°15	11°54	2°34	15°12	T 6
F 7	13 6 42	18°21'12	5♈49	21°37	8°15	7° 7	18°35	1°44	29°40	15°32	28° 5	13° 6	11°50	2°41	15°15	F 7
S 8	13 10 38	19°21'07	18° 2	20°43	9°26	7° 9	18°40	1°42	29°38	15°33	28° 5	12°55	11°47	2°47	15°19	S 8
S 9	13 14 35	20°21'00	0♉27	19°46	10°37	7°10	18°45	1°39	29°37	15°35	28° 5	12°42	11°44	2°54	15°23	S 9
M10	13 18 32	21°20'51	13° 4	18°49	11°48	7°R11	18°49	1°37	29°35	15°37	28°D 5	12°30	11°41	3° 1	15°26	M10
T 11	13 22 28	22°20'40	25°52	17°52	13° 0	7°11	18°54	1°35	29°33	15°39	28° 5	12°18	11°38	3° 7	15°30	T 11
W12	13 26 25	23°20'27	8♊51	16°57	14°11	7°10	18°58	1°33	29°31	15°41	28° 5	12° 9	11°35	3°14	15°33	W12
T 13	13 30 21	24°20'12	22° 3	16° 5	15°23	7° 9	19° 2	1°31	29°29	15°43	28° 5	12° 2	11°31	3°21	15°37	T 13
F 14	13 34 18	25°19'55	5♋27	15°17	16°34	7° 6	19° 6	1°29	29°27	15°45	28° 5	11°59	11°28	3°27	15°40	F 14
S 15	13 38 14	26°19'36	19° 4	14°32	17°46	7° 3	19°10	1°27	29°25	15°47	28° 5	11°57	11°25	3°34	15°44	S 15
S 16	13 42 11	27°19'15	2♌55	13°53	18°57	6°59	19°13	1°25	29°23	15°49	28° 5	11°D57	11°22	3°41	15°47	S 16
M17	13 46 7	28°18'51	17° 2	13°20	20° 9	6°55	19°17	1°24	29°21	15°50	28° 5	11°R57	11°19	3°47	15°51	M17
T 18	13 50 4	29°18'25	1♍22	12°52	21°20	6°50	19°20	1°22	29°19	15°52	28° 6	11°56	11°16	3°54	15°54	T 18
W19	13 54 1	0♉17'57	15°55	12°30	22°32	6°43	19°23	1°21	29°17	15°54	28° 6	11°52	11°12	4° 1	15°57	W19
T 20	13 57 57	1°17'26	0♎36	12°14	23°44	6°37	19°26	1°19	29°15	15°56	28° 6	11°46	11° 9	4° 7	16° 1	T 20
F 21	14 1 54	2°16'53	15°19	12° 4	24°56	6°29	19°28	1°18	29°13	15°57	28° 6	11°37	11° 6	4°14	16° 4	F 21
S 22	14 5 50	3°16'19	29°55	12°D 0	26° 8	6°21	19°31	1°17	29°11	15°59	28° 6	11°26	11° 3	4°21	16° 7	S 22
S 23	14 9 47	4°15'42	14♏19	12° 1	27°19	6°11	19°33	1°16	29° 8	16° 1	28° 7	11°14	11° 0	4°27	16°10	S 23
M24	14 13 43	5°15'04	28°22	12° 8	28°31	6° 2	19°35	1°15	29° 6	16° 3	28° 7	11° 3	10°56	4°34	16°13	M24
T 25	14 17 40	6°14'24	12♐ 2	12°21	29°43	5°51	19°37	1°15	29° 4	16° 4	28° 7	10°53	10°53	4°41	16°16	T 25
W26	14 21 36	7°13'42	25°15	12°39	0♈55	5°40	19°39	1°14	29° 2	16° 6	28° 8	10°45	10°50	4°47	16°19	W26
T 27	14 25 33	8°12'58	8♉ 4	13° 1	2° 7	5°27	19°40	1°13	28°59	16° 7	28° 8	10°40	10°47	4°54	16°22	T 27
F 28	14 29 29	9°12'13	20°30	13°28	3°19	5°14	19°42	1°13	28°57	16° 9	28° 9	10°37	10°44	5° 0	16°25	F 28
S 29	14 33 26	10°11'26	2♒39	14° 0	4°31	5° 1	19°43	1°13	28°54	16°10	28° 9	10°36	10°41	5° 7	16°28	S 29
S 30	14 37 23	11♉10'37	14♒35	14♈36	5♈44	4♐47	19♉44	1♍12	28♏52	16♓12	28♋ 9	10♌36	10♌37	5♓14	16♓31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n50	19s23	1n40	12n45	3n16	10s47	0n12	19s45	1n30	21s36	0n25	11n49	1n14	19s35	0n21	6s 6	0s23	16n20	4s 6	16n38	17n 0	12s18	0s52	5n27
S 2	5 14	17 53	0 37	12 43	3 22	10 26	0 8	19 46	1 29	21 36	0 25	11 50	1 14	19 35	0 21	6 5	0 23	16 20	4 6	16 38	17 1	12 16	0 51	5 27
M 3	5 37	15 38	0s26	12 37	3 26	10 4	0 4	19 48	1 29	21 35	0 25	11 51	1 14	19 34	0 21	6 4	0 23	16 21	4 6	16 38	17 2	12 15	0 49	5 27
T 4	6 0	12 44	1 28	12 27	3 28	9 42	0 0	19 50	1 28	21 34	0 25	11 52	1 14	19 34	0 21	6 3	0 23	16 21	4 5	16 38	17 2	12 13	0 48	5 27
W 5	6 23	9 18	2 26	12 12	3 29	9 20	0s 3	19 51	1 27	21 34	0 25	11 53	1 14	19 34	0 21	6 3	0 23	16 21	4 5	16 40	17 3	12 12	0 46	5 27
T 6	6 45	5 29	3 18	11 53	3 27	8 57	0 7	19 52	1 27	21 33	0 25	11 54	1 14	19 33	0 21	6 2	0 23	16 21	4 5	16 41	17 4	12 10	0 45	5 27
F 7	7 8	1 25	4 1	11 30	3 24	8 34	0 11	19 54	1 26	21 32	0 25	11 55	1 14	19 33	0 21	6 1	0 23	16 21	4 5	16 44	17 5	12 8	0 43	5 27
S 8	7 31	2n46	4 35	11 5	3 18	8 11	0 15	19 55	1 25	21 32	0 25	11 56	1 14	19 33	0 21	6 0	0 24	16 21	4 5	16 47	17 6	12 7	0 42	5 27
S 9	7 53	6 54	4 55	10 36	3 11	7 48	0 18	19 56	1 24	21 31	0 25	11 57	1 14	19 32	0 21	6 0	0 24	16 22	4 5	16 51	17 7	12 5	0 40	5 28
M10	8 15	10 49	5 2	10 6	3 1	7 24	0 22	19 57	1 23	21 30	0 25	11 58	1 14	19 32	0 21	5 59	0 24	16 22	4 5	16 54	17 8	12 4	0 39	5 28
T 11	8 37	14 17	4 54	9 35	2 51	7 1	0 25	19 58	1 22	21 30	0 25	11 58	1 14	19 31	0 21	5 58	0 24	16 22	4 4	16 57	17 9	12 2	0 37	5 28
W12	8 59	17 7	4 30	9 3	2 39	6 37	0 29	19 59	1 21	21 29	0 25	11 59	1 14	19 31	0 21	5 57	0 24	16 22	4 4	17 0	17 9	12 0	0 36	5 28
T 13	9 21	19 7	3 52	8 31	2 25	6 12	0 32	19 59	1 20	21 29	0 25	12 0	1 14	19 31	0 21	5 57	0 24	16 22	4 4	17 2	17 10	11 59	0 34	5 28
F 14	9 43	20 6	3 1	7 59	2 11	5 48	0 35	20 0	1 19	21 28	0 25	12 1	1 14	19 30	0 21	5 56	0 24	16 22	4 4	17 3	17 11	11 57	0 33	5 28
S 15	10 4	19 56	1 58	7 28	1 56	5 23	0 38	20 1	1 18	21 28	0 25	12 1	1 14	19 30	0 21	5 55	0 24	16 22	4 4	17 3	17 12	11 55	0 31	5 28
S 16	10 26	18 33	0 48	6 59	1 41	4 58	0 42	20 1	1 17	21 27	0 25	12 2	1 14	19 29	0 21	5 55	0 24	16 23	4 4	17 3	17 13	11 54	0 30	5 29
M17	10 47	16 1	0n27	6 31	1 25	4 33	0 45	20 2	1 16	21 27	0 25	12 2	1 14	19 29	0 21	5 54	0 24	16 23	4 3	17 3	17 14	11 52	0 28	5 29
T 18	11 8	12 28	1 41	6 6	1 9	4 8	0 48	20 2	1 14	21 26	0 25	12 3	1 14	19 29	0 21	5 53	0 24	16 23	4 3	17 4	17 15	11 51	0 27	5 29
W19	11 29	8 7	2 50	5 43	0 53	3 43	0 51	20 2	1 13	21 26	0 25	12 3	1 14	19 28	0 21	5 53	0 24	16 23	4 3	17 5	17 16	11 49	0 26	5 29
T 20	11 49	3 15	3 47	5 22	0 37	3 17	0 53	20 2	1 12	21 26	0 25	12 4	1 14	19 28	0 21	5 52	0 24	16 23	4 3	17 6	17 16	11 47	0 24	5 29
F 21	12 9	1s49	4 30	5 4	0 22	2 52	0 56	20 2	1 11	21 25	0 25	12 4	1 14	19 27	0 21	5 51	0 24	16 23	4 3	17 9	17 17	11 46	0 23	5 29
S 22	12 30	6 44	4 55	4 48	0 7	2 26	0 59	20 2	1 9	21 25	0 25	12 4	1 14	19 27	0 21	5 51	0 24	16 23	4 3	17 12	17 18	11 44	0 21	5 30
S 23	12 50	11 12	5 0	4 36	0s 8	2 0	1 2	20 2	1 8	21 25	0 25	12 5	1 14	19 26	0 21	5 50	0 24	16 23	4 3	17 15	17 19	11 42	0 20	5 30
M24	13 9	14 57	4 47	4 25	0 22	1 34	1 4	20 2	1 6	21 24	0 24	12 5	1 14	19 26	0 21	5 49	0 24	16 23	4 2	17 18	17 20	11 41	0 19	5 30
T 25	13 29	17 46	4 18	4 18	0 35	1 8	1 7	20 2	1 5	21 24	0 24	12 5	1 14	19 25	0 21	5 49	0 24	16 23	4 2	17 21	17 21	11 39	0 17	5 30
W26	13 48	19 33	3 36	4 13	0 48	0 42	1 9	20 1	1 3	21 24	0 24	12 5	1 14	19 25	0 21	5 48	0 24	16 24	4 2	17 23	17 22	11 37	0 16	5 30
T 27	14 7	20 16	2 43	4 10	1 0	0 16	1 12	20 1	1 2	21 24	0 24	12 5	1 14	19 24	0 21	5 48	0 24	16 24	4 2	17 24	17 22	11 36	0 15	5 30
F 28	14 26	19 57	1 44	4 10	1 12	0n11	1 14	20 0	1 0	21 24	0 24	12 6	1 14	19 24	0 21	5 47	0 24	16 24	4 2	17 25	17 23	11 34	0 13	5 31
S 29	14 45	18 43	0 42	4 12	1 23	0 37	1 16	19 59	0 58	21 23	0 24	12 6	1 14	19 23	0 21	5 46	0 24	16 24	4 2	17 25	17 24	11 32	0 12	5 31
S 30	15n 3	16s39	0s21	4n16	1s33	1n 3	1s18	19s59	0n56	21s23	0n24	12n 6	1n14	19s23	0n21	5s46	0s24	16n24	4s 2	17n25	17n25	11s31	0s11	5n31

Julian Day Number = 3056477.5, Delta T = 02h29m17s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'33, Lahiri = 47°04'34

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

MAY 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 41 19	12♉ 9'47	26♒24	15♈16	6♈56	4°R31	19♏45	1°D12	28°R50	16♓13	28♋10	10°R36	10♌34	5♓20	16♓34	M 1
T 2	14 45 16	13° 8'54	8♓12	15°59	8° 8	4♐16	19°45	1♍12	28♏47	16°15	28°10	10♌34	10°31	5°27	16°37	T 2
W 3	14 49 12	14° 8'00	20° 3	16°46	9°20	3°59	19°46	1°12	28°45	16°16	28°11	10°30	10°28	5°34	16°39	W 3
T 4	14 53 9	15° 7'05	2♈ 3	17°36	10°32	3°42	19°46	1°13	28°42	16°18	28°11	10°23	10°25	5°40	16°42	T 4
F 5	14 57 5	16° 6'07	14°14	18°30	11°45	3°25	19°R46	1°13	28°40	16°19	28°12	10°13	10°21	5°47	16°45	F 5
S 6	15 1 2	17° 5'08	26°39	19°27	12°57	3° 6	19°46	1°14	28°37	16°20	28°12	10° 2	10°18	5°54	16°47	S 6
S 7	15 4 58	18° 4'07	9♉19	20°26	14° 9	2°48	19°45	1°14	28°35	16°22	28°13	9°49	10°15	6° 0	16°50	S 7
M 8	15 8 55	19° 3'04	22°14	21°29	15°22	2°28	19°45	1°15	28°32	16°23	28°14	9°35	10°12	6° 7	16°52	M 8
T 9	15 12 52	20° 1'59	5♊23	22°33	16°34	2° 9	19°44	1°16	28°30	16°24	28°14	9°23	10° 9	6°14	16°55	T 9
W10	15 16 48	21° 0'53	18°45	23°41	17°46	1°48	19°43	1°16	28°27	16°26	28°15	9°13	10° 6	6°20	16°57	W10
T 11	15 20 45	21°59'44	2♋17	24°51	18°59	1°28	19°42	1°17	28°25	16°27	28°16	9° 6	10° 2	6°27	16°59	T 11
F 12	15 24 41	22°58'33	15°59	26° 3	20°11	1° 6	19°41	1°19	28°22	16°28	28°16	9° 2	9°59	6°34	17° 1	F 12
S 13	15 28 38	23°57'20	29°48	27°17	21°24	0°45	19°40	1°20	28°20	16°29	28°17	9° 0	9°56	6°40	17° 4	S 13
S 14	15 32 34	24°56'05	13♌45	28°34	22°36	0°23	19°38	1°21	28°17	16°30	28°18	9°D 0	9°53	6°47	17° 6	S 14
M15	15 36 31	25°54'47	27°48	29°52	23°49	0° 1	19°36	1°23	28°15	16°31	28°19	9°R 0	9°50	6°54	17° 8	M15
T 16	15 40 27	26°53'27	11♍58	1♉13	25° 1	29♏39	19°34	1°24	28°12	16°32	28°19	8°59	9°47	7° 0	17°10	T 16
W17	15 44 24	27°52'06	26°12	2°36	26°14	29°17	19°32	1°26	28° 9	16°33	28°20	8°56	9°43	7° 7	17°12	W17
T 18	15 48 21	28°50'42	10♎29	4° 1	27°26	28°54	19°29	1°27	28° 7	16°34	28°21	8°51	9°40	7°14	17°14	T 18
F 19	15 52 17	29°49'15	24°45	5°27	28°39	28°31	19°27	1°29	28° 4	16°35	28°22	8°43	9°37	7°20	17°16	F 19
S 20	15 56 14	0♊47'47	8♏55	6°56	29°51	28° 9	19°24	1°31	28° 2	16°36	28°23	8°34	9°34	7°27	17°18	S 20
S 21	16 0 10	1°46'17	22°55	8°26	1♉ 4	27°46	19°21	1°33	27°59	16°37	28°24	8°23	9°31	7°34	17°19	S 21
M22	16 4 7	2°44'46	6♐39	9°58	2°16	27°23	19°18	1°36	27°57	16°38	28°25	8°12	9°27	7°40	17°21	M22
T 23	16 8 3	3°43'12	20° 5	11°32	3°29	27° 1	19°15	1°38	27°54	16°39	28°25	8° 3	9°24	7°47	17°23	T 23
W24	16 12 0	4°41'37	3♑10	13° 8	4°41	26°38	19°12	1°40	27°52	16°40	28°26	7°56	9°21	7°54	17°24	W24
T 25	16 15 56	5°40'00	15°54	14°46	5°54	26°16	19° 8	1°43	27°49	16°40	28°27	7°51	9°18	8° 0	17°26	T 25
F 26	16 19 53	6°38'22	28°19	16°25	7° 7	25°54	19° 4	1°45	27°47	16°41	28°28	7°49	9°15	8° 7	17°27	F 26
S 27	16 23 50	7°36'42	10♒28	18° 7	8°19	25°32	19° 0	1°48	27°44	16°42	28°29	7°D49	9°12	8°14	17°29	S 27
S 28	16 27 46	8°35'01	22°26	19°50	9°32	25°10	18°56	1°51	27°42	16°43	28°30	7°49	9° 8	8°20	17°30	S 28
M29	16 31 43	9°33'18	4♓17	21°35	10°45	24°49	18°52	1°54	27°39	16°43	28°31	7°R50	9° 5	8°27	17°32	M29
T 30	16 35 39	10°31'33	16° 6	23°22	11°57	24°28	18°47	1°56	27°37	16°44	28°32	7°50	9° 2	8°34	17°33	T 30
W31	16 39 36	11♊29'48	28♓ 0	25♉11	13♉10	24♏ 8	18♑43	2♍ 0	27♏34	16♓44	28♋33	7♌48	8♌59	8♓40	17♓34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	15n21	13s54	1s23	4n22	1s43	1n30	1s20	19s58	0n55	21s23	0n24	12n 6	1n13	19s22	0n21	5s45	0s24	16n24	4s 1	17n25	17n26	11s29	0s10	5n31
T 2	15 39	10 36	2 21	4 30	1 52	1 56	1 22	19 57	0 53	21 23	0 24	12 6	1 13	19 22	0 21	5 45	0 24	16 24	4 1	17 26	17 27	11 27	0 8	5 32
W 3	15 56	6 52	3 13	4 41	2 0	2 23	1 24	19 55	0 51	21 23	0 24	12 6	1 13	19 21	0 21	5 44	0 24	16 24	4 1	17 27	17 28	11 26	0 7	5 32
T 4	16 14	2 49	3 57	4 53	2 8	2 49	1 26	19 54	0 49	21 23	0 24	12 5	1 13	19 21	0 21	5 44	0 24	16 24	4 1	17 29	17 28	11 24	0 6	5 32
F 5	16 30	1n24	4 31	5 6	2 15	3 16	1 28	19 53	0 47	21 23	0 24	12 5	1 13	19 20	0 21	5 43	0 24	16 24	4 1	17 31	17 29	11 22	0 5	5 32
S 6	16 47	5 38	4 52	5 21	2 22	3 42	1 29	19 51	0 45	21 23	0 24	12 5	1 13	19 20	0 21	5 43	0 24	16 24	4 1	17 35	17 30	11 20	0 3	5 32
S 7	17 4	9 43	5 0	5 38	2 27	4 8	1 31	19 50	0 43	21 23	0 24	12 5	1 13	19 19	0 21	5 42	0 24	16 24	4 1	17 38	17 31	11 19	0 2	5 33
M 8	17 20	13 26	4 53	5 56	2 32	4 35	1 32	19 48	0 41	21 23	0 24	12 5	1 13	19 18	0 21	5 42	0 24	16 24	4 0	17 41	17 32	11 17	0 1	5 33
T 9	17 35	16 34	4 31	6 16	2 37	5 1	1 34	19 46	0 39	21 24	0 24	12 4	1 13	19 18	0 21	5 41	0 24	16 24	4 0	17 45	17 33	11 15	0n 0	5 33
W10	17 51	18 53	3 53	6 37	2 41	5 27	1 35	19 44	0 36	21 24	0 24	12 4	1 13	19 17	0 21	5 41	0 24	16 24	4 0	17 47	17 33	11 14	0 1	5 33
T 11	18 6	20 11	3 1	6 59	2 44	5 53	1 36	19 42	0 34	21 24	0 24	12 3	1 13	19 17	0 21	5 40	0 24	16 24	4 0	17 49	17 34	11 12	0 2	5 34
F 12	18 21	20 19	1 59	7 22	2 47	6 19	1 37	19 40	0 32	21 24	0 24	12 3	1 13	19 16	0 21	5 40	0 24	16 24	4 0	17 50	17 35	11 10	0 3	5 34
S 13	18 36	19 13	0 49	7 47	2 49	6 45	1 38	19 38	0 30	21 24	0 24	12 3	1 13	19 16	0 21	5 40	0 24	16 24	4 0	17 51	17 36	11 8	0 4	5 34
S 14	18 50	16 57	0n25	8 12	2 51	7 11	1 39	19 36	0 27	21 25	0 24	12 2	1 13	19 15	0 21	5 39	0 24	16 24	4 0	17 51	17 37	11 7	0 5	5 34
M15	19 4	13 40	1 38	8 39	2 52	7 36	1 40	19 34	0 25	21 25	0 24	12 1	1 13	19 15	0 21	5 39	0 24	16 24	3 59	17 51	17 38	11 5	0 7	5 35
T 16	19 17	9 34	2 45	9 6	2 52	8 2	1 41	19 31	0 23	21 25	0 24	12 1	1 13	19 14	0 21	5 38	0 24	16 24	3 59	17 51	17 39	11 3	0 8	5 35
W17	19 30	4 55	3 43	9 34	2 52	8 27	1 42	19 29	0 20	21 26	0 24	12 0	1 13	19 14	0 21	5 38	0 24	16 24	3 59	17 52	17 39	11 2	0 9	5 35
T 18	19 43	0s 1	4 27	10 3	2 52	8 52	1 42	19 26	0 18	21 26	0 24	12 0	1 13	19 13	0 21	5 38	0 24	16 24	3 59	17 53	17 40	11 0	0 10	5 35
F 19	19 56	4 56	4 54	10 32	2 50	9 17	1 43	19 24	0 16	21 26	0 24	11 59	1 13	19 12	0 21	5 37	0 24	16 24	3 59	17 55	17 41	10 58	0 10	5 36
S 20	20 8	9 33	5 3	11 3	2 49	9 42	1 44	19 21	0 13	21 27	0 24	11 58	1 13	19 12	0 21	5 37	0 24	16 24	3 59	17 58	17 42	10 56	0 11	5 36
S 21	20 20	13 36	4 53	11 34	2 46	10 7	1 44	19 19	0 11	21 27	0 23	11 57	1 12	19 11	0 21	5 37	0 24	16 24	3 59	18 0	17 43	10 55	0 12	5 36
M22	20 31	16 51	4 27	12 5	2 43	10 31	1 44	19 16	0 8	21 28	0 23	11 57	1 12	19 11	0 21	5 36	0 24	16 24	3 59	18 3	17 44	10 53	0 13	5 36
T 23	20 42	19 6	3 46	12 37	2 40	10 55	1 45	19 13	0 6	21 28	0 23	11 56	1 12	19 10	0 21	5 36	0 24	16 24	3 58	18 5	17 44	10 51	0 14	5 37
W24	20 53	20 17	2 54	13 9	2 36	11 19	1 45	19 10	0 3	21 29	0 23	11 55	1 12	19 10	0 21	5 36	0 24	16 24	3 58	18 7	17 45	10 49	0 15	5 37
T 25	21 3	20 24	1 54	13 42	2 32	11 43	1 45	19 8	0 1	21 29	0 23	11 54	1 12	19 9	0 21	5 35	0 24	16 24	3 58	18 8	17 46	10 48	0 16	5 37
F 26	21 13	19 29	0 51	14 15	2 27	12 7	1 45	19 5	0s 2	21 30	0 23	11 53	1 12	19 9	0 21	5 35	0 24	16 24	3 58	18 9	17 47	10 46	0 17	5 37
S 27	21 23	17 41	0s14	14 48	2 22	12 30	1 45	19 2	0 4	21 31	0 23	11 52	1 12	19 8	0 21	5 35	0 25	16 24	3 58	18 9	17 48	10 44	0 17	5 38
S 28	21 32	15 8	1 18	15 21	2 16	12 53	1 45	18 59	0 6	21 31	0 23	11 51	1 12	19 7	0 21	5 35	0 25	16 23	3 58	18 9	17 49	10 42	0 18	5 38
M29	21 41	11 59	2 17	15 55	2 9	13 16	1 44	18 57	0 9	21 32	0 23	11 50	1 12	19 7	0 21	5 34	0 25	16 23	3 58	18 9	17 49	10 41	0 19	5 38
T 30	21 50	8 22	3 10	16 28	2 3	13 38	1 44	18 54	0 11	21 32	0 23	11 49	1 12	19 6	0 21	5 34	0 25	16 23	3 58	18 9	17 50	10 39	0 20	5 39
W31	21n58	4s24	3s56	17n 1	1s55	14n 0	1s44	18s52	0s14	21s33	0n23	11n48	1n12	19s 6	0n21	5s34	0s25	16n23	3s57	18n 9	17n51	10s37	0n21	5n39

Julian Day Number = 3056507.5, Delta T = 02h29m18s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'38, Lahiri = 47°04'38

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

JUNE 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 43 32	12♊28'00	10♈ 2	27♉ 1	14♉23	23°R48	18°R38	2♍ 3	27°R32	16♓45	28♋34	7°R45	8♌56	8♓47	17♓35	T 1
F 2	16 47 29	13°26'12	22°18	28°54	15°36	23♏28	18♑33	2° 6	27♏29	16°46	28°36	7♌39	8°53	8°54	17°36	F 2
S 3	16 51 25	14°24'22	4♉50	0♊48	16°48	23° 9	18°28	2° 9	27°27	16°46	28°37	7°31	8°49	9° 0	17°37	S 3
S 4	16 55 22	15°22'31	17°41	2°44	18° 1	22°51	18°23	2°13	27°24	16°46	28°38	7°23	8°46	9° 7	17°38	S 4
M 5	16 59 19	16°20'38	0♊51	4°42	19°14	22°33	18°18	2°16	27°22	16°47	28°39	7°14	8°43	9°14	17°39	M 5
T 6	17 3 15	17°18'44	14°20	6°42	20°27	22°16	18°12	2°20	27°20	16°47	28°40	7° 5	8°40	9°20	17°40	T 6
W 7	17 7 12	18°16'48	28° 5	8°43	21°39	21°59	18° 7	2°24	27°17	16°48	28°41	6°59	8°37	9°27	17°41	W 7
T 8	17 11 8	19°14'51	12♋ 2	10°47	22°52	21°43	18° 1	2°27	27°15	16°48	28°42	6°54	8°33	9°34	17°42	T 8
F 9	17 15 5	20°12'52	26° 9	12°51	24° 5	21°28	17°55	2°31	27°13	16°48	28°44	6°52	8°30	9°40	17°42	F 9
S 10	17 19 1	21°10'51	10♌21	14°58	25°18	21°13	17°49	2°35	27°10	16°49	28°45	6°D51	8°27	9°47	17°43	S 10
S 11	17 22 58	22° 8'49	24°34	17° 5	26°31	21° 0	17°43	2°39	27° 8	16°49	28°46	6°52	8°24	9°54	17°43	S 11
M12	17 26 55	23° 6'45	8♍48	19°14	27°43	20°47	17°37	2°43	27° 6	16°49	28°47	6°53	8°21	10° 0	17°44	M12
T 13	17 30 51	24° 4'39	22°58	21°24	28°56	20°34	17°30	2°48	27° 4	16°49	28°48	6°R54	8°18	10° 7	17°44	T 13
W14	17 34 48	25° 2'32	7♎ 5	23°35	0♊ 9	20°23	17°24	2°52	27° 1	16°49	28°50	6°53	8°14	10°14	17°45	W14
T 15	17 38 44	26° 0'22	21° 6	25°46	1°22	20°12	17°17	2°56	26°59	16°49	28°51	6°51	8°11	10°20	17°45	T 15
F 16	17 42 41	26°58'12	5♏ 0	27°58	2°35	20° 2	17°11	3° 1	26°57	16°49	28°52	6°47	8° 8	10°27	17°45	F 16
S 17	17 46 37	27°55'59	18°44	0♋10	3°48	19°53	17° 4	3° 5	26°55	16°R49	28°54	6°41	8° 5	10°34	17°45	S 17
S 18	17 50 34	28°53'45	2♐17	2°22	5° 0	19°45	16°57	3°10	26°53	16°49	28°55	6°35	8° 2	10°40	17°46	S 18
M19	17 54 30	29°51'30	15°36	4°33	6°13	19°37	16°50	3°15	26°51	16°49	28°56	6°29	7°59	10°47	17°46	M19
T 20	17 58 27	0♋49'14	28°40	6°44	7°26	19°31	16°43	3°20	26°49	16°49	28°57	6°24	7°55	10°54	17°R46	T 20
W21	18 2 24	1°46'56	11♑29	8°53	8°39	19°25	16°36	3°25	26°47	16°49	28°59	6°20	7°52	11° 0	17°46	W21
T 22	18 6 20	2°44'37	24° 1	11° 2	9°52	19°20	16°29	3°30	26°45	16°49	29° 0	6°18	7°49	11° 7	17°45	T 22
F 23	18 10 17	3°42'17	6♒19	13° 9	11° 5	19°16	16°21	3°35	26°43	16°49	29° 1	6°D17	7°46	11°14	17°45	F 23
S 24	18 14 13	4°39'56	18°24	15°14	12°18	19°12	16°14	3°40	26°42	16°49	29° 3	6°18	7°43	11°20	17°45	S 24
S 25	18 18 10	5°37'34	0♓21	17°17	13°31	19° 9	16° 7	3°45	26°40	16°49	29° 4	6°19	7°39	11°27	17°45	S 25
M26	18 22 6	6°35'11	12°12	19°18	14°44	19° 7	15°59	3°50	26°38	16°48	29° 6	6°21	7°36	11°34	17°44	M26
T 27	18 26 3	7°32'48	24° 2	21°17	15°57	19° 6	15°52	3°55	26°36	16°48	29° 7	6°23	7°33	11°40	17°44	T 27
W28	18 29 59	8°30'23	5♈56	23°14	17°10	19°D 6	15°44	4° 1	26°34	16°48	29° 8	6°R23	7°30	11°47	17°44	W28
T 29	18 33 56	9°27'58	17°59	25° 9	18°23	19° 7	15°37	4° 6	26°33	16°47	29°10	6°23	7°27	11°54	17°43	T 29
F 30	18 37 53	10♋25'32	0♉15	27♋ 0	19♊36	19♏ 8	15♑29	4♍12	26♏31	16♓47	29♋11	6♌22	7♌24	12♓ 0	17♓42	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	0s14	4s32	17n34	1s48	14n22	1s43	18s49	0s16	21s34	0n23	11n46	1n12	19s 5	0n21	5s34	0s25	16n23	3s57	18n10	17n52	10s35	0n21	5n39
F 2	22 12	4n 1	4 56	18 7	1 40	14 43	1 43	18 46	0 19	21 35	0 23	11 45	1 12	19 5	0 21	5 34	0 25	16 23	3 57	18 12	17 53	10 33	0 22	5 39
S 3	22 19	8 12	5 6	18 39	1 31	15 4	1 42	18 44	0 21	21 35	0 23	11 44	1 12	19 4	0 21	5 33	0 25	16 23	3 57	18 14	17 54	10 32	0 23	5 40
S 4	22 26	12 7	5 1	19 10	1 22	15 25	1 42	18 42	0 23	21 36	0 23	11 43	1 12	19 4	0 21	5 33	0 25	16 23	3 57	18 16	17 54	10 30	0 23	5 40
M 5	22 32	15 33	4 41	19 41	1 13	15 45	1 41	18 39	0 26	21 37	0 23	11 41	1 12	19 3	0 21	5 33	0 25	16 23	3 57	18 18	17 55	10 28	0 24	5 40
T 6	22 38	18 16	4 5	20 11	1 4	16 5	1 40	18 37	0 28	21 38	0 22	11 40	1 12	19 3	0 21	5 33	0 25	16 23	3 57	18 20	17 56	10 26	0 24	5 41
W 7	22 43	19 59	3 13	20 40	0 54	16 25	1 39	18 35	0 30	21 39	0 22	11 39	1 12	19 2	0 21	5 33	0 25	16 22	3 57	18 22	17 57	10 24	0 25	5 41
T 8	22 48	20 32	2 10	21 8	0 44	16 44	1 38	18 33	0 32	21 39	0 22	11 37	1 12	19 2	0 21	5 33	0 25	16 22	3 56	18 23	17 58	10 23	0 26	5 41
F 9	22 52	19 47	0 58	21 35	0 34	17 3	1 37	18 32	0 35	21 40	0 22	11 36	1 12	19 1	0 21	5 33	0 25	16 22	3 56	18 23	17 58	10 21	0 26	5 41
S 10	22 56	17 48	0n19	22 0	0 23	17 22	1 36	18 30	0 37	21 41	0 22	11 34	1 12	19 1	0 21	5 33	0 25	16 22	3 56	18 24	17 59	10 19	0 27	5 42
S 11	23 0	14 42	1 34	22 24	0 13	17 40	1 35	18 28	0 39	21 42	0 22	11 33	1 11	19 0	0 21	5 33	0 25	16 22	3 56	18 23	18 0	10 17	0 27	5 42
M12	23 3	10 44	2 44	22 45	0 2	17 57	1 34	18 27	0 41	21 43	0 22	11 31	1 11	19 0	0 21	5 33	0 25	16 22	3 56	18 23	18 1	10 15	0 27	5 42
T 13	23 6	6 12	3 44	23 5	0n 8	18 14	1 33	18 26	0 43	21 44	0 22	11 30	1 11	18 59	0 21	5 33	0 25	16 22	3 56	18 23	18 2	10 14	0 28	5 43
W14	23 8	1 21	4 29	23 23	0 19	18 31	1 31	18 25	0 45	21 45	0 22	11 28	1 11	18 59	0 21	5 32	0 25	16 22	3 56	18 23	18 3	10 12	0 28	5 43
T 15	23 10	3s32	4 59	23 39	0 29	18 47	1 30	18 24	0 47	21 46	0 22	11 27	1 11	18 58	0 21	5 32	0 25	16 21	3 56	18 24	18 3	10 10	0 29	5 43
F 16	23 11	8 12	5 10	23 52	0 39	19 3	1 28	18 23	0 49	21 46	0 22	11 25	1 11	18 58	0 21	5 32	0 25	16 21	3 56	18 25	18 4	10 8	0 29	5 43
S 17	23 13	12 22	5 3	24 2	0 49	19 18	1 27	18 22	0 51	21 47	0 22	11 23	1 11	18 57	0 21	5 32	0 25	16 21	3 56	18 26	18 5	10 6	0 29	5 44
S 18	23 13	15 51	4 40	24 10	0 58	19 32	1 25	18 22	0 53	21 48	0 21	11 22	1 11	18 57	0 21	5 33	0 25	16 21	3 55	18 28	18 6	10 5	0 30	5 44
M19	23 13	18 27	4 1	24 16	1 7	19 47	1 24	18 22	0 55	21 49	0 21	11 20	1 11	18 56	0 21	5 33	0 25	16 21	3 55	18 29	18 7	10 3	0 30	5 44
T 20	23 13	20 2	3 11	24 19	1 15	20 0	1 22	18 22	0 57	21 50	0 21	11 18	1 11	18 56	0 21	5 33	0 25	16 21	3 55	18 30	18 7	10 1	0 30	5 45
W21	23 13	20 33	2 11	24 19	1 23	20 13	1 20	18 22	0 59	21 51	0 21	11 16	1 11	18 56	0 21	5 33	0 25	16 20	3 55	18 31	18 8	9 59	0 30	5 45
T 22	23 12	20 1	1 7	24 16	1 30	20 26	1 19	18 22	1 0	21 52	0 21	11 15	1 11	18 55	0 21	5 33	0 25	16 20	3 55	18 32	18 9	9 57	0 31	5 45
F 23	23 10	18 32	0s 0	24 11	1 37	20 38	1 17	18 23	1 2	21 53	0 21	11 13	1 11	18 55	0 21	5 33	0 25	16 20	3 55	18 32	18 10	9 55	0 31	5 45
S 24	23 9	16 13	1 6	24 4	1 43	20 50	1 15	18 24	1 4	21 54	0 21	11 11	1 11	18 54	0 21	5 33	0 25	16 20	3 55	18 32	18 11	9 54	0 31	5 46
S 25	23 6	13 15	2 8	23 54	1 48	21 0	1 13	18 24	1 5	21 55	0 21	11 9	1 11	18 54	0 21	5 33	0 25	16 20	3 55	18 31	18 11	9 52	0 31	5 46
M26	23 4	9 46	3 4	23 42	1 52	21 11	1 11	18 25	1 7	21 56	0 21	11 7	1 11	18 54	0 21	5 33	0 25	16 20	3 55	18 31	18 12	9 50	0 31	5 46
T 27	23 1	5 55	3 53	23 27	1 55	21 21	1 9	18 27	1 9	21 57	0 21	11 5	1 11	18 53	0 21	5 33	0 25	16 19	3 55	18 31	18 13	9 48	0 31	5 47
W28	22 57	1 49	4 31	23 11	1 58	21 30	1 7	18 28	1 10	21 58	0 20	11 3	1 11	18 53	0 21	5 33	0 25	16 19	3 55	18 30	18 14	9 46	0 32	5 47
T 29	22 53	2n23	4 58	22 53	2 0	21 38	1 5	18 30	1 12	21 59	0 20	11 1	1 11	18 52	0 21	5 34	0 25	16 19	3 54	18 31	18 15	9 44	0 32	5 47
F 30	22n49	6n34	5s12	22n33	2n 1	21n46	1s 3	18s31	1s13	22s 0	0n20	10n59	1n11	18s52	0n21	5s34	0s25	16n19	3s54	18n31	18n15	9s42	0n32	5n47

Julian Day Number = 3056538.5, Delta T = 02h29m19s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'42, Lahiri = 47°04'42

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

JULY 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 41 49	11♋23'05	12♉49	28♋50	20♊49	19♏10	15°R22	4♍17	26°R30	16°R46	29♋13	6°R19	7♌20	12♓ 7	17°R42	S 1
S 2	18 45 46	12°20'38	25°44	0♌37	22° 2	19°13	15♂14	4°23	26♏28	16♓46	29°14	6♌16	7°17	12°14	17♓41	S 2
M 3	18 49 42	13°18'10	9♊ 2	2°21	23°15	19°16	15° 6	4°29	26°27	16°46	29°15	6°13	7°14	12°20	17°40	M 3
T 4	18 53 39	14°15'41	22°42	4° 2	24°28	19°20	14°59	4°35	26°25	16°45	29°17	6° 9	7°11	12°27	17°39	T 4
W 5	18 57 35	15°13'11	6♋44	5°41	25°41	19°25	14°51	4°40	26°24	16°45	29°18	6° 7	7° 8	12°34	17°39	W 5
T 6	19 1 32	16°10'41	21° 3	7°18	26°54	19°31	14°43	4°46	26°22	16°44	29°20	6° 5	7° 5	12°40	17°38	T 6
F 7	19 5 28	17° 8'10	5♌35	8°51	28° 7	19°38	14°36	4°52	26°21	16°43	29°21	6°D 5	7° 1	12°47	17°37	F 7
S 8	19 9 25	18° 5'38	20°12	10°22	29°20	19°45	14°28	4°58	26°20	16°43	29°23	6° 5	6°58	12°54	17°36	S 8
S 9	19 13 22	19° 3'05	4♍50	11°50	0♋33	19°53	14°20	5° 4	26°19	16°42	29°24	6° 6	6°55	13° 0	17°34	S 9
M10	19 17 18	20° 0'31	19°23	13°15	1°46	20° 1	14°13	5°11	26°17	16°41	29°25	6° 7	6°52	13° 7	17°33	M10
T 11	19 21 15	20°57'56	3♎46	14°38	2°59	20°10	14° 5	5°17	26°16	16°41	29°27	6° 8	6°49	13°14	17°32	T 11
W12	19 25 11	21°55'20	17°57	15°57	4°13	20°20	13°58	5°23	26°15	16°40	29°28	6°R 9	6°45	13°20	17°31	W12
T 13	19 29 8	22°52'43	1♏53	17°14	5°26	20°31	13°50	5°29	26°14	16°39	29°30	6° 9	6°42	13°27	17°29	T 13
F 14	19 33 4	23°50'06	15°34	18°28	6°39	20°42	13°43	5°36	26°13	16°38	29°31	6° 8	6°39	13°34	17°28	F 14
S 15	19 37 1	24°47'27	28°59	19°39	7°52	20°54	13°35	5°42	26°12	16°37	29°33	6° 7	6°36	13°40	17°27	S 15
S 16	19 40 57	25°44'48	12♐10	20°47	9° 5	21° 6	13°28	5°49	26°11	16°37	29°34	6° 6	6°33	13°47	17°25	S 16
M17	19 44 54	26°42'08	25° 6	21°51	10°19	21°20	13°21	5°55	26°10	16°36	29°36	6° 4	6°30	13°54	17°23	M17
T 18	19 48 51	27°39'27	7♑48	22°53	11°32	21°33	13°13	6° 2	26°10	16°35	29°37	6° 3	6°26	14° 0	17°22	T 18
W19	19 52 47	28°36'46	20°17	23°51	12°45	21°47	13° 6	6° 8	26° 9	16°34	29°39	6° 3	6°23	14° 7	17°20	W19
T 20	19 56 44	29°34'05	2♒35	24°46	13°58	22° 2	12°59	6°15	26° 8	16°33	29°40	6°D 2	6°20	14°14	17°19	T 20
F 21	20 0 40	0♌31'23	14°42	25°37	15°11	22°18	12°52	6°22	26° 7	16°32	29°42	6° 2	6°17	14°20	17°17	F 21
S 22	20 4 37	1°28'40	26°42	26°25	16°25	22°34	12°45	6°28	26° 7	16°31	29°43	6° 3	6°14	14°27	17°15	S 22
S 23	20 8 33	2°25'58	8♓35	27° 9	17°38	22°50	12°38	6°35	26° 6	16°30	29°45	6° 3	6°11	14°34	17°13	S 23
M24	20 12 30	3°23'15	20°25	27°49	18°51	23° 7	12°32	6°42	26° 6	16°29	29°46	6° 3	6° 7	14°40	17°11	M24
T 25	20 16 27	4°20'32	2♈15	28°25	20° 5	23°24	12°25	6°49	26° 5	16°28	29°48	6° 4	6° 4	14°47	17° 9	T 25
W26	20 20 23	5°17'49	14° 9	28°58	21°18	23°42	12°18	6°56	26° 5	16°27	29°49	6° 4	6° 1	14°54	17° 7	W26
T 27	20 24 20	6°15'07	26°12	29°26	22°31	24° 1	12°12	7° 3	26° 5	16°26	29°51	6°R 4	5°58	15° 0	17° 5	T 27
F 28	20 28 16	7°12'24	8♉27	29°50	23°45	24°20	12° 5	7°10	26° 4	16°24	29°52	6°D 4	5°55	15° 7	17° 3	F 28
S 29	20 32 13	8° 9'41	20°59	0♍ 9	24°58	24°39	11°59	7°17	26° 4	16°23	29°53	6° 4	5°51	15°14	17° 1	S 29
S 30	20 36 9	9° 6'59	3♊51	0°24	26°12	24°59	11°53	7°24	26° 4	16°22	29°55	6° 4	5°48	15°20	16°59	S 30
M31	20 40 6	10♌ 4'17	17♊ 8	0♍34	27♋25	25♏20	11♑47	7♍31	26♏ 4	16♓21	29♋56	6♌ 4	5♌45	15♓27	16♓57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n44	10n35	5s12	22n11	2n 1	21n54	1s 1	18s33	1s15	22s 1	0n20	10n57	1n11	18s52	0n21	5s34	0s25	16n19	3s54	18n32	18n16	9s41	0n32	5n48
S 2	22 39	14 13	4 56	21 48	2 1	22 1	0 59	18 35	1 16	22 2	0 20	10 55	1 11	18 51	0 21	5 34	0 25	16 18	3 54	18 32	18 17	9 39	0 32	5 48
M 3	22 34	17 15	4 25	21 24	2 0	22 7	0 56	18 38	1 17	22 3	0 20	10 53	1 11	18 51	0 21	5 34	0 25	16 18	3 54	18 33	18 18	9 37	0 32	5 48
T 4	22 28	19 25	3 37	20 59	1 58	22 12	0 54	18 40	1 19	22 4	0 20	10 51	1 11	18 51	0 20	5 35	0 25	16 18	3 54	18 34	18 19	9 35	0 31	5 49
W 5	22 22	20 29	2 35	20 32	1 55	22 17	0 52	18 43	1 20	22 5	0 20	10 49	1 11	18 51	0 20	5 35	0 25	16 18	3 54	18 35	18 19	9 33	0 31	5 49
T 6	22 15	20 15	1 22	20 5	1 51	22 22	0 50	18 46	1 21	22 6	0 19	10 47	1 11	18 50	0 20	5 35	0 25	16 17	3 54	18 35	18 20	9 31	0 31	5 49
F 7	22 8	18 40	0 3	19 37	1 47	22 25	0 47	18 48	1 23	22 7	0 19	10 44	1 11	18 50	0 20	5 35	0 25	16 17	3 54	18 35	18 21	9 29	0 31	5 49
S 8	22 1	15 51	1n17	19 8	1 42	22 28	0 45	18 52	1 24	22 8	0 19	10 42	1 11	18 50	0 20	5 36	0 25	16 17	3 54	18 35	18 22	9 27	0 31	5 50
S 9	21 53	12 1	2 32	18 38	1 37	22 31	0 43	18 55	1 25	22 9	0 19	10 40	1 11	18 49	0 20	5 36	0 26	16 17	3 54	18 35	18 23	9 26	0 31	5 50
M10	21 45	7 30	3 37	18 8	1 30	22 33	0 40	18 58	1 26	22 10	0 19	10 38	1 11	18 49	0 20	5 36	0 26	16 17	3 54	18 34	18 23	9 24	0 30	5 50
T 11	21 36	2 37	4 28	17 38	1 23	22 34	0 38	19 2	1 27	22 11	0 19	10 35	1 11	18 49	0 20	5 36	0 26	16 16	3 54	18 34	18 24	9 22	0 30	5 50
W12	21 28	2s20	5 1	17 7	1 16	22 34	0 35	19 5	1 28	22 11	0 19	10 33	1 11	18 49	0 20	5 37	0 26	16 16	3 53	18 34	18 25	9 20	0 30	5 51
T 13	21 18	7 4	5 16	16 36	1 7	22 34	0 33	19 9	1 29	22 12	0 19	10 31	1 11	18 48	0 20	5 37	0 26	16 16	3 53	18 34	18 26	9 18	0 30	5 51
F 14	21 9	11 22	5 12	16 5	0 58	22 33	0 30	19 13	1 30	22 13	0 18	10 28	1 11	18 48	0 20	5 37	0 26	16 16	3 53	18 34	18 27	9 16	0 29	5 51
S 15	20 59	15 0	4 52	15 34	0 49	22 32	0 28	19 17	1 31	22 14	0 18	10 26	1 11	18 48	0 20	5 38	0 26	16 15	3 53	18 35	18 27	9 14	0 29	5 51
S 16	20 48	17 49	4 16	15 3	0 39	22 29	0 26	19 22	1 32	22 15	0 18	10 24	1 11	18 48	0 20	5 38	0 26	16 15	3 53	18 35	18 28	9 12	0 29	5 51
M17	20 38	19 40	3 28	14 33	0 28	22 27	0 23	19 26	1 33	22 16	0 18	10 21	1 11	18 48	0 20	5 38	0 26	16 15	3 53	18 35	18 29	9 10	0 28	5 52
T 18	20 27	20 30	2 30	14 2	0 17	22 23	0 21	19 30	1 34	22 17	0 18	10 19	1 11	18 48	0 20	5 39	0 26	16 15	3 53	18 35	18 30	9 8	0 28	5 52
W19	20 15	20 17	1 26	13 32	0 5	22 19	0 18	19 35	1 35	22 17	0 18	10 16	1 11	18 47	0 20	5 39	0 26	16 14	3 53	18 36	18 31	9 7	0 27	5 52
T 20	20 4	19 6	0 19	13 3	0s 7	22 15	0 16	19 40	1 36	22 18	0 18	10 14	1 11	18 47	0 20	5 40	0 26	16 14	3 53	18 36	18 31	9 5	0 27	5 52
F 21	19 51	17 2	0s48	12 34	0 20	22 9	0 13	19 44	1 37	22 19	0 17	10 12	1 11	18 47	0 20	5 40	0 26	16 14	3 53	18 36	18 32	9 3	0 27	5 53
S 22	19 39	14 16	1 52	12 5	0 33	22 3	0 11	19 49	1 38	22 20	0 17	10 9	1 11	18 47	0 20	5 40	0 26	16 14	3 53	18 36	18 33	9 1	0 26	5 53
S 23	19 26	10 56	2 51	11 38	0 46	21 57	0 8	19 54	1 38	22 21	0 17	10 7	1 11	18 47	0 20	5 41	0 26	16 13	3 53	18 35	18 34	8 59	0 25	5 53
M24	19 13	7 11	3 42	11 11	1 0	21 49	0 6	19 59	1 39	22 21	0 17	10 4	1 11	18 47	0 20	5 41	0 26	16 13	3 53	18 35	18 34	8 57	0 25	5 53
T 25	19 0	3 9	4 24	10 45	1 14	21 41	0 3	20 4	1 40	22 22	0 17	10 2	1 11	18 47	0 20	5 42	0 26	16 13	3 53	18 35	18 35	8 55	0 24	5 53
W26	18 46	1n 0	4 55	10 20	1 29	21 33	0 1	20 10	1 41	22 23	0 17	9 59	1 11	18 47	0 20	5 42	0 26	16 13	3 53	18 35	18 36	8 53	0 24	5 54
T 27	18 33	5 9	5 13	9 57	1 44	21 24	0n 2	20 15	1 41	22 24	0 17	9 56	1 11	18 47	0 20	5 43	0 26	16 12	3 53	18 35	18 37	8 51	0 23	5 54
F 28	18 18	9 11	5 17	9 35	1 59	21 14	0 4	20 20	1 42	22 24	0 16	9 54	1 11	18 47	0 20	5 43	0 26	16 12	3 53	18 35	18 38	8 49	0 23	5 54
S 29	18 4	12 54	5 7	9 14	2 14	21 4	0 7	20 26	1 43	22 25	0 16	9 51	1 11	18 47	0 20	5 43	0 26	16 12	3 53	18 35	18 38	8 47	0 22	5 54
S 30	17 49	16 8	4 41	8 55	2 29	20 53	0 9	20 31	1 44	22 26	0 16	9 49	1 11	18 47	0 20	5 44	0 26	16 12	3 53	18 35	18 39	8 45	0 21	5 54
M31	17n34	18n38	4s 0	8n37	2s44	20n41	0n12	20s37	1s44	22s26	0n16	9n46	1n11	18s47	0n20	5s44	0s26	16n11	3s53	18n35	18n40	8s43	0n21	5n54

Julian Day Number = 3056568.5, Delta T = 02h29m20s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'46, Lahiri = 47°04'47

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

AUGUST 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 44 2	11♌ 1'35	0♋50	0♍40	28♋39	25♏41	11°R41	7♍38	26°R 4	16°R20	29♋58	6♌ 5	5♌42	15♓34	16°R55	T 1
W 2	20 47 59	11°58'53	14°57	0°R41	29°52	26° 2	11♑35	7°45	26°D 4	16♓18	29°59	6° 5	5°39	15°41	16♓52	W 2
T 3	20 51 56	12°56'12	29°28	0°37	1♌ 6	26°24	11°30	7°53	26♏ 4	16°17	0♌ 1	6°R 6	5°36	15°47	16°50	T 3
F 4	20 55 52	13°53'30	14♌16	0°29	2°19	26°46	11°24	8° 0	26° 4	16°16	0° 2	6° 6	5°32	15°54	16°48	F 4
S 5	20 59 49	14°50'49	29°15	0°16	3°33	27° 9	11°19	8° 7	26° 4	16°14	0° 4	6° 5	5°29	16° 1	16°45	S 5
S 6	21 3 45	15°48'07	14♍16	29♌58	4°46	27°32	11°14	8°15	26° 4	16°13	0° 5	6° 4	5°26	16° 7	16°43	S 6
M 7	21 7 42	16°45'26	29°11	29°37	6° 0	27°55	11° 9	8°22	26° 4	16°12	0° 7	6° 3	5°23	16°14	16°40	M 7
T 8	21 11 38	17°42'44	13♎52	29°11	7°13	28°19	11° 4	8°29	26° 4	16°10	0° 8	6° 2	5°20	16°21	16°38	T 8
W 9	21 15 35	18°40'03	28°15	28°41	8°27	28°43	10°59	8°37	26° 5	16° 9	0° 9	6° 1	5°17	16°27	16°35	W 9
T 10	21 19 31	19°37'21	12♏16	28° 8	9°40	29° 8	10°54	8°44	26° 5	16° 8	0°11	6° 0	5°13	16°34	16°33	T 10
F 11	21 23 28	20°34'39	25°54	27°33	10°54	29°33	10°50	8°51	26° 6	16° 6	0°12	6°D 0	5°10	16°41	16°30	F 11
S 12	21 27 25	21°31'58	9♐10	26°54	12° 8	29°58	10°46	8°59	26° 6	16° 5	0°14	6° 1	5° 7	16°47	16°27	S 12
S 13	21 31 21	22°29'16	22° 7	26°15	13°21	0♐24	10°42	9° 6	26° 7	16° 3	0°15	6° 2	5° 4	16°54	16°25	S 13
M14	21 35 18	23°26'34	4♑46	25°34	14°35	0°50	10°38	9°14	26° 7	16° 2	0°16	6° 3	5° 1	17° 1	16°22	M14
T 15	21 39 14	24°23'53	17°12	24°52	15°49	1°17	10°34	9°21	26° 8	16° 0	0°18	6° 4	4°57	17° 7	16°19	T 15
W16	21 43 11	25°21'12	29°25	24°11	17° 2	1°44	10°30	9°29	26° 9	15°59	0°19	6° 5	4°54	17°14	16°17	W16
T 17	21 47 7	26°18'31	11♒30	23°31	18°16	2°11	10°27	9°37	26° 9	15°57	0°20	6°R 5	4°51	17°21	16°14	T 17
F 18	21 51 4	27°15'51	23°28	22°53	19°30	2°38	10°23	9°44	26°10	15°56	0°22	6° 4	4°48	17°27	16°11	F 18
S 19	21 55 0	28°13'11	5♓21	22°17	20°44	3° 6	10°20	9°52	26°11	15°54	0°23	6° 2	4°45	17°34	16° 8	S 19
S 20	21 58 57	29°10'31	17°12	21°45	21°57	3°34	10°17	9°59	26°12	15°53	0°24	5°59	4°42	17°41	16° 5	S 20
M21	22 2 54	0♍ 7'53	29° 2	21°16	23°11	4° 3	10°15	10° 7	26°13	15°51	0°26	5°55	4°38	17°47	16° 3	M21
T 22	22 6 50	1° 5'15	10♈53	20°52	24°25	4°31	10°12	10°15	26°14	15°50	0°27	5°51	4°35	17°54	16° 0	T 22
W23	22 10 47	2° 2'37	22°50	20°33	25°39	5° 0	10°10	10°22	26°15	15°48	0°28	5°47	4°32	18° 1	15°57	W23
T 24	22 14 43	3° 0'01	4♉53	20°18	26°53	5°30	10° 7	10°30	26°16	15°46	0°30	5°44	4°29	18° 7	15°54	T 24
F 25	22 18 40	3°57'25	17° 8	20°10	28° 7	5°59	10° 5	10°38	26°17	15°45	0°31	5°41	4°26	18°14	15°51	F 25
S 26	22 22 36	4°54'51	29°37	20°D 7	29°21	6°29	10° 3	10°45	26°18	15°43	0°32	5°D40	4°22	18°21	15°48	S 26
S 27	22 26 33	5°52'17	12♊25	20°11	0♍34	6°59	10° 2	10°53	26°20	15°42	0°33	5°40	4°19	18°27	15°45	S 27
M28	22 30 29	6°49'45	25°36	20°21	1°48	7°30	10° 0	11° 1	26°21	15°40	0°35	5°41	4°16	18°34	15°42	M28
T 29	22 34 26	7°47'14	9♋12	20°38	3° 2	8° 1	9°59	11° 8	26°22	15°38	0°36	5°43	4°13	18°41	15°39	T 29
W30	22 38 22	8°44'44	23°14	21° 1	4°16	8°32	9°58	11°16	26°24	15°37	0°37	5°44	4°10	18°48	15°36	W30
T 31	22 42 19	9♍42'15	7♌43	21♌30	5♍30	9♐ 3	9♑57	11♍24	26♏25	15♓35	0♌38	5°R44	4♌ 7	18♓54	15♓33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n18	20n10	3s 4	8n21	2s59	20n29	0n14	20s42	1s45	22s27	0n16	9n43	1n11	18s47	0n20	5s45	0s26	16n11	3s52	18n35	18n41	8s41	0n20	5n55
W 2	17 3	20 30	1 55	8 7	3 14	20 16	0 17	20 48	1 45	22 28	0 16	9 41	1 11	18 47	0 20	5 45	0 26	16 11	3 52	18 35	18 41	8 39	0 19	5 55
T 3	16 47	19 29	0 37	7 54	3 28	20 3	0 19	20 53	1 46	22 28	0 16	9 38	1 11	18 47	0 20	5 46	0 26	16 11	3 52	18 35	18 42	8 38	0 18	5 55
F 4	16 31	17 8	0n45	7 44	3 42	19 49	0 21	20 59	1 47	22 29	0 15	9 36	1 11	18 47	0 20	5 46	0 26	16 10	3 52	18 35	18 43	8 36	0 18	5 55
S 5	16 14	13 35	2 5	7 36	3 55	19 34	0 24	21 5	1 47	22 30	0 15	9 33	1 11	18 47	0 20	5 47	0 26	16 10	3 52	18 35	18 44	8 34	0 17	5 55
S 6	15 57	9 10	3 16	7 30	4 8	19 19	0 26	21 11	1 48	22 30	0 15	9 30	1 11	18 47	0 20	5 48	0 26	16 10	3 52	18 35	18 44	8 32	0 16	5 55
M 7	15 40	4 12	4 14	7 27	4 20	19 4	0 28	21 17	1 48	22 31	0 15	9 27	1 11	18 47	0 20	5 48	0 26	16 10	3 52	18 35	18 45	8 30	0 15	5 55
T 8	15 23	0s55	4 53	7 25	4 31	18 48	0 31	21 22	1 49	22 31	0 15	9 25	1 11	18 47	0 20	5 49	0 26	16 9	3 52	18 36	18 46	8 28	0 14	5 56
W 9	15 6	5 52	5 14	7 26	4 40	18 31	0 33	21 28	1 49	22 32	0 15	9 22	1 11	18 47	0 20	5 49	0 26	16 9	3 52	18 36	18 47	8 26	0 13	5 56
T 10	14 48	10 22	5 15	7 29	4 49	18 14	0 35	21 34	1 50	22 32	0 15	9 19	1 11	18 47	0 20	5 50	0 26	16 9	3 52	18 36	18 48	8 24	0 13	5 56
F 11	14 30	14 14	4 58	7 34	4 56	17 56	0 37	21 40	1 50	22 33	0 14	9 17	1 11	18 47	0 19	5 50	0 26	16 8	3 52	18 36	18 48	8 22	0 12	5 56
S 12	14 12	17 15	4 25	7 42	5 2	17 38	0 39	21 46	1 50	22 33	0 14	9 14	1 11	18 47	0 19	5 51	0 26	16 8	3 52	18 36	18 49	8 20	0 11	5 56
S 13	13 54	19 20	3 40	7 51	5 6	17 20	0 42	21 52	1 51	22 34	0 14	9 11	1 11	18 48	0 19	5 51	0 26	16 8	3 52	18 36	18 50	8 18	0 10	5 56
M14	13 35	20 24	2 45	8 2	5 8	17 0	0 44	21 57	1 51	22 34	0 14	9 8	1 11	18 48	0 19	5 52	0 26	16 8	3 52	18 35	18 51	8 16	0 9	5 56
T 15	13 16	20 26	1 43	8 15	5 9	16 41	0 46	22 3	1 52	22 35	0 14	9 6	1 11	18 48	0 19	5 53	0 26	16 7	3 52	18 35	18 51	8 14	0 8	5 56
W16	12 57	19 29	0 37	8 30	5 8	16 21	0 48	22 9	1 52	22 35	0 14	9 3	1 11	18 48	0 19	5 53	0 26	16 7	3 52	18 35	18 52	8 12	0 7	5 56
T 17	12 38	17 39	0s30	8 45	5 5	16 0	0 50	22 15	1 52	22 36	0 13	9 0	1 11	18 48	0 19	5 54	0 26	16 7	3 52	18 35	18 53	8 10	0 6	5 56
F 18	12 19	15 4	1 34	9 2	5 0	15 39	0 52	22 21	1 53	22 36	0 13	8 57	1 11	18 49	0 19	5 54	0 26	16 7	3 52	18 35	18 54	8 8	0 5	5 56
S 19	11 59	11 52	2 34	9 19	4 54	15 18	0 53	22 26	1 53	22 36	0 13	8 54	1 11	18 49	0 19	5 55	0 26	16 6	3 52	18 36	18 54	8 6	0 4	5 56
S 20	11 39	8 12	3 27	9 37	4 46	14 56	0 55	22 32	1 53	22 37	0 13	8 52	1 11	18 49	0 19	5 56	0 26	16 6	3 52	18 36	18 55	8 4	0 3	5 56
M21	11 20	4 14	4 11	9 55	4 36	14 34	0 57	22 38	1 54	22 37	0 13	8 49	1 11	18 49	0 19	5 56	0 26	16 6	3 52	18 37	18 56	8 2	0 2	5 56
T 22	10 59	0 6	4 44	10 13	4 25	14 11	0 59	22 43	1 54	22 38	0 13	8 46	1 12	18 50	0 19	5 57	0 26	16 6	3 52	18 38	18 57	8 0	0 1	5 57
W23	10 39	4n 4	5 6	10 30	4 13	13 48	1 0	22 49	1 54	22 38	0 13	8 43	1 12	18 50	0 19	5 57	0 26	16 5	3 52	18 39	18 57	7 58	0s 0	5 57
T 24	10 19	8 6	5 13	10 47	4 0	13 25	1 2	22 54	1 55	22 38	0 12	8 40	1 12	18 50	0 19	5 58	0 26	16 5	3 52	18 40	18 58	7 56	0 1	5 57
F 25	9 58	11 53	5 7	11 3	3 46	13 1	1 4	23 0	1 55	22 38	0 12	8 37	1 12	18 50	0 19	5 59	0 26	16 5	3 52	18 41	18 59	7 54	0 3	5 57
S 26	9 37	15 13	4 47	11 18	3 31	12 37	1 5	23 5	1 55	22 39	0 12	8 35	1 12	18 51	0 19	5 59	0 26	16 5	3 52	18 41	19 0	7 52	0 4	5 57
S 27	9 17	17 56	4 11	11 32	3 16	12 13	1 7	23 11	1 55	22 39	0 12	8 32	1 12	18 51	0 19	6 0	0 26	16 4	3 52	18 41	19 0	7 50	0 5	5 57
M28	8 56	19 47	3 22	11 44	2 59	11 48	1 8	23 16	1 56	22 39	0 12	8 29	1 12	18 51	0 19	6 1	0 26	16 4	3 52	18 41	19 1	7 48	0 6	5 57
T 29	8 34	20 35	2 20	11 55	2 43	11 23	1 10	23 21	1 56	22 40	0 12	8 26	1 12	18 52	0 19	6 1	0 26	16 4	3 52	18 40	19 2	7 46	0 7	5 57
W30	8 13	20 8	1 8	12 3	2 26	10 58	1 11	23 26	1 56	22 40	0 12	8 23	1 12	18 52	0 19	6 2	0 26	16 4	3 52	18 40	19 3	7 44	0 8	5 57
T 31	7n52	18n21	0n11	12n10	2s 9	10n32	1n12	23s31	1s56	22s40	0n11	8n20	1n12	18s52	0n19	6s 2	0s26	16n 3	3s52	18n40	19n 3	7s42	0s 9	5n57

Julian Day Number = 3056599.5, Delta T = 02h29m21s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'50, Lahiri = 47°04'51

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

SEPTEMBER 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 46 16	10♍39'47	22♌34	22♌ 7	6♍44	9♐34	9°R56	11♍31	26♏27	15°R34	0♌40	5°R44	4♌ 3	19♓ 1	15°R30	F 1
S 2	22 50 12	11°37'20	7♍41	22°49	7°58	10° 6	9♑55	11°39	26°28	15♓32	0°41	5♌41	4° 0	19° 8	15♓27	S 2
S 3	22 54 9	12°34'53	22°55	23°39	9°12	10°38	9°55	11°47	26°30	15°30	0°42	5°37	3°57	19°14	15°24	S 3
M 4	22 58 5	13°32'28	8♎ 7	24°34	10°26	11°11	9°55	11°54	26°32	15°29	0°43	5°32	3°54	19°21	15°21	M 4
T 5	23 2 2	14°30'04	23° 5	25°36	11°41	11°43	9°D55	12° 2	26°33	15°27	0°44	5°26	3°51	19°28	15°18	T 5
W 6	23 5 58	15°27'40	7♏42	26°43	12°55	12°16	9°55	12°10	26°35	15°25	0°45	5°21	3°48	19°34	15°15	W 6
T 7	23 9 55	16°25'17	21°53	27°57	14° 9	12°49	9°55	12°18	26°37	15°24	0°46	5°17	3°44	19°41	15°12	T 7
F 8	23 13 51	17°22'55	5♐36	29°16	15°23	13°22	9°56	12°25	26°39	15°22	0°47	5°15	3°41	19°48	15° 9	F 8
S 9	23 17 48	18°20'34	18°52	0♍40	16°37	13°56	9°56	12°33	26°41	15°20	0°49	5°D14	3°38	19°54	15° 6	S 9
S 10	23 21 45	19°18'14	1♑44	2°10	17°51	14°29	9°57	12°41	26°43	15°19	0°50	5°15	3°35	20° 1	15° 3	S 10
M11	23 25 41	20°15'54	14°15	3°44	19° 5	15° 3	9°58	12°48	26°45	15°17	0°51	5°16	3°32	20° 8	15° 0	M11
T 12	23 29 38	21°13'36	26°31	5°22	20°19	15°38	10° 0	12°56	26°47	15°16	0°52	5°17	3°28	20°14	14°57	T 12
W13	23 33 34	22°11'18	8♒35	7° 4	21°34	16°12	10° 1	13° 4	26°49	15°14	0°53	5°R17	3°25	20°21	14°54	W13
T 14	23 37 31	23° 9'02	20°31	8°50	22°48	16°47	10° 3	13°11	26°51	15°12	0°54	5°16	3°22	20°28	14°51	T 14
F 15	23 41 27	24° 6'46	2♓22	10°38	24° 2	17°21	10° 5	13°19	26°53	15°11	0°55	5°13	3°19	20°34	14°48	F 15
S 16	23 45 24	25° 4'32	14°12	12°30	25°16	17°56	10° 7	13°26	26°55	15° 9	0°56	5° 7	3°16	20°41	14°45	S 16
S 17	23 49 20	26° 2'19	26° 2	14°23	26°30	18°32	10° 9	13°34	26°57	15° 8	0°56	4°59	3°13	20°48	14°42	S 17
M18	23 53 17	27° 0'07	7♈55	16°18	27°45	19° 7	10°11	13°42	27° 0	15° 6	0°57	4°50	3° 9	20°55	14°39	M18
T 19	23 57 14	27°57'57	19°52	18°15	28°59	19°43	10°14	13°49	27° 2	15° 4	0°58	4°40	3° 6	21° 1	14°37	T 19
W20	0 1 10	28°55'48	1♉54	20°13	0♎13	20°18	10°16	13°57	27° 4	15° 3	0°59	4°30	3° 3	21° 8	14°34	W20
T 21	0 5 7	29°53'41	14° 4	22°11	1°27	20°54	10°19	14° 4	27° 7	15° 1	1° 0	4°21	3° 0	21°15	14°31	T 21
F 22	0 9 3	0♎51'35	26°23	24°10	2°42	21°30	10°22	14°12	27° 9	15° 0	1° 1	4°14	2°57	21°21	14°28	F 22
S 23	0 13 0	1°49'31	8♊54	26° 9	3°56	22° 7	10°26	14°19	27°12	14°58	1° 2	4° 9	2°54	21°28	14°25	S 23
S 24	0 16 56	2°47'29	21°41	28° 8	5°10	22°43	10°29	14°27	27°14	14°57	1° 3	4° 7	2°50	21°35	14°22	S 24
M25	0 20 53	3°45'29	4♋46	0♎ 6	6°25	23°20	10°33	14°34	27°17	14°55	1° 3	4°D 6	2°47	21°41	14°20	M25
T 26	0 24 49	4°43'30	18°14	2° 4	7°39	23°57	10°36	14°41	27°19	14°53	1° 4	4° 7	2°44	21°48	14°17	T 26
W27	0 28 46	5°41'33	2♌ 6	4° 1	8°53	24°34	10°40	14°49	27°22	14°52	1° 5	4°R 7	2°41	21°55	14°14	W27
T 28	0 32 42	6°39'38	16°23	5°57	10° 8	25°11	10°44	14°56	27°25	14°50	1° 6	4° 7	2°38	22° 1	14°11	T 28
F 29	0 36 39	7°37'45	1♍ 4	7°52	11°22	25°49	10°49	15° 4	27°27	14°49	1° 6	4° 4	2°34	22° 8	14° 9	F 29
S 30	0 40 36	8♎35'53	16♍ 4	9♎47	12♎36	26♐26	10♑53	15♍11	27♏30	14♓48	1♌ 7	3♌59	2♌31	22♓15	14♓ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n30	15n18	1n31	12n14	1s52	10n 6	1n13	23s36	1s56	22s40	0n11	8n18	1n12	18s53	0n19	6s 3	0s26	16n 3	3s52	18n40	19n 4	7s40	0s11	5n56
S 2	7 9	11 10	2 45	12 17	1 36	9 40	1 15	23 41	1 56	22 40	0 11	8 15	1 12	18 53	0 19	6 4	0 26	16 3	3 52	18 41	19 5	7 38	0 12	5 56
S 3	6 47	6 18	3 49	12 17	1 19	9 13	1 16	23 46	1 57	22 41	0 11	8 12	1 12	18 54	0 19	6 4	0 26	16 3	3 52	18 42	19 6	7 36	0 13	5 56
M 4	6 25	1 3	4 36	12 14	1 3	8 46	1 17	23 51	1 57	22 41	0 11	8 9	1 12	18 54	0 19	6 5	0 26	16 2	3 52	18 43	19 6	7 34	0 14	5 56
T 5	6 3	4s11	5 3	12 8	0 47	8 19	1 18	23 55	1 57	22 41	0 11	8 6	1 12	18 54	0 19	6 6	0 27	16 2	3 52	18 45	19 7	7 32	0 15	5 56
W 6	5 41	9 3	5 10	12 0	0 31	7 52	1 19	24 0	1 57	22 41	0 11	8 3	1 13	18 55	0 19	6 6	0 27	16 2	3 52	18 46	19 8	7 30	0 16	5 56
T 7	5 19	13 17	4 58	11 49	0 17	7 25	1 20	24 4	1 57	22 41	0 10	8 1	1 13	18 55	0 19	6 7	0 27	16 2	3 52	18 47	19 9	7 28	0 18	5 56
F 8	4 57	16 39	4 28	11 35	0 2	6 57	1 20	24 8	1 57	22 41	0 10	7 58	1 13	18 56	0 19	6 8	0 27	16 1	3 52	18 47	19 9	7 25	0 19	5 56
S 9	4 34	19 1	3 45	11 19	0n11	6 29	1 21	24 13	1 57	22 41	0 10	7 55	1 13	18 56	0 19	6 8	0 27	16 1	3 52	18 47	19 10	7 23	0 20	5 56
S 10	4 12	20 21	2 52	10 59	0 24	6 1	1 22	24 17	1 57	22 41	0 10	7 52	1 13	18 57	0 19	6 9	0 27	16 1	3 52	18 47	19 11	7 21	0 21	5 56
M11	3 49	20 37	1 51	10 37	0 36	5 33	1 22	24 20	1 57	22 41	0 10	7 49	1 13	18 57	0 19	6 9	0 27	16 1	3 52	18 47	19 12	7 19	0 23	5 56
T 12	3 27	19 53	0 47	10 11	0 47	5 4	1 23	24 24	1 58	22 41	0 10	7 46	1 13	18 58	0 19	6 10	0 27	16 0	3 52	18 47	19 12	7 17	0 24	5 56
W13	3 4	18 15	0s18	9 43	0 57	4 36	1 23	24 28	1 58	22 42	0 10	7 43	1 13	18 58	0 19	6 11	0 27	16 0	3 52	18 47	19 13	7 15	0 25	5 55
T 14	2 42	15 49	1 21	9 13	1 6	4 7	1 24	24 31	1 58	22 42	0 9	7 41	1 13	18 59	0 19	6 11	0 27	16 0	3 52	18 47	19 14	7 13	0 26	5 55
F 15	2 19	12 44	2 21	8 40	1 14	3 38	1 24	24 35	1 58	22 42	0 9	7 38	1 13	18 59	0 19	6 12	0 27	16 0	3 52	18 48	19 14	7 11	0 28	5 55
S 16	1 56	9 9	3 14	8 4	1 21	3 10	1 25	24 38	1 58	22 42	0 9	7 35	1 13	19 0	0 19	6 13	0 27	15 59	3 52	18 49	19 15	7 9	0 29	5 55
S 17	1 34	5 13	3 58	7 27	1 28	2 41	1 25	24 41	1 58	22 41	0 9	7 32	1 13	19 0	0 19	6 13	0 27	15 59	3 52	18 51	19 16	7 7	0 30	5 55
M18	1 11	1 4	4 33	6 47	1 33	2 11	1 25	24 44	1 58	22 41	0 9	7 29	1 14	19 1	0 18	6 14	0 27	15 59	3 52	18 53	19 17	7 5	0 31	5 55
T 19	0 48	3n 8	4 55	6 6	1 37	1 42	1 25	24 47	1 58	22 41	0 9	7 27	1 14	19 1	0 18	6 14	0 27	15 59	3 52	18 56	19 17	7 3	0 33	5 55
W20	0 25	7 15	5 5	5 23	1 41	1 13	1 25	24 50	1 58	22 41	0 9	7 24	1 14	19 2	0 18	6 15	0 27	15 59	3 52	18 58	19 18	7 1	0 34	5 54
T 21	0 2	11 7	5 1	4 39	1 43	0 44	1 25	24 52	1 58	22 41	0 8	7 21	1 14	19 2	0 18	6 16	0 27	15 58	3 52	19 0	19 19	6 59	0 35	5 54
F 22	0s20	14 35	4 43	3 54	1 45	0 14	1 25	24 55	1 58	22 41	0 8	7 18	1 14	19 3	0 18	6 16	0 27	15 58	3 52	19 2	19 20	6 57	0 36	5 54
S 23	0 43	17 27	4 11	3 8	1 46	0s15	1 25	24 57	1 57	22 41	0 8	7 16	1 14	19 4	0 18	6 17	0 27	15 58	3 52	19 3	19 20	6 55	0 38	5 54
S 24	1 6	19 32	3 27	2 22	1 46	0 44	1 25	24 59	1 57	22 41	0 8	7 13	1 14	19 4	0 18	6 17	0 27	15 58	3 52	19 3	19 21	6 52	0 39	5 54
M25	1 29	20 38	2 30	1 34	1 45	1 14	1 24	25 1	1 57	22 41	0 8	7 10	1 14	19 5	0 18	6 18	0 27	15 58	3 52	19 3	19 22	6 50	0 40	5 54
T 26	1 52	20 37	1 24	0 47	1 44	1 43	1 24	25 2	1 57	22 41	0 8	7 7	1 14	19 5	0 18	6 19	0 27	15 57	3 52	19 3	19 22	6 48	0 41	5 53
W27	2 15	19 20	0 11	0s 1	1 42	2 13	1 24	25 4	1 57	22 40	0 8	7 5	1 15	19 6	0 18	6 19	0 27	15 57	3 52	19 3	19 23	6 46	0 42	5 53
T 28	2 37	16 49	1n 5	0 49	1 39	2 42	1 23	25 5	1 57	22 40	0 8	7 2	1 15	19 7	0 18	6 20	0 27	15 57	3 52	19 3	19 24	6 44	0 44	5 53
F 29	3 0	13 9	2 18	1 37	1 36	3 11	1 23	25 6	1 57	22 40	0 7	6 59	1 15	19 7	0 18	6 20	0 27	15 57	3 53	19 4	19 25	6 42	0 45	5 53
S 30	3s23	8n35	3n24	2s25	1n33	3s41	1n22	25s 7	1s57	22s40	0n 7	6n56	1n15	19s 8	0n18	6s21	0s27	15n57	3s53	19n 5	19n25	6s40	0s46	5n52

Julian Day Number = 3056630.5, Delta T = 02h29m21s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'55, Lahiri = 47°04'55

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

OCTOBER 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 44 32	9♎34'03	1♎16	11♎40	13♎51	27♐ 4	10♑58	15♍18	27♏33	14°R46	1♌ 8	3°R52	2♌28	22♓22	14°R 3	S 1
M 2	0 48 29	10°32'15	16°30	13°32	15° 5	27°42	11° 2	15°25	27°36	14♓45	1° 8	3♌42	2°25	22°28	14♓ 1	M 2
T 3	0 52 25	11°30'29	1♏34	15°24	16°20	28°20	11° 7	15°33	27°39	14°43	1° 9	3°32	2°22	22°35	13°58	T 3
W 4	0 56 22	12°28'44	16°19	17°14	17°34	28°58	11°12	15°40	27°42	14°42	1°10	3°23	2°19	22°42	13°56	W 4
T 5	1 0 18	13°27'00	0♐39	19° 3	18°49	29°37	11°18	15°47	27°45	14°40	1°10	3°15	2°15	22°48	13°53	T 5
F 6	1 4 15	14°25'18	14°29	20°51	20° 3	0♑15	11°23	15°54	27°47	14°39	1°11	3° 9	2°12	22°55	13°51	F 6
S 7	1 8 11	15°23'38	27°49	22°37	21°17	0°54	11°29	16° 1	27°50	14°38	1°11	3° 6	2° 9	23° 2	13°48	S 7
S 8	1 12 8	16°21'59	10♑43	24°23	22°32	1°33	11°34	16° 8	27°53	14°36	1°12	3° 5	2° 6	23° 8	13°46	S 8
M 9	1 16 5	17°20'21	23°14	26° 7	23°46	2°12	11°40	16°15	27°57	14°35	1°12	3°D 5	2° 3	23°15	13°44	M 9
T 10	1 20 1	18°18'45	5♒27	27°51	25° 1	2°51	11°46	16°22	28° 0	14°34	1°13	3°R 5	1°59	23°22	13°41	T 10
W11	1 23 58	19°17'10	17°27	29°33	26°15	3°30	11°53	16°29	28° 3	14°32	1°13	3° 4	1°56	23°28	13°39	W11
T 12	1 27 54	20°15'37	29°20	1♏14	27°30	4°10	11°59	16°36	28° 6	14°31	1°14	3° 1	1°53	23°35	13°37	T 12
F 13	1 31 51	21°14'05	11♓ 9	2°54	28°44	4°49	12° 5	16°43	28° 9	14°30	1°14	2°56	1°50	23°42	13°35	F 13
S 14	1 35 47	22°12'35	22°58	4°33	29°59	5°29	12°12	16°49	28°12	14°29	1°14	2°48	1°47	23°48	13°32	S 14
S 15	1 39 44	23°11'07	4♈51	6°11	1♏13	6° 9	12°19	16°56	28°16	14°28	1°15	2°37	1°44	23°55	13°30	S 15
M16	1 43 40	24° 9'40	16°50	7°48	2°28	6°49	12°26	17° 3	28°19	14°26	1°15	2°24	1°40	24° 2	13°28	M16
T 17	1 47 37	25° 8'16	28°54	9°25	3°42	7°29	12°33	17°10	28°22	14°25	1°15	2°10	1°37	24° 9	13°26	T 17
W18	1 51 33	26° 6'53	11♉ 7	11° 0	4°57	8°10	12°40	17°16	28°25	14°24	1°16	1°57	1°34	24°15	13°24	W18
T 19	1 55 30	27° 5'32	23°28	12°34	6°11	8°50	12°47	17°23	28°29	14°23	1°16	1°44	1°31	24°22	13°22	T 19
F 20	1 59 27	28° 4'13	5♊59	14° 7	7°26	9°31	12°55	17°29	28°32	14°22	1°16	1°34	1°28	24°29	13°21	F 20
S 21	2 3 23	29° 2'56	18°40	15°39	8°40	10°11	13° 2	17°36	28°35	14°21	1°16	1°26	1°25	24°35	13°19	S 21
S 22	2 7 20	0♏ 1'41	1♋34	17°11	9°55	10°52	13°10	17°42	28°39	14°20	1°17	1°22	1°21	24°42	13°17	S 22
M23	2 11 16	1° 0'29	14°42	18°41	11° 9	11°33	13°18	17°48	28°42	14°19	1°17	1°20	1°18	24°49	13°15	M23
T 24	2 15 13	1°59'19	28° 7	20°11	12°24	12°14	13°26	17°55	28°46	14°18	1°17	1°19	1°15	24°55	13°14	T 24
W25	2 19 9	2°58'11	11♌51	21°39	13°38	12°55	13°34	18° 1	28°49	14°17	1°17	1°19	1°12	25° 2	13°12	W25
T 26	2 23 6	3°57'05	25°55	23° 7	14°53	13°36	13°43	18° 7	28°53	14°16	1°17	1°18	1° 9	25° 9	13°10	T 26
F 27	2 27 2	4°56'01	10♍20	24°34	16° 7	14°18	13°51	18°13	28°56	14°15	1°17	1°15	1° 5	25°16	13° 9	F 27
S 28	2 30 59	5°54'59	25° 2	26° 0	17°22	14°59	14° 0	18°19	29° 0	14°14	1°17	1°10	1° 2	25°22	13° 7	S 28
S 29	2 34 56	6°54'00	9♎56	27°24	18°37	15°41	14° 8	18°25	29° 3	14°13	1°18	1° 1	0°59	25°29	13° 6	S 29
M30	2 38 52	7°53'02	24°55	28°48	19°51	16°23	14°17	18°31	29° 7	14°13	1°R18	0°50	0°56	25°36	13° 5	M30
T 31	2 42 49	8♏52'07	9♏50	0♐11	21♏ 6	17♑ 5	14♑26	18♍37	29♏10	14♓12	1♌18	0♌39	0♌53	25♓42	13♓ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s45	3n25	4n16	3s13	1n29	4s10	1n21	25s 8	1s57	22s39	0n 7	6n54	1n15	19s 8	0n18	6s21	0s27	15n57	3s53	19n 7	19n26	6s38	0s47	5n52
M 2	4 8	1s58	4 49	4 0	1 24	4 39	1 21	25 9	1 57	22 39	0 7	6 51	1 15	19 9	0 18	6 22	0 27	15 56	3 53	19 9	19 27	6 36	0 49	5 52
T 3	4 31	7 10	5 3	4 47	1 20	5 8	1 20	25 9	1 56	22 39	0 7	6 48	1 15	19 10	0 18	6 23	0 27	15 56	3 53	19 11	19 27	6 34	0 50	5 52
W 4	4 53	11 51	4 55	5 33	1 15	5 37	1 19	25 10	1 56	22 39	0 7	6 46	1 15	19 10	0 18	6 23	0 27	15 56	3 53	19 14	19 28	6 31	0 51	5 51
T 5	5 16	15 43	4 29	6 20	1 9	6 6	1 18	25 10	1 56	22 38	0 7	6 43	1 15	19 11	0 18	6 24	0 27	15 56	3 53	19 15	19 29	6 29	0 52	5 51
F 6	5 38	18 33	3 48	7 5	1 3	6 35	1 17	25 9	1 56	22 38	0 7	6 41	1 16	19 12	0 18	6 24	0 27	15 56	3 53	19 17	19 30	6 27	0 53	5 51
S 7	6 1	20 17	2 56	7 50	0 57	7 3	1 16	25 9	1 56	22 38	0 6	6 38	1 16	19 12	0 18	6 25	0 27	15 56	3 53	19 17	19 30	6 25	0 54	5 51
S 8	6 23	20 52	1 56	8 34	0 51	7 32	1 15	25 8	1 56	22 37	0 6	6 35	1 16	19 13	0 18	6 25	0 27	15 55	3 53	19 18	19 31	6 23	0 56	5 50
M 9	6 45	20 23	0 52	9 18	0 45	8 0	1 14	25 8	1 55	22 37	0 6	6 33	1 16	19 14	0 18	6 26	0 27	15 55	3 53	19 18	19 32	6 21	0 57	5 50
T 10	7 7	18 57	0s13	10 1	0 38	8 28	1 13	25 7	1 55	22 36	0 6	6 30	1 16	19 15	0 18	6 26	0 27	15 55	3 53	19 18	19 32	6 19	0 58	5 50
W11	7 29	16 40	1 16	10 44	0 31	8 56	1 11	25 6	1 55	22 36	0 6	6 28	1 16	19 15	0 18	6 27	0 27	15 55	3 53	19 18	19 33	6 17	0 59	5 50
T 12	7 51	13 42	2 14	11 25	0 24	9 24	1 10	25 4	1 55	22 36	0 6	6 25	1 16	19 16	0 18	6 27	0 27	15 55	3 53	19 18	19 34	6 15	1 0	5 49
F 13	8 13	10 12	3 7	12 6	0 17	9 51	1 9	25 3	1 54	22 35	0 6	6 23	1 17	19 17	0 18	6 28	0 27	15 55	3 53	19 20	19 34	6 12	1 1	5 49
S 14	8 34	6 19	3 51	12 46	0 10	10 19	1 7	25 1	1 54	22 35	0 6	6 20	1 17	19 17	0 18	6 28	0 27	15 55	3 53	19 22	19 35	6 10	1 2	5 49
S 15	8 56	2 10	4 26	13 25	0 3	10 46	1 6	24 59	1 54	22 34	0 5	6 18	1 17	19 18	0 18	6 29	0 27	15 55	3 53	19 24	19 36	6 8	1 3	5 48
M16	9 17	2n 6	4 49	14 3	0s 4	11 13	1 4	24 57	1 54	22 34	0 5	6 15	1 17	19 19	0 18	6 29	0 27	15 54	3 53	19 27	19 37	6 6	1 4	5 48
T 17	9 39	6 19	4 59	14 41	0 12	11 39	1 3	24 54	1 53	22 33	0 5	6 13	1 17	19 20	0 18	6 29	0 27	15 54	3 53	19 30	19 37	6 4	1 5	5 48
W18	10 0	10 20	4 56	15 18	0 19	12 6	1 1	24 52	1 53	22 33	0 5	6 10	1 17	19 20	0 18	6 30	0 27	15 54	3 53	19 33	19 38	6 2	1 6	5 47
T 19	10 21	13 58	4 39	15 53	0 26	12 32	0 59	24 49	1 53	22 32	0 5	6 8	1 17	19 21	0 18	6 30	0 27	15 54	3 53	19 36	19 39	6 0	1 8	5 47
F 20	10 42	17 2	4 8	16 28	0 34	12 58	0 58	24 46	1 53	22 31	0 5	6 6	1 18	19 22	0 18	6 31	0 27	15 54	3 53	19 38	19 39	5 57	1 9	5 47
S 21	11 2	19 21	3 25	17 2	0 41	13 23	0 56	24 42	1 52	22 31	0 5	6 3	1 18	19 23	0 18	6 31	0 27	15 54	3 53	19 40	19 40	5 55	1 10	5 46
S 22	11 23	20 43	2 30	17 35	0 49	13 48	0 54	24 39	1 52	22 30	0 5	6 1	1 18	19 23	0 18	6 32	0 27	15 54	3 53	19 41	19 41	5 53	1 11	5 46
M23	11 43	20 59	1 27	18 7	0 56	14 13	0 52	24 35	1 52	22 29	0 5	5 59	1 18	19 24	0 18	6 32	0 27	15 54	3 53	19 41	19 41	5 51	1 11	5 46
T 24	12 3	20 5	0 17	18 39	1 3	14 37	0 50	24 31	1 51	22 29	0 4	5 56	1 18	19 25	0 18	6 32	0 27	15 54	3 53	19 41	19 42	5 49	1 12	5 45
W25	12 24	17 58	0n55	19 9	1 10	15 2	0 48	24 27	1 51	22 28	0 4	5 54	1 18	19 26	0 18	6 33	0 27	15 54	3 53	19 41	19 43	5 47	1 13	5 45
T 26	12 43	14 45	2 6	19 38	1 17	15 25	0 46	24 22	1 51	22 27	0 4	5 52	1 19	19 26	0 18	6 33	0 27	15 54	3 53	19 41	19 43	5 45	1 14	5 45
F 27	13 3	10 34	3 10	20 6	1 25	15 49	0 44	24 18	1 50	22 27	0 4	5 50	1 19	19 27	0 18	6 33	0 27	15 54	3 53	19 42	19 44	5 42	1 15	5 44
S 28	13 23	5 41	4 3	20 34	1 31	16 12	0 42	24 13	1 50	22 26	0 4	5 47	1 19	19 28	0 18	6 34	0 27	15 54	3 54	19 43	19 45	5 40	1 16	5 44
S 29	13 42	0 24	4 41	21 0	1 38	16 34	0 40	24 8	1 50	22 25	0 4	5 45	1 19	19 29	0 18	6 34	0 27	15 53	3 54	19 45	19 46	5 38	1 17	5 44
M30	14 1	4s55	4 59	21 25	1 45	16 56	0 38	24 2	1 49	22 24	0 4	5 43	1 19	19 30	0 18	6 34	0 27	15 53	3 54	19 47	19 46	5 36	1 18	5 43
T 31	14s20	9s56	4n57	21s50	1s52	17s18	0n36	23s57	1s49	22s23	0n 4	5n41	1n19	19s30	0n18	6s35	0s27	15n53	3s54	19n50	19n47	5s34	1s19	5n43

Julian Day Number = 3056660.5, Delta T = 02h29m22s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°57'59, Lahiri = 47°04'59

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

NOVEMBER 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 46 45	9♏51'14	24♏30	1♐33	22♏20	17♑47	14♑35	18♍43	29♏14	14°R11	1°R18	0°R28	0♌50	25♓49	13°R 2	W 1
T 2	2 50 42	10°50'23	8♐48	2°54	23°35	18°29	14°44	18°48	29°18	14♓10	1♌17	0♌18	0°46	25°56	13♓ 1	T 2
F 3	2 54 38	11°49'33	22°40	4°13	24°49	19°11	14°53	18°54	29°21	14°10	1°17	0°11	0°43	26° 2	13° 0	F 3
S 4	2 58 35	12°48'45	6♑ 4	5°31	26° 4	19°53	15° 3	19° 0	29°25	14° 9	1°17	0° 7	0°40	26° 9	12°59	S 4
S 5	3 2 31	13°47'59	19° 1	6°49	27°19	20°36	15°12	19° 5	29°29	14° 8	1°17	0° 5	0°37	26°16	12°58	S 5
M 6	3 6 28	14°47'15	1♒35	8° 4	28°33	21°18	15°22	19°11	29°32	14° 8	1°17	0°D 4	0°34	26°22	12°57	M 6
T 7	3 10 25	15°46'32	13°50	9°18	29°48	22° 1	15°32	19°16	29°36	14° 7	1°17	0°R 4	0°31	26°29	12°56	T 7
W 8	3 14 21	16°45'51	25°51	10°31	1♐ 2	22°44	15°41	19°21	29°40	14° 7	1°17	0° 4	0°27	26°36	12°55	W 8
T 9	3 18 18	17°45'12	7♓44	11°42	2°17	23°26	15°51	19°27	29°43	14° 6	1°17	0° 2	0°24	26°43	12°54	T 9
F 10	3 22 14	18°44'34	19°34	12°51	3°31	24° 9	16° 1	19°32	29°47	14° 6	1°16	29♋58	0°21	26°49	12°54	F 10
S 11	3 26 11	19°43'58	1♈25	13°59	4°46	24°52	16°12	19°37	29°51	14° 5	1°16	29°51	0°18	26°56	12°53	S 11
S 12	3 30 7	20°43'24	13°21	15° 4	6° 1	25°36	16°22	19°42	29°55	14° 5	1°16	29°42	0°15	27° 3	12°52	S 12
M13	3 34 4	21°42'51	25°26	16° 7	7°15	26°19	16°32	19°47	29°58	14° 4	1°15	29°30	0°11	27° 9	12°52	M13
T 14	3 38 0	22°42'21	7♉40	17° 7	8°30	27° 2	16°43	19°52	0♐ 2	14° 4	1°15	29°18	0° 8	27°16	12°51	T 14
W15	3 41 57	23°41'52	20° 6	18° 4	9°44	27°45	16°53	19°56	0° 6	14° 4	1°15	29° 6	0° 5	27°23	12°51	W15
T 16	3 45 54	24°41'25	2♊44	18°59	10°59	28°29	17° 4	20° 1	0° 9	14° 3	1°14	28°55	0° 2	27°29	12°50	T 16
F 17	3 49 50	25°41'01	15°32	19°49	12°13	29°13	17°15	20° 6	0°13	14° 3	1°14	28°46	29♋59	27°36	12°50	F 17
S 18	3 53 47	26°40'38	28°32	20°36	13°28	29°56	17°25	20°10	0°17	14° 3	1°14	28°39	29°56	27°43	12°50	S 18
S 19	3 57 43	27°40'17	11♋43	21°19	14°43	0♒40	17°36	20°15	0°21	14° 3	1°13	28°35	29°52	27°50	12°50	S 19
M20	4 1 40	28°39'59	25° 4	21°57	15°57	1°24	17°47	20°19	0°25	14° 3	1°13	28°D34	29°49	27°56	12°50	M20
T 21	4 5 36	29°39'42	8♌38	22°30	17°12	2° 8	17°58	20°23	0°28	14° 2	1°12	28°34	29°46	28° 3	12°D50	T 21
W22	4 9 33	0♐39'28	22°23	22°58	18°26	2°52	18°10	20°27	0°32	14° 2	1°12	28°35	29°43	28°10	12°50	W22
T 23	4 13 29	1°39'16	6♍22	23°19	19°41	3°36	18°21	20°32	0°36	14° 2	1°11	28°R35	29°40	28°16	12°50	T 23
F 24	4 17 26	2°39'06	20°34	23°33	20°55	4°20	18°32	20°36	0°40	14°D 2	1°11	28°34	29°37	28°23	12°50	F 24
S 25	4 21 23	3°38'58	4♎56	23°R39	22°10	5° 4	18°44	20°40	0°43	14° 2	1°10	28°30	29°33	28°30	12°50	S 25
S 26	4 25 19	4°38'53	19°26	23°38	23°25	5°48	18°55	20°43	0°47	14° 2	1°10	28°24	29°30	28°36	12°50	S 26
M27	4 29 16	5°38'49	4♏ 0	23°27	24°39	6°33	19° 7	20°47	0°51	14° 2	1° 9	28°17	29°27	28°43	12°51	M27
T 28	4 33 12	6°38'47	18°30	23° 8	25°54	7°17	19°18	20°51	0°55	14° 3	1° 8	28° 8	29°24	28°50	12°51	T 28
W29	4 37 9	7°38'48	2♐50	22°39	27° 8	8° 2	19°30	20°54	0°58	14° 3	1° 8	28° 0	29°21	28°57	12°51	W29
T 30	4 41 5	8♐38'50	16♐53	22♐ 0	28♐23	8♒47	19♑42	20♍58	1♐ 2	14♓ 3	1♌ 7	27♋52	29♋17	29♓ 3	12♓52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s38	14s17	4n35	22s13	1s58	17s39	0n33	23s51	1s48	22s23	0n 4	5n39	1n20	19s31	0n18	6s35	0s27	15n53	3s54	19n52	19n48	5s32	1s19	5n42
T 2	14 57	17 41	3 56	22 35	2 4	18 0	0 31	23 45	1 48	22 22	0 3	5 37	1 20	19 32	0 18	6 35	0 27	15 53	3 54	19 54	19 48	5 29	1 20	5 42
F 3	15 15	19 58	3 4	22 56	2 10	18 20	0 29	23 39	1 48	22 21	0 3	5 35	1 20	19 33	0 18	6 35	0 27	15 53	3 54	19 56	19 49	5 27	1 21	5 42
S 4	15 33	21 2	2 4	23 16	2 16	18 40	0 26	23 32	1 47	22 20	0 3	5 33	1 20	19 34	0 18	6 36	0 27	15 53	3 54	19 57	19 50	5 25	1 22	5 41
S 5	15 50	20 56	0 58	23 35	2 22	19 0	0 24	23 25	1 47	22 19	0 3	5 31	1 20	19 34	0 18	6 36	0 27	15 53	3 54	19 57	19 50	5 23	1 22	5 41
M 6	16 8	19 46	0s 8	23 53	2 27	19 18	0 22	23 18	1 46	22 18	0 3	5 29	1 20	19 35	0 18	6 36	0 27	15 53	3 54	19 57	19 51	5 21	1 23	5 41
T 7	16 25	17 41	1 12	24 9	2 32	19 37	0 19	23 11	1 46	22 17	0 3	5 27	1 21	19 36	0 18	6 36	0 27	15 53	3 54	19 57	19 52	5 18	1 24	5 40
W 8	16 42	14 52	2 12	24 25	2 37	19 54	0 17	23 4	1 45	22 16	0 3	5 25	1 21	19 37	0 18	6 37	0 27	15 53	3 54	19 57	19 52	5 16	1 25	5 40
T 9	16 58	11 28	3 6	24 39	2 41	20 12	0 14	22 56	1 45	22 15	0 3	5 23	1 21	19 37	0 18	6 37	0 27	15 53	3 54	19 58	19 53	5 14	1 25	5 39
F 10	17 15	7 39	3 51	24 52	2 45	20 28	0 12	22 48	1 45	22 14	0 3	5 21	1 21	19 38	0 18	6 37	0 27	15 53	3 54	19 59	19 54	5 12	1 26	5 39
S 11	17 31	3 31	4 26	25 4	2 49	20 45	0 10	22 40	1 44	22 13	0 3	5 20	1 21	19 39	0 18	6 37	0 27	15 53	3 54	20 0	19 54	5 10	1 26	5 39
S 12	17 46	0n46	4 50	25 15	2 52	21 0	0 7	22 32	1 44	22 12	0 2	5 18	1 22	19 40	0 18	6 37	0 27	15 53	3 54	20 2	19 55	5 7	1 27	5 38
M13	18 2	5 4	5 1	25 25	2 55	21 15	0 5	22 23	1 43	22 10	0 2	5 16	1 22	19 41	0 18	6 37	0 27	15 53	3 54	20 4	19 56	5 5	1 28	5 38
T 14	18 17	9 13	4 59	25 33	2 58	21 29	0 2	22 15	1 43	22 9	0 2	5 14	1 22	19 41	0 17	6 37	0 27	15 53	3 54	20 7	19 56	5 3	1 28	5 37
W15	18 32	13 4	4 42	25 41	3 0	21 43	0s 1	22 6	1 42	22 8	0 2	5 13	1 22	19 42	0 17	6 38	0 27	15 53	3 54	20 9	19 57	5 1	1 29	5 37
T 16	18 46	16 24	4 12	25 46	3 1	21 56	0 3	21 56	1 42	22 7	0 2	5 11	1 22	19 43	0 17	6 38	0 27	15 54	3 54	20 12	19 58	4 59	1 29	5 37
F 17	19 0	19 0	3 28	25 51	3 1	22 9	0 6	21 47	1 41	22 6	0 2	5 9	1 23	19 44	0 17	6 38	0 27	15 54	3 54	20 13	19 58	4 56	1 30	5 36
S 18	19 14	20 40	2 33	25 55	3 1	22 21	0 8	21 37	1 41	22 4	0 2	5 8	1 23	19 45	0 17	6 38	0 27	15 54	3 54	20 15	19 59	4 54	1 30	5 36
S 19	19 28	21 14	1 29	25 57	3 0	22 32	0 11	21 27	1 40	22 3	0 2	5 6	1 23	19 45	0 17	6 38	0 27	15 54	3 54	20 16	20 0	4 52	1 31	5 35
M20	19 41	20 37	0 19	25 57	2 59	22 43	0 13	21 17	1 39	22 2	0 2	5 5	1 23	19 46	0 17	6 38	0 27	15 54	3 54	20 16	20 0	4 50	1 31	5 35
T 21	19 54	18 48	0n54	25 57	2 56	22 53	0 16	21 7	1 39	22 0	0 2	5 3	1 23	19 47	0 17	6 38	0 27	15 54	3 54	20 16	20 1	4 48	1 31	5 35
W22	20 6	15 53	2 4	25 55	2 52	23 2	0 18	20 56	1 38	21 59	0 1	5 2	1 24	19 48	0 17	6 38	0 27	15 54	3 54	20 16	20 2	4 45	1 32	5 34
T 23	20 18	12 1	3 8	25 51	2 48	23 11	0 21	20 46	1 38	21 57	0 1	5 1	1 24	19 49	0 17	6 38	0 27	15 54	3 54	20 16	20 2	4 43	1 32	5 34
F 24	20 30	7 25	4 2	25 46	2 42	23 18	0 23	20 35	1 37	21 56	0 1	4 59	1 24	19 49	0 17	6 38	0 27	15 54	3 54	20 16	20 3	4 41	1 33	5 33
S 25	20 42	2 22	4 41	25 39	2 34	23 26	0 26	20 24	1 37	21 55	0 1	4 58	1 24	19 50	0 17	6 38	0 27	15 54	3 54	20 17	20 4	4 39	1 33	5 33
S 26	20 53	2s52	5 2	25 30	2 26	23 32	0 29	20 12	1 36	21 53	0 1	4 57	1 25	19 51	0 17	6 38	0 27	15 54	3 54	20 18	20 4	4 37	1 33	5 32
M27	21 3	7 57	5 4	25 19	2 16	23 38	0 31	20 1	1 36	21 52	0 1	4 55	1 25	19 52	0 17	6 38	0 27	15 54	3 54	20 19	20 5	4 34	1 33	5 32
T 28	21 14	12 34	4 47	25 7	2 4	23 43	0 34	19 49	1 35	21 50	0 1	4 54	1 25	19 52	0 17	6 38	0 27	15 55	3 54	20 21	20 6	4 32	1 34	5 32
W29	21 23	16 25	4 12	24 52	1 51	23 48	0 36	19 37	1 34	21 48	0 1	4 53	1 25	19 53	0 17	6 38	0 27	15 55	3 55	20 23	20 6	4 30	1 34	5 31
T 30	21s33	19s14	3n22	24s35	1s36	23s51	0s39	19s25	1s34	21s47	0n 1	4n52	1n25	19s54	0n17	6s38	0s27	15n55	3s55	20n24	20n 7	4s28	1s34	5n31

Julian Day Number = 3056691.5, Delta T = 02h29m23s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'03, Lahiri = 47°05'04

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ASTRODIENST EPHEMERIS for the year 3656
geocentric

DECEMBER 3656 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 45 2	9♐38'54	0♑36	21°R12	29♐38	9♒31	19♑54	21♍ 1	1♐ 6	14♓ 3	1°R 6	27°R47	29♋14	29♓10	12♓53	F 1
S 2	4 48 58	10°39'00	13°56	20♐15	0♑52	10°16	20° 6	21° 4	1°10	14° 3	1♌ 6	27♋44	29°11	29°17	12°53	S 2
S 3	4 52 55	11°39'07	26°52	19° 9	2° 7	11° 1	20°18	21° 7	1°13	14° 4	1° 5	27°D43	29° 8	29°23	12°54	S 3
M 4	4 56 52	12°39'16	9♒27	17°57	3°21	11°46	20°30	21°11	1°17	14° 4	1° 4	27°44	29° 5	29°30	12°55	M 4
T 5	5 0 48	13°39'26	21°44	16°40	4°36	12°31	20°42	21°13	1°21	14° 4	1° 4	27°45	29° 2	29°37	12°55	T 5
W 6	5 4 45	14°39'38	3♓48	15°21	5°51	13°16	20°54	21°16	1°25	14° 5	1° 3	27°46	28°58	29°44	12°56	W 6
T 7	5 8 41	15°39'51	15°42	14° 1	7° 5	14° 1	21° 7	21°19	1°28	14° 5	1° 2	27°R47	28°55	29°50	12°57	T 7
F 8	5 12 38	16°40'05	27°34	12°44	8°20	14°46	21°19	21°22	1°32	14° 6	1° 1	27°46	28°52	29°57	12°58	F 8
S 9	5 16 34	17°40'21	9♈26	11°31	9°34	15°31	21°32	21°24	1°36	14° 6	1° 0	27°44	28°49	0♈ 4	12°59	S 9
S 10	5 20 31	18°40'38	21°25	10°26	10°49	16°17	21°44	21°27	1°39	14° 7	0°59	27°39	28°46	0°10	13° 0	S 10
M11	5 24 27	19°40'57	3♉33	9°30	12° 4	17° 2	21°57	21°29	1°43	14° 7	0°59	27°34	28°42	0°17	13° 2	M11
T 12	5 28 24	20°41'17	15°55	8°45	13°18	17°47	22° 9	21°31	1°47	14° 8	0°58	27°27	28°39	0°24	13° 3	T 12
W13	5 32 21	21°41'38	28°32	8°10	14°33	18°33	22°22	21°33	1°50	14° 8	0°57	27°21	28°36	0°30	13° 4	W13
T 14	5 36 17	22°42'01	11♊25	7°48	15°47	19°18	22°35	21°35	1°54	14° 9	0°56	27°15	28°33	0°37	13° 5	T 14
F 15	5 40 14	23°42'26	24°33	7°D37	17° 2	20° 4	22°47	21°37	1°57	14°10	0°55	27°10	28°30	0°44	13° 7	F 15
S 16	5 44 10	24°42'52	7♋56	7°37	18°16	20°49	23° 0	21°39	2° 1	14°10	0°54	27° 7	28°27	0°51	13° 8	S 16
S 17	5 48 7	25°43'19	21°31	7°48	19°31	21°35	23°13	21°41	2° 4	14°11	0°53	27°D 5	28°23	0°57	13°10	S 17
M18	5 52 3	26°43'48	5♌18	8° 9	20°45	22°21	23°26	21°42	2° 8	14°12	0°52	27° 5	28°20	1° 4	13°11	M18
T 19	5 56 0	27°44'19	19°13	8°39	22° 0	23° 6	23°39	21°44	2°11	14°13	0°51	27° 7	28°17	1°11	13°13	T 19
W20	5 59 57	28°44'51	3♍14	9°17	23°14	23°52	23°52	21°45	2°15	14°14	0°50	27° 8	28°14	1°17	13°15	W20
T 21	6 3 53	29°45'25	17°20	10° 2	24°29	24°38	24° 5	21°47	2°18	14°14	0°49	27° 9	28°11	1°24	13°17	T 21
F 22	6 7 50	0♑46'00	1♎30	10°54	25°43	25°24	24°18	21°48	2°22	14°15	0°48	27°R10	28° 8	1°31	13°18	F 22
S 23	6 11 46	1°46'37	15°41	11°51	26°58	26°10	24°31	21°49	2°25	14°16	0°47	27° 9	28° 4	1°38	13°20	S 23
S 24	6 15 43	2°47'16	29°51	12°53	28°12	26°56	24°45	21°50	2°29	14°17	0°46	27° 7	28° 1	1°44	13°22	S 24
M25	6 19 39	3°47'56	13♏58	13°59	29°27	27°42	24°58	21°51	2°32	14°18	0°45	27° 5	27°58	1°51	13°24	M25
T 26	6 23 36	4°48'38	27°59	15° 9	0♒41	28°28	25°11	21°51	2°35	14°19	0°44	27° 1	27°55	1°58	13°26	T 26
W27	6 27 32	5°49'22	11♐49	16°22	1°56	29°14	25°24	21°52	2°39	14°20	0°43	26°58	27°52	2° 4	13°28	W27
T 28	6 31 29	6°50'06	25°27	17°38	3°10	0♓ 0	25°38	21°52	2°42	14°22	0°42	26°55	27°48	2°11	13°30	T 28
F 29	6 35 26	7°50'52	8♑50	18°56	4°25	0°46	25°51	21°53	2°45	14°23	0°41	26°53	27°45	2°18	13°33	F 29
S 30	6 39 22	8°51'39	21°55	20°16	5°39	1°33	26° 5	21°53	2°49	14°24	0°40	26°D52	27°42	2°25	13°35	S 30
S 31	6 43 19	9♑52'27	4♒43	21♐38	6♒54	2♓19	26♑18	21♍53	2♐52	14♓25	0♌38	26♋53	27♋39	2♈31	13♓37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s42	20s52	2n21	24s16	1s20	23s54	0s41	19s12	1s33	21s45	0n 1	4n51	1n26	19s55	0n17	6s38	0s27	15n55	3s55	20n25	20n 8	4s25	1s34	5n30
S 2	21 51	21 17	1 14	23 54	1 2	23 57	0 43	19 0	1 33	21 44	0 1	4 50	1 26	19 56	0 17	6 38	0 27	15 55	3 55	20 26	20 8	4 23	1 34	5 30
S 3	21 59	20 31	0 5	23 30	0 43	23 58	0 46	18 47	1 32	21 42	0 0	4 49	1 26	19 56	0 17	6 38	0 27	15 55	3 55	20 26	20 9	4 21	1 34	5 30
M 4	22 7	18 45	1s 3	23 4	0 23	23 59	0 48	18 34	1 31	21 40	0 0	4 48	1 26	19 57	0 17	6 37	0 27	15 55	3 55	20 26	20 10	4 19	1 35	5 29
T 5	22 14	16 8	2 6	22 37	0 3	23 59	0 51	18 21	1 31	21 39	0 0	4 47	1 27	19 58	0 17	6 37	0 27	15 55	3 55	20 26	20 10	4 16	1 35	5 29
W 6	22 21	12 52	3 3	22 8	0n18	23 59	0 53	18 8	1 30	21 37	0 0	4 46	1 27	19 59	0 17	6 37	0 27	15 56	3 55	20 25	20 11	4 14	1 35	5 28
T 7	22 28	9 8	3 51	21 39	0 38	23 58	0 55	17 54	1 29	21 35	0 0	4 45	1 27	19 59	0 17	6 37	0 27	15 56	3 55	20 25	20 12	4 12	1 35	5 28
F 8	22 34	5 4	4 28	21 11	0 57	23 55	0 58	17 40	1 29	21 33	0 0	4 44	1 27	20 0	0 17	6 37	0 27	15 56	3 55	20 25	20 12	4 10	1 35	5 28
S 9	22 40	0 49	4 55	20 43	1 15	23 53	1 0	17 27	1 28	21 31	0s 0	4 43	1 27	20 1	0 17	6 37	0 27	15 56	3 55	20 26	20 13	4 7	1 35	5 27
S 10	22 45	3n30	5 8	20 18	1 32	23 49	1 2	17 12	1 27	21 29	0 0	4 42	1 28	20 2	0 17	6 36	0 26	15 56	3 55	20 27	20 13	4 5	1 35	5 27
M11	22 50	7 45	5 9	19 55	1 46	23 45	1 4	16 58	1 27	21 28	0 0	4 42	1 28	20 2	0 17	6 36	0 26	15 56	3 55	20 28	20 14	4 3	1 35	5 26
T 12	22 54	11 45	4 54	19 36	1 59	23 40	1 6	16 44	1 26	21 26	0 0	4 41	1 28	20 3	0 17	6 36	0 26	15 57	3 55	20 29	20 15	4 1	1 34	5 26
W13	22 58	15 20	4 26	19 21	2 9	23 35	1 9	16 29	1 25	21 24	0 0	4 41	1 28	20 4	0 17	6 36	0 26	15 57	3 55	20 30	20 15	3 58	1 34	5 26
T 14	23 2	18 15	3 43	19 9	2 18	23 28	1 11	16 15	1 25	21 22	0 1	4 40	1 29	20 4	0 17	6 35	0 26	15 57	3 55	20 31	20 16	3 56	1 34	5 25
F 15	23 5	20 19	2 48	19 1	2 24	23 21	1 13	16 0	1 24	21 20	0 1	4 39	1 29	20 5	0 17	6 35	0 26	15 57	3 55	20 32	20 17	3 54	1 34	5 25
S 16	23 7	21 17	1 43	18 57	2 28	23 13	1 15	15 45	1 23	21 18	0 1	4 39	1 29	20 6	0 17	6 35	0 26	15 57	3 55	20 33	20 17	3 52	1 34	5 24
S 17	23 9	21 1	0 30	18 56	2 31	23 5	1 17	15 29	1 23	21 16	0 1	4 38	1 29	20 7	0 17	6 35	0 26	15 58	3 55	20 33	20 18	3 49	1 34	5 24
M18	23 11	19 30	0n45	18 58	2 32	22 56	1 19	15 14	1 22	21 14	0 1	4 38	1 30	20 7	0 17	6 34	0 26	15 58	3 55	20 33	20 19	3 47	1 33	5 24
T 19	23 12	16 48	1 58	19 3	2 32	22 46	1 20	14 58	1 21	21 11	0 1	4 38	1 30	20 8	0 17	6 34	0 26	15 58	3 55	20 33	20 19	3 45	1 33	5 23
W20	23 13	13 7	3 5	19 10	2 30	22 36	1 22	14 43	1 21	21 9	0 1	4 37	1 30	20 9	0 17	6 34	0 26	15 58	3 55	20 33	20 20	3 43	1 33	5 23
T 21	23 13	8 40	4 2	19 19	2 28	22 25	1 24	14 27	1 20	21 7	0 1	4 37	1 30	20 9	0 17	6 33	0 26	15 58	3 55	20 32	20 20	3 40	1 32	5 22
F 22	23 13	3 45	4 43	19 30	2 24	22 13	1 26	14 11	1 19	21 5	0 1	4 37	1 31	20 10	0 17	6 33	0 26	15 59	3 55	20 32	20 21	3 38	1 32	5 22
S 23	23 13	1s22	5 8	19 42	2 20	22 0	1 27	13 55	1 18	21 3	0 1	4 37	1 31	20 11	0 17	6 33	0 26	15 59	3 55	20 32	20 22	3 36	1 32	5 22
S 24	23 12	6 25	5 14	19 55	2 15	21 47	1 29	13 39	1 18	21 1	0 1	4 37	1 31	20 11	0 17	6 32	0 26	15 59	3 55	20 33	20 22	3 33	1 31	5 21
M25	23 10	11 6	5 1	20 8	2 9	21 33	1 30	13 22	1 17	20 58	0 1	4 36	1 31	20 12	0 17	6 32	0 26	15 59	3 55	20 33	20 23	3 31	1 31	5 21
T 26	23 8	15 9	4 30	20 22	2 3	21 19	1 32	13 6	1 16	20 56	0 2	4 36	1 32	20 13	0 17	6 31	0 26	16 0	3 55	20 34	20 24	3 29	1 31	5 21
W27	23 6	18 19	3 43	20 36	1 56	21 4	1 33	12 49	1 15	20 54	0 2	4 36	1 32	20 13	0 17	6 31	0 26	16 0	3 55	20 35	20 24	3 27	1 30	5 20
T 28	23 3	20 24	2 45	20 50	1 50	20 48	1 35	12 32	1 15	20 51	0 2	4 36	1 32	20 14	0 17	6 31	0 26	16 0	3 55	20 35	20 25	3 24	1 30	5 20
F 29	23 0	21 18	1 38	21 4	1 42	20 32	1 36	12 15	1 14	20 49	0 2	4 37	1 32	20 14	0 17	6 30	0 26	16 0	3 55	20 36	20 25	3 22	1 29	5 20
S 30	22 56	21 1	0 27	21 17	1 35	20 15	1 37	11 58	1 13	20 47	0 2	4 37	1 32	20 15	0 17	6 30	0 26	16 0	3 55	20 36	20 26	3 20	1 29	5 19
S 31	22s52	19s37	0s43	21s30	1n28	19s58	1s38	11s41	1s12	20s44	0s 2	4n37	1n33	20s16	0n17	6s29	0s26	16n 1	3s55	20n36	20n27	3s17	1s28	5n19

Julian Day Number = 3056721.5, Delta T = 02h29m24s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'07, Lahiri = 47°05'08

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3657
geocentric

JANUARY 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 47 15	10♑53'16	17♒14	23♐ 1	8♒ 8	3♓ 5	26♑31	21°R53	2♐55	14♓26	0°R37	26♋53	27♋36	2♈38	13♓40	M 1
T 2	6 51 12	11°54'06	29°30	24°26	9°23	3°51	26°45	21♍53	2°58	14°28	0♌36	26°55	27°33	2°45	13°42	T 2
W 3	6 55 8	12°54'57	11♓34	25°51	10°37	4°38	26°59	21°53	3° 1	14°29	0°35	26°56	27°29	2°51	13°44	W 3
T 4	6 59 5	13°55'48	23°30	27°18	11°51	5°24	27°12	21°53	3° 4	14°30	0°34	26°57	27°26	2°58	13°47	T 4
F 5	7 3 1	14°56'40	5♈21	28°45	13° 6	6°11	27°26	21°52	3° 7	14°31	0°33	26°58	27°23	3° 5	13°49	F 5
S 6	7 6 58	15°57'32	17°14	0♑13	14°20	6°57	27°39	21°52	3°10	14°33	0°32	26°R58	27°20	3°11	13°52	S 6
S 7	7 10 55	16°58'26	29°12	1°42	15°34	7°44	27°53	21°51	3°13	14°34	0°30	26°58	27°17	3°18	13°55	S 7
M 8	7 14 51	17°59'19	11♉20	3°11	16°49	8°30	28° 7	21°50	3°16	14°36	0°29	26°57	27°14	3°25	13°57	M 8
T 9	7 18 48	19° 0'14	23°43	4°41	18° 3	9°17	28°20	21°49	3°19	14°37	0°28	26°56	27°10	3°32	14° 0	T 9
W10	7 22 44	20° 1'09	6♊24	6°11	19°17	10° 3	28°34	21°48	3°22	14°39	0°27	26°55	27° 7	3°38	14° 3	W10
T 11	7 26 41	21° 2'05	19°25	7°41	20°32	10°50	28°48	21°47	3°25	14°40	0°26	26°54	27° 4	3°45	14° 6	T 11
F 12	7 30 37	22° 3'01	2♋47	9°12	21°46	11°36	29° 1	21°46	3°28	14°42	0°24	26°54	27° 1	3°52	14° 9	F 12
S 13	7 34 34	23° 3'58	16°29	10°43	23° 0	12°23	29°15	21°45	3°31	14°43	0°23	26°54	26°58	3°58	14°12	S 13
S 14	7 38 31	24° 4'55	0♌30	12°14	24°14	13° 9	29°29	21°43	3°33	14°45	0°22	26°D53	26°55	4° 5	14°15	S 14
M15	7 42 27	25° 5'53	14°45	13°45	25°28	13°56	29°43	21°42	3°36	14°46	0°21	26°54	26°51	4°12	14°18	M15
T 16	7 46 24	26° 6'52	29°10	15°17	26°43	14°43	29°56	21°40	3°39	14°48	0°20	26°54	26°48	4°19	14°21	T 16
W17	7 50 20	27° 7'51	13♍38	16°49	27°57	15°29	0♒10	21°39	3°41	14°50	0°18	26°R54	26°45	4°25	14°24	W17
T 18	7 54 17	28° 8'51	28° 6	18°21	29°11	16°16	0°24	21°37	3°44	14°51	0°17	26°54	26°42	4°32	14°27	T 18
F 19	7 58 13	29° 9'52	12♎28	19°54	0♓25	17° 3	0°38	21°35	3°47	14°53	0°16	26°53	26°39	4°39	14°30	F 19
S 20	8 2 10	0♒10'53	26°42	21°27	1°39	17°49	0°51	21°33	3°49	14°55	0°15	26°D53	26°35	4°45	14°33	S 20
S 21	8 6 6	1°11'56	10♏44	23° 0	2°53	18°36	1° 5	21°31	3°51	14°57	0°13	26°53	26°32	4°52	14°36	S 21
M22	8 10 3	2°12'59	24°34	24°33	4° 7	19°23	1°19	21°28	3°54	14°58	0°12	26°54	26°29	4°59	14°40	M22
T 23	8 14 0	3°14'02	8♐11	26° 7	5°21	20° 9	1°33	21°26	3°56	15° 0	0°11	26°54	26°26	5° 6	14°43	T 23
W24	8 17 56	4°15'06	21°35	27°40	6°35	20°56	1°47	21°24	3°59	15° 2	0°10	26°55	26°23	5°12	14°46	W24
T 25	8 21 53	5°16'11	4♑46	29°15	7°48	21°43	2° 0	21°21	4° 1	15° 4	0° 9	26°56	26°20	5°19	14°50	T 25
F 26	8 25 49	6°17'16	17°43	0♒49	9° 2	22°30	2°14	21°18	4° 3	15° 6	0° 7	26°56	26°16	5°26	14°53	F 26
S 27	8 29 46	7°18'22	0♒28	2°24	10°16	23°16	2°28	21°16	4° 5	15° 8	0° 6	26°R56	26°13	5°32	14°57	S 27
S 28	8 33 42	8°19'27	13° 1	3°59	11°30	24° 3	2°42	21°13	4° 8	15° 9	0° 5	26°56	26°10	5°39	15° 0	S 28
M29	8 37 39	9°20'33	25°21	5°34	12°44	24°50	2°56	21°10	4°10	15°11	0° 4	26°55	26° 7	5°46	15° 4	M29
T 30	8 41 35	10°21'38	7♓31	7°10	13°57	25°37	3° 9	21° 7	4°12	15°13	0° 3	26°53	26° 4	5°53	15° 7	T 30
W31	8 45 32	11♒22'44	19♓33	8♒46	15♓11	26♓24	3♒23	21♍ 4	4♐14	15♓15	0♌ 1	26♋51	26♋ 0	5♈59	15♓11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s47	17s17	1s50	21s43	1n20	19s40	1s39	11s24	1s12	20s42	0s 2	4n37	1n33	20s16	0n17	6s29	0s26	16n 1	3s55	20n35	20n27	3s15	1s28	5n18
T 2	22 42	14 13	2 51	21 54	1 12	19 22	1 40	11 6	1 11	20 39	0 2	4 37	1 33	20 17	0 17	6 28	0 26	16 1	3 54	20 35	20 28	3 13	1 27	5 18
W 3	22 36	10 36	3 43	22 5	1 4	19 3	1 41	10 49	1 10	20 37	0 2	4 38	1 33	20 18	0 17	6 28	0 26	16 2	3 54	20 35	20 29	3 10	1 26	5 18
T 4	22 30	6 37	4 24	22 15	0 57	18 43	1 42	10 31	1 9	20 34	0 2	4 38	1 34	20 18	0 17	6 27	0 26	16 2	3 54	20 35	20 29	3 8	1 26	5 17
F 5	22 24	2 24	4 55	22 24	0 49	18 23	1 43	10 14	1 9	20 32	0 2	4 38	1 34	20 19	0 17	6 27	0 26	16 2	3 54	20 35	20 30	3 6	1 25	5 17
S 6	22 17	1n53	5 12	22 33	0 41	18 2	1 44	9 56	1 8	20 29	0 3	4 39	1 34	20 19	0 17	6 26	0 26	16 2	3 54	20 35	20 30	3 4	1 24	5 17
S 7	22 9	6 9	5 17	22 40	0 33	17 41	1 44	9 38	1 7	20 27	0 3	4 39	1 34	20 20	0 17	6 26	0 26	16 3	3 54	20 35	20 31	3 1	1 24	5 16
M 8	22 2	10 13	5 7	22 46	0 25	17 20	1 45	9 20	1 6	20 24	0 3	4 40	1 35	20 20	0 17	6 25	0 26	16 3	3 54	20 35	20 32	2 59	1 23	5 16
T 9	21 53	13 58	4 43	22 51	0 18	16 58	1 46	9 2	1 5	20 21	0 3	4 40	1 35	20 21	0 17	6 25	0 26	16 3	3 54	20 35	20 32	2 57	1 22	5 16
W10	21 45	17 10	4 5	22 55	0 10	16 35	1 46	8 44	1 5	20 19	0 3	4 41	1 35	20 22	0 17	6 24	0 26	16 3	3 54	20 35	20 33	2 54	1 21	5 15
T 11	21 36	19 36	3 13	22 57	0 3	16 12	1 46	8 26	1 4	20 16	0 3	4 42	1 35	20 22	0 17	6 23	0 26	16 4	3 54	20 35	20 33	2 52	1 21	5 15
F 12	21 26	21 2	2 10	22 59	0s 5	15 49	1 47	8 7	1 3	20 13	0 3	4 42	1 36	20 23	0 17	6 23	0 26	16 4	3 54	20 35	20 34	2 50	1 20	5 15
S 13	21 16	21 16	0 57	23 0	0 12	15 25	1 47	7 49	1 2	20 11	0 3	4 43	1 36	20 23	0 17	6 22	0 26	16 4	3 54	20 35	20 35	2 47	1 19	5 15
S 14	21 6	20 11	0n20	22 59	0 19	15 1	1 47	7 30	1 1	20 8	0 3	4 44	1 36	20 24	0 17	6 22	0 26	16 5	3 54	20 35	20 35	2 45	1 18	5 14
M15	20 55	17 49	1 38	22 57	0 26	14 36	1 47	7 12	1 1	20 5	0 3	4 44	1 36	20 24	0 17	6 21	0 26	16 5	3 54	20 35	20 36	2 43	1 17	5 14
T 16	20 44	14 19	2 50	22 54	0 33	14 11	1 47	6 53	1 0	20 2	0 3	4 45	1 37	20 25	0 17	6 20	0 26	16 5	3 54	20 35	20 36	2 40	1 17	5 14
W17	20 33	9 57	3 51	22 50	0 39	13 45	1 47	6 35	0 59	19 59	0 3	4 46	1 37	20 25	0 17	6 20	0 26	16 6	3 54	20 35	20 37	2 38	1 16	5 13
T 18	20 21	5 1	4 38	22 44	0 46	13 20	1 47	6 16	0 58	19 57	0 4	4 47	1 37	20 26	0 17	6 19	0 26	16 6	3 54	20 35	20 38	2 36	1 15	5 13
F 19	20 9	0s 9	5 7	22 37	0 52	12 53	1 47	5 57	0 57	19 54	0 4	4 48	1 37	20 26	0 17	6 18	0 26	16 6	3 54	20 35	20 38	2 33	1 14	5 13
S 20	19 56	5 16	5 17	22 29	0 58	12 27	1 46	5 38	0 56	19 51	0 4	4 49	1 37	20 27	0 17	6 18	0 26	16 6	3 54	20 36	20 39	2 31	1 13	5 12
S 21	19 43	10 1	5 8	22 20	1 4	12 0	1 46	5 20	0 56	19 48	0 4	4 50	1 38	20 27	0 17	6 17	0 26	16 7	3 54	20 35	20 40	2 29	1 12	5 12
M22	19 29	14 11	4 41	22 10	1 10	11 33	1 45	5 1	0 55	19 45	0 4	4 51	1 38	20 27	0 17	6 16	0 26	16 7	3 54	20 35	20 40	2 26	1 11	5 12
T 23	19 16	17 33	3 59	21 58	1 15	11 6	1 45	4 42	0 54	19 42	0 4	4 52	1 38	20 28	0 17	6 16	0 26	16 7	3 54	20 35	20 41	2 24	1 10	5 12
W24	19 1	19 54	3 4	21 45	1 20	10 38	1 44	4 23	0 53	19 39	0 4	4 54	1 38	20 28	0 17	6 15	0 26	16 8	3 54	20 35	20 41	2 22	1 9	5 11
T 25	18 47	21 9	2 0	21 31	1 25	10 10	1 43	4 4	0 52	19 36	0 4	4 55	1 39	20 29	0 17	6 14	0 26	16 8	3 53	20 35	20 42	2 19	1 8	5 11
F 26	18 32	21 13	0 51	21 16	1 30	9 42	1 42	3 45	0 52	19 33	0 4	4 56	1 39	20 29	0 17	6 14	0 26	16 8	3 53	20 35	20 42	2 17	1 7	5 11
S 27	18 17	20 11	0s20	20 59	1 35	9 13	1 41	3 25	0 51	19 30	0 4	4 57	1 39	20 29	0 17	6 13	0 26	16 9	3 53	20 35	20 43	2 15	1 6	5 11
S 28	18 1	18 10	1 28	20 42	1 39	8 44	1 40	3 6	0 50	19 27	0 4	4 59	1 39	20 30	0 17	6 12	0 26	16 9	3 53	20 35	20 44	2 12	1 5	5 10
M29	17 45	15 20	2 31	20 23	1 43	8 15	1 39	2 47	0 49	19 24	0 5	5 0	1 39	20 30	0 17	6 11	0 26	16 9	3 53	20 35	20 44	2 10	1 3	5 10
T 30	17 29	11 52	3 26	20 3	1 47	7 46	1 38	2 28	0 48	19 21	0 5	5 1	1 40	20 31	0 17	6 11	0 26	16 10	3 53	20 36	20 45	2 8	1 2	5 10
W31	17s13	7s58	4s11	19s41	1s51	7s17	1s37	2s 9	0s47	19s18	0s 5	5n 3	1n40	20s31	0n17	6s10	0s26	16n10	3s53	20n36	20n45	2s 5	1s 1	5n10

Julian Day Number = 3056752.5, Delta T = 02h29m25s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'12, Lahiri = 47°05'12

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

FEBRUARY 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 49 29	12♒23'49	1♈27	10♒23	16♓25	27♓10	3♒37	21°R 1	4♐16	15♓17	0°R 0	26°R48	25♋57	6♈ 6	15♓14	T 1
F 2	8 53 25	13°24'54	13°19	12° 0	17°38	27°57	3°51	20♍57	4°18	15°19	29♋59	26♋46	25°54	6°13	15°18	F 2
S 3	8 57 22	14°25'59	25°10	13°37	18°52	28°44	4° 4	20°54	4°19	15°21	29°58	26°44	25°51	6°19	15°22	S 3
S 4	9 1 18	15°27'03	7♉ 6	15°15	20° 5	29°31	4°18	20°50	4°21	15°23	29°57	26°43	25°48	6°26	15°25	S 4
M 5	9 5 15	16°28'07	19°11	16°53	21°19	0♈17	4°32	20°47	4°23	15°25	29°55	26°D43	25°45	6°33	15°29	M 5
T 6	9 9 11	17°29'11	1♊30	18°32	22°32	1° 4	4°45	20°43	4°25	15°27	29°54	26°43	25°41	6°40	15°33	T 6
W 7	9 13 8	18°30'14	14° 7	20°11	23°45	1°51	4°59	20°40	4°26	15°29	29°53	26°45	25°38	6°46	15°36	W 7
T 8	9 17 4	19°31'16	27° 6	21°50	24°59	2°38	5°13	20°36	4°28	15°32	29°52	26°46	25°35	6°53	15°40	T 8
F 9	9 21 1	20°32'18	10♋30	23°30	26°12	3°24	5°26	20°32	4°30	15°34	29°51	26°48	25°32	7° 0	15°44	F 9
S 10	9 24 58	21°33'20	24°21	25°11	27°25	4°11	5°40	20°28	4°31	15°36	29°50	26°R48	25°29	7° 6	15°48	S 10
S 11	9 28 54	22°34'21	8♌36	26°52	28°38	4°58	5°53	20°24	4°32	15°38	29°49	26°48	25°26	7°13	15°52	S 11
M12	9 32 51	23°35'22	23°12	28°33	29°51	5°44	6° 7	20°20	4°34	15°40	29°47	26°46	25°22	7°20	15°56	M12
T 13	9 36 47	24°36'22	8♍ 4	0♓15	1♈ 4	6°31	6°20	20°16	4°35	15°42	29°46	26°43	25°19	7°27	15°59	T 13
W14	9 40 44	25°37'21	23° 2	1°57	2°17	7°18	6°34	20°12	4°37	15°44	29°45	26°39	25°16	7°33	16° 3	W14
T 15	9 44 40	26°38'21	7♎57	3°40	3°30	8° 4	6°47	20° 8	4°38	15°46	29°44	26°35	25°13	7°40	16° 7	T 15
F 16	9 48 37	27°39'20	22°43	5°22	4°42	8°51	7° 1	20° 3	4°39	15°49	29°43	26°30	25°10	7°47	16°11	F 16
S 17	9 52 33	28°40'18	7♏12	7° 6	5°55	9°38	7°14	19°59	4°40	15°51	29°42	26°27	25° 6	7°53	16°15	S 17
S 18	9 56 30	29°41'17	21°21	8°49	7° 8	10°24	7°27	19°55	4°41	15°53	29°41	26°26	25° 3	8° 0	16°19	S 18
M19	10 0 27	0♓42'15	5♐ 8	10°32	8°20	11°11	7°41	19°50	4°42	15°55	29°40	26°D25	25° 0	8° 7	16°23	M19
T 20	10 4 23	1°43'13	18°34	12°16	9°33	11°57	7°54	19°46	4°43	15°57	29°39	26°26	24°57	8°14	16°27	T 20
W21	10 8 20	2°44'10	1♑42	13°59	10°45	12°44	8° 7	19°41	4°44	16° 0	29°38	26°28	24°54	8°20	16°31	W21
T 22	10 12 16	3°45'07	14°33	15°42	11°57	13°31	8°20	19°37	4°45	16° 2	29°37	26°30	24°51	8°27	16°35	T 22
F 23	10 16 13	4°46'03	27°10	17°25	13°10	14°17	8°33	19°32	4°46	16° 4	29°36	26°R30	24°47	8°34	16°39	F 23
S 24	10 20 9	5°46'59	9♒35	19° 6	14°22	15° 4	8°46	19°27	4°47	16° 6	29°35	26°29	24°44	8°40	16°43	S 24
S 25	10 24 6	6°47'54	21°51	20°47	15°34	15°50	9° 0	19°23	4°47	16° 9	29°34	26°26	24°41	8°47	16°47	S 25
M26	10 28 2	7°48'48	3♓59	22°27	16°46	16°37	9°13	19°18	4°48	16°11	29°33	26°21	24°38	8°54	16°51	M26
T 27	10 31 59	8°49'41	16° 1	24° 4	17°58	17°23	9°25	19°13	4°49	16°13	29°32	26°14	24°35	9° 1	16°56	T 27
W28	10 35 56	9♓50'34	27♓58	25♓40	19♈ 9	18♈ 9	9♒38	19♍ 8	4♐49	16♓15	29♋31	26♋ 6	24♋32	9♈ 7	17♓ 0	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s56	3s48	4s45	19s19	1s54	6s47	1s35	1s50	0s47	19s15	0s 5	5n 4	1n40	20s31	0n17	6s 9	0s26	16n10	3s53	20n36	20n46	2s 3	1s 0	5n 9
F 2	16 39	0n29	5 7	18 55	1 57	6 17	1 34	1 30	0 46	19 12	0 5	5 6	1 40	20 32	0 17	6 8	0 26	16 11	3 53	20 37	20 47	2 1	0 59	5 9
S 3	16 21	4 45	5 15	18 30	1 59	5 47	1 33	1 11	0 45	19 9	0 5	5 7	1 40	20 32	0 17	6 8	0 26	16 11	3 53	20 37	20 47	1 58	0 58	5 9
S 4	16 4	8 52	5 10	18 3	2 2	5 17	1 31	0 52	0 44	19 6	0 5	5 9	1 41	20 32	0 17	6 7	0 26	16 11	3 53	20 38	20 48	1 56	0 57	5 9
M 5	15 46	12 41	4 52	17 36	2 4	4 47	1 29	0 33	0 43	19 3	0 5	5 10	1 41	20 33	0 17	6 6	0 26	16 11	3 53	20 38	20 48	1 54	0 55	5 9
T 6	15 27	16 2	4 19	17 7	2 5	4 17	1 27	0 14	0 42	18 59	0 5	5 12	1 41	20 33	0 17	6 5	0 26	16 12	3 53	20 37	20 49	1 51	0 54	5 8
W 7	15 9	18 45	3 34	16 38	2 6	3 46	1 26	0n 6	0 42	18 56	0 5	5 13	1 41	20 33	0 17	6 5	0 26	16 12	3 53	20 37	20 50	1 49	0 53	5 8
T 8	14 50	20 35	2 36	16 7	2 7	3 16	1 24	0 25	0 41	18 53	0 5	5 15	1 41	20 34	0 17	6 4	0 26	16 12	3 52	20 37	20 50	1 47	0 52	5 8
F 9	14 31	21 21	1 29	15 35	2 8	2 45	1 22	0 44	0 40	18 50	0 6	5 17	1 42	20 34	0 17	6 3	0 26	16 13	3 52	20 37	20 51	1 44	0 50	5 8
S 10	14 12	20 50	0 14	15 1	2 8	2 14	1 20	1 3	0 39	18 47	0 6	5 18	1 42	20 34	0 17	6 2	0 26	16 13	3 52	20 36	20 51	1 42	0 49	5 8
S 11	13 52	18 59	1n 4	14 27	2 7	1 43	1 17	1 22	0 38	18 43	0 6	5 20	1 42	20 34	0 17	6 1	0 26	16 13	3 52	20 37	20 52	1 40	0 48	5 7
M12	13 32	15 52	2 20	13 51	2 7	1 13	1 15	1 41	0 37	18 40	0 6	5 22	1 42	20 35	0 17	6 0	0 26	16 14	3 52	20 37	20 52	1 37	0 46	5 7
T 13	13 12	11 41	3 27	13 14	2 5	0 42	1 13	2 0	0 37	18 37	0 6	5 24	1 42	20 35	0 17	6 0	0 26	16 14	3 52	20 37	20 53	1 35	0 45	5 7
W14	12 52	6 44	4 21	12 37	2 4	0 11	1 10	2 19	0 36	18 34	0 6	5 25	1 42	20 35	0 17	5 59	0 26	16 14	3 52	20 38	20 54	1 32	0 44	5 7
T 15	12 31	1 25	4 56	11 58	2 1	0n20	1 8	2 38	0 35	18 31	0 6	5 27	1 43	20 35	0 17	5 58	0 26	16 15	3 52	20 39	20 54	1 30	0 42	5 7
F 16	12 11	3s55	5 12	11 18	1 59	0 51	1 5	2 57	0 34	18 27	0 6	5 29	1 43	20 36	0 17	5 57	0 26	16 15	3 52	20 40	20 55	1 28	0 41	5 7
S 17	11 50	8 57	5 7	10 37	1 55	1 22	1 3	3 16	0 33	18 24	0 6	5 31	1 43	20 36	0 17	5 56	0 26	16 15	3 52	20 40	20 55	1 25	0 40	5 6
S 18	11 29	13 22	4 44	9 55	1 51	1 53	1 0	3 35	0 32	18 21	0 6	5 33	1 43	20 36	0 17	5 56	0 26	16 16	3 51	20 41	20 56	1 23	0 38	5 6
M19	11 8	16 57	4 4	9 12	1 47	2 24	0 57	3 54	0 32	18 17	0 6	5 35	1 43	20 36	0 17	5 55	0 26	16 16	3 51	20 41	20 56	1 21	0 37	5 6
T 20	10 46	19 33	3 12	8 28	1 42	2 55	0 54	4 13	0 31	18 14	0 7	5 36	1 43	20 36	0 17	5 54	0 26	16 16	3 51	20 41	20 57	1 18	0 36	5 6
W21	10 24	21 2	2 11	7 44	1 36	3 26	0 51	4 32	0 30	18 11	0 7	5 38	1 44	20 36	0 17	5 53	0 26	16 16	3 51	20 40	20 58	1 16	0 34	5 6
T 22	10 3	21 22	1 5	6 58	1 30	3 57	0 48	4 50	0 29	18 8	0 7	5 40	1 44	20 37	0 17	5 52	0 26	16 17	3 51	20 40	20 58	1 13	0 33	5 6
F 23	9 41	20 36	0s 4	6 12	1 23	4 27	0 45	5 9	0 28	18 4	0 7	5 42	1 44	20 37	0 17	5 51	0 26	16 17	3 51	20 40	20 59	1 11	0 31	5 6
S 24	9 19	18 50	1 11	5 26	1 15	4 58	0 42	5 28	0 27	18 1	0 7	5 44	1 44	20 37	0 17	5 50	0 26	16 17	3 51	20 40	20 59	1 9	0 30	5 5
S 25	8 56	16 12	2 13	4 39	1 7	5 28	0 39	5 46	0 27	17 58	0 7	5 46	1 44	20 37	0 17	5 50	0 26	16 18	3 51	20 41	21 0	1 6	0 28	5 5
M26	8 34	12 54	3 9	3 51	0 58	5 59	0 36	6 5	0 26	17 54	0 7	5 48	1 44	20 37	0 17	5 49	0 26	16 18	3 51	20 42	21 0	1 4	0 27	5 5
T 27	8 11	9 6	3 56	3 4	0 48	6 29	0 32	6 23	0 25	17 51	0 7	5 50	1 44	20 37	0 17	5 48	0 26	16 18	3 51	20 43	21 1	1 1	0 25	5 5
W28	7s49	4s58	4s32	2s17	0s37	6n59	0s29	6n41	0s24	17s48	0s 7	5n52	1n44	20s37	0n18	5s47	0s26	16n19	3s50	20n44	21n 1	0s59	0s24	5n 5

Julian Day Number = 3056783.5, Delta T = 02h29m26s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'16, Lahiri = 47°05'16

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

MARCH 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 39 52	10♓51'25	9♈51	27♓13	20♈21	18♈56	9♒51	19°R 4	4♐50	16♓18	29°R30	25°R57	24♋28	9♈14	17♓ 4	T 1
F 2	10 43 49	11°52'15	21°42	28°43	21°33	19°42	10° 4	18♍59	4°50	16°20	29♋30	25♋48	24°25	9°21	17° 8	F 2
S 3	10 47 45	12°53'03	3♉33	0♈10	22°44	20°29	10°17	18°54	4°50	16°22	29°29	25°40	24°22	9°27	17°12	S 3
S 4	10 51 42	13°53'51	15°29	1°32	23°56	21°15	10°29	18°49	4°51	16°25	29°28	25°34	24°19	9°34	17°16	S 4
M 5	10 55 38	14°54'37	27°31	2°49	25° 7	22° 1	10°42	18°44	4°51	16°27	29°27	25°30	24°16	9°41	17°20	M 5
T 6	10 59 35	15°55'22	9♊46	4° 0	26°18	22°47	10°55	18°39	4°51	16°29	29°26	25°28	24°12	9°48	17°24	T 6
W 7	11 3 31	16°56'06	22°16	5° 5	27°29	23°34	11° 7	18°35	4°51	16°31	29°25	25°D28	24° 9	9°54	17°28	W 7
T 8	11 7 28	17°56'48	5♋ 8	6° 3	28°40	24°20	11°20	18°30	4°51	16°34	29°25	25°29	24° 6	10° 1	17°32	T 8
F 9	11 11 24	18°57'28	18°25	6°53	29°51	25° 6	11°32	18°25	4°R51	16°36	29°24	25°R30	24° 3	10° 8	17°37	F 9
S 10	11 15 21	19°58'08	2♌10	7°34	1♉ 2	25°52	11°44	18°20	4°51	16°38	29°23	25°30	24° 0	10°15	17°41	S 10
S 11	11 19 18	20°58'45	16°24	8° 6	2°12	26°38	11°57	18°15	4°51	16°41	29°23	25°28	23°57	10°21	17°45	S 11
M12	11 23 14	21°59'21	1♍ 6	8°28	3°23	27°24	12° 9	18°10	4°51	16°43	29°22	25°24	23°53	10°28	17°49	M12
T 13	11 27 11	22°59'56	16° 9	8°40	4°33	28°11	12°21	18° 5	4°51	16°45	29°21	25°17	23°50	10°35	17°53	T 13
W14	11 31 7	24° 0'29	1♎25	8°R42	5°43	28°57	12°33	18° 0	4°51	16°47	29°21	25° 8	23°47	10°41	17°57	W14
T 15	11 35 4	25° 1'01	16°42	8°33	6°53	29°42	12°45	17°56	4°50	16°50	29°20	24°59	23°44	10°48	18° 1	T 15
F 16	11 39 0	26° 1'31	1♏51	8°14	8° 3	0♉28	12°57	17°51	4°50	16°52	29°19	24°50	23°41	10°55	18° 5	F 16
S 17	11 42 57	27° 2'00	16°40	7°45	9°13	1°14	13° 9	17°46	4°50	16°54	29°19	24°42	23°37	11° 2	18° 9	S 17
S 18	11 46 53	28° 2'29	1♐ 4	7° 7	10°23	2° 0	13°20	17°41	4°49	16°56	29°18	24°37	23°34	11° 8	18°13	S 18
M19	11 50 50	29° 2'56	15° 0	6°22	11°32	2°46	13°32	17°36	4°49	16°59	29°18	24°34	23°31	11°15	18°17	M19
T 20	11 54 47	0♈ 3'22	28°29	5°29	12°41	3°32	13°44	17°32	4°48	17° 1	29°17	24°D33	23°28	11°22	18°21	T 20
W21	11 58 43	1° 3'46	11♑33	4°31	13°51	4°18	13°55	17°27	4°47	17° 3	29°17	24°33	23°25	11°28	18°25	W21
T 22	12 2 40	2° 4'10	24°16	3°29	15° 0	5° 3	14° 7	17°22	4°47	17° 5	29°16	24°R34	23°22	11°35	18°29	T 22
F 23	12 6 36	3° 4'32	6♒42	2°25	16° 9	5°49	14°18	17°18	4°46	17° 8	29°16	24°33	23°18	11°42	18°33	F 23
S 24	12 10 33	4° 4'53	18°55	1°20	17°17	6°35	14°29	17°13	4°45	17°10	29°15	24°30	23°15	11°49	18°37	S 24
S 25	12 14 29	5° 5'12	1♓ 0	0°16	18°26	7°20	14°41	17° 9	4°44	17°12	29°15	24°25	23°12	11°55	18°41	S 25
M26	12 18 26	6° 5'30	12°58	29♓14	19°34	8° 6	14°52	17° 4	4°44	17°14	29°14	24°16	23° 9	12° 2	18°45	M26
T 27	12 22 22	7° 5'46	24°52	28°16	20°42	8°52	15° 3	17° 0	4°43	17°16	29°14	24° 5	23° 6	12° 9	18°49	T 27
W28	12 26 19	8° 6'00	6♈45	27°23	21°50	9°37	15°14	16°55	4°42	17°18	29°14	23°52	23° 3	12°15	18°53	W28
T 29	12 30 15	9° 6'13	18°37	26°35	22°58	10°23	15°24	16°51	4°41	17°21	29°13	23°37	22°59	12°22	18°57	T 29
F 30	12 34 12	10° 6'24	0♉29	25°54	24° 6	11° 8	15°35	16°47	4°39	17°23	29°13	23°23	22°56	12°29	19° 1	F 30
S 31	12 38 9	11♈ 6'34	12♉24	25♓19	25♉13	11♉53	15♒46	16♍42	4♐38	17♓25	29♋13	23♋10	22♋53	12♈36	19♓ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s26	0s40	4s56	1s30	0s26	7n29	0s25	6n59	0s23	17s44	0s 7	5n54	1n45	20s37	0n18	5s46	0s26	16n19	3s50	20n46	21n 2	0s57	0s23	5n 5
F 2	7 3	3n38	5 7	0 43	0 14	7 59	0 22	7 18	0 22	17 41	0 8	5 56	1 45	20 37	0 18	5 45	0 26	16 19	3 50	20 48	21 3	0 54	0 21	5 5
S 3	6 40	7 48	5 4	0n 3	0 1	8 29	0 18	7 36	0 22	17 38	0 8	5 58	1 45	20 37	0 18	5 44	0 26	16 19	3 50	20 49	21 3	0 52	0 20	5 5
S 4	6 17	11 43	4 49	0 47	0n12	8 59	0 15	7 54	0 21	17 35	0 8	6 0	1 45	20 38	0 18	5 43	0 26	16 20	3 50	20 50	21 4	0 50	0 18	5 5
M 5	5 54	15 11	4 21	1 30	0 26	9 28	0 11	8 12	0 20	17 31	0 8	6 2	1 45	20 38	0 18	5 43	0 27	16 20	3 50	20 51	21 4	0 47	0 17	5 5
T 6	5 30	18 5	3 41	2 12	0 40	9 57	0 7	8 29	0 19	17 28	0 8	6 4	1 45	20 38	0 18	5 42	0 27	16 20	3 50	20 51	21 5	0 45	0 15	5 4
W 7	5 7	20 12	2 49	2 51	0 55	10 26	0 3	8 47	0 18	17 25	0 8	6 6	1 45	20 38	0 18	5 41	0 27	16 21	3 50	20 51	21 5	0 42	0 14	5 4
T 8	4 43	21 20	1 47	3 28	1 10	10 55	0n 0	9 5	0 18	17 21	0 8	6 8	1 45	20 38	0 18	5 40	0 27	16 21	3 49	20 51	21 6	0 40	0 12	5 4
F 9	4 20	21 21	0 38	4 2	1 26	11 23	0 4	9 22	0 17	17 18	0 8	6 10	1 45	20 38	0 18	5 39	0 27	16 21	3 49	20 51	21 6	0 38	0 11	5 4
S 10	3 56	20 5	0n36	4 32	1 41	11 51	0 8	9 40	0 16	17 15	0 8	6 12	1 45	20 38	0 18	5 38	0 27	16 21	3 49	20 51	21 7	0 35	0 9	5 4
S 11	3 33	17 31	1 50	4 59	1 57	12 19	0 12	9 57	0 15	17 12	0 8	6 14	1 45	20 38	0 18	5 37	0 27	16 22	3 49	20 51	21 8	0 33	0 7	5 4
M12	3 9	13 46	2 59	5 21	2 12	12 47	0 16	10 14	0 14	17 8	0 9	6 16	1 46	20 38	0 18	5 37	0 27	16 22	3 49	20 52	21 8	0 30	0 6	5 4
T 13	2 45	9 3	3 57	5 39	2 27	13 15	0 20	10 31	0 14	17 5	0 9	6 17	1 46	20 38	0 18	5 36	0 27	16 22	3 49	20 53	21 9	0 28	0 4	5 4
W14	2 22	3 43	4 39	5 53	2 40	13 42	0 24	10 48	0 13	17 2	0 9	6 19	1 46	20 37	0 18	5 35	0 27	16 22	3 49	20 55	21 9	0 26	0 3	5 4
T 15	1 58	1s52	5 1	6 1	2 53	14 9	0 29	11 5	0 12	16 59	0 9	6 21	1 46	20 37	0 18	5 34	0 27	16 23	3 49	20 57	21 10	0 23	0 1	5 4
F 16	1 34	7 17	5 2	6 4	3 5	14 35	0 33	11 22	0 11	16 55	0 9	6 23	1 46	20 37	0 18	5 33	0 27	16 23	3 48	20 58	21 10	0 21	0n 0	5 4
S 17	1 10	12 9	4 42	6 2	3 15	15 1	0 37	11 38	0 10	16 52	0 9	6 25	1 46	20 37	0 18	5 32	0 27	16 23	3 48	21 0	21 11	0 18	0 2	5 4
S 18	0 46	16 11	4 5	5 55	3 23	15 27	0 41	11 55	0 10	16 49	0 9	6 27	1 46	20 37	0 18	5 31	0 27	16 23	3 48	21 1	21 11	0 16	0 3	5 4
M19	0 22	19 10	3 14	5 43	3 30	15 53	0 45	12 11	0 9	16 46	0 9	6 29	1 46	20 37	0 18	5 30	0 27	16 24	3 48	21 1	21 12	0 13	0 5	5 4
T 20	0n 1	20 59	2 14	5 26	3 34	16 18	0 50	12 27	0 8	16 42	0 9	6 31	1 46	20 37	0 18	5 30	0 27	16 24	3 48	21 1	21 12	0 11	0 6	5 4
W21	0 25	21 35	1 9	5 6	3 36	16 43	0 54	12 43	0 7	16 39	0 10	6 33	1 46	20 37	0 18	5 29	0 27	16 24	3 48	21 1	21 13	0 9	0 8	5 4
T 22	0 49	21 3	0 2	4 41	3 36	17 7	0 58	12 59	0 6	16 36	0 10	6 34	1 46	20 37	0 18	5 28	0 27	16 24	3 48	21 1	21 13	0 6	0 10	5 4
F 23	1 13	19 28	1s 4	4 14	3 34	17 31	1 3	13 15	0 6	16 33	0 10	6 36	1 46	20 37	0 18	5 27	0 27	16 25	3 48	21 1	21 14	0 4	0 11	5 4
S 24	1 36	17 1	2 6	3 44	3 29	17 55	1 7	13 31	0 5	16 30	0 10	6 38	1 46	20 36	0 18	5 26	0 27	16 25	3 47	21 2	21 15	0 1	0 13	5 4
S 25	2 0	13 50	3 0	3 13	3 23	18 18	1 11	13 46	0 4	16 27	0 10	6 40	1 46	20 36	0 18	5 25	0 27	16 25	3 47	21 3	21 15	0n 1	0 14	5 4
M26	2 24	10 8	3 47	2 41	3 15	18 41	1 16	14 2	0 3	16 24	0 10	6 42	1 46	20 36	0 18	5 25	0 27	16 25	3 47	21 4	21 16	0 3	0 16	5 4
T 27	2 48	6 3	4 23	2 9	3 5	19 4	1 20	14 17	0 3	16 21	0 10	6 43	1 46	20 36	0 18	5 24	0 27	16 25	3 47	21 6	21 16	0 6	0 17	5 4
W28	3 11	1 45	4 47	1 37	2 53	19 26	1 25	14 32	0 2	16 17	0 10	6 45	1 46	20 36	0 18	5 23	0 27	16 26	3 47	21 8	21 17	0 8	0 19	5 4
T 29	3 35	2n37	4 59	1 7	2 41	19 47	1 29	14 47	0 1	16 14	0 10	6 47	1 46	20 36	0 18	5 22	0 27	16 26	3 47	21 11	21 17	0 11	0 20	5 4
F 30	3 58	6 53	4 58	0 39	2 27	20 8	1 33	15 2	0 0	16 11	0 11	6 48	1 46	20 35	0 18	5 21	0 27	16 26	3 47	21 13	21 18	0 13	0 22	5 4
S 31	4n21	10n55	4s44	0n12	2n13	20n29	1n38	15n16	0n 0	16s 8	0s11	6n50	1n46	20s35	0n18	5s20	0s27	16n26	3s46	21n15	21n18	0n16	0n23	5n 4

Julian Day Number = 3056811.5, Delta T = 02h29m27s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'20, Lahiri = 47°05'20

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

APRIL 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 42 5	12♈ 6'41	24♉23	24°R50	26♉21	12♉39	15♒56	16°R38	4°R37	17♓27	29°R13	23°R 0	22♋50	12♈42	19♓ 9	S 1
M 2	12 46 2	13° 6'47	6♊28	24♓29	27°28	13°24	16° 7	16♏34	4♐36	17°29	29♋12	22♋52	22°47	12°49	19°13	M 2
T 3	12 49 58	14° 6'51	18°43	24°14	28°35	14° 9	16°17	16°30	4°35	17°31	29°12	22°47	22°43	12°56	19°16	T 3
W 4	12 53 55	15° 6'53	1♋12	24° 6	29°41	14°55	16°27	16°26	4°33	17°33	29°12	22°45	22°40	13° 3	19°20	W 4
T 5	12 57 51	16° 6'52	13°58	24°D 4	0♊48	15°40	16°37	16°22	4°32	17°35	29°12	22°44	22°37	13° 9	19°24	T 5
F 6	13 1 48	17° 6'50	27° 7	24° 8	1°54	16°25	16°47	16°18	4°31	17°37	29°12	22°44	22°34	13°16	19°28	F 6
S 7	13 5 44	18° 6'45	10♌42	24°19	3° 0	17°10	16°57	16°15	4°29	17°39	29°11	22°43	22°31	13°23	19°31	S 7
S 8	13 9 41	19° 6'39	24°45	24°35	4° 5	17°55	17° 7	16°11	4°28	17°41	29°11	22°41	22°28	13°29	19°35	S 8
M 9	13 13 38	20° 6'30	9♍17	24°56	5°11	18°40	17°17	16° 7	4°26	17°43	29°11	22°36	22°24	13°36	19°39	M 9
T 10	13 17 34	21° 6'19	24°14	25°22	6°16	19°25	17°26	16° 4	4°24	17°45	29°11	22°28	22°21	13°43	19°42	T 10
W11	13 21 31	22° 6'06	9♎28	25°53	7°21	20°10	17°36	16° 0	4°23	17°47	29°11	22°17	22°18	13°50	19°46	W11
T 12	13 25 27	23° 5'51	24°49	26°28	8°25	20°55	17°45	15°57	4°21	17°49	29°D11	22° 6	22°15	13°56	19°50	T 12
F 13	13 29 24	24° 5'34	10♏ 6	27° 8	9°30	21°40	17°54	15°53	4°19	17°51	29°11	21°55	22°12	14° 3	19°53	F 13
S 14	13 33 20	25° 5'15	25° 8	27°51	10°34	22°24	18° 3	15°50	4°18	17°53	29°11	21°45	22° 9	14°10	19°57	S 14
S 15	13 37 17	26° 4'55	9♐45	28°38	11°37	23° 9	18°12	15°47	4°16	17°55	29°11	21°38	22° 5	14°16	20° 0	S 15
M16	13 41 13	27° 4'33	23°53	29°28	12°41	23°54	18°21	15°44	4°14	17°57	29°11	21°33	22° 2	14°23	20° 4	M16
T 17	13 45 10	28° 4'10	7♑31	0♈22	13°44	24°39	18°30	15°41	4°12	17°59	29°12	21°31	21°59	14°30	20° 7	T 17
W18	13 49 7	29° 3'45	20°41	1°18	14°47	25°23	18°38	15°38	4°10	18° 1	29°12	21°D31	21°56	14°37	20°11	W18
T 19	13 53 3	0♉ 3'18	3♒26	2°17	15°49	26° 8	18°47	15°35	4° 8	18° 3	29°12	21°R31	21°53	14°43	20°14	T 19
F 20	13 57 0	1° 2'49	15°51	3°19	16°51	26°52	18°55	15°33	4° 6	18° 4	29°12	21°30	21°49	14°50	20°17	F 20
S 21	14 0 56	2° 2'19	28° 1	4°24	17°53	27°37	19° 3	15°30	4° 4	18° 6	29°12	21°28	21°46	14°57	20°21	S 21
S 22	14 4 53	3° 1'47	10♓ 1	5°31	18°54	28°21	19°12	15°28	4° 2	18° 8	29°13	21°22	21°43	15° 3	20°24	S 22
M23	14 8 49	4° 1'13	21°55	6°40	19°55	29° 5	19°19	15°25	4° 0	18°10	29°13	21°14	21°40	15°10	20°27	M23
T 24	14 12 46	5° 0'38	3♈46	7°52	20°56	29°50	19°27	15°23	3°58	18°11	29°13	21° 4	21°37	15°17	20°30	T 24
W25	14 16 42	6° 0'00	15°37	9° 5	21°56	0♊34	19°35	15°21	3°56	18°13	29°13	20°51	21°34	15°24	20°33	W25
T 26	14 20 39	6°59'21	27°30	10°21	22°56	1°18	19°42	15°18	3°54	18°15	29°14	20°37	21°30	15°30	20°36	T 26
F 27	14 24 35	7°58'40	9♉26	11°38	23°56	2° 2	19°50	15°16	3°52	18°16	29°14	20°24	21°27	15°37	20°40	F 27
S 28	14 28 32	8°57'57	21°27	12°57	24°55	2°47	19°57	15°15	3°50	18°18	29°14	20°11	21°24	15°44	20°43	S 28
S 29	14 32 29	9°57'12	3♊34	14°19	25°53	3°31	20° 4	15°13	3°47	18°20	29°15	20° 1	21°21	15°51	20°46	S 29
M30	14 36 25	10♉56'25	15♊49	15♈42	26♊51	4♊15	20♒11	15♏11	3♐45	18♓21	29♋15	19♋53	21♋18	15♈57	20♓49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n45	14n32	4s17	0s13	1n59	20n49	1n42	15n31	0n 1	16s 5	0s11	6n52	1n46	20s35	0n18	5s20	0s27	16n26	3s46	21n17	21n19	0n18	0n25	5n 4
M 2	5 8	17 36	3 38	0 35	1 44	21 9	1 47	15 45	0 2	16 2	0 11	6 53	1 46	20 35	0 18	5 19	0 27	16 27	3 46	21 18	21 19	0 20	0 26	5 4
T 3	5 31	19 56	2 49	0 54	1 29	21 28	1 51	15 59	0 3	15 59	0 11	6 55	1 46	20 34	0 18	5 18	0 27	16 27	3 46	21 19	21 20	0 23	0 28	5 4
W 4	5 54	21 22	1 51	1 11	1 15	21 47	1 55	16 13	0 3	15 57	0 11	6 56	1 46	20 34	0 18	5 17	0 27	16 27	3 46	21 20	21 20	0 25	0 29	5 4
T 5	6 17	21 44	0 46	1 25	1 0	22 5	2 0	16 27	0 4	15 54	0 11	6 58	1 46	20 34	0 18	5 17	0 27	16 27	3 46	21 20	21 21	0 28	0 31	5 4
F 6	6 40	20 56	0n23	1 37	0 46	22 23	2 4	16 40	0 5	15 51	0 11	6 59	1 46	20 34	0 18	5 16	0 27	16 27	3 46	21 20	21 21	0 30	0 33	5 5
S 7	7 3	18 54	1 33	1 45	0 31	22 40	2 8	16 54	0 5	15 48	0 12	7 1	1 46	20 33	0 18	5 15	0 27	16 27	3 45	21 20	21 22	0 33	0 34	5 5
S 8	7 25	15 40	2 40	1 52	0 18	22 57	2 13	17 7	0 6	15 45	0 12	7 2	1 46	20 33	0 18	5 14	0 27	16 28	3 45	21 20	21 22	0 35	0 36	5 5
M 9	7 48	11 24	3 39	1 56	0 4	23 13	2 17	17 20	0 7	15 42	0 12	7 3	1 46	20 33	0 18	5 13	0 27	16 28	3 45	21 21	21 23	0 38	0 37	5 5
T 10	8 10	6 20	4 25	1 57	0s 8	23 29	2 21	17 33	0 8	15 40	0 12	7 5	1 46	20 33	0 18	5 13	0 27	16 28	3 45	21 22	21 23	0 40	0 39	5 5
W11	8 32	0 47	4 53	1 56	0 21	23 44	2 25	17 46	0 8	15 37	0 12	7 6	1 46	20 32	0 18	5 12	0 27	16 28	3 45	21 24	21 24	0 42	0 40	5 5
T 12	8 54	4s52	5 0	1 53	0 32	23 58	2 29	17 58	0 9	15 34	0 12	7 7	1 46	20 32	0 18	5 11	0 27	16 28	3 45	21 26	21 24	0 45	0 41	5 5
F 13	9 16	10 12	4 45	1 48	0 44	24 12	2 33	18 10	0 10	15 32	0 12	7 9	1 46	20 32	0 18	5 10	0 27	16 28	3 45	21 28	21 25	0 47	0 43	5 5
S 14	9 38	14 49	4 11	1 41	0 54	24 26	2 37	18 23	0 10	15 29	0 12	7 10	1 46	20 31	0 18	5 10	0 27	16 28	3 44	21 29	21 25	0 50	0 44	5 5
S 15	9 59	18 24	3 21	1 32	1 5	24 39	2 42	18 34	0 11	15 26	0 13	7 11	1 46	20 31	0 18	5 9	0 27	16 29	3 44	21 30	21 26	0 52	0 46	5 5
M16	10 20	20 45	2 20	1 21	1 14	24 51	2 45	18 46	0 12	15 24	0 13	7 12	1 45	20 31	0 18	5 8	0 27	16 29	3 44	21 31	21 26	0 55	0 47	5 5
T 17	10 42	21 48	1 13	1 8	1 24	25 3	2 49	18 58	0 12	15 21	0 13	7 13	1 45	20 30	0 18	5 8	0 27	16 29	3 44	21 31	21 27	0 57	0 49	5 6
W18	11 3	21 35	0 4	0 54	1 32	25 14	2 53	19 9	0 13	15 19	0 13	7 14	1 45	20 30	0 18	5 7	0 27	16 29	3 44	21 31	21 27	1 0	0 50	5 6
T 19	11 23	20 14	1s 3	0 38	1 40	25 25	2 57	19 20	0 14	15 16	0 13	7 15	1 45	20 30	0 18	5 6	0 27	16 29	3 44	21 31	21 28	1 2	0 52	5 6
F 20	11 44	17 56	2 5	0 20	1 48	25 35	3 1	19 31	0 14	15 14	0 13	7 16	1 45	20 29	0 18	5 6	0 27	16 29	3 44	21 31	21 28	1 4	0 53	5 6
S 21	12 5	14 52	3 0	0 1	1 55	25 44	3 4	19 42	0 15	15 11	0 13	7 17	1 45	20 29	0 18	5 5	0 27	16 29	3 43	21 32	21 29	1 7	0 54	5 6
S 22	12 25	11 15	3 47	0n19	2 1	25 53	3 8	19 52	0 16	15 9	0 14	7 18	1 45	20 29	0 18	5 4	0 27	16 29	3 43	21 33	21 29	1 9	0 56	5 6
M23	12 45	7 12	4 23	0 41	2 7	26 2	3 12	20 3	0 16	15 7	0 14	7 19	1 45	20 28	0 18	5 4	0 27	16 29	3 43	21 34	21 30	1 12	0 57	5 6
T 24	13 5	2 55	4 47	1 4	2 12	26 10	3 15	20 13	0 17	15 4	0 14	7 20	1 45	20 28	0 18	5 3	0 27	16 30	3 43	21 36	21 30	1 14	0 59	5 6
W25	13 24	1n29	4 59	1 28	2 17	26 17	3 18	20 23	0 18	15 2	0 14	7 20	1 45	20 27	0 18	5 2	0 27	16 30	3 43	21 37	21 31	1 17	1 0	5 7
T 26	13 44	5 50	4 58	1 53	2 22	26 24	3 22	20 32	0 18	15 0	0 14	7 21	1 45	20 27	0 18	5 2	0 27	16 30	3 43	21 40	21 31	1 19	1 1	5 7
F 27	14 3	10 0	4 44	2 20	2 25	26 30	3 25	20 42	0 19	14 58	0 14	7 22	1 45	20 27	0 18	5 1	0 27	16 30	3 43	21 42	21 32	1 22	1 3	5 7
S 28	14 22	13 49	4 18	2 47	2 29	26 36	3 28	20 51	0 20	14 56	0 14	7 22	1 45	20 26	0 18	5 0	0 27	16 30	3 42	21 43	21 32	1 24	1 4	5 7
S 29	14 40	17 6	3 39	3 16	2 32	26 41	3 31	21 0	0 20	14 54	0 15	7 23	1 44	20 26	0 18	5 0	0 27	16 30	3 42	21 45	21 33	1 27	1 5	5 7
M30	14n59	19n40	2s50	3n45	2s34	26n45	3n34	21n 9	0n21	14s51	0s15	7n24	1n44	20s25	0n18	4s59	0s27	16n30	3s42	21n46	21n33	1n29	1n 6	5n 7

Julian Day Number = 3056842.5, Delta T = 02h29m28s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'24, Lahiri = 47°05'25

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

MAY 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 40 22	11♉55'36	28♊13	17♈ 6	27♊49	4♊59	20♒18	15°R 9	3°R43	18♓23	29♋16	19°R49	21♋14	16♈ 4	20♓51	T 1
W 2	14 44 18	12°54'44	10♋48	18°33	28°46	5°43	20°25	15♍ 8	3♐40	18°24	29°16	19♋46	21°11	16°11	20°54	W 2
T 3	14 48 15	13°53'51	23°39	20° 1	29°43	6°27	20°31	15° 6	3°38	18°26	29°17	19°D46	21° 8	16°17	20°57	T 3
F 4	14 52 11	14°52'55	6♌47	21°30	0♋39	7°10	20°37	15° 5	3°36	18°27	29°17	19°47	21° 5	16°24	21° 0	F 4
S 5	14 56 8	15°51'57	20°16	23° 2	1°34	7°54	20°44	15° 4	3°33	18°29	29°18	19°R47	21° 2	16°31	21° 3	S 5
S 6	15 0 4	16°50'57	4♍ 9	24°34	2°29	8°38	20°50	15° 3	3°31	18°30	29°18	19°45	20°59	16°38	21° 5	S 6
M 7	15 4 1	17°49'54	18°26	26° 9	3°23	9°22	20°55	15° 2	3°29	18°31	29°19	19°42	20°55	16°44	21° 8	M 7
T 8	15 7 58	18°48'49	3♎ 6	27°45	4°17	10° 5	21° 1	15° 1	3°26	18°33	29°19	19°36	20°52	16°51	21°11	T 8
W 9	15 11 54	19°47'42	18° 3	29°23	5°10	10°49	21° 7	15° 0	3°24	18°34	29°20	19°28	20°49	16°58	21°13	W 9
T 10	15 15 51	20°46'33	3♏ 9	1♉ 2	6° 3	11°33	21°12	15° 0	3°21	18°35	29°21	19°20	20°46	17° 4	21°16	T 10
F 11	15 19 47	21°45'22	18°16	2°43	6°54	12°16	21°17	14°59	3°19	18°37	29°21	19°11	20°43	17°11	21°18	F 11
S 12	15 23 44	22°44'09	3♐12	4°25	7°45	12°59	21°22	14°59	3°16	18°38	29°22	19° 3	20°40	17°18	21°21	S 12
S 13	15 27 40	23°42'55	17°50	6° 9	8°36	13°43	21°27	14°58	3°14	18°39	29°23	18°57	20°36	17°25	21°23	S 13
M14	15 31 37	24°41'38	2♑ 2	7°55	9°25	14°26	21°32	14°58	3°11	18°40	29°23	18°54	20°33	17°31	21°25	M14
T 15	15 35 33	25°40'20	15°46	9°42	10°14	15°10	21°37	14°58	3° 9	18°41	29°24	18°D53	20°30	17°38	21°28	T 15
W16	15 39 30	26°39'00	29° 3	11°31	11° 2	15°53	21°41	14°D58	3° 6	18°43	29°25	18°53	20°27	17°45	21°30	W16
T 17	15 43 27	27°37'39	11♒54	13°21	11°49	16°36	21°45	14°58	3° 4	18°44	29°26	18°54	20°24	17°52	21°32	T 17
F 18	15 47 23	28°36'16	24°23	15°13	12°35	17°19	21°49	14°58	3° 1	18°45	29°26	18°R55	20°20	17°58	21°34	F 18
S 19	15 51 20	29°34'51	6♓36	17° 7	13°20	18° 2	21°53	14°59	2°59	18°46	29°27	18°55	20°17	18° 5	21°36	S 19
S 20	15 55 16	0♊33'25	18°37	19° 2	14° 5	18°45	21°57	14°59	2°56	18°47	29°28	18°53	20°14	18°12	21°38	S 20
M21	15 59 13	1°31'57	0♈31	20°59	14°48	19°28	22° 0	15° 0	2°53	18°48	29°29	18°49	20°11	18°18	21°40	M21
T 22	16 3 9	2°30'28	12°22	22°58	15°30	20°11	22° 4	15° 0	2°51	18°49	29°30	18°43	20° 8	18°25	21°42	T 22
W23	16 7 6	3°28'57	24°14	24°58	16°12	20°54	22° 7	15° 1	2°48	18°50	29°31	18°36	20° 5	18°32	21°44	W23
T 24	16 11 2	4°27'24	6♉10	27° 0	16°52	21°37	22°10	15° 2	2°46	18°51	29°32	18°28	20° 1	18°39	21°46	T 24
F 25	16 14 59	5°25'50	18°12	29° 3	17°31	22°20	22°13	15° 3	2°43	18°51	29°33	18°19	19°58	18°45	21°48	F 25
S 26	16 18 56	6°24'14	0♊22	1♊ 8	18° 9	23° 3	22°15	15° 4	2°41	18°52	29°33	18°12	19°55	18°52	21°49	S 26
S 27	16 22 52	7°22'37	12°41	3°14	18°45	23°45	22°18	15° 5	2°38	18°53	29°34	18° 6	19°52	18°59	21°51	S 27
M28	16 26 49	8°20'57	25°10	5°21	19°21	24°28	22°20	15° 6	2°36	18°54	29°35	18° 1	19°49	19° 6	21°52	M28
T 29	16 30 45	9°19'16	7♋50	7°29	19°55	25°11	22°22	15° 8	2°33	18°55	29°36	17°59	19°46	19°12	21°54	T 29
W30	16 34 42	10°17'34	20°42	9°39	20°27	25°53	22°24	15° 9	2°30	18°55	29°37	17°D59	19°42	19°19	21°56	W30
T 31	16 38 38	11♊15'49	3♌46	11♊48	20♋59	26♊36	22♒26	15♍11	2♐28	18♓56	29♋39	18♋ 0	19♋39	19♈26	21♓57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n17	21n21	1s52	4n16	2s36	26n49	3n37	21n17	0n22	14s49	0s15	7n24	1n44	20s25	0n18	4s59	0s27	16n30	3s42	21n47	21n34	1n32	1n 8	5n 8
W 2	15 35	22 0	0 48	4 47	2 37	26 53	3 39	21 26	0 22	14 48	0 15	7 25	1 44	20 25	0 18	4 58	0 27	16 30	3 42	21 47	21 34	1 34	1 9	5 8
T 3	15 52	21 31	0n21	5 19	2 38	26 56	3 42	21 34	0 23	14 46	0 15	7 25	1 44	20 24	0 18	4 58	0 27	16 30	3 42	21 47	21 35	1 36	1 10	5 8
F 4	16 9	19 51	1 29	5 52	2 38	26 58	3 45	21 42	0 23	14 44	0 15	7 26	1 44	20 24	0 18	4 57	0 27	16 30	3 42	21 47	21 35	1 39	1 12	5 8
S 5	16 26	17 3	2 35	6 26	2 38	27 0	3 47	21 50	0 24	14 42	0 15	7 26	1 44	20 23	0 18	4 56	0 27	16 30	3 41	21 47	21 36	1 41	1 13	5 8
S 6	16 43	13 13	3 33	7 0	2 37	27 1	3 49	21 57	0 25	14 40	0 16	7 26	1 44	20 23	0 18	4 56	0 28	16 30	3 41	21 47	21 36	1 44	1 14	5 8
M 7	17 0	8 32	4 20	7 35	2 36	27 2	3 51	22 4	0 25	14 38	0 16	7 27	1 44	20 22	0 18	4 55	0 28	16 30	3 41	21 48	21 37	1 46	1 15	5 9
T 8	17 16	3 15	4 52	8 11	2 34	27 2	3 53	22 11	0 26	14 37	0 16	7 27	1 44	20 22	0 18	4 55	0 28	16 30	3 41	21 48	21 37	1 49	1 16	5 9
W 9	17 32	2s19	5 4	8 47	2 32	27 2	3 55	22 18	0 26	14 35	0 16	7 27	1 44	20 21	0 18	4 54	0 28	16 30	3 41	21 50	21 38	1 51	1 18	5 9
T 10	17 47	7 49	4 55	9 24	2 29	27 2	3 57	22 25	0 27	14 34	0 16	7 27	1 43	20 21	0 18	4 54	0 28	16 30	3 41	21 51	21 38	1 54	1 19	5 9
F 11	18 3	12 51	4 26	10 1	2 26	27 1	3 58	22 31	0 28	14 32	0 16	7 27	1 43	20 20	0 18	4 53	0 28	16 30	3 41	21 52	21 39	1 56	1 20	5 9
S 12	18 17	17 1	3 39	10 39	2 22	26 59	4 0	22 37	0 28	14 31	0 16	7 27	1 43	20 20	0 18	4 53	0 28	16 30	3 41	21 53	21 39	1 59	1 21	5 10
S 13	18 32	20 3	2 38	11 17	2 18	26 57	4 1	22 43	0 29	14 29	0 17	7 27	1 43	20 20	0 18	4 53	0 28	16 30	3 40	21 54	21 40	2 1	1 22	5 10
M14	18 46	21 43	1 29	11 55	2 13	26 55	4 2	22 49	0 29	14 28	0 17	7 27	1 43	20 19	0 18	4 52	0 28	16 30	3 40	21 54	21 40	2 4	1 23	5 10
T 15	19 0	22 2	0 17	12 34	2 8	26 52	4 3	22 54	0 30	14 27	0 17	7 27	1 43	20 19	0 18	4 52	0 28	16 30	3 40	21 55	21 41	2 6	1 24	5 10
W16	19 14	21 3	0s54	13 12	2 2	26 49	4 3	22 59	0 30	14 25	0 17	7 27	1 43	20 18	0 18	4 51	0 28	16 30	3 40	21 54	21 41	2 9	1 25	5 10
T 17	19 27	19 0	2 1	13 51	1 56	26 45	4 4	23 4	0 31	14 24	0 17	7 27	1 43	20 18	0 18	4 51	0 28	16 30	3 40	21 54	21 42	2 11	1 26	5 11
F 18	19 40	16 5	2 59	14 30	1 50	26 41	4 4	23 9	0 32	14 23	0 17	7 27	1 43	20 17	0 18	4 50	0 28	16 30	3 40	21 54	21 42	2 14	1 27	5 11
S 19	19 53	12 32	3 48	15 9	1 43	26 37	4 4	23 14	0 32	14 22	0 18	7 27	1 42	20 17	0 18	4 50	0 28	16 30	3 40	21 54	21 42	2 16	1 28	5 11
S 20	20 5	8 33	4 26	15 48	1 35	26 32	4 4	23 18	0 33	14 21	0 18	7 26	1 42	20 16	0 18	4 50	0 28	16 30	3 39	21 55	21 43	2 19	1 29	5 11
M21	20 17	4 16	4 52	16 27	1 27	26 27	4 4	23 22	0 33	14 20	0 18	7 26	1 42	20 16	0 18	4 49	0 28	16 30	3 39	21 55	21 43	2 21	1 30	5 12
T 22	20 29	0n 9	5 6	17 5	1 19	26 22	4 3	23 26	0 34	14 19	0 18	7 26	1 42	20 15	0 18	4 49	0 28	16 30	3 39	21 56	21 44	2 23	1 31	5 12
W23	20 40	4 34	5 6	17 42	1 10	26 16	4 3	23 29	0 34	14 18	0 18	7 25	1 42	20 15	0 18	4 49	0 28	16 30	3 39	21 57	21 44	2 26	1 32	5 12
T 24	20 51	8 50	4 53	18 19	1 1	26 10	4 2	23 33	0 35	14 17	0 18	7 25	1 42	20 14	0 18	4 48	0 28	16 30	3 39	21 58	21 45	2 28	1 33	5 12
F 25	21 1	12 49	4 27	18 56	0 51	26 4	4 1	23 36	0 35	14 17	0 19	7 24	1 42	20 14	0 18	4 48	0 28	16 30	3 39	21 59	21 45	2 31	1 34	5 12
S 26	21 11	16 19	3 49	19 31	0 42	25 57	3 59	23 38	0 36	14 16	0 19	7 24	1 42	20 13	0 17	4 48	0 28	16 30	3 39	22 0	21 46	2 33	1 35	5 13
S 27	21 21	19 9	2 59	20 6	0 32	25 51	3 57	23 41	0 36	14 15	0 19	7 23	1 41	20 13	0 17	4 47	0 28	16 29	3 39	22 1	21 46	2 36	1 36	5 13
M28	21 30	21 8	2 1	20 39	0 22	25 44	3 55	23 44	0 37	14 15	0 19	7 23	1 41	20 12	0 17	4 47	0 28	16 29	3 39	22 1	21 47	2 38	1 37	5 13
T 29	21 39	22 5	0 55	21 11	0 11	25 36	3 53	23 46	0 37	14 14	0 19	7 22	1 41	20 12	0 17	4 47	0 28	16 29	3 38	22 2	21 47	2 41	1 37	5 13
W30	21 48	21 53	0n15	21 41	0 1	25 29	3 51	23 48	0 38	14 14	0 19	7 21	1 41	20 11	0 17	4 47	0 28	16 29	3 38	22 2	21 48	2 43	1 38	5 14
T 31	21n56	20n31	1n25	22n10	0n10	25n21	3n48	23n49	0n38	14s13	0s20	7n21	1n41	20s11	0n17	4s46	0s28	16n29	3s38	22n 2	21n48	2n46	1n39	5n14

Julian Day Number = 3056872.5, Delta T = 02h29m29s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'28, Lahiri = 47°05'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3657
geocentric

JUNE 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 42 35	12♊14'02	17♌ 5	13♊59	21♋28	27♊18	22♒27	15♍12	2°R25	18♓57	29♋40	18♋ 1	19♋36	19♈32	21♓58	F 1
S 2	16 46 32	13°12'14	0♍40	16° 9	21°57	28° 1	22°29	15°14	2♐23	18°57	29°41	18° 2	19°33	19°39	22° 0	S 2
S 3	16 50 28	14°10'23	14°31	18°20	22°23	28°43	22°30	15°16	2°20	18°58	29°42	18°R 3	19°30	19°46	22° 1	S 3
M 4	16 54 25	15° 8'31	28°39	20°30	22°48	29°26	22°31	15°18	2°18	18°58	29°43	18° 2	19°26	19°53	22° 2	M 4
T 5	16 58 21	16° 6'36	13♎ 2	22°39	23°11	0♋ 8	22°31	15°20	2°16	18°59	29°44	18° 0	19°23	19°59	22° 3	T 5
W 6	17 2 18	17° 4'40	27°37	24°48	23°33	0°50	22°32	15°22	2°13	18°59	29°45	17°57	19°20	20° 6	22° 4	W 6
T 7	17 6 14	18° 2'42	12♏19	26°55	23°52	1°32	22°32	15°25	2°11	19° 0	29°46	17°53	19°17	20°13	22° 5	T 7
F 8	17 10 11	19° 0'42	27° 1	29° 1	24°10	2°15	22°32	15°27	2° 8	19° 0	29°47	17°48	19°14	20°19	22° 6	F 8
S 9	17 14 7	19°58'41	11♐37	1♋ 5	24°25	2°57	22°R32	15°30	2° 6	19° 0	29°49	17°45	19°11	20°26	22° 7	S 9
S 10	17 18 4	20°56'38	25°59	3° 7	24°39	3°39	22°32	15°32	2° 3	19° 1	29°50	17°42	19° 7	20°33	22° 8	S 10
M11	17 22 1	21°54'34	10♑ 2	5° 8	24°50	4°21	22°32	15°35	2° 1	19° 1	29°51	17°41	19° 4	20°40	22° 9	M11
T 12	17 25 57	22°52'29	23°42	7° 5	25° 0	5° 3	22°31	15°38	1°59	19° 1	29°52	17°D41	19° 1	20°46	22°10	T 12
W13	17 29 54	23°50'22	6♒59	9° 0	25° 7	5°45	22°31	15°41	1°56	19° 2	29°53	17°42	18°58	20°53	22°10	W13
T 14	17 33 50	24°48'14	19°53	10°53	25°12	6°26	22°30	15°44	1°54	19° 2	29°55	17°43	18°55	21° 0	22°11	T 14
F 15	17 37 47	25°46'05	2♓26	12°42	25°14	7° 8	22°29	15°47	1°52	19° 2	29°56	17°45	18°52	21° 7	22°12	F 15
S 16	17 41 43	26°43'54	14°42	14°29	25°R14	7°50	22°27	15°50	1°50	19° 2	29°57	17°46	18°48	21°13	22°12	S 16
S 17	17 45 40	27°41'43	26°46	16°13	25°12	8°32	22°26	15°53	1°47	19° 2	29°58	17°R46	18°45	21°20	22°13	S 17
M18	17 49 36	28°39'30	8♈42	17°54	25° 8	9°13	22°24	15°57	1°45	19° 2	29°59	17°46	18°42	21°27	22°13	M18
T 19	17 53 33	29°37'17	20°35	19°31	25° 1	9°55	22°22	16° 0	1°43	19° 2	0♌ 1	17°45	18°39	21°33	22°13	T 19
W20	17 57 30	0♋35'02	2♉29	21° 6	24°52	10°37	22°20	16° 4	1°41	19°R 2	0° 2	17°43	18°36	21°40	22°13	W20
T 21	18 1 26	1°32'47	14°28	22°37	24°40	11°18	22°18	16° 7	1°39	19° 2	0° 4	17°41	18°32	21°47	22°14	T 21
F 22	18 5 23	2°30'30	26°35	24° 6	24°26	12° 0	22°15	16°11	1°37	19° 2	0° 5	17°38	18°29	21°54	22°14	F 22
S 23	18 9 19	3°28'13	8♊53	25°31	24° 9	12°41	22°13	16°15	1°35	19° 2	0° 6	17°36	18°26	22° 0	22°14	S 23
S 24	18 13 16	4°25'54	21°25	26°52	23°50	13°23	22°10	16°19	1°33	19° 2	0° 8	17°35	18°23	22° 7	22°R14	S 24
M25	18 17 12	5°23'35	4♋10	28°11	23°29	14° 4	22° 7	16°23	1°31	19° 2	0° 9	17°34	18°20	22°14	22°14	M25
T 26	18 21 9	6°21'14	17°10	29°25	23° 6	14°45	22° 4	16°27	1°29	19° 2	0°10	17°D33	18°17	22°21	22°14	T 26
W27	18 25 5	7°18'52	0♌24	0♌37	22°41	15°27	22° 0	16°31	1°27	19° 2	0°12	17°34	18°13	22°27	22°14	W27
T 28	18 29 2	8°16'29	13°52	1°45	22°13	16° 8	21°57	16°35	1°25	19° 1	0°13	17°34	18°10	22°34	22°14	T 28
F 29	18 32 59	9°14'05	27°32	2°50	21°44	16°49	21°53	16°39	1°23	19° 1	0°15	17°35	18° 7	22°41	22°13	F 29
S 30	18 36 55	10♋11'40	11♍23	3♌51	21♋13	17♋30	21♒49	16♍44	1♐21	19♓ 1	0♌16	17♋36	18♋ 4	22♈47	22♓13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 3	17n59	2n32	22n36	0n20	25n13	3n45	23n51	0n39	14s13	0s20	7n20	1n41	20s10	0n17	4s46	0s28	16n29	3s38	22n 1	21n48	2n48	1n40	5n14
S 2	22 11	14 26	3 32	23 1	0 31	25 6	3 41	23 52	0 39	14 13	0 20	7 19	1 41	20 10	0 17	4 46	0 28	16 29	3 38	22 1	21 49	2 51	1 40	5 14
S 3	22 18	10 3	4 20	23 24	0 41	24 57	3 37	23 53	0 40	14 13	0 20	7 18	1 41	20 10	0 17	4 46	0 28	16 29	3 38	22 1	21 49	2 53	1 41	5 15
M 4	22 24	5 3	4 55	23 44	0 51	24 49	3 33	23 54	0 40	14 12	0 20	7 17	1 41	20 9	0 17	4 46	0 28	16 29	3 38	22 1	21 50	2 56	1 42	5 15
T 5	22 31	0s19	5 11	24 2	1 0	24 41	3 29	23 54	0 41	14 12	0 20	7 16	1 40	20 9	0 17	4 45	0 28	16 29	3 38	22 2	21 50	2 58	1 43	5 15
W 6	22 36	5 44	5 8	24 17	1 10	24 32	3 24	23 55	0 41	14 12	0 21	7 16	1 40	20 8	0 17	4 45	0 28	16 28	3 37	22 2	21 51	3 1	1 43	5 15
T 7	22 42	10 52	4 44	24 30	1 18	24 24	3 19	23 55	0 42	14 12	0 21	7 15	1 40	20 8	0 17	4 45	0 28	16 28	3 37	22 3	21 51	3 3	1 44	5 16
F 8	22 47	15 23	4 2	24 40	1 27	24 15	3 13	23 55	0 42	14 13	0 21	7 14	1 40	20 7	0 17	4 45	0 28	16 28	3 37	22 3	21 52	3 6	1 44	5 16
S 9	22 51	18 55	3 5	24 47	1 34	24 7	3 7	23 54	0 43	14 13	0 21	7 12	1 40	20 7	0 17	4 45	0 28	16 28	3 37	22 4	21 52	3 8	1 45	5 16
S 10	22 55	21 14	1 56	24 52	1 41	23 58	3 1	23 54	0 43	14 13	0 21	7 11	1 40	20 6	0 17	4 45	0 28	16 28	3 37	22 4	21 52	3 11	1 46	5 16
M11	22 59	22 9	0 42	24 55	1 48	23 49	2 54	23 53	0 44	14 13	0 22	7 10	1 40	20 6	0 17	4 45	0 28	16 28	3 37	22 4	21 53	3 13	1 46	5 17
T 12	23 2	21 43	0s33	24 55	1 53	23 40	2 47	23 52	0 44	14 14	0 22	7 9	1 40	20 5	0 17	4 45	0 28	16 28	3 37	22 4	21 53	3 16	1 47	5 17
W13	23 5	20 3	1 44	24 53	1 58	23 31	2 39	23 51	0 45	14 14	0 22	7 8	1 40	20 5	0 17	4 44	0 28	16 28	3 37	22 4	21 54	3 18	1 47	5 17
T 14	23 7	17 23	2 48	24 49	2 2	23 23	2 31	23 49	0 45	14 14	0 22	7 7	1 39	20 5	0 17	4 44	0 28	16 27	3 37	22 4	21 54	3 21	1 48	5 17
F 15	23 9	13 58	3 42	24 42	2 5	23 14	2 22	23 47	0 45	14 15	0 22	7 5	1 39	20 4	0 17	4 44	0 28	16 27	3 37	22 4	21 55	3 23	1 48	5 18
S 16	23 11	10 2	4 24	24 34	2 8	23 5	2 13	23 45	0 46	14 16	0 22	7 4	1 39	20 4	0 17	4 44	0 29	16 27	3 36	22 3	21 55	3 26	1 49	5 18
S 17	23 12	5 47	4 54	24 23	2 9	22 56	2 4	23 43	0 46	14 16	0 23	7 3	1 39	20 3	0 17	4 44	0 29	16 27	3 36	22 3	21 56	3 28	1 49	5 18
M18	23 13	1 21	5 11	24 11	2 10	22 47	1 54	23 41	0 47	14 17	0 23	7 1	1 39	20 3	0 17	4 44	0 29	16 27	3 36	22 3	21 56	3 31	1 49	5 18
T 19	23 13	3n 6	5 15	23 57	2 10	22 38	1 44	23 38	0 47	14 18	0 23	7 0	1 39	20 2	0 17	4 44	0 29	16 27	3 36	22 4	21 56	3 33	1 50	5 19
W20	23 13	7 27	5 5	23 42	2 9	22 29	1 33	23 36	0 48	14 19	0 23	6 58	1 39	20 2	0 17	4 44	0 29	16 26	3 36	22 4	21 57	3 36	1 50	5 19
T 21	23 13	11 33	4 41	23 26	2 7	22 20	1 22	23 33	0 48	14 19	0 23	6 57	1 39	20 2	0 17	4 44	0 29	16 26	3 36	22 4	21 57	3 38	1 50	5 19
F 22	23 12	15 14	4 5	23 8	2 4	22 12	1 10	23 29	0 48	14 20	0 24	6 55	1 39	20 1	0 17	4 44	0 29	16 26	3 36	22 4	21 58	3 41	1 51	5 19
S 23	23 11	18 20	3 18	22 50	2 1	22 3	0 58	23 26	0 49	14 21	0 24	6 54	1 39	20 1	0 17	4 44	0 29	16 26	3 36	22 5	21 58	3 43	1 51	5 20
S 24	23 9	20 38	2 20	22 30	1 56	21 54	0 46	23 22	0 49	14 23	0 24	6 52	1 38	20 0	0 17	4 45	0 29	16 26	3 36	22 5	21 59	3 46	1 51	5 20
M25	23 7	21 56	1 13	22 10	1 51	21 45	0 33	23 19	0 50	14 24	0 24	6 50	1 38	20 0	0 17	4 45	0 29	16 25	3 36	22 5	21 59	3 48	1 51	5 20
T 26	23 4	22 6	0 2	21 48	1 45	21 36	0 20	23 15	0 50	14 25	0 24	6 49	1 38	20 0	0 17	4 45	0 29	16 25	3 35	22 5	21 59	3 51	1 52	5 20
W27	23 2	21 2	1n11	21 27	1 39	21 27	0 7	23 10	0 50	14 26	0 24	6 47	1 38	19 59	0 17	4 45	0 29	16 25	3 35	22 5	22 0	3 53	1 52	5 21
T 28	22 58	18 46	2 21	21 4	1 31	21 18	0s 7	23 6	0 51	14 27	0 25	6 45	1 38	19 59	0 17	4 45	0 29	16 25	3 35	22 5	22 0	3 56	1 52	5 21
F 29	22 54	15 25	3 24	20 42	1 23	21 9	0 21	23 1	0 51	14 29	0 25	6 44	1 38	19 59	0 17	4 45	0 29	16 25	3 35	22 5	22 1	3 58	1 52	5 21
S 30	22n50	11n11	4n16	20n19	1n14	20n59	0s35	22n56	0n51	14s30	0s25	6n42	1n38	19s58	0n17	4s45	0s29	16n24	3s35	22n 5	22n 1	4n 1	1n52	5n21

Julian Day Number = 3056903.5, Delta T = 02h29m29s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'33, Lahiri = 47°05'33

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

JULY 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 40 52	11♋ 9'13	25♍24	4♌48	20°R40	18♋12	21°R45	16♍48	1°R19	19°R 0	0♌17	17♋36	18♋ 1	22♈54	22°R13	S 1
M 2	18 44 48	12° 6'45	9♎33	5°41	20♋ 6	18°53	21♒41	16°53	1♐18	19♓ 0	0°19	17°R36	17°58	23° 1	22♓12	M 2
T 3	18 48 45	13° 4'16	23°48	6°31	19°31	19°34	21°37	16°58	1°16	19° 0	0°20	17°36	17°54	23° 8	22°12	T 3
W 4	18 52 41	14° 1'45	8♏ 6	7°17	18°55	20°15	21°32	17° 2	1°14	18°59	0°22	17°36	17°51	23°14	22°11	W 4
T 5	18 56 38	14°59'14	22°24	7°58	18°18	20°56	21°27	17° 7	1°13	18°59	0°23	17°36	17°48	23°21	22°10	T 5
F 6	19 0 35	15°56'41	6♐39	8°36	17°41	21°36	21°23	17°12	1°11	18°58	0°24	17°36	17°45	23°28	22°10	F 6
S 7	19 4 31	16°54'08	20°47	9° 9	17° 3	22°17	21°18	17°17	1°10	18°58	0°26	17°35	17°42	23°34	22° 9	S 7
S 8	19 8 28	17°51'33	4♑43	9°38	16°26	22°58	21°12	17°22	1° 8	18°57	0°27	17°D35	17°38	23°41	22° 8	S 8
M 9	19 12 24	18°48'58	18°25	10° 3	15°48	23°39	21° 7	17°27	1° 7	18°57	0°29	17°R35	17°35	23°48	22° 7	M 9
T 10	19 16 21	19°46'22	1♒51	10°23	15°11	24°20	21° 2	17°32	1° 5	18°56	0°30	17°35	17°32	23°55	22° 7	T 10
W11	19 20 17	20°43'45	14°58	10°39	14°35	25° 0	20°56	17°38	1° 4	18°55	0°32	17°35	17°29	24° 1	22° 6	W11
T 12	19 24 14	21°41'08	27°47	10°50	13°59	25°41	20°50	17°43	1° 3	18°55	0°33	17°35	17°26	24° 8	22° 5	T 12
F 13	19 28 10	22°38'30	10♓19	10°57	13°25	26°22	20°45	17°48	1° 1	18°54	0°35	17°34	17°23	24°15	22° 4	F 13
S 14	19 32 7	23°35'52	22°36	10°R59	12°53	27° 2	20°39	17°54	1° 0	18°53	0°36	17°34	17°19	24°22	22° 2	S 14
S 15	19 36 4	24°33'14	4♈42	10°56	12°21	27°43	20°33	17°59	0°59	18°53	0°38	17°33	17°16	24°28	22° 1	S 15
M16	19 40 0	25°30'35	16°39	10°49	11°52	28°23	20°26	18° 5	0°58	18°52	0°39	17°33	17°13	24°35	22° 0	M16
T 17	19 43 57	26°27'56	28°32	10°38	11°24	29° 4	20°20	18°10	0°57	18°51	0°41	17°D32	17°10	24°42	21°59	T 17
W18	19 47 53	27°25'16	10♉27	10°23	10°58	29°44	20°14	18°16	0°56	18°50	0°42	17°33	17° 7	24°48	21°58	W18
T 19	19 51 50	28°22'37	22°27	10° 4	10°35	0♌25	20° 7	18°22	0°55	18°49	0°44	17°33	17° 4	24°55	21°56	T 19
F 20	19 55 46	29°19'57	4♊37	9°41	10°13	1° 5	20° 0	18°28	0°54	18°48	0°45	17°34	17° 0	25° 2	21°55	F 20
S 21	19 59 43	0♌17'18	17° 0	9°14	9°54	1°45	19°54	18°34	0°53	18°47	0°47	17°35	16°57	25° 9	21°53	S 21
S 22	20 3 39	1°14'38	29°41	8°45	9°37	2°26	19°47	18°40	0°52	18°46	0°48	17°36	16°54	25°15	21°52	S 22
M23	20 7 36	2°11'58	12♋40	8°13	9°23	3° 6	19°40	18°46	0°51	18°46	0°50	17°R37	16°51	25°22	21°50	M23
T 24	20 11 33	3° 9'17	25°58	7°40	9°11	3°46	19°33	18°52	0°50	18°45	0°51	17°37	16°48	25°29	21°49	T 24
W25	20 15 29	4° 6'37	9♌36	7° 4	9° 1	4°26	19°25	18°58	0°50	18°43	0°52	17°36	16°44	25°35	21°47	W25
T 26	20 19 26	5° 3'56	23°30	6°28	8°54	5° 6	19°18	19° 4	0°49	18°42	0°54	17°34	16°41	25°42	21°45	T 26
F 27	20 23 22	6° 1'15	7♍37	5°52	8°49	5°46	19°11	19°10	0°48	18°41	0°55	17°32	16°38	25°49	21°43	F 27
S 28	20 27 19	6°58'33	21°54	5°16	8°46	6°26	19° 4	19°17	0°48	18°40	0°57	17°30	16°35	25°56	21°42	S 28
S 29	20 31 15	7°55'52	6♎15	4°41	8°D46	7° 6	18°56	19°23	0°47	18°39	0°58	17°27	16°32	26° 2	21°40	S 29
M30	20 35 12	8°53'09	20°35	4° 8	8°48	7°46	18°49	19°29	0°47	18°38	1° 0	17°26	16°29	26° 9	21°38	M30
T 31	20 39 8	9♌50'27	4♏53	3♌37	8♋52	8♌26	18♒41	19♍36	0♐46	18♓37	1♌ 1	17°D25	16♋25	26♈16	21♓36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	6n18	4n53	19n56	1n 4	20n50	0s49	22n51	0n52	14s32	0s25	6n40	1n38	19s58	0n17	4s45	0s29	16n24	3s35	22n 5	22n 2	4n 3	1n52	5n22
M 2	22 41	1 4	5 14	19 33	0 53	20 41	1 4	22 46	0 52	14 33	0 25	6 38	1 38	19 58	0 17	4 46	0 29	16 24	3 35	22 5	22 2	4 6	1 52	5 22
T 3	22 35	4s16	5 15	19 9	0 42	20 32	1 18	22 41	0 53	14 35	0 26	6 36	1 38	19 57	0 17	4 46	0 29	16 24	3 35	22 5	22 2	4 8	1 52	5 22
W 4	22 30	9 24	4 57	18 46	0 30	20 23	1 32	22 35	0 53	14 36	0 26	6 34	1 37	19 57	0 17	4 46	0 29	16 24	3 35	22 5	22 3	4 11	1 52	5 22
T 5	22 24	14 0	4 20	18 24	0 18	20 14	1 47	22 29	0 53	14 38	0 26	6 32	1 37	19 57	0 17	4 46	0 29	16 23	3 35	22 5	22 3	4 13	1 52	5 23
F 6	22 17	17 49	3 28	18 1	0 4	20 4	2 1	22 23	0 54	14 40	0 26	6 30	1 37	19 56	0 17	4 46	0 29	16 23	3 35	22 5	22 4	4 16	1 52	5 23
S 7	22 10	20 32	2 23	17 39	0s10	19 55	2 15	22 17	0 54	14 41	0 26	6 28	1 37	19 56	0 17	4 47	0 29	16 23	3 35	22 5	22 4	4 18	1 52	5 23
S 8	22 3	21 58	1 11	17 18	0 24	19 46	2 28	22 11	0 54	14 43	0 26	6 26	1 37	19 56	0 17	4 47	0 29	16 23	3 35	22 5	22 4	4 21	1 52	5 23
M 9	21 55	22 3	0s 5	16 57	0 39	19 37	2 42	22 4	0 55	14 45	0 27	6 24	1 37	19 56	0 17	4 47	0 29	16 22	3 34	22 5	22 5	4 23	1 52	5 24
T 10	21 47	20 51	1 18	16 36	0 54	19 29	2 55	21 58	0 55	14 47	0 27	6 22	1 37	19 55	0 17	4 47	0 29	16 22	3 34	22 5	22 5	4 26	1 52	5 24
W11	21 39	18 32	2 26	16 17	1 10	19 20	3 7	21 51	0 55	14 49	0 27	6 20	1 37	19 55	0 17	4 48	0 29	16 22	3 34	22 5	22 6	4 28	1 52	5 24
T 12	21 30	15 20	3 25	15 58	1 26	19 12	3 19	21 44	0 56	14 51	0 27	6 18	1 37	19 55	0 17	4 48	0 29	16 22	3 34	22 5	22 6	4 31	1 52	5 24
F 13	21 21	11 32	4 12	15 41	1 43	19 3	3 31	21 36	0 56	14 53	0 27	6 16	1 37	19 55	0 17	4 48	0 29	16 21	3 34	22 5	22 6	4 34	1 51	5 24
S 14	21 11	7 19	4 47	15 24	1 59	18 55	3 42	21 29	0 56	14 55	0 27	6 14	1 37	19 54	0 17	4 48	0 29	16 21	3 34	22 5	22 7	4 36	1 51	5 25
S 15	21 1	2 53	5 9	15 9	2 16	18 48	3 53	21 21	0 57	14 57	0 28	6 12	1 37	19 54	0 17	4 49	0 29	16 21	3 34	22 5	22 7	4 39	1 51	5 25
M16	20 51	1n36	5 16	14 55	2 32	18 40	4 3	21 14	0 57	14 59	0 28	6 9	1 37	19 54	0 17	4 49	0 29	16 21	3 34	22 5	22 8	4 41	1 51	5 25
T 17	20 40	6 1	5 11	14 42	2 49	18 33	4 12	21 6	0 57	15 1	0 28	6 7	1 37	19 54	0 17	4 49	0 29	16 20	3 34	22 5	22 8	4 44	1 50	5 25
W18	20 29	10 12	4 52	14 31	3 5	18 26	4 21	20 58	0 58	15 3	0 28	6 5	1 36	19 53	0 17	4 50	0 29	16 20	3 34	22 5	22 8	4 46	1 50	5 26
T 19	20 18	14 2	4 20	14 21	3 20	18 20	4 29	20 49	0 58	15 6	0 28	6 3	1 36	19 53	0 17	4 50	0 29	16 20	3 34	22 5	22 9	4 49	1 50	5 26
F 20	20 6	17 20	3 36	14 13	3 35	18 14	4 37	20 41	0 58	15 8	0 28	6 0	1 36	19 53	0 16	4 50	0 29	16 20	3 34	22 5	22 9	4 51	1 49	5 26
S 21	19 55	19 55	2 41	14 6	3 49	18 8	4 44	20 33	0 58	15 10	0 29	5 58	1 36	19 53	0 16	4 51	0 29	16 19	3 34	22 5	22 10	4 54	1 49	5 26
S 22	19 42	21 36	1 38	14 0	4 3	18 3	4 50	20 24	0 59	15 13	0 29	5 55	1 36	19 53	0 16	4 51	0 29	16 19	3 34	22 5	22 10	4 56	1 48	5 26
M23	19 30	22 10	0 27	13 56	4 15	17 58	4 56	20 15	0 59	15 15	0 29	5 53	1 36	19 53	0 16	4 52	0 29	16 19	3 34	22 5	22 10	4 59	1 48	5 26
T 24	19 17	21 31	0n46	13 54	4 26	17 54	5 2	20 6	0 59	15 17	0 29	5 51	1 36	19 53	0 16	4 52	0 29	16 19	3 34	22 5	22 11	5 1	1 47	5 27
W25	19 3	19 35	1 58	13 53	4 36	17 50	5 6	19 57	1 0	15 20	0 29	5 48	1 36	19 52	0 16	4 52	0 29	16 18	3 33	22 5	22 11	5 4	1 47	5 27
T 26	18 50	16 29	3 5	13 54	4 44	17 46	5 11	19 47	1 0	15 22	0 29	5 46	1 36	19 52	0 16	4 53	0 29	16 18	3 33	22 5	22 12	5 6	1 47	5 27
F 27	18 36	12 22	4 2	13 55	4 51	17 42	5 14	19 38	1 0	15 24	0 30	5 43	1 36	19 52	0 16	4 53	0 30	16 18	3 33	22 5	22 12	5 9	1 46	5 27
S 28	18 22	7 32	4 44	13 59	4 57	17 39	5 18	19 28	1 0	15 27	0 30	5 41	1 36	19 52	0 16	4 54	0 30	16 18	3 33	22 6	22 12	5 11	1 45	5 27
S 29	18 7	2 16	5 9	14 3	5 0	17 37	5 20	19 19	1 1	15 29	0 30	5 38	1 36	19 52	0 16	4 54	0 30	16 17	3 33	22 6	22 13	5 14	1 45	5 28
M30	17 53	3s 7	5 14	14 9	5 3	17 34	5 23	19 9	1 1	15 32	0 30	5 36	1 36	19 52	0 16	4 55	0 30	16 17	3 33	22 6	22 13	5 16	1 44	5 28
T 31	17n38	8s19	5n 0	14n15	5s 3	17n32	5s24	18n59	1n 1	15s34	0s30	5n33	1n36	19s52	0n16	4s55	0s30	16n17	3s33	22n 6	22n14	5n19	1n44	5n28

Julian Day Number = 3056933.5, Delta T = 02h29m30s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'37, Lahiri = 47°05'37

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

AUGUST 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 43 5	10♌47'44	19♏ 3	3°R 9	8♋58	9♌ 6	18°R34	19♍42	0°R46	18°R36	1♌ 3	17♋25	16♋22	26♈23	21°R34	W 1
T 2	20 47 2	11°45'00	3♐ 6	2♌44	9° 7	9°46	18♒26	19°49	0♐46	18♓34	1° 4	17°26	16°19	26°29	21♓32	T 2
F 3	20 50 58	12°42'17	16°58	2°22	9°18	10°26	18°18	19°55	0°46	18°33	1° 6	17°27	16°16	26°36	21°30	F 3
S 4	20 54 55	13°39'33	0♑39	2° 5	9°31	11° 6	18°11	20° 2	0°45	18°32	1° 7	17°29	16°13	26°43	21°28	S 4
S 5	20 58 51	14°36'49	14° 9	1°52	9°45	11°46	18° 3	20° 9	0°45	18°31	1° 9	17°R29	16°10	26°49	21°25	S 5
M 6	21 2 48	15°34'05	27°27	1°44	10° 2	12°25	17°55	20°15	0°45	18°29	1°10	17°29	16° 6	26°56	21°23	M 6
T 7	21 6 44	16°31'22	10♒32	1°D40	10°21	13° 5	17°48	20°22	0°D45	18°28	1°12	17°27	16° 3	27° 3	21°21	T 7
W 8	21 10 41	17°28'38	23°23	1°42	10°41	13°45	17°40	20°29	0°45	18°27	1°13	17°24	16° 0	27°10	21°19	W 8
T 9	21 14 37	18°25'54	6♓ 1	1°50	11° 3	14°24	17°32	20°36	0°45	18°25	1°14	17°20	15°57	27°16	21°16	T 9
F 10	21 18 34	19°23'11	18°26	2° 2	11°27	15° 4	17°24	20°43	0°45	18°24	1°16	17°15	15°54	27°23	21°14	F 10
S 11	21 22 31	20°20'28	0♈39	2°21	11°53	15°43	17°17	20°50	0°45	18°23	1°17	17° 9	15°50	27°30	21°12	S 11
S 12	21 26 27	21°17'45	12°42	2°44	12°20	16°23	17° 9	20°57	0°46	18°21	1°19	17° 4	15°47	27°36	21° 9	S 12
M13	21 30 24	22°15'03	24°38	3°14	12°48	17° 2	17° 1	21° 4	0°46	18°20	1°20	16°59	15°44	27°43	21° 7	M13
T 14	21 34 20	23°12'22	6♉31	3°49	13°18	17°42	16°54	21°11	0°46	18°18	1°22	16°56	15°41	27°50	21° 4	T 14
W15	21 38 17	24° 9'41	18°24	4°29	13°50	18°21	16°46	21°18	0°47	18°17	1°23	16°55	15°38	27°57	21° 2	W15
T 16	21 42 13	25° 7'01	0♊23	5°15	14°23	19° 1	16°38	21°25	0°47	18°16	1°24	16°D55	15°35	28° 3	20°59	T 16
F 17	21 46 10	26° 4'22	12°32	6° 6	14°57	19°40	16°31	21°32	0°48	18°14	1°26	16°56	15°31	28°10	20°57	F 17
S 18	21 50 6	27° 1'43	24°56	7° 3	15°33	20°19	16°23	21°39	0°48	18°13	1°27	16°57	15°28	28°17	20°54	S 18
S 19	21 54 3	27°59'06	7♋39	8° 4	16° 9	20°59	16°16	21°46	0°49	18°11	1°28	16°59	15°25	28°23	20°51	S 19
M20	21 58 0	28°56'29	20°45	9°12	16°47	21°38	16° 8	21°54	0°49	18°10	1°30	16°R59	15°22	28°30	20°49	M20
T 21	22 1 56	29°53'52	4♌16	10°24	17°26	22°17	16° 1	22° 1	0°50	18° 8	1°31	16°58	15°19	28°37	20°46	T 21
W22	22 5 53	0♍51'17	18°11	11°41	18° 6	22°57	15°54	22° 8	0°51	18° 7	1°32	16°54	15°16	28°44	20°43	W22
T 23	22 9 49	1°48'42	2♍28	13° 3	18°47	23°36	15°47	22°16	0°52	18° 5	1°34	16°49	15°12	28°50	20°41	T 23
F 24	22 13 46	2°46'07	17° 1	14°30	19°29	24°15	15°39	22°23	0°52	18° 3	1°35	16°43	15° 9	28°57	20°38	F 24
S 25	22 17 42	3°43'34	1♎45	16° 1	20°13	24°54	15°32	22°30	0°53	18° 2	1°36	16°36	15° 6	29° 4	20°35	S 25
S 26	22 21 39	4°41'00	16°31	17°36	20°57	25°33	15°25	22°38	0°54	18° 0	1°38	16°29	15° 3	29°11	20°32	S 26
M27	22 25 35	5°38'28	1♏12	19°16	21°41	26°12	15°19	22°45	0°55	17°59	1°39	16°23	15° 0	29°17	20°29	M27
T 28	22 29 32	6°35'55	15°41	20°59	22°27	26°51	15°12	22°53	0°56	17°57	1°40	16°20	14°56	29°24	20°27	T 28
W29	22 33 29	7°33'24	29°55	22°46	23°14	27°30	15° 5	23° 0	0°57	17°55	1°41	16°18	14°53	29°31	20°24	W29
T 30	22 37 25	8°30'53	13♐52	24°36	24° 1	28° 9	14°59	23° 8	0°59	17°54	1°43	16°D18	14°50	29°37	20°21	T 30
F 31	22 41 22	9♍28'22	27♐32	26♌29	24♋49	28♌48	14♒52	23♍15	1♐ 0	17♓52	1♌44	16♋18	14♋47	29♈44	20♓18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n22	13s 2	4n28	14n23	5s 2	17n30	5s26	18n48	1n 1	15s37	0s30	5n31	1n36	19s52	0n16	4s56	0s30	16n17	3s33	22n 6	22n14	5n21	1n43	5n28
T 2	17 7	16 59	3 40	14 31	4 59	17 29	5 27	18 38	1 2	15 39	0 30	5 28	1 36	19 52	0 16	4 56	0 30	16 16	3 33	22 6	22 14	5 24	1 42	5 28
F 3	16 51	19 57	2 40	14 39	4 55	17 28	5 27	18 28	1 2	15 42	0 31	5 25	1 36	19 52	0 16	4 57	0 30	16 16	3 33	22 6	22 15	5 26	1 42	5 28
S 4	16 35	21 42	1 31	14 49	4 50	17 26	5 28	18 17	1 2	15 44	0 31	5 23	1 36	19 52	0 16	4 57	0 30	16 16	3 33	22 6	22 15	5 29	1 41	5 28
S 5	16 18	22 11	0 18	14 58	4 43	17 26	5 27	18 7	1 2	15 46	0 31	5 20	1 36	19 52	0 16	4 58	0 30	16 15	3 33	22 6	22 15	5 31	1 40	5 29
M 6	16 2	21 22	0s54	15 8	4 34	17 25	5 27	17 56	1 3	15 49	0 31	5 18	1 36	19 52	0 16	4 58	0 30	16 15	3 33	22 6	22 16	5 34	1 40	5 29
T 7	15 45	19 25	2 3	15 18	4 25	17 24	5 26	17 45	1 3	15 51	0 31	5 15	1 36	19 52	0 16	4 59	0 30	16 15	3 33	22 6	22 16	5 36	1 39	5 29
W 8	15 27	16 30	3 4	15 28	4 15	17 24	5 25	17 34	1 3	15 54	0 31	5 12	1 35	19 52	0 16	4 59	0 30	16 15	3 33	22 6	22 17	5 39	1 38	5 29
T 9	15 10	12 51	3 54	15 37	4 3	17 23	5 24	17 23	1 3	15 56	0 31	5 10	1 35	19 52	0 16	5 0	0 30	16 14	3 33	22 7	22 17	5 41	1 37	5 29
F 10	14 52	8 44	4 33	15 46	3 51	17 23	5 22	17 11	1 4	15 59	0 31	5 7	1 35	19 52	0 16	5 0	0 30	16 14	3 33	22 8	22 17	5 44	1 36	5 29
S 11	14 35	4 19	4 58	15 55	3 38	17 23	5 20	17 0	1 4	16 1	0 32	5 4	1 35	19 52	0 16	5 1	0 30	16 14	3 33	22 8	22 18	5 47	1 36	5 29
S 12	14 17	0n12	5 10	16 3	3 25	17 22	5 18	16 48	1 4	16 4	0 32	5 1	1 35	19 52	0 16	5 1	0 30	16 14	3 33	22 9	22 18	5 49	1 35	5 29
M13	13 58	4 40	5 8	16 10	3 11	17 22	5 16	16 37	1 4	16 6	0 32	4 59	1 35	19 52	0 16	5 2	0 30	16 13	3 33	22 9	22 18	5 52	1 34	5 30
T 14	13 40	8 57	4 53	16 16	2 56	17 22	5 14	16 25	1 5	16 9	0 32	4 56	1 35	19 52	0 16	5 3	0 30	16 13	3 33	22 10	22 19	5 54	1 33	5 30
W15	13 21	12 54	4 26	16 21	2 42	17 22	5 11	16 13	1 5	16 11	0 32	4 53	1 35	19 52	0 16	5 3	0 30	16 13	3 33	22 10	22 19	5 57	1 32	5 30
T 16	13 2	16 22	3 46	16 25	2 27	17 21	5 8	16 1	1 5	16 13	0 32	4 50	1 35	19 52	0 16	5 4	0 30	16 12	3 33	22 10	22 20	5 59	1 31	5 30
F 17	12 43	19 11	2 56	16 27	2 11	17 21	5 5	15 49	1 5	16 16	0 32	4 47	1 35	19 53	0 16	5 4	0 30	16 12	3 33	22 10	22 20	6 2	1 30	5 30
S 18	12 24	21 11	1 57	16 28	1 56	17 20	5 2	15 37	1 5	16 18	0 32	4 45	1 35	19 53	0 16	5 5	0 30	16 12	3 33	22 10	22 20	6 4	1 29	5 30
S 19	12 4	22 10	0 50	16 28	1 41	17 19	4 58	15 25	1 6	16 20	0 32	4 42	1 35	19 53	0 16	5 5	0 30	16 12	3 33	22 9	22 21	6 7	1 28	5 30
M20	11 44	21 59	0n20	16 25	1 26	17 19	4 55	15 12	1 6	16 23	0 33	4 39	1 35	19 53	0 16	5 6	0 30	16 11	3 33	22 9	22 21	6 9	1 27	5 30
T 21	11 24	20 31	1 32	16 20	1 11	17 18	4 51	15 0	1 6	16 25	0 33	4 36	1 35	19 53	0 16	5 7	0 30	16 11	3 33	22 10	22 21	6 12	1 26	5 30
W22	11 4	17 48	2 41	16 14	0 56	17 16	4 47	14 47	1 6	16 27	0 33	4 33	1 35	19 53	0 16	5 7	0 30	16 11	3 33	22 10	22 22	6 14	1 25	5 30
T 23	10 44	13 56	3 41	16 5	0 41	17 15	4 43	14 35	1 6	16 29	0 33	4 30	1 35	19 53	0 16	5 8	0 30	16 11	3 33	22 11	22 22	6 17	1 24	5 30
F 24	10 24	9 11	4 27	15 54	0 27	17 13	4 39	14 22	1 6	16 31	0 33	4 27	1 35	19 54	0 16	5 9	0 30	16 10	3 33	22 11	22 22	6 19	1 23	5 30
S 25	10 3	3 52	4 57	15 41	0 14	17 11	4 35	14 9	1 7	16 34	0 33	4 25	1 35	19 54	0 16	5 9	0 30	16 10	3 33	22 12	22 23	6 22	1 22	5 30
S 26	9 43	1s42	5 7	15 25	0 1	17 9	4 30	13 56	1 7	16 36	0 33	4 22	1 35	19 54	0 16	5 10	0 30	16 10	3 33	22 13	22 23	6 24	1 21	5 30
M27	9 22	7 8	4 57	15 6	0n12	17 7	4 26	13 43	1 7	16 38	0 33	4 19	1 35	19 54	0 16	5 10	0 30	16 9	3 33	22 14	22 23	6 27	1 20	5 30
T 28	9 1	12 6	4 28	14 45	0 24	17 4	4 21	13 30	1 7	16 40	0 33	4 16	1 35	19 55	0 16	5 11	0 30	16 9	3 33	22 14	22 24	6 29	1 19	5 30
W29	8 40	16 19	3 43	14 22	0 35	17 1	4 17	13 17	1 7	16 42	0 33	4 13	1 35	19 55	0 16	5 12	0 30	16 9	3 33	22 14	22 24	6 32	1 18	5 30
T 30	8 18	19 32	2 45	13 55	0 46	16 58	4 12	13 4	1 8	16 44	0 33	4 10	1 35	19 55	0 16	5 12	0 30	16 9	3 33	22 14	22 25	6 34	1 17	5 30
F 31	7n57	21s33	1n39	13n27	0n55	16n55	4s 7	12n51	1n 8	16s46	0s33	4n 7	1n35	19s55	0n15	5s13	0s30	16n 8	3s33	22n14	22n25	6n37	1n16	5n30

Julian Day Number = 3056964.5, Delta T = 02h29m31s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'41, Lahiri = 47°05'41

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3657
geocentric

SEPTEMBER 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 45 18	10♍25'52	10♉55	28♌25	25♋38	29♌27	14°R46	23♍23	1♐ 1	17°R51	1♌45	16°R19	14♋44	29♈51	20°R15	S 1
S 2	22 49 15	11°23'23	24° 4	0♍22	26°28	0♍ 6	14♒40	23°30	1° 2	17♓49	1°46	16♋19	14°41	29°58	20♓12	S 2
M 3	22 53 11	12°20'55	7♒ 0	2°22	27°18	0°45	14°34	23°38	1° 4	17°47	1°47	16°17	14°37	0♉ 4	20° 9	M 3
T 4	22 57 8	13°18'27	19°45	4°23	28° 9	1°24	14°28	23°45	1° 5	17°46	1°49	16°13	14°34	0°11	20° 6	T 4
W 5	23 1 4	14°16'00	2♓18	6°24	29° 1	2° 3	14°22	23°53	1° 7	17°44	1°50	16° 6	14°31	0°18	20° 3	W 5
T 6	23 5 1	15°13'34	14°42	8°27	29°53	2°41	14°16	24° 0	1° 8	17°43	1°51	15°57	14°28	0°24	20° 0	T 6
F 7	23 8 58	16°11'09	26°57	10°30	0♌46	3°20	14°11	24° 8	1°10	17°41	1°52	15°46	14°25	0°31	19°58	F 7
S 8	23 12 54	17° 8'45	9♈ 3	12°33	1°39	3°59	14° 5	24°16	1°11	17°39	1°53	15°35	14°21	0°38	19°55	S 8
S 9	23 16 51	18° 6'22	21° 1	14°36	2°34	4°38	14° 0	24°23	1°13	17°38	1°54	15°24	14°18	0°45	19°52	S 9
M10	23 20 47	19° 4'01	2♉55	16°38	3°28	5°16	13°55	24°31	1°15	17°36	1°55	15°14	14°15	0°51	19°49	M10
T 11	23 24 44	20° 1'40	14°46	18°40	4°23	5°55	13°50	24°38	1°16	17°34	1°56	15° 7	14°12	0°58	19°46	T 11
W12	23 28 40	20°59'22	26°38	20°41	5°19	6°33	13°45	24°46	1°18	17°33	1°57	15° 2	14° 9	1° 5	19°43	W12
T 13	23 32 37	21°57'05	8♊34	22°42	6°15	7°12	13°40	24°54	1°20	17°31	1°58	14°59	14° 6	1°11	19°40	T 13
F 14	23 36 33	22°54'49	20°40	24°41	7°12	7°51	13°36	25° 1	1°22	17°29	1°59	14°D58	14° 2	1°18	19°37	F 14
S 15	23 40 30	23°52'35	3♋ 2	26°39	8° 9	8°29	13°32	25° 9	1°24	17°28	2° 1	14°58	13°59	1°25	19°34	S 15
S 16	23 44 26	24°50'22	15°42	28°36	9° 7	9° 8	13°28	25°17	1°26	17°26	2° 1	14°R58	13°56	1°32	19°31	S 16
M17	23 48 23	25°48'11	28°48	0♎32	10° 5	9°46	13°24	25°24	1°28	17°25	2° 2	14°57	13°53	1°38	19°28	M17
T 18	23 52 20	26°46'01	12♌20	2°26	11° 3	10°25	13°20	25°32	1°30	17°23	2° 3	14°55	13°50	1°45	19°25	T 18
W19	23 56 16	27°43'53	26°22	4°19	12° 2	11° 3	13°16	25°40	1°32	17°21	2° 4	14°50	13°47	1°52	19°22	W19
T 20	0 0 13	28°41'47	10♍51	6°11	13° 1	11°42	13°13	25°47	1°34	17°20	2° 5	14°42	13°43	1°58	19°19	T 20
F 21	0 4 9	29°39'42	25°41	8° 2	14° 1	12°20	13° 9	25°55	1°36	17°18	2° 6	14°32	13°40	2° 5	19°17	F 21
S 22	0 8 6	0♎37'38	10♎46	9°51	15° 1	12°58	13° 6	26° 3	1°38	17°17	2° 7	14°22	13°37	2°12	19°14	S 22
S 23	0 12 2	1°35'36	25°55	11°39	16° 1	13°37	13° 3	26°10	1°41	17°15	2° 8	14°11	13°34	2°19	19°11	S 23
M24	0 15 59	2°33'35	10♏57	13°25	17° 2	14°15	13° 1	26°18	1°43	17°13	2° 9	14° 2	13°31	2°25	19° 8	M24
T 25	0 19 55	3°31'35	25°43	15°11	18° 3	14°54	12°58	26°25	1°45	17°12	2°10	13°56	13°27	2°32	19° 5	T 25
W26	0 23 52	4°29'37	10♐ 9	16°55	19° 5	15°32	12°56	26°33	1°48	17°10	2°10	13°52	13°24	2°39	19° 2	W26
T 27	0 27 49	5°27'40	24°11	18°37	20° 6	16°10	12°53	26°41	1°50	17° 9	2°11	13°50	13°21	2°45	19° 0	T 27
F 28	0 31 45	6°25'44	7♑50	20°19	21° 8	16°48	12°51	26°48	1°53	17° 7	2°12	13°50	13°18	2°52	18°57	F 28
S 29	0 35 42	7°23'50	21° 6	21°59	22°11	17°27	12°50	26°56	1°55	17° 6	2°13	13°50	13°15	2°59	18°54	S 29
S 30	0 39 38	8♎21'56	4♒ 4	23♎38	23♌13	18♍ 5	12♒48	27♍ 3	1♐58	17♓ 4	2♌13	13♋49	13♋12	3♉ 6	18♓51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n35	22s18	0n29	12n56	1n 4	16n51	4s 3	12n37	1n 8	16s48	0s34	4n 4	1n35	19s56	0n15	5s14	0s30	16n 8	3s33	22n14	22n25	6n39	1n15	5n30
S 2	7 14	21 47	0s41	12 22	1 12	16 47	3 58	12 24	1 8	16 50	0 34	4 1	1 35	19 56	0 15	5 14	0 30	16 8	3 33	22 14	22 26	6 42	1 13	5 30
M 3	6 52	20 6	1 48	11 47	1 19	16 42	3 53	12 10	1 8	16 51	0 34	3 58	1 35	19 56	0 15	5 15	0 30	16 8	3 33	22 15	22 26	6 45	1 12	5 30
T 4	6 30	17 26	2 49	11 9	1 25	16 37	3 48	11 57	1 8	16 53	0 34	3 55	1 36	19 57	0 15	5 15	0 30	16 7	3 33	22 15	22 26	6 47	1 11	5 30
W 5	6 8	13 59	3 40	10 29	1 31	16 32	3 43	11 43	1 8	16 55	0 34	3 52	1 36	19 57	0 15	5 16	0 30	16 7	3 33	22 16	22 27	6 50	1 10	5 30
T 6	5 46	9 58	4 20	9 48	1 35	16 27	3 38	11 29	1 9	16 57	0 34	3 50	1 36	19 57	0 15	5 17	0 30	16 7	3 33	22 17	22 27	6 52	1 9	5 30
F 7	5 24	5 36	4 47	9 5	1 39	16 21	3 32	11 16	1 9	16 58	0 34	3 47	1 36	19 58	0 15	5 17	0 30	16 7	3 33	22 18	22 27	6 55	1 8	5 30
S 8	5 2	1 4	5 1	8 21	1 41	16 15	3 27	11 2	1 9	17 0	0 34	3 44	1 36	19 58	0 15	5 18	0 30	16 6	3 33	22 19	22 28	6 57	1 6	5 30
S 9	4 40	3n28	5 2	7 36	1 43	16 8	3 22	10 48	1 9	17 1	0 34	3 41	1 36	19 58	0 15	5 19	0 30	16 6	3 33	22 21	22 28	7 0	1 5	5 30
M10	4 17	7 50	4 49	6 50	1 44	16 1	3 17	10 34	1 9	17 3	0 34	3 38	1 36	19 59	0 15	5 19	0 30	16 6	3 33	22 22	22 28	7 2	1 4	5 30
T 11	3 55	11 55	4 24	6 3	1 45	15 53	3 11	10 20	1 9	17 4	0 34	3 35	1 36	19 59	0 15	5 20	0 30	16 6	3 33	22 23	22 29	7 5	1 3	5 30
W12	3 32	15 32	3 47	5 16	1 44	15 45	3 6	10 6	1 9	17 6	0 34	3 32	1 36	19 59	0 15	5 21	0 30	16 5	3 33	22 23	22 29	7 7	1 2	5 30
T 13	3 10	18 33	3 1	4 27	1 43	15 37	3 1	9 52	1 9	17 7	0 34	3 29	1 36	20 0	0 15	5 21	0 30	16 5	3 33	22 24	22 29	7 10	1 0	5 30
F 14	2 47	20 49	2 5	3 39	1 42	15 29	2 55	9 38	1 10	17 8	0 34	3 26	1 36	20 0	0 15	5 22	0 30	16 5	3 33	22 24	22 30	7 12	0 59	5 30
S 15	2 25	22 8	1 3	2 50	1 39	15 20	2 50	9 24	1 10	17 10	0 34	3 23	1 36	20 1	0 15	5 23	0 30	16 5	3 33	22 24	22 30	7 15	0 58	5 30
S 16	2 2	22 23	0n 4	2 2	1 36	15 10	2 45	9 9	1 10	17 11	0 34	3 20	1 36	20 1	0 15	5 23	0 30	16 5	3 33	22 24	22 30	7 17	0 57	5 29
M17	1 39	21 24	1 13	1 13	1 33	15 0	2 39	8 55	1 10	17 12	0 34	3 17	1 36	20 1	0 15	5 24	0 30	16 4	3 33	22 24	22 31	7 20	0 56	5 29
T 18	1 16	19 11	2 20	0 24	1 29	14 50	2 34	8 41	1 10	17 13	0 34	3 14	1 36	20 2	0 15	5 24	0 30	16 4	3 33	22 24	22 31	7 22	0 54	5 29
W19	0 54	15 46	3 21	0s24	1 25	14 39	2 29	8 26	1 10	17 14	0 34	3 11	1 36	20 2	0 15	5 25	0 30	16 4	3 33	22 25	22 31	7 25	0 53	5 29
T 20	0 31	11 18	4 11	1 12	1 20	14 28	2 23	8 12	1 10	17 15	0 34	3 8	1 36	20 3	0 15	5 26	0 30	16 4	3 33	22 25	22 32	7 27	0 52	5 29
F 21	0 8	6 4	4 45	2 0	1 15	14 16	2 18	7 57	1 10	17 16	0 34	3 5	1 36	20 3	0 15	5 26	0 30	16 3	3 33	22 26	22 32	7 30	0 51	5 29
S 22	0s15	0 23	5 0	2 48	1 10	14 5	2 12	7 43	1 10	17 17	0 35	3 2	1 36	20 4	0 15	5 27	0 30	16 3	3 33	22 28	22 32	7 32	0 49	5 29
S 23	0 38	5s20	4 55	3 35	1 4	13 52	2 7	7 28	1 11	17 18	0 35	2 59	1 36	20 4	0 15	5 28	0 30	16 3	3 33	22 29	22 33	7 35	0 48	5 29
M24	1 1	10 43	4 29	4 22	0 58	13 39	2 2	7 14	1 11	17 19	0 35	2 56	1 37	20 5	0 15	5 28	0 30	16 3	3 33	22 30	22 33	7 37	0 47	5 28
T 25	1 23	15 22	3 45	5 8	0 52	13 26	1 56	6 59	1 11	17 20	0 35	2 53	1 37	20 5	0 15	5 29	0 30	16 3	3 33	22 30	22 33	7 40	0 46	5 28
W26	1 46	19 0	2 48	5 53	0 45	13 13	1 51	6 45	1 11	17 20	0 35	2 50	1 37	20 6	0 15	5 29	0 30	16 2	3 33	22 31	22 33	7 42	0 44	5 28
T 27	2 9	21 24	1 42	6 38	0 38	12 59	1 46	6 30	1 11	17 21	0 35	2 48	1 37	20 6	0 15	5 30	0 30	16 2	3 33	22 31	22 34	7 45	0 43	5 28
F 28	2 32	22 28	0 32	7 23	0 31	12 44	1 40	6 15	1 11	17 21	0 35	2 45	1 37	20 7	0 15	5 31	0 30	16 2	3 33	22 31	22 34	7 47	0 42	5 28
S 29	2 55	22 13	0s38	8 7	0 24	12 30	1 35	6 1	1 11	17 22	0 35	2 42	1 37	20 7	0 15	5 31	0 30	16 2	3 33	22 31	22 34	7 50	0 41	5 28
S 30	3s17	20s46	1s45	8s50	0n17	12n14	1s30	5n46	1n11	17s22	0s35	2n39	1n37	20s 8	0n15	5s32	0s30	16n 2	3s33	22n31	22n35	7n53	0n39	5n27

Julian Day Number = 3056995.5, Delta T = 02h29m32s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'45, Lahiri = 47°05'46

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

OCTOBER 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 43 35	9♎20'04	16♒46	25♎16	24♌16	18♍43	12°R47	27♍11	2♐ 0	17°R 3	2♌14	13°R46	13♋ 8	3♉12	18°R49	M 1
T 2	0 47 31	10°18'14	29°15	26°53	25°20	19°21	12♒45	27°18	2° 3	17♓ 1	2°15	13♋40	13° 5	3°19	18♓46	T 2
W 3	0 51 28	11°16'24	11♓34	28°28	26°23	19°59	12°44	27°26	2° 6	17° 0	2°15	13°31	13° 2	3°26	18°43	W 3
T 4	0 55 24	12°14'37	23°45	0♏ 2	27°27	20°37	12°44	27°33	2° 8	16°58	2°16	13°19	12°59	3°32	18°41	T 4
F 5	0 59 21	13°12'50	5♈49	1°36	28°31	21°15	12°43	27°41	2°11	16°57	2°17	13° 6	12°56	3°39	18°38	F 5
S 6	1 3 17	14°11'06	17°48	3° 8	29°35	21°53	12°42	27°48	2°14	16°56	2°17	12°52	12°53	3°46	18°35	S 6
S 7	1 7 14	15° 9'23	29°42	4°38	0♍40	22°31	12°42	27°56	2°17	16°54	2°18	12°38	12°49	3°53	18°33	S 7
M 8	1 11 11	16° 7'42	11♉34	6° 8	1°45	23° 9	12°D42	28° 3	2°20	16°53	2°18	12°26	12°46	3°59	18°30	M 8
T 9	1 15 7	17° 6'03	23°24	7°37	2°50	23°47	12°42	28°11	2°23	16°51	2°19	12°16	12°43	4° 6	18°28	T 9
W10	1 19 4	18° 4'26	5♊16	9° 4	3°55	24°25	12°42	28°18	2°25	16°50	2°19	12° 8	12°40	4°13	18°25	W10
T 11	1 23 0	19° 2'50	17°13	10°30	5° 1	25° 3	12°43	28°25	2°28	16°49	2°20	12° 4	12°37	4°19	18°23	T 11
F 12	1 26 57	20° 1'17	29°19	11°55	6° 7	25°41	12°44	28°33	2°31	16°47	2°20	12° 2	12°33	4°26	18°21	F 12
S 13	1 30 53	20°59'46	11♋37	13°19	7°13	26°19	12°45	28°40	2°34	16°46	2°21	12°D 2	12°30	4°33	18°18	S 13
S 14	1 34 50	21°58'17	24°14	14°42	8°19	26°57	12°46	28°47	2°38	16°45	2°21	12°R 2	12°27	4°40	18°16	S 14
M15	1 38 46	22°56'50	7♌15	16° 3	9°26	27°35	12°47	28°55	2°41	16°44	2°22	12° 1	12°24	4°46	18°14	M15
T 16	1 42 43	23°55'25	20°42	17°23	10°32	28°13	12°48	29° 2	2°44	16°42	2°22	11°59	12°21	4°53	18°12	T 16
W17	1 46 40	24°54'02	4♍39	18°42	11°39	28°51	12°50	29° 9	2°47	16°41	2°22	11°54	12°18	5° 0	18° 9	W17
T 18	1 50 36	25°52'41	19° 6	19°59	12°46	29°28	12°52	29°16	2°50	16°40	2°23	11°47	12°14	5° 6	18° 7	T 18
F 19	1 54 33	26°51'22	3♎58	21°15	13°54	0♎ 6	12°54	29°23	2°53	16°39	2°23	11°37	12°11	5°13	18° 5	F 19
S 20	1 58 29	27°50'06	19° 9	22°29	15° 1	0°44	12°56	29°30	2°56	16°38	2°23	11°27	12° 8	5°20	18° 3	S 20
S 21	2 2 26	28°48'51	4♏28	23°42	16° 9	1°22	12°58	29°37	3° 0	16°37	2°24	11°16	12° 5	5°27	18° 1	S 21
M22	2 6 22	29°47'38	19°44	24°53	17°17	1°59	13° 1	29°44	3° 3	16°35	2°24	11° 7	12° 2	5°33	17°59	M22
T 23	2 10 19	0♏46'27	4♐46	26° 3	18°25	2°37	13° 4	29°51	3° 6	16°34	2°24	11° 0	11°58	5°40	17°57	T 23
W24	2 14 15	1°45'17	19°26	27°10	19°33	3°15	13° 7	29°58	3°10	16°33	2°24	10°56	11°55	5°47	17°55	W24
T 25	2 18 12	2°44'10	3♑39	28°15	20°41	3°52	13°10	0♎ 5	3°13	16°32	2°24	10°55	11°52	5°53	17°53	T 25
F 26	2 22 9	3°43'04	17°24	29°18	21°50	4°30	13°13	0°12	3°16	16°31	2°25	10°D55	11°49	6° 0	17°52	F 26
S 27	2 26 5	4°41'59	0♒44	0♐19	22°59	5° 8	13°17	0°19	3°20	16°30	2°25	10°R55	11°46	6° 7	17°50	S 27
S 28	2 30 2	5°40'57	13°40	1°17	24° 7	5°45	13°21	0°25	3°23	16°29	2°25	10°55	11°43	6°14	17°48	S 28
M29	2 33 58	6°39'55	26°17	2°12	25°16	6°23	13°24	0°32	3°27	16°29	2°25	10°53	11°39	6°20	17°47	M29
T 30	2 37 55	7°38'56	8♓39	3° 4	26°26	7° 0	13°29	0°39	3°30	16°28	2°25	10°49	11°36	6°27	17°45	T 30
W31	2 41 51	8♏37'58	20♓49	3♐53	27♍35	7♎38	13♒33	0♎45	3♐34	16♓27	2♌25	10♋42	11♋33	6♉34	17♓43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s40	18s17	2s44	9s32	0n10	11n59	1s25	5n31	1n11	17s23	0s35	2n36	1n37	20s 8	0n15	5s32	0s30	16n 2	3s33	22n31	22n35	7n55	0n38	5n27
T 2	4 3	15 0	3 35	10 14	0 2	11 43	1 19	5 16	1 11	17 23	0 35	2 33	1 37	20 9	0 15	5 33	0 30	16 1	3 33	22 32	22 35	7 58	0 37	5 27
W 3	4 25	11 6	4 15	10 55	0s 5	11 27	1 14	5 2	1 11	17 23	0 35	2 30	1 37	20 9	0 15	5 33	0 30	16 1	3 33	22 33	22 36	8 0	0 36	5 27
T 4	4 48	6 47	4 42	11 35	0 13	11 10	1 9	4 47	1 11	17 24	0 35	2 27	1 37	20 10	0 15	5 34	0 30	16 1	3 33	22 34	22 36	8 3	0 35	5 27
F 5	5 10	2 16	4 57	12 15	0 21	10 53	1 4	4 32	1 11	17 24	0 35	2 24	1 38	20 10	0 15	5 35	0 30	16 1	3 33	22 35	22 36	8 5	0 33	5 26
S 6	5 33	2n19	4 58	12 54	0 29	10 35	0 59	4 17	1 11	17 24	0 35	2 22	1 38	20 11	0 15	5 35	0 30	16 1	3 33	22 37	22 37	8 8	0 32	5 26
S 7	5 55	6 47	4 46	13 32	0 37	10 18	0 54	4 2	1 12	17 24	0 35	2 19	1 38	20 12	0 15	5 36	0 30	16 1	3 33	22 38	22 37	8 10	0 31	5 26
M 8	6 17	11 0	4 22	14 9	0 44	9 59	0 49	3 47	1 12	17 24	0 35	2 16	1 38	20 12	0 15	5 36	0 30	16 0	3 33	22 39	22 37	8 13	0 30	5 26
T 9	6 40	14 48	3 47	14 45	0 52	9 41	0 44	3 33	1 12	17 24	0 35	2 13	1 38	20 13	0 15	5 37	0 30	16 0	3 33	22 40	22 37	8 15	0 29	5 25
W10	7 2	18 1	3 1	15 20	1 0	9 22	0 39	3 18	1 12	17 24	0 35	2 10	1 38	20 13	0 15	5 37	0 30	16 0	3 33	22 41	22 38	8 18	0 28	5 25
T 11	7 24	20 30	2 7	15 55	1 8	9 3	0 35	3 3	1 12	17 24	0 35	2 8	1 38	20 14	0 15	5 38	0 30	16 0	3 33	22 41	22 38	8 20	0 26	5 25
F 12	7 46	22 7	1 7	16 29	1 16	8 43	0 30	2 48	1 12	17 24	0 35	2 5	1 38	20 14	0 15	5 38	0 30	16 0	3 33	22 41	22 38	8 23	0 25	5 25
S 13	8 7	22 41	0 2	17 1	1 23	8 24	0 25	2 33	1 12	17 23	0 35	2 2	1 38	20 15	0 15	5 39	0 30	16 0	3 33	22 41	22 39	8 25	0 24	5 24
S 14	8 29	22 8	1n 4	17 33	1 31	8 4	0 21	2 18	1 12	17 23	0 35	1 59	1 39	20 16	0 15	5 39	0 30	16 0	3 33	22 41	22 39	8 28	0 23	5 24
M15	8 51	20 23	2 9	18 4	1 39	7 43	0 16	2 3	1 12	17 23	0 35	1 56	1 39	20 16	0 15	5 40	0 30	16 0	3 33	22 41	22 39	8 30	0 22	5 24
T 16	9 12	17 28	3 10	18 34	1 46	7 22	0 11	1 48	1 12	17 22	0 35	1 54	1 39	20 17	0 15	5 40	0 30	15 59	3 33	22 41	22 39	8 33	0 21	5 24
W17	9 33	13 27	4 1	19 3	1 54	7 1	0 7	1 33	1 12	17 22	0 35	1 51	1 39	20 18	0 15	5 41	0 30	15 59	3 33	22 42	22 40	8 35	0 20	5 23
T 18	9 55	8 33	4 38	19 31	2 1	6 40	0 3	1 19	1 12	17 21	0 35	1 48	1 39	20 18	0 14	5 41	0 30	15 59	3 33	22 43	22 40	8 38	0 19	5 23
F 19	10 16	3 1	4 59	19 58	2 8	6 18	0n 2	1 4	1 12	17 21	0 35	1 46	1 39	20 19	0 14	5 42	0 30	15 59	3 33	22 43	22 40	8 40	0 18	5 23
S 20	10 37	2s49	4 59	20 24	2 15	5 57	0 6	0 49	1 12	17 20	0 35	1 43	1 39	20 19	0 14	5 42	0 30	15 59	3 33	22 44	22 41	8 43	0 16	5 22
S 21	10 57	8 32	4 37	20 49	2 22	5 34	0 10	0 34	1 12	17 20	0 35	1 40	1 39	20 20	0 14	5 42	0 30	15 59	3 33	22 45	22 41	8 45	0 15	5 22
M22	11 18	13 43	3 56	21 13	2 28	5 12	0 14	0 19	1 12	17 19	0 35	1 38	1 40	20 21	0 14	5 43	0 30	15 59	3 33	22 46	22 41	8 48	0 14	5 22
T 23	11 38	17 57	2 59	21 36	2 35	4 50	0 18	0 4	1 12	17 18	0 35	1 35	1 40	20 21	0 14	5 43	0 30	15 59	3 33	22 46	22 41	8 50	0 13	5 22
W24	11 59	20 57	1 52	21 57	2 41	4 27	0 22	0s11	1 12	17 17	0 35	1 32	1 40	20 22	0 14	5 44	0 30	15 59	3 33	22 47	22 42	8 53	0 12	5 21
T 25	12 19	22 32	0 39	22 18	2 46	4 4	0 26	0 25	1 12	17 16	0 35	1 30	1 40	20 23	0 14	5 44	0 30	15 59	3 34	22 47	22 42	8 55	0 11	5 21
F 26	12 39	22 40	0s35	22 37	2 52	3 40	0 30	0 40	1 12	17 15	0 35	1 27	1 40	20 23	0 14	5 44	0 30	15 59	3 34	22 47	22 42	8 58	0 10	5 21
S 27	12 58	21 30	1 43	22 55	2 57	3 17	0 34	0 55	1 12	17 14	0 35	1 25	1 40	20 24	0 14	5 45	0 30	15 59	3 34	22 47	22 43	9 0	0 9	5 20
S 28	13 18	19 13	2 45	23 12	3 2	2 53	0 37	1 10	1 12	17 13	0 35	1 22	1 40	20 25	0 14	5 45	0 30	15 58	3 34	22 47	22 43	9 3	0 8	5 20
M29	13 37	16 3	3 37	23 27	3 6	2 30	0 41	1 24	1 12	17 12	0 35	1 20	1 41	20 25	0 14	5 45	0 30	15 58	3 34	22 47	22 43	9 5	0 8	5 20
T 30	13 56	12 14	4 18	23 42	3 10	2 6	0 45	1 39	1 12	17 11	0 35	1 17	1 41	20 26	0 14	5 46	0 30	15 58	3 34	22 47	22 43	9 8	0 7	5 19
W31	14s15	7s59	4s46	23s54	3s13	1n41	0n48	1s54	1n12	17s10	0s35	1n15	1n41	20s27	0n14	5s46	0s30	15n58	3s34	22n48	22n44	9n10	0n 6	5n19

Julian Day Number = 3057025.5, Delta T = 02h29m33s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'49, Lahiri = 47°05'50

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

NOVEMBER 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 45 48	9♏37'02	2♈52	4♐39	28♍44	8♎15	13♒37	0♎52	3♐37	16°R26	2°R25	10°R33	11♋30	6♉40	17°R42	T 1
F 2	2 49 44	10°36'07	14°48	5°20	29°54	8°53	13°42	0°58	3°41	16♓25	2♌25	10♋22	11°27	6°47	17♓40	F 2
S 3	2 53 41	11°35'15	26°42	5°57	1♎ 4	9°30	13°47	1° 5	3°44	16°24	2°25	10°10	11°24	6°54	17°39	S 3
S 4	2 57 38	12°34'24	8♉34	6°29	2°13	10° 8	13°51	1°11	3°48	16°24	2°25	9°59	11°20	7° 0	17°38	S 4
M 5	3 1 34	13°33'36	20°26	6°56	3°23	10°45	13°57	1°18	3°51	16°23	2°25	9°49	11°17	7° 7	17°36	M 5
T 6	3 5 31	14°32'49	2♊19	7°18	4°34	11°22	14° 2	1°24	3°55	16°22	2°25	9°41	11°14	7°14	17°35	T 6
W 7	3 9 27	15°32'05	14°16	7°33	5°44	12° 0	14° 7	1°30	3°58	16°22	2°25	9°35	11°11	7°21	17°34	W 7
T 8	3 13 24	16°31'22	26°18	7°42	6°54	12°37	14°13	1°36	4° 2	16°21	2°24	9°32	11° 8	7°27	17°33	T 8
F 9	3 17 20	17°30'42	8♋29	7°R44	8° 5	13°15	14°19	1°42	4° 6	16°20	2°24	9°D31	11° 4	7°34	17°32	F 9
S 10	3 21 17	18°30'04	20°51	7°38	9°16	13°52	14°25	1°49	4° 9	16°20	2°24	9°32	11° 1	7°41	17°31	S 10
S 11	3 25 13	19°29'28	3♌29	7°24	10°26	14°29	14°31	1°55	4°13	16°19	2°24	9°33	10°58	7°47	17°30	S 11
M12	3 29 10	20°28'54	16°27	7° 1	11°37	15° 6	14°37	2° 0	4°17	16°19	2°24	9°R34	10°55	7°54	17°29	M12
T 13	3 33 7	21°28'23	29°48	6°30	12°48	15°44	14°43	2° 6	4°20	16°18	2°23	9°33	10°52	8° 1	17°28	T 13
W14	3 37 3	22°27'53	13♍35	5°51	13°59	16°21	14°50	2°12	4°24	16°18	2°23	9°31	10°49	8° 8	17°27	W14
T 15	3 41 0	23°27'26	27°50	5° 2	15°11	16°58	14°57	2°18	4°28	16°18	2°23	9°27	10°45	8°14	17°27	T 15
F 16	3 44 56	24°27'01	12♎29	4° 6	16°22	17°35	15° 4	2°24	4°32	16°17	2°22	9°22	10°42	8°21	17°26	F 16
S 17	3 48 53	25°26'38	27°29	3° 3	17°34	18°12	15°11	2°29	4°35	16°17	2°22	9°15	10°39	8°28	17°25	S 17
S 18	3 52 49	26°26'18	12♏41	1°54	18°45	18°50	15°18	2°35	4°39	16°17	2°22	9° 8	10°36	8°34	17°25	S 18
M19	3 56 46	27°25'59	27°54	0°40	19°57	19°27	15°25	2°40	4°43	16°16	2°21	9° 3	10°33	8°41	17°24	M19
T 20	4 0 42	28°25'43	12♐59	29♏24	21° 9	20° 4	15°33	2°46	4°46	16°16	2°21	8°58	10°30	8°48	17°24	T 20
W21	4 4 39	29°25'28	27°46	28° 9	22°20	20°41	15°40	2°51	4°50	16°16	2°20	8°56	10°26	8°54	17°24	W21
T 22	4 8 36	0♑25'15	12♑ 9	26°55	23°32	21°18	15°48	2°56	4°54	16°16	2°20	8°D56	10°23	9° 1	17°23	T 22
F 23	4 12 32	1°25'03	26° 4	25°46	24°44	21°55	15°56	3° 2	4°58	16°15	2°19	8°57	10°20	9° 8	17°23	F 23
S 24	4 16 29	2°24'54	9♒32	24°43	25°57	22°32	16° 4	3° 7	5° 2	16°15	2°19	8°58	10°17	9°15	17°23	S 24
S 25	4 20 25	3°24'45	22°34	23°49	27° 9	23° 9	16°12	3°12	5° 5	16°15	2°18	8°59	10°14	9°21	17°23	S 25
M26	4 24 22	4°24'38	5♓13	23° 4	28°21	23°46	16°21	3°17	5° 9	16°15	2°18	9°R 0	10°10	9°28	17°D23	M26
T 27	4 28 18	5°24'33	17°35	22°31	29°33	24°23	16°29	3°22	5°13	16°D15	2°17	8°59	10° 7	9°35	17°23	T 27
W28	4 32 15	6°24'30	29°43	22° 9	0♏46	25° 0	16°38	3°26	5°17	16°15	2°17	8°57	10° 4	9°41	17°23	W28
T 29	4 36 11	7°24'27	11♈42	21°D58	1°58	25°37	16°47	3°31	5°20	16°15	2°16	8°53	10° 1	9°48	17°23	T 29
F 30	4 40 8	8♐24'27	23♈36	21♏59	3♏11	26♎13	16♒55	3♎36	5♐24	16♓15	2♌15	8♋48	9♋58	9♉55	17♓23	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s34	3s29	5s 1	24s 5	3s16	1n17	0n51	2s 8	1n12	17s 8	0s35	1n12	1n41	20s27	0n14	5s46	0s30	15n58	3s34	22n49	22n44	9n13	0n 5	5n19
F 2	14 52	1n 7	5 3	24 15	3 18	0s53	0 55	2 23	1 12	17 7	0 35	1 10	1 41	20 28	0 14	5 47	0 30	15 58	3 34	22 49	22 44	9 15	0 4	5 18
S 3	15 10	5 40	4 51	24 23	3 20	0 28	0 58	2 38	1 12	17 6	0 35	1 8	1 41	20 29	0 14	5 47	0 30	15 58	3 34	22 50	22 45	9 18	0 3	5 18
S 4	15 28	10 0	4 27	24 30	3 21	0 3	1 1	2 52	1 12	17 4	0 35	1 5	1 42	20 29	0 14	5 47	0 30	15 58	3 34	22 51	22 45	9 20	0 2	5 18
M 5	15 46	13 58	3 52	24 34	3 20	0s21	1 4	3 7	1 12	17 3	0 35	1 3	1 42	20 30	0 14	5 48	0 30	15 58	3 34	22 52	22 45	9 23	0 2	5 17
T 6	16 4	17 24	3 6	24 37	3 19	0 46	1 7	3 21	1 12	17 1	0 35	1 1	1 42	20 31	0 14	5 48	0 30	15 58	3 34	22 53	22 45	9 25	0 1	5 17
W 7	16 21	20 8	2 11	24 37	3 17	1 11	1 10	3 36	1 12	17 0	0 35	0 58	1 42	20 31	0 14	5 48	0 30	15 58	3 34	22 53	22 46	9 28	0s 0	5 17
T 8	16 38	22 0	1 10	24 36	3 14	1 36	1 13	3 50	1 12	16 58	0 35	0 56	1 42	20 32	0 14	5 48	0 30	15 58	3 34	22 53	22 46	9 30	0 1	5 16
F 9	16 54	22 52	0 6	24 31	3 10	2 1	1 15	4 5	1 12	16 56	0 35	0 54	1 42	20 33	0 14	5 49	0 30	15 58	3 34	22 53	22 46	9 33	0 2	5 16
S 10	17 11	22 37	1n 1	24 25	3 4	2 27	1 18	4 19	1 12	16 55	0 35	0 52	1 43	20 33	0 14	5 49	0 30	15 58	3 34	22 53	22 46	9 35	0 2	5 16
S 11	17 27	21 14	2 6	24 15	2 57	2 52	1 20	4 33	1 12	16 53	0 35	0 49	1 43	20 34	0 14	5 49	0 30	15 58	3 34	22 53	22 47	9 38	0 3	5 15
M12	17 43	18 43	3 6	24 3	2 48	3 17	1 23	4 48	1 12	16 51	0 35	0 47	1 43	20 35	0 14	5 49	0 30	15 58	3 34	22 53	22 47	9 40	0 4	5 15
T 13	17 58	15 9	3 58	23 48	2 38	3 42	1 25	5 2	1 12	16 49	0 34	0 45	1 43	20 35	0 14	5 49	0 30	15 58	3 34	22 53	22 47	9 43	0 4	5 15
W14	18 13	10 40	4 38	23 29	2 26	4 8	1 27	5 16	1 12	16 47	0 34	0 43	1 43	20 36	0 14	5 49	0 30	15 58	3 34	22 53	22 47	9 45	0 5	5 14
T 15	18 28	5 29	5 2	23 7	2 12	4 33	1 29	5 30	1 12	16 45	0 34	0 41	1 44	20 37	0 14	5 50	0 30	15 58	3 34	22 54	22 48	9 48	0 6	5 14
F 16	18 43	0s 9	5 8	22 41	1 56	4 58	1 31	5 44	1 11	16 43	0 34	0 39	1 44	20 37	0 14	5 50	0 30	15 59	3 34	22 54	22 48	9 50	0 6	5 13
S 17	18 57	5 55	4 53	22 12	1 39	5 24	1 33	5 59	1 11	16 41	0 34	0 37	1 44	20 38	0 14	5 50	0 30	15 59	3 34	22 54	22 48	9 53	0 7	5 13
S 18	19 11	11 24	4 18	21 41	1 21	5 49	1 35	6 13	1 11	16 39	0 34	0 35	1 44	20 39	0 14	5 50	0 30	15 59	3 34	22 55	22 48	9 55	0 7	5 13
M19	19 25	16 12	3 24	21 7	1 2	6 14	1 37	6 27	1 11	16 37	0 34	0 33	1 44	20 40	0 14	5 50	0 30	15 59	3 34	22 55	22 49	9 58	0 8	5 12
T 20	19 38	19 54	2 16	20 31	0 41	6 39	1 39	6 40	1 11	16 35	0 34	0 31	1 45	20 40	0 14	5 50	0 30	15 59	3 34	22 55	22 49	10 0	0 8	5 12
W21	19 51	22 12	1 0	19 54	0 21	7 4	1 40	6 54	1 11	16 33	0 34	0 29	1 45	20 41	0 14	5 50	0 30	15 59	3 34	22 56	22 49	10 3	0 9	5 12
T 22	20 3	22 58	0s18	19 18	0 0	7 29	1 42	7 8	1 11	16 30	0 34	0 27	1 45	20 42	0 14	5 50	0 30	15 59	3 34	22 56	22 49	10 5	0 9	5 11
F 23	20 16	22 15	1 32	18 42	0n20	7 54	1 43	7 22	1 11	16 28	0 34	0 25	1 45	20 42	0 14	5 50	0 30	15 59	3 34	22 56	22 50	10 8	0 10	5 11
S 24	20 28	20 16	2 39	18 9	0 39	8 19	1 44	7 36	1 11	16 26	0 34	0 23	1 45	20 43	0 14	5 50	0 30	15 59	3 34	22 56	22 50	10 10	0 10	5 10
S 25	20 39	17 16	3 35	17 38	0 57	8 43	1 45	7 49	1 11	16 23	0 34	0 22	1 46	20 44	0 14	5 50	0 30	15 59	3 34	22 55	22 50	10 13	0 10	5 10
M26	20 50	13 32	4 20	17 12	1 13	9 8	1 47	8 3	1 11	16 21	0 34	0 20	1 46	20 44	0 14	5 50	0 30	15 59	3 34	22 55	22 50	10 15	0 11	5 10
T 27	21 1	9 20	4 51	16 49	1 28	9 32	1 48	8 16	1 11	16 18	0 34	0 18	1 46	20 45	0 14	5 50	0 30	15 59	3 34	22 55	22 51	10 17	0 11	5 9
W28	21 11	4 50	5 8	16 31	1 41	9 56	1 48	8 30	1 11	16 16	0 34	0 16	1 46	20 46	0 14	5 50	0 30	16 0	3 34	22 56	22 51	10 20	0 11	5 9
T 29	21 21	0 12	5 12	16 18	1 51	10 20	1 49	8 43	1 10	16 13	0 34	0 15	1 46	20 46	0 14	5 50	0 30	16 0	3 34	22 56	22 51	10 22	0 12	5 9
F 30	21s31	4n24	5s 2	16s10	2n 0	10s44	1n50	8s56	1n10	16s10	0s34	0n13	1n47	20s47	0n14	5s50	0s30	16n 0	3s34	22n56	22n51	10n25	0s12	5n 8

Julian Day Number = 3057056.5, Delta T = 02h29m34s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'54, Lahiri = 47°05'54

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ASTRODIENST EPHEMERIS for the year 3657
geocentric

DECEMBER 3657 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 44 5	9♐24'28	5♉27	22♏11	4♏24	26♎50	17♒ 5	3♎40	5♐28	16♓16	2°R15	8°R43	9♋55	10♉ 2	17♓23	S 1
S 2	4 48 1	10°24'31	17°19	22°33	5°37	27°27	17°14	3°45	5°32	16°16	2♌14	8♋37	9°51	10° 8	17°24	S 2
M 3	4 51 58	11°24'35	29°14	23° 5	6°49	28° 4	17°23	3°49	5°35	16°16	2°13	8°33	9°48	10°15	17°24	M 3
T 4	4 55 54	12°24'41	11♊13	23°45	8° 2	28°40	17°32	3°53	5°39	16°16	2°13	8°29	9°45	10°22	17°25	T 4
W 5	4 59 51	13°24'49	23°19	24°33	9°15	29°17	17°42	3°58	5°43	16°16	2°12	8°27	9°42	10°28	17°25	W 5
T 6	5 3 47	14°24'59	5♋33	25°28	10°28	29°54	17°51	4° 2	5°47	16°17	2°11	8°D26	9°39	10°35	17°26	T 6
F 7	5 7 44	15°25'10	17°57	26°29	11°42	0♏31	18° 1	4° 6	5°50	16°17	2°10	8°26	9°36	10°42	17°26	F 7
S 8	5 11 40	16°25'23	0♌32	27°35	12°55	1° 7	18°11	4°10	5°54	16°17	2°10	8°27	9°32	10°48	17°27	S 8
S 9	5 15 37	17°25'38	13°20	28°45	14° 8	1°44	18°21	4°14	5°58	16°18	2° 9	8°29	9°29	10°55	17°28	S 9
M10	5 19 34	18°25'55	26°24	29°59	15°21	2°20	18°31	4°17	6° 1	16°18	2° 8	8°30	9°26	11° 2	17°28	M10
T 11	5 23 30	19°26'14	9♍47	1♐17	16°35	2°57	18°41	4°21	6° 5	16°19	2° 7	8°31	9°23	11° 9	17°29	T 11
W12	5 27 27	20°26'34	23°28	2°38	17°48	3°34	18°52	4°25	6° 9	16°19	2° 6	8°R32	9°20	11°15	17°30	W12
T 13	5 31 23	21°26'57	7♎30	4° 1	19° 2	4°10	19° 2	4°28	6°13	16°20	2° 5	8°31	9°16	11°22	17°31	T 13
F 14	5 35 20	22°27'21	21°51	5°26	20°15	4°47	19°13	4°32	6°16	16°20	2° 5	8°30	9°13	11°29	17°32	F 14
S 15	5 39 16	23°27'47	6♏29	6°52	21°29	5°23	19°23	4°35	6°20	16°21	2° 4	8°28	9°10	11°35	17°33	S 15
S 16	5 43 13	24°28'15	21°18	8°20	22°43	5°59	19°34	4°38	6°23	16°22	2° 3	8°26	9° 7	11°42	17°34	S 16
M17	5 47 9	25°28'45	6♐12	9°49	23°56	6°36	19°45	4°41	6°27	16°22	2° 2	8°24	9° 4	11°49	17°35	M17
T 18	5 51 6	26°29'16	21° 2	11°19	25°10	7°12	19°56	4°44	6°31	16°23	2° 1	8°23	9° 1	11°55	17°37	T 18
W19	5 55 3	27°29'49	5♑41	12°50	26°24	7°49	20° 7	4°47	6°34	16°24	2° 0	8°D23	8°57	12° 2	17°38	W19
T 20	5 58 59	28°30'23	20° 2	14°22	27°38	8°25	20°18	4°50	6°38	16°25	1°59	8°23	8°54	12° 9	17°39	T 20
F 21	6 2 56	29°30'58	4♒ 1	15°54	28°52	9° 1	20°29	4°53	6°41	16°25	1°58	8°24	8°51	12°16	17°41	F 21
S 22	6 6 52	0♑31'35	17°34	17°26	0♐ 6	9°37	20°41	4°55	6°45	16°26	1°57	8°24	8°48	12°22	17°42	S 22
S 23	6 10 49	1°32'12	0♓43	18°59	1°20	10°14	20°52	4°58	6°48	16°27	1°56	8°25	8°45	12°29	17°44	S 23
M24	6 14 45	2°32'51	13°28	20°31	2°34	10°50	21° 4	5° 0	6°52	16°28	1°55	8°26	8°42	12°36	17°46	M24
T 25	6 18 42	3°33'30	25°54	22° 4	3°48	11°26	21°15	5° 2	6°55	16°29	1°54	8°26	8°38	12°42	17°47	T 25
W26	6 22 39	4°34'11	8♈ 4	23°38	5° 2	12° 2	21°27	5° 5	6°59	16°30	1°53	8°R26	8°35	12°49	17°49	W26
T 27	6 26 35	5°34'52	20° 4	25°11	6°16	12°38	21°39	5° 7	7° 2	16°31	1°52	8°26	8°32	12°56	17°51	T 27
F 28	6 30 32	6°35'34	1♉56	26°44	7°31	13°14	21°51	5° 9	7° 6	16°32	1°51	8°26	8°29	13° 2	17°52	F 28
S 29	6 34 28	7°36'18	13°47	28°18	8°45	13°50	22° 3	5°10	7° 9	16°33	1°49	8°26	8°26	13° 9	17°54	S 29
S 30	6 38 25	8°37'02	25°40	29°51	9°59	14°26	22°15	5°12	7°12	16°34	1°48	8°D26	8°22	13°16	17°56	S 30
M31	6 42 21	9♑37'47	7♊38	1♑25	11♐13	15♏ 2	22♒27	5♎14	7♐16	16♓35	1♌47	8♋26	8♋19	13♉23	17♓58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s40	8n50	4s39	16s 6	2n 8	11s 8	1n51	9s10	1n10	16s 8	0s34	0n11	1n47	20s48	0n14	5s50	0s30	16n 0	3s34	22n57	22n52	10n27	0s12	5n 8
S 2	21 49	12 56	4 4	16 6	2 13	11 31	1 51	9 23	1 10	16 5	0 34	0 10	1 47	20 48	0 14	5 50	0 30	16 0	3 34	22 57	22 52	10 30	0 13	5 7
M 3	21 57	16 34	3 19	16 10	2 17	11 55	1 52	9 36	1 10	16 2	0 34	0 8	1 47	20 49	0 14	5 50	0 30	16 0	3 34	22 57	22 52	10 32	0 13	5 7
T 4	22 5	19 33	2 24	16 18	2 19	12 18	1 52	9 49	1 10	15 59	0 34	0 7	1 48	20 50	0 14	5 50	0 30	16 0	3 34	22 57	22 52	10 35	0 13	5 7
W 5	22 12	21 41	1 22	16 29	2 20	12 40	1 52	10 2	1 10	15 56	0 34	0 5	1 48	20 50	0 14	5 50	0 30	16 0	3 34	22 58	22 52	10 37	0 13	5 6
T 6	22 19	22 51	0 16	16 42	2 20	13 3	1 53	10 15	1 10	15 53	0 34	0 4	1 48	20 51	0 14	5 50	0 30	16 1	3 34	22 58	22 53	10 40	0 13	5 6
F 7	22 26	22 54	0n52	16 57	2 18	13 25	1 53	10 28	1 10	15 50	0 34	0 3	1 48	20 52	0 14	5 50	0 30	16 1	3 34	22 58	22 53	10 42	0 13	5 5
S 8	22 32	21 48	1 59	17 14	2 16	13 47	1 53	10 40	1 9	15 47	0 34	0 1	1 49	20 52	0 14	5 50	0 30	16 1	3 34	22 58	22 53	10 45	0 13	5 5
S 9	22 38	19 33	3 1	17 32	2 13	14 9	1 53	10 53	1 9	15 44	0 34	0 0	1 49	20 53	0 14	5 49	0 30	16 1	3 34	22 57	22 53	10 47	0 14	5 5
M10	22 44	16 17	3 55	17 52	2 9	14 30	1 52	11 6	1 9	15 41	0 34	0s 1	1 49	20 54	0 14	5 49	0 30	16 1	3 34	22 57	22 54	10 50	0 14	5 4
T 11	22 49	12 7	4 37	18 12	2 5	14 51	1 52	11 18	1 9	15 38	0 34	0 2	1 49	20 54	0 14	5 49	0 30	16 1	3 34	22 57	22 54	10 52	0 14	5 4
W12	22 53	7 15	5 5	18 33	2 0	15 12	1 52	11 31	1 9	15 35	0 34	0 4	1 50	20 55	0 14	5 49	0 30	16 2	3 34	22 57	22 54	10 55	0 14	5 4
T 13	22 57	1 54	5 16	18 54	1 54	15 32	1 51	11 43	1 9	15 32	0 34	0 5	1 50	20 55	0 14	5 49	0 30	16 2	3 34	22 57	22 54	10 57	0 14	5 3
F 14	23 1	3s41	5 7	19 15	1 48	15 52	1 51	11 55	1 9	15 28	0 34	0 6	1 50	20 56	0 14	5 48	0 30	16 2	3 34	22 57	22 54	10 59	0 14	5 3
S 15	23 4	9 10	4 39	19 35	1 42	16 12	1 50	12 7	1 8	15 25	0 34	0 7	1 50	20 57	0 14	5 48	0 30	16 2	3 34	22 57	22 55	11 2	0 13	5 3
S 16	23 7	14 11	3 52	19 56	1 35	16 31	1 50	12 19	1 8	15 22	0 34	0 8	1 51	20 57	0 14	5 48	0 30	16 2	3 34	22 58	22 55	11 4	0 13	5 2
M17	23 9	18 23	2 49	20 16	1 29	16 50	1 49	12 31	1 8	15 18	0 34	0 9	1 51	20 58	0 14	5 48	0 30	16 3	3 34	22 58	22 55	11 7	0 13	5 2
T 18	23 11	21 21	1 35	20 35	1 22	17 8	1 48	12 43	1 8	15 15	0 34	0 10	1 51	20 59	0 14	5 47	0 30	16 3	3 34	22 58	22 55	11 9	0 13	5 1
W19	23 12	22 51	0 15	20 54	1 15	17 26	1 47	12 55	1 8	15 12	0 34	0 11	1 51	20 59	0 14	5 47	0 30	16 3	3 34	22 58	22 56	11 12	0 13	5 1
T 20	23 13	22 48	1s 4	21 12	1 8	17 44	1 46	13 7	1 8	15 8	0 34	0 12	1 52	21 0	0 14	5 47	0 30	16 3	3 34	22 58	22 56	11 14	0 13	5 1
F 21	23 13	21 18	2 17	21 29	1 0	18 1	1 45	13 19	1 7	15 5	0 34	0 12	1 52	21 0	0 14	5 46	0 30	16 4	3 34	22 58	22 56	11 17	0 13	5 0
S 22	23 13	18 37	3 21	21 46	0 53	18 17	1 44	13 30	1 7	15 1	0 34	0 13	1 52	21 1	0 14	5 46	0 30	16 4	3 34	22 58	22 56	11 19	0 12	5 0
S 23	23 13	15 2	4 11	22 1	0 46	18 34	1 43	13 41	1 7	14 57	0 34	0 14	1 52	21 2	0 14	5 46	0 30	16 4	3 34	22 58	22 56	11 22	0 12	5 0
M24	23 12	10 52	4 48	22 15	0 38	18 49	1 42	13 53	1 7	14 54	0 34	0 15	1 53	21 2	0 14	5 45	0 30	16 4	3 34	22 58	22 57	11 24	0 12	4 59
T 25	23 11	6 22	5 10	22 29	0 31	19 4	1 41	14 4	1 7	14 50	0 34	0 15	1 53	21 3	0 14	5 45	0 30	16 4	3 34	22 58	22 57	11 26	0 11	4 59
W26	23 9	1 42	5 17	22 41	0 24	19 19	1 39	14 15	1 7	14 46	0 34	0 16	1 53	21 3	0 14	5 45	0 30	16 5	3 34	22 58	22 57	11 29	0 11	4 59
T 27	23 7	2n58	5 11	22 52	0 16	19 33	1 38	14 26	1 6	14 43	0 34	0 17	1 53	21 4	0 14	5 44	0 30	16 5	3 34	22 58	22 57	11 31	0 11	4 58
F 28	23 4	7 29	4 51	23 2	0 9	19 47	1 36	14 37	1 6	14 39	0 35	0 17	1 54	21 4	0 14	5 44	0 30	16 5	3 34	22 58	22 57	11 34	0 10	4 58
S 29	23 1	11 42	4 19	23 11	0 2	20 0	1 35	14 48	1 6	14 35	0 35	0 18	1 54	21 5	0 14	5 43	0 30	16 5	3 34	22 58	22 58	11 36	0 10	4 57
S 30	22 57	15 30	3 36	23 19	0s 5	20 13	1 33	14 59	1 6	14 31	0 35	0 18	1 54	21 6	0 14	5 43	0 30	16 6	3 34	22 58	22 58	11 39	0 10	4 57
M31	22s53	18n43	2s43	23s25	0s12	20s25	1n31	15s 9	1n 5	14s27	0s35	0s18	1n54	21s 6	0n14	5s43	0s30	16n 6	3s34	22n58	22n58	11n41	0s 9	4n57

Julian Day Number = 3057086.5, Delta T = 02h29m35s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°58'58, Lahiri = 47°05'58

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

JANUARY 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 46 18	10♑38'34	19♊45	2♑58	12♐28	15♏38	22♒39	5♎15	7♐19	16♓36	1°R46	8♋26	8♋16	13♉29	18♓ 0	T 1
W 2	6 50 14	11°39'21	2♋ 3	4°32	13°42	16°14	22°51	5°17	7°22	16°38	1♏45	8°26	8°13	13°36	18° 2	W 2
T 3	6 54 11	12°40'09	14°32	6° 6	14°57	16°49	23° 4	5°18	7°26	16°39	1°44	8°R26	8°10	13°43	18° 5	T 3
F 4	6 58 8	13°40'58	27°15	7°39	16°11	17°25	23°16	5°19	7°29	16°40	1°43	8°26	8° 7	13°49	18° 7	F 4
S 5	7 2 4	14°41'48	10♌11	9°13	17°25	18° 1	23°29	5°20	7°32	16°41	1°42	8°25	8° 3	13°56	18° 9	S 5
S 6	7 6 1	15°42'39	23°21	10°47	18°40	18°37	23°41	5°21	7°35	16°43	1°40	8°24	8° 0	14° 3	18°11	S 6
M 7	7 9 57	16°43'32	6♍44	12°21	19°55	19°12	23°54	5°22	7°38	16°44	1°39	8°23	7°57	14° 9	18°14	M 7
T 8	7 13 54	17°44'25	20°20	13°54	21° 9	19°48	24° 6	5°23	7°42	16°45	1°38	8°22	7°54	14°16	18°16	T 8
W 9	7 17 50	18°45'19	4♎ 7	15°28	22°24	20°23	24°19	5°24	7°45	16°47	1°37	8°21	7°51	14°23	18°18	W 9
T 10	7 21 47	19°46'14	18° 6	17° 3	23°38	20°59	24°32	5°24	7°48	16°48	1°36	8°D21	7°48	14°30	18°21	T 10
F 11	7 25 43	20°47'11	2♏15	18°37	24°53	21°34	24°45	5°25	7°51	16°49	1°34	8°21	7°44	14°36	18°23	F 11
S 12	7 29 40	21°48'08	16°32	20°11	26° 8	22°10	24°58	5°25	7°54	16°51	1°33	8°22	7°41	14°43	18°26	S 12
S 13	7 33 37	22°49'07	0♐55	21°46	27°22	22°45	25°11	5°25	7°57	16°52	1°32	8°23	7°38	14°50	18°29	S 13
M14	7 37 33	23°50'07	15°20	23°20	28°37	23°21	25°24	5°R25	8° 0	16°54	1°31	8°24	7°35	14°56	18°31	M14
T 15	7 41 30	24°51'07	29°43	24°55	29°52	23°56	25°37	5°25	8° 2	16°56	1°30	8°25	7°32	15° 3	18°34	T 15
W16	7 45 26	25°52'08	13♑58	26°30	1♑ 7	24°31	25°50	5°25	8° 5	16°57	1°28	8°R25	7°28	15°10	18°37	W16
T 17	7 49 23	26°53'10	28° 3	28° 5	2°21	25° 6	26° 4	5°25	8° 8	16°59	1°27	8°24	7°25	15°16	18°39	T 17
F 18	7 53 19	27°54'12	11♒51	29°41	3°36	25°42	26°17	5°25	8°11	17° 0	1°26	8°22	7°22	15°23	18°42	F 18
S 19	7 57 16	28°55'15	25°20	1♒16	4°51	26°17	26°30	5°24	8°14	17° 2	1°25	8°20	7°19	15°30	18°45	S 19
S 20	8 1 13	29°56'18	8♓29	2°52	6° 6	26°52	26°44	5°24	8°16	17° 4	1°24	8°16	7°16	15°36	18°48	S 20
M21	8 5 9	0♒57'21	21°16	4°29	7°21	27°27	26°57	5°23	8°19	17° 5	1°22	8°13	7°13	15°43	18°51	M21
T 22	8 9 6	1°58'24	3♈45	6° 5	8°36	28° 2	27°11	5°22	8°22	17° 7	1°21	8° 9	7° 9	15°50	18°54	T 22
W23	8 13 2	2°59'27	15°58	7°42	9°51	28°37	27°24	5°21	8°24	17° 9	1°20	8° 7	7° 6	15°57	18°57	W23
T 24	8 16 59	4° 0'31	27°59	9°18	11° 6	29°11	27°38	5°20	8°27	17°11	1°19	8° 6	7° 3	16° 3	19° 0	T 24
F 25	8 20 55	5° 1'34	9♉52	10°56	12°20	29°46	27°51	5°19	8°29	17°12	1°17	8°D 6	7° 0	16°10	19° 3	F 25
S 26	8 24 52	6° 2'37	21°42	12°33	13°35	0♐21	28° 5	5°18	8°32	17°14	1°16	8° 7	6°57	16°17	19° 6	S 26
S 27	8 28 48	7° 3'41	3♊35	14°11	14°50	0°56	28°19	5°17	8°34	17°16	1°15	8° 9	6°54	16°23	19°10	S 27
M28	8 32 45	8° 4'44	15°35	15°49	16° 5	1°30	28°32	5°15	8°36	17°18	1°14	8°10	6°50	16°30	19°13	M28
T 29	8 36 42	9° 5'47	27°46	17°27	17°20	2° 5	28°46	5°14	8°39	17°20	1°13	8°12	6°47	16°37	19°16	T 29
W30	8 40 38	10° 6'50	10♋13	19° 5	18°35	2°39	29° 0	5°12	8°41	17°22	1°11	8°R12	6°44	16°43	19°19	W30
T 31	8 44 35	11♒ 7'53	22♋56	20♒43	19♑50	3♐14	29♒14	5♎10	8♐43	17♓24	1♏10	8♋11	6♋41	16♉50	19♓23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s48	21n 8	1s42	23s31	0s19	20s36	1n30	15s20	1n 5	14s23	0s35	0s19	1n55	21s 7	0n14	5s42	0s30	16n 6	3s34	22n58	22n58	11n44	0s 9	4n56
W 2	22 43	22 37	0 35	23 35	0 26	20 47	1 28	15 30	1 5	14 19	0 35	0 19	1 55	21 7	0 14	5 42	0 30	16 6	3 34	22 58	22 58	11 46	0 8	4 56
T 3	22 38	23 0	0n34	23 38	0 33	20 58	1 26	15 41	1 5	14 15	0 35	0 19	1 55	21 8	0 14	5 41	0 30	16 7	3 34	22 58	22 59	11 48	0 8	4 56
F 4	22 32	22 12	1 43	23 39	0 39	21 7	1 24	15 51	1 5	14 11	0 35	0 20	1 56	21 8	0 14	5 41	0 30	16 7	3 34	22 58	22 59	11 51	0 7	4 55
S 5	22 25	20 13	2 47	23 40	0 45	21 16	1 22	16 1	1 4	14 7	0 35	0 20	1 56	21 9	0 14	5 40	0 30	16 7	3 34	22 58	22 59	11 53	0 6	4 55
S 6	22 19	17 9	3 44	23 39	0 52	21 25	1 20	16 11	1 4	14 3	0 35	0 20	1 56	21 9	0 14	5 40	0 30	16 8	3 34	22 58	22 59	11 56	0 6	4 55
M 7	22 11	13 9	4 30	23 37	0 58	21 33	1 18	16 21	1 4	13 59	0 35	0 20	1 56	21 10	0 14	5 39	0 30	16 8	3 34	22 58	22 59	11 58	0 5	4 55
T 8	22 4	8 25	5 1	23 34	1 4	21 40	1 16	16 30	1 4	13 55	0 35	0 20	1 57	21 10	0 14	5 39	0 30	16 8	3 34	22 58	23 0	12 1	0 5	4 54
W 9	21 56	3 13	5 16	23 29	1 9	21 47	1 14	16 40	1 3	13 51	0 35	0 20	1 57	21 11	0 14	5 38	0 30	16 8	3 34	22 58	23 0	12 3	0 4	4 54
T 10	21 47	2s13	5 12	23 23	1 15	21 53	1 12	16 50	1 3	13 46	0 35	0 20	1 57	21 11	0 14	5 38	0 30	16 9	3 34	22 58	23 0	12 6	0 3	4 54
F 11	21 38	7 36	4 50	23 16	1 20	21 58	1 9	16 59	1 3	13 42	0 35	0 20	1 57	21 12	0 14	5 37	0 30	16 9	3 34	22 58	23 0	12 8	0 3	4 53
S 12	21 29	12 39	4 9	23 8	1 25	22 3	1 7	17 8	1 3	13 38	0 35	0 20	1 58	21 12	0 14	5 36	0 30	16 9	3 34	22 58	23 0	12 10	0 2	4 53
S 13	21 19	17 1	3 13	22 58	1 30	22 7	1 5	17 17	1 2	13 34	0 35	0 20	1 58	21 13	0 14	5 36	0 30	16 10	3 34	22 58	23 0	12 13	0 1	4 53
M14	21 9	20 22	2 4	22 47	1 35	22 11	1 2	17 27	1 2	13 29	0 35	0 19	1 58	21 13	0 14	5 35	0 30	16 10	3 34	22 58	23 1	12 15	0 1	4 52
T 15	20 58	22 26	0 48	22 35	1 39	22 13	1 0	17 35	1 2	13 25	0 35	0 19	1 58	21 14	0 14	5 35	0 30	16 10	3 34	22 58	23 1	12 18	0n 0	4 52
W16	20 47	23 0	0s31	22 21	1 43	22 16	0 58	17 44	1 1	13 21	0 35	0 19	1 59	21 14	0 14	5 34	0 30	16 11	3 34	22 58	23 1	12 20	0 1	4 52
T 17	20 36	22 6	1 46	22 7	1 47	22 17	0 55	17 53	1 1	13 16	0 35	0 19	1 59	21 15	0 14	5 33	0 30	16 11	3 34	22 58	23 1	12 22	0 2	4 51
F 18	20 24	19 52	2 54	21 51	1 51	22 18	0 53	18 2	1 1	13 12	0 35	0 18	1 59	21 15	0 14	5 33	0 30	16 11	3 34	22 58	23 1	12 25	0 3	4 51
S 19	20 12	16 35	3 51	21 33	1 54	22 18	0 50	18 10	1 0	13 7	0 35	0 18	2 0	21 15	0 14	5 32	0 30	16 11	3 34	22 58	23 2	12 27	0 4	4 51
S 20	19 59	12 33	4 33	21 15	1 57	22 17	0 48	18 18	1 0	13 3	0 35	0 17	2 0	21 16	0 14	5 31	0 30	16 12	3 34	22 58	23 2	12 30	0 4	4 51
M21	19 46	8 3	5 1	20 55	2 0	22 16	0 45	18 27	1 0	12 58	0 35	0 17	2 0	21 16	0 14	5 31	0 30	16 12	3 33	22 58	23 2	12 32	0 5	4 50
T 22	19 33	3 19	5 13	20 34	2 3	22 14	0 43	18 35	1 0	12 54	0 35	0 16	2 0	21 17	0 14	5 30	0 30	16 12	3 33	22 59	23 2	12 35	0 6	4 50
W23	19 19	1n26	5 11	20 12	2 5	22 12	0 40	18 43	0 59	12 49	0 35	0 16	2 1	21 17	0 14	5 29	0 30	16 13	3 33	22 59	23 2	12 37	0 7	4 50
T 24	19 5	6 3	4 56	19 48	2 6	22 9	0 37	18 50	0 59	12 44	0 35	0 15	2 1	21 17	0 14	5 29	0 30	16 13	3 33	22 59	23 2	12 39	0 8	4 50
F 25	18 50	10 24	4 28	19 23	2 8	22 5	0 35	18 58	0 59	12 40	0 35	0 14	2 1	21 18	0 14	5 28	0 30	16 13	3 33	22 59	23 3	12 42	0 9	4 49
S 26	18 36	14 21	3 48	18 57	2 9	22 0	0 32	19 6	0 58	12 35	0 35	0 14	2 1	21 18	0 14	5 27	0 30	16 14	3 33	22 59	23 3	12 44	0 10	4 49
S 27	18 21	17 45	2 59	18 30	2 10	21 55	0 30	19 13	0 58	12 31	0 35	0 13	2 2	21 19	0 14	5 27	0 30	16 14	3 33	22 59	23 3	12 47	0 11	4 49
M28	18 5	20 27	2 1	18 1	2 10	21 49	0 27	19 20	0 57	12 26	0 35	0 12	2 2	21 19	0 14	5 26	0 30	16 14	3 33	22 59	23 3	12 49	0 12	4 49
T 29	17 49	22 16	0 57	17 32	2 10	21 43	0 24	19 28	0 57	12 21	0 35	0 11	2 2	21 19	0 14	5 25	0 30	16 15	3 33	22 58	23 3	12 51	0 13	4 48
W30	17 33	23 1	0n11	17 1	2 9	21 35	0 22	19 35	0 57	12 16	0 35	0 10	2 2	21 20	0 14	5 25	0 30	16 15	3 33	22 58	23 3	12 54	0 14	4 48
T 31	17s17	22n36	1n20	16s29	2s 8	21s28	0n19	19s42	0n56	12s12	0s36	0s 9	2n 3	21s20	0n14	5s24	0s30	16n15	3s33	22n59	23n 4	12n56	0n15	4n48

Julian Day Number = 3057117.5, Delta T = 02h29m36s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'02, Lahiri = 47°06'03

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

FEBRUARY 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 48 31	12♒ 8'56	5♌58	22♒22	21♉ 5	3♐48	29♒28	5°R 8	8♐45	17♓25	1°R 9	8°R 9	6♋38	16♉57	19♓26	F 1
S 2	8 52 28	13° 9'59	19°19	24° 0	22°20	4°22	29°42	5♎ 6	8°48	17°27	1♌ 8	8♋ 4	6°34	17° 3	19°30	S 2
S 3	8 56 24	14°11'02	2♍56	25°39	23°35	4°57	29°56	5° 4	8°50	17°29	1° 7	7°59	6°31	17°10	19°33	S 3
M 4	9 0 21	15°12'05	16°47	27°17	24°50	5°31	0♓10	5° 2	8°52	17°31	1° 5	7°52	6°28	17°17	19°36	M 4
T 5	9 4 17	16°13'07	0♎48	28°55	26° 5	6° 5	0°24	5° 0	8°54	17°33	1° 4	7°46	6°25	17°24	19°40	T 5
W 6	9 8 14	17°14'10	14°55	0♓33	27°21	6°39	0°38	4°57	8°56	17°35	1° 3	7°41	6°22	17°30	19°43	W 6
T 7	9 12 11	18°15'13	29° 5	2°10	28°36	7°13	0°52	4°55	8°58	17°37	1° 2	7°38	6°19	17°37	19°47	T 7
F 8	9 16 7	19°16'16	13♏15	3°47	29°51	7°47	1° 6	4°52	8°59	17°39	1° 1	7°D36	6°15	17°44	19°50	F 8
S 9	9 20 4	20°17'19	27°23	5°22	1♒ 6	8°21	1°20	4°50	9° 1	17°42	0°59	7°36	6°12	17°50	19°54	S 9
S 10	9 24 0	21°18'22	11♐28	6°57	2°21	8°54	1°34	4°47	9° 3	17°44	0°58	7°37	6° 9	17°57	19°58	S 10
M11	9 27 57	22°19'25	25°28	8°29	3°36	9°28	1°48	4°44	9° 5	17°46	0°57	7°38	6° 6	18° 4	20° 1	M11
T 12	9 31 53	23°20'28	9♑22	10° 0	4°51	10° 2	2° 2	4°41	9° 6	17°48	0°56	7°R39	6° 3	18°10	20° 5	T 12
W13	9 35 50	24°21'31	23°10	11°29	6° 6	10°35	2°16	4°38	9° 8	17°50	0°55	7°38	6° 0	18°17	20° 9	W13
T 14	9 39 46	25°22'33	6♒48	12°54	7°21	11° 9	2°31	4°35	9° 9	17°52	0°54	7°34	5°56	18°24	20°12	T 14
F 15	9 43 43	26°23'35	20°14	14°17	8°37	11°42	2°45	4°32	9°11	17°54	0°53	7°28	5°53	18°30	20°16	F 15
S 16	9 47 40	27°24'37	3♓28	15°35	9°52	12°16	2°59	4°29	9°12	17°56	0°52	7°20	5°50	18°37	20°20	S 16
S 17	9 51 36	28°25'38	16°26	16°49	11° 7	12°49	3°13	4°25	9°14	17°59	0°51	7°11	5°47	18°44	20°24	S 17
M18	9 55 33	29°26'38	29° 8	17°57	12°22	13°22	3°27	4°22	9°15	18° 1	0°50	7° 1	5°44	18°50	20°27	M18
T 19	9 59 29	0♓27'37	11♈34	19° 0	13°37	13°55	3°42	4°18	9°16	18° 3	0°48	6°51	5°40	18°57	20°31	T 19
W20	10 3 26	1°28'36	23°46	19°55	14°52	14°28	3°56	4°15	9°18	18° 5	0°47	6°43	5°37	19° 4	20°35	W20
T 21	10 7 22	2°29'33	5♉46	20°42	16° 8	15° 1	4°10	4°11	9°19	18° 7	0°46	6°37	5°34	19°11	20°39	T 21
F 22	10 11 19	3°30'30	17°39	21°21	17°23	15°33	4°24	4° 7	9°20	18°10	0°45	6°33	5°31	19°17	20°43	F 22
S 23	10 15 15	4°31'26	29°28	21°51	18°38	16° 6	4°39	4° 3	9°21	18°12	0°44	6°D31	5°28	19°24	20°47	S 23
S 24	10 19 12	5°32'20	11♊19	22°10	19°53	16°39	4°53	3°59	9°22	18°14	0°43	6°31	5°25	19°31	20°51	S 24
M25	10 23 9	6°33'14	23°18	22°R18	21° 8	17°11	5° 7	3°55	9°23	18°16	0°42	6°32	5°21	19°37	20°54	M25
T 26	10 27 5	7°34'06	5♋29	22°16	22°23	17°43	5°22	3°51	9°24	18°18	0°41	6°R33	5°18	19°44	20°58	T 26
W27	10 31 2	8°34'58	17°58	22° 2	23°39	18°16	5°36	3°47	9°25	18°21	0°41	6°32	5°15	19°51	21° 2	W27
T 28	10 34 58	9♓35'48	0♌48	21♓37	24♒54	18♐48	5♓50	3♎43	9♐26	18♓23	0♌40	6♋29	5♋12	19♉57	21♓ 6	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 0	20n58	2n26	15s56	2s 6	21s19	0n16	19s48	0n56	12s 7	0s36	0s 8	2n 3	21s20	0n14	5s23	0s30	16n16	3s33	22n59	23n 4	12n59	0n16	4n48
S 2	16 43	18 9	3 25	15 21	2 4	21 10	0 14	19 55	0 56	12 2	0 36	0 7	2 3	21 21	0 14	5 22	0 30	16 16	3 33	22 59	23 4	13 1	0 17	4 47
S 3	16 26	14 18	4 14	14 46	2 2	21 0	0 11	20 2	0 55	11 57	0 36	0 6	2 3	21 21	0 14	5 22	0 30	16 16	3 33	22 59	23 4	13 3	0 18	4 47
M 4	16 8	9 37	4 50	14 10	1 59	20 50	0 8	20 8	0 55	11 52	0 36	0 5	2 4	21 21	0 14	5 21	0 30	16 17	3 33	23 0	23 4	13 6	0 20	4 47
T 5	15 50	4 24	5 8	13 32	1 55	20 39	0 6	20 14	0 54	11 48	0 36	0 4	2 4	21 22	0 14	5 20	0 30	16 17	3 32	23 0	23 4	13 8	0 21	4 47
W 6	15 32	1s 5	5 8	12 54	1 50	20 27	0 3	20 21	0 54	11 43	0 36	0 3	2 4	21 22	0 14	5 19	0 30	16 17	3 32	23 0	23 4	13 11	0 22	4 46
T 7	15 13	6 32	4 49	12 15	1 45	20 15	0 0	20 27	0 53	11 38	0 36	0 2	2 4	21 22	0 14	5 18	0 30	16 18	3 32	23 1	23 5	13 13	0 23	4 46
F 8	14 55	11 40	4 12	11 35	1 40	20 2	0s 2	20 32	0 53	11 33	0 36	0 1	2 5	21 22	0 14	5 18	0 30	16 18	3 32	23 1	23 5	13 15	0 24	4 46
S 9	14 36	16 9	3 21	10 54	1 33	19 49	0 5	20 38	0 52	11 28	0 36	0n 1	2 5	21 23	0 14	5 17	0 30	16 18	3 32	23 1	23 5	13 18	0 25	4 46
S 10	14 16	19 42	2 17	10 13	1 26	19 35	0 7	20 44	0 52	11 23	0 36	0 2	2 5	21 23	0 14	5 16	0 30	16 19	3 32	23 1	23 5	13 20	0 27	4 46
M11	13 57	22 3	1 5	9 31	1 18	19 20	0 10	20 49	0 52	11 18	0 36	0 3	2 5	21 23	0 14	5 15	0 30	16 19	3 32	23 0	23 5	13 22	0 28	4 45
T 12	13 37	23 3	0s 9	8 49	1 9	19 5	0 12	20 55	0 51	11 13	0 36	0 5	2 6	21 23	0 14	5 14	0 30	16 19	3 32	23 0	23 5	13 25	0 29	4 45
W13	13 17	22 37	1 23	8 7	1 0	18 49	0 15	21 0	0 51	11 8	0 36	0 6	2 6	21 24	0 14	5 14	0 30	16 20	3 32	23 1	23 5	13 27	0 30	4 45
T 14	12 57	20 50	2 31	7 25	0 50	18 33	0 18	21 5	0 50	11 3	0 36	0 8	2 6	21 24	0 14	5 13	0 30	16 20	3 32	23 1	23 6	13 30	0 32	4 45
F 15	12 36	17 55	3 29	6 43	0 38	18 16	0 20	21 10	0 50	10 58	0 36	0 9	2 6	21 24	0 14	5 12	0 30	16 20	3 32	23 1	23 6	13 32	0 33	4 45
S 16	12 16	14 6	4 15	6 2	0 26	17 59	0 22	21 15	0 49	10 53	0 36	0 10	2 6	21 24	0 14	5 11	0 30	16 21	3 32	23 1	23 6	13 34	0 34	4 45
S 17	11 55	9 43	4 46	5 22	0 13	17 41	0 25	21 20	0 49	10 48	0 36	0 12	2 7	21 25	0 14	5 10	0 30	16 21	3 31	23 2	23 6	13 37	0 36	4 44
M18	11 34	4 59	5 3	4 43	0n 0	17 23	0 27	21 24	0 48	10 43	0 37	0 14	2 7	21 25	0 14	5 9	0 30	16 21	3 31	23 3	23 6	13 39	0 37	4 44
T 19	11 13	0 9	5 5	4 6	0 15	17 4	0 30	21 29	0 47	10 38	0 37	0 15	2 7	21 25	0 14	5 9	0 30	16 21	3 31	23 3	23 6	13 41	0 38	4 44
W20	10 51	4n36	4 53	3 30	0 30	16 44	0 32	21 33	0 47	10 33	0 37	0 17	2 7	21 25	0 14	5 8	0 30	16 22	3 31	23 3	23 6	13 44	0 40	4 44
T 21	10 30	9 7	4 28	2 57	0 46	16 25	0 34	21 37	0 46	10 28	0 37	0 18	2 7	21 25	0 14	5 7	0 30	16 22	3 31	23 4	23 7	13 46	0 41	4 44
F 22	10 8	13 14	3 51	2 27	1 2	16 4	0 37	21 42	0 46	10 23	0 37	0 20	2 8	21 26	0 14	5 6	0 30	16 22	3 31	23 4	23 7	13 48	0 42	4 44
S 23	9 46	16 51	3 5	2 0	1 19	15 44	0 39	21 45	0 45	10 18	0 37	0 22	2 8	21 26	0 14	5 5	0 30	16 23	3 31	23 4	23 7	13 51	0 44	4 43
S 24	9 24	19 47	2 11	1 37	1 35	15 22	0 41	21 49	0 45	10 13	0 37	0 23	2 8	21 26	0 14	5 4	0 30	16 23	3 31	23 4	23 7	13 53	0 45	4 43
M25	9 2	21 53	1 10	1 18	1 52	15 1	0 43	21 53	0 44	10 8	0 37	0 25	2 8	21 26	0 14	5 3	0 30	16 23	3 31	23 4	23 7	13 56	0 46	4 43
T 26	8 39	23 1	0 6	1 4	2 9	14 39	0 45	21 57	0 43	10 2	0 37	0 27	2 8	21 26	0 14	5 3	0 30	16 24	3 31	23 4	23 7	13 58	0 48	4 43
W27	8 17	23 2	1n 1	0 55	2 25	14 16	0 48	22 0	0 43	9 57	0 37	0 29	2 9	21 26	0 14	5 2	0 30	16 24	3 30	23 4	23 7	14 0	0 49	4 43
T 28	7s54	21n51	2n 6	0s50	2n40	13s53	0s50	22s 3	0n42	9s52	0s37	0n30	2n 9	21s26	0n14	5s 1	0s30	16n24	3s30	23n 4	23n 7	14n 3	0n51	4n43

Julian Day Number = 3057148.5, Delta T = 02h29m37s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'06, Lahiri = 47°06'07

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

MARCH 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 38 55	10♓36'37	14♌ 3	21°R 1	26♒ 9	19♐20	6♓ 4	3°R39	9♐26	18♓25	0°R39	6°R24	5♋ 9	20♉ 4	21♓10	F 1
S 2	10 42 51	11°37'25	27°41	20♓16	27°24	19°52	6°19	3♎35	9°27	18°28	0♌38	6♋16	5° 6	20°11	21°14	S 2
S 3	10 46 48	12°38'11	11♍42	19°22	28°39	20°24	6°33	3°30	9°28	18°30	0°37	6° 6	5° 2	20°17	21°18	S 3
M 4	10 50 44	13°38'57	26° 1	18°21	29°54	20°55	6°47	3°26	9°28	18°32	0°36	5°55	4°59	20°24	21°22	M 4
T 5	10 54 41	14°39'41	10♎31	17°14	1♓ 9	21°27	7° 1	3°22	9°29	18°34	0°35	5°44	4°56	20°31	21°26	T 5
W 6	10 58 37	15°40'25	25° 7	16° 4	2°25	21°59	7°15	3°17	9°29	18°37	0°34	5°35	4°53	20°37	21°30	W 6
T 7	11 2 34	16°41'08	9♏40	14°52	3°40	22°30	7°30	3°13	9°30	18°39	0°34	5°28	4°50	20°44	21°34	T 7
F 8	11 6 31	17°41'50	24° 5	13°41	4°55	23° 1	7°44	3° 8	9°30	18°41	0°33	5°23	4°46	20°51	21°38	F 8
S 9	11 10 27	18°42'30	8♐20	12°33	6°10	23°32	7°58	3° 3	9°30	18°43	0°32	5°21	4°43	20°57	21°42	S 9
S 10	11 14 24	19°43'11	22°21	11°28	7°25	24° 3	8°12	2°59	9°31	18°46	0°31	5°D21	4°40	21° 4	21°46	S 10
M11	11 18 20	20°43'50	6♑ 9	10°28	8°40	24°34	8°26	2°54	9°31	18°48	0°31	5°R21	4°37	21°11	21°50	M11
T 12	11 22 17	21°44'28	19°45	9°35	9°55	25° 5	8°40	2°49	9°31	18°50	0°30	5°20	4°34	21°18	21°54	T 12
W13	11 26 13	22°45'05	3♒10	8°49	11°11	25°36	8°54	2°45	9°31	18°53	0°29	5°17	4°31	21°24	21°58	W13
T 14	11 30 10	23°45'41	16°23	8°10	12°26	26° 6	9° 8	2°40	9°R31	18°55	0°28	5°12	4°27	21°31	22° 2	T 14
F 15	11 34 6	24°46'16	29°26	7°39	13°41	26°37	9°22	2°35	9°31	18°57	0°28	5° 3	4°24	21°38	22° 6	F 15
S 16	11 38 3	25°46'49	12♓18	7°16	14°56	27° 7	9°36	2°30	9°31	18°59	0°27	4°52	4°21	21°44	22°10	S 16
S 17	11 42 0	26°47'21	24°59	7° 1	16°11	27°37	9°50	2°26	9°31	19° 2	0°27	4°38	4°18	21°51	22°14	S 17
M18	11 45 56	27°47'52	7♈27	6°52	17°26	28° 7	10° 4	2°21	9°31	19° 4	0°26	4°24	4°15	21°58	22°18	M18
T 19	11 49 53	28°48'21	19°45	6°D51	18°41	28°36	10°18	2°16	9°30	19° 6	0°25	4°10	4°11	22° 4	22°22	T 19
W20	11 53 49	29°48'48	1♉51	6°57	19°56	29° 6	10°32	2°11	9°30	19° 8	0°25	3°58	4° 8	22°11	22°26	W20
T 21	11 57 46	0♈49'14	13°48	7° 9	21°11	29°35	10°46	2° 6	9°30	19°11	0°24	3°48	4° 5	22°18	22°30	T 21
F 22	12 1 42	1°49'39	25°39	7°27	22°27	0♑ 5	11° 0	2° 1	9°29	19°13	0°24	3°41	4° 2	22°24	22°34	F 22
S 23	12 5 39	2°50'01	7♊26	7°51	23°42	0°34	11°14	1°57	9°29	19°15	0°23	3°36	3°59	22°31	22°38	S 23
S 24	12 9 35	3°50'22	19°16	8°19	24°57	1° 3	11°27	1°52	9°28	19°17	0°23	3°35	3°56	22°38	22°42	S 24
M25	12 13 32	4°50'41	1♋12	8°53	26°12	1°31	11°41	1°47	9°28	19°20	0°22	3°34	3°52	22°44	22°45	M25
T 26	12 17 29	5°50'58	13°20	9°31	27°27	2° 0	11°55	1°42	9°27	19°22	0°22	3°34	3°49	22°51	22°49	T 26
W27	12 21 25	6°51'13	25°47	10°13	28°42	2°28	12° 9	1°37	9°26	19°24	0°22	3°33	3°46	22°58	22°53	W27
T 28	12 25 22	7°51'26	8♌36	10°58	29°57	2°56	12°22	1°32	9°26	19°26	0°21	3°30	3°43	23° 4	22°57	T 28
F 29	12 29 18	8°51'37	21°51	11°48	1♈12	3°24	12°36	1°28	9°25	19°28	0°21	3°25	3°40	23°11	23° 1	F 29
S 30	12 33 15	9°51'46	5♍36	12°40	2°27	3°52	12°49	1°23	9°24	19°31	0°20	3°17	3°37	23°18	23° 5	S 30
S 31	12 37 11	10♈51'54	19♍48	13♓36	3♈42	4♑20	13♓ 3	1♎18	9♐23	19♓33	0♌20	3♋ 7	3♋33	23♉24	23♓ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s31	19n26	3n 6	0s51	2n54	13s30	0s52	22s 7	0n42	9s47	0s37	0n32	2n 9	21s26	0n14	5s 0	0s30	16n25	3s30	23n 4	23n 8	14n 5	0n52	4n43
S 2	7 9	15 53	3 57	0 58	3 7	13 6	0 54	22 10	0 41	9 42	0 37	0 34	2 9	21 27	0 14	4 59	0 30	16 25	3 30	23 5	23 8	14 7	0 53	4 43
S 3	6 46	11 22	4 36	1 9	3 17	12 42	0 56	22 13	0 40	9 37	0 38	0 36	2 9	21 27	0 14	4 58	0 30	16 25	3 30	23 5	23 8	14 10	0 55	4 42
M 4	6 22	6 8	4 58	1 24	3 26	12 18	0 57	22 16	0 40	9 32	0 38	0 38	2 9	21 27	0 14	4 57	0 30	16 25	3 30	23 6	23 8	14 12	0 56	4 42
T 5	5 59	0 30	5 1	1 44	3 32	11 53	0 59	22 18	0 39	9 26	0 38	0 40	2 10	21 27	0 14	4 56	0 30	16 26	3 30	23 6	23 8	14 14	0 58	4 42
W 6	5 36	5s12	4 45	2 7	3 36	11 28	1 1	22 21	0 38	9 21	0 38	0 42	2 10	21 27	0 14	4 56	0 30	16 26	3 30	23 7	23 8	14 17	0 59	4 42
T 7	5 13	10 37	4 10	2 33	3 38	11 3	1 3	22 24	0 37	9 16	0 38	0 43	2 10	21 27	0 14	4 55	0 30	16 26	3 30	23 7	23 8	14 19	1 1	4 42
F 8	4 49	15 23	3 20	3 1	3 37	10 37	1 4	22 26	0 37	9 11	0 38	0 45	2 10	21 27	0 14	4 54	0 30	16 27	3 29	23 7	23 8	14 21	1 2	4 42
S 9	4 26	19 14	2 18	3 30	3 33	10 12	1 6	22 28	0 36	9 6	0 38	0 47	2 10	21 27	0 14	4 53	0 30	16 27	3 29	23 7	23 9	14 24	1 4	4 42
S 10	4 2	21 52	1 8	3 59	3 28	9 45	1 8	22 31	0 35	9 1	0 38	0 49	2 10	21 27	0 14	4 52	0 30	16 27	3 29	23 7	23 9	14 26	1 5	4 42
M11	3 39	23 9	0s 4	4 28	3 21	9 19	1 9	22 33	0 34	8 56	0 38	0 51	2 10	21 27	0 14	4 51	0 30	16 27	3 29	23 7	23 9	14 28	1 7	4 42
T 12	3 15	23 2	1 16	4 56	3 12	8 52	1 11	22 35	0 34	8 50	0 38	0 53	2 10	21 27	0 14	4 50	0 30	16 28	3 29	23 7	23 9	14 31	1 8	4 42
W13	2 51	21 34	2 22	5 23	3 2	8 25	1 12	22 36	0 33	8 45	0 38	0 55	2 11	21 27	0 14	4 49	0 30	16 28	3 29	23 7	23 9	14 33	1 10	4 42
T 14	2 27	18 57	3 19	5 48	2 50	7 58	1 13	22 38	0 32	8 40	0 38	0 57	2 11	21 27	0 14	4 49	0 30	16 28	3 29	23 7	23 9	14 35	1 11	4 42
F 15	2 4	15 23	4 5	6 10	2 38	7 31	1 15	22 40	0 31	8 35	0 39	0 59	2 11	21 27	0 14	4 48	0 30	16 28	3 29	23 8	23 9	14 38	1 13	4 41
S 16	1 40	11 10	4 37	6 31	2 25	7 3	1 16	22 41	0 30	8 30	0 39	1 1	2 11	21 27	0 14	4 47	0 30	16 29	3 28	23 8	23 9	14 40	1 14	4 41
S 17	1 16	6 30	4 56	6 49	2 12	6 35	1 17	22 43	0 29	8 25	0 39	1 3	2 11	21 27	0 14	4 46	0 30	16 29	3 28	23 9	23 9	14 42	1 16	4 41
M18	0 52	1 39	4 59	7 4	1 59	6 7	1 18	22 44	0 29	8 20	0 39	1 5	2 11	21 27	0 14	4 45	0 30	16 29	3 28	23 9	23 10	14 44	1 17	4 41
T 19	0 28	3n11	4 49	7 17	1 45	5 39	1 19	22 45	0 28	8 14	0 39	1 7	2 11	21 27	0 14	4 44	0 30	16 29	3 28	23 10	23 10	14 47	1 19	4 41
W20	0 4	7 51	4 26	7 28	1 31	5 11	1 20	22 47	0 27	8 9	0 39	1 9	2 11	21 27	0 14	4 43	0 30	16 30	3 28	23 10	23 10	14 49	1 20	4 41
T 21	0n19	12 10	3 51	7 36	1 18	4 42	1 21	22 48	0 26	8 4	0 39	1 11	2 11	21 27	0 14	4 43	0 30	16 30	3 28	23 10	23 10	14 51	1 22	4 41
F 22	0 43	15 59	3 6	7 42	1 5	4 14	1 22	22 49	0 25	7 59	0 39	1 13	2 11	21 27	0 14	4 42	0 30	16 30	3 28	23 11	23 10	14 54	1 23	4 41
S 23	1 7	19 10	2 14	7 45	0 52	3 45	1 23	22 50	0 24	7 54	0 39	1 15	2 11	21 27	0 14	4 41	0 30	16 30	3 28	23 11	23 10	14 56	1 25	4 41
S 24	1 31	21 33	1 15	7 47	0 39	3 16	1 23	22 50	0 23	7 49	0 40	1 17	2 11	21 27	0 14	4 40	0 30	16 31	3 27	23 11	23 10	14 58	1 26	4 41
M25	1 55	23 1	0 13	7 46	0 26	2 47	1 24	22 51	0 22	7 44	0 40	1 19	2 12	21 27	0 14	4 39	0 30	16 31	3 27	23 11	23 10	15 1	1 28	4 41
T 26	2 18	23 25	0n52	7 43	0 14	2 18	1 25	22 52	0 21	7 39	0 40	1 21	2 12	21 27	0 14	4 38	0 30	16 31	3 27	23 11	23 10	15 3	1 29	4 41
W27	2 42	22 41	1 55	7 38	0 3	1 49	1 25	22 52	0 20	7 34	0 40	1 23	2 12	21 26	0 14	4 37	0 30	16 31	3 27	23 11	23 10	15 5	1 31	4 41
T 28	3 5	20 45	2 54	7 31	0s 9	1 20	1 26	22 53	0 19	7 29	0 40	1 25	2 12	21 26	0 14	4 37	0 30	16 31	3 27	23 11	23 10	15 7	1 32	4 41
F 29	3 29	17 40	3 46	7 23	0 20	0 51	1 26	22 53	0 18	7 24	0 40	1 26	2 12	21 26	0 14	4 36	0 30	16 32	3 27	23 11	23 11	15 10	1 34	4 41
S 30	3 52	13 31	4 27	7 12	0 30	0 22	1 26	22 54	0 17	7 19	0 40	1 28	2 12	21 26	0 14	4 35	0 30	16 32	3 27	23 11	23 11	15 12	1 35	4 41
S 31	4n16	8n30	4n53	7s 1	0s40	0n 8	1s27	22s54	0n16	7s14	0s40	1n30	2n12	21s26	0n14	4s34	0s30	16n32	3s27	23n11	23n11	15n14	1n37	4n41

Julian Day Number = 3057176.5, Delta T = 02h29m38s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'10, Lahiri = 47°06'11

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

APRIL 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 41 8	11♈51'59	4♎24	14♓35	4♈57	4♑47	13♓16	1°R13	9°R22	19♓35	0°R20	2°R55	3♋30	23♉31	23♓13	M 1
T 2	12 45 4	12°52'03	19°17	15°36	6°12	5°14	13°29	1♎ 9	9♐21	19°37	0♌20	2♋43	3°27	23°38	23°16	T 2
W 3	12 49 1	13°52'05	4♏17	16°40	7°27	5°41	13°43	1° 4	9°20	19°39	0°19	2°33	3°24	23°44	23°20	W 3
T 4	12 52 57	14°52'05	19°16	17°46	8°41	6° 8	13°56	0°59	9°19	19°41	0°19	2°25	3°21	23°51	23°24	T 4
F 5	12 56 54	15°52'04	4♐ 4	18°54	9°56	6°35	14° 9	0°55	9°18	19°43	0°19	2°20	3°17	23°58	23°28	F 5
S 6	13 0 51	16°52'01	18°36	20° 5	11°11	7° 1	14°22	0°50	9°17	19°45	0°19	2°18	3°14	24° 4	23°31	S 6
S 7	13 4 47	17°51'57	2♑48	21°17	12°26	7°27	14°36	0°46	9°15	19°47	0°19	2°D17	3°11	24°11	23°35	S 7
M 8	13 8 44	18°51'51	16°39	22°32	13°41	7°53	14°49	0°41	9°14	19°50	0°19	2°R17	3° 8	24°18	23°39	M 8
T 9	13 12 40	19°51'44	0♒11	23°48	14°56	8°19	15° 2	0°37	9°13	19°52	0°18	2°17	3° 5	24°24	23°43	T 9
W10	13 16 37	20°51'35	13°25	25° 6	16°11	8°44	15°15	0°32	9°12	19°54	0°18	2°15	3° 2	24°31	23°46	W10
T 11	13 20 33	21°51'25	26°23	26°26	17°26	9° 9	15°27	0°28	9°10	19°56	0°18	2°10	2°58	24°38	23°50	T 11
F 12	13 24 30	22°51'12	9♓ 8	27°47	18°40	9°34	15°40	0°24	9° 9	19°58	0°18	2° 3	2°55	24°45	23°53	F 12
S 13	13 28 26	23°50'58	21°41	29°10	19°55	9°59	15°53	0°19	9° 7	20° 0	0°D18	1°53	2°52	24°51	23°57	S 13
S 14	13 32 23	24°50'43	4♈ 5	0♈34	21°10	10°23	16° 6	0°15	9° 6	20° 2	0°18	1°41	2°49	24°58	24° 1	S 14
M15	13 36 20	25°50'25	16°19	2° 0	22°25	10°47	16°18	0°11	9° 4	20° 4	0°18	1°28	2°46	25° 5	24° 4	M15
T 16	13 40 16	26°50'06	28°25	3°27	23°40	11°11	16°31	0° 7	9° 2	20° 5	0°18	1°16	2°42	25°11	24° 8	T 16
W17	13 44 13	27°49'45	10♉23	4°56	24°54	11°34	16°43	0° 3	9° 1	20° 7	0°18	1° 5	2°39	25°18	24°11	W17
T 18	13 48 9	28°49'22	22°15	6°26	26° 9	11°57	16°56	29♍59	8°59	20° 9	0°19	0°56	2°36	25°25	24°14	T 18
F 19	13 52 6	29°48'56	4♊ 4	7°58	27°24	12°20	17° 8	29°55	8°57	20°11	0°19	0°50	2°33	25°31	24°18	F 19
S 20	13 56 2	0♉48'29	15°51	9°31	28°39	12°42	17°20	29°51	8°55	20°13	0°19	0°46	2°30	25°38	24°21	S 20
S 21	13 59 59	1°48'00	27°40	11° 5	29°53	13° 5	17°33	29°48	8°54	20°15	0°19	0°D45	2°27	25°45	24°25	S 21
M22	14 3 55	2°47'28	9♋36	12°41	1♉ 8	13°26	17°45	29°44	8°52	20°17	0°19	0°45	2°23	25°51	24°28	M22
T 23	14 7 52	3°46'55	21°43	14°18	2°23	13°48	17°57	29°40	8°50	20°18	0°19	0°46	2°20	25°58	24°31	T 23
W24	14 11 49	4°46'19	4♌ 6	15°56	3°37	14° 9	18° 9	29°37	8°48	20°20	0°20	0°R47	2°17	26° 5	24°35	W24
T 25	14 15 45	5°45'41	16°51	17°36	4°52	14°30	18°21	29°33	8°46	20°22	0°20	0°46	2°14	26°11	24°38	T 25
F 26	14 19 42	6°45'00	0♍ 2	19°17	6° 7	14°50	18°33	29°30	8°44	20°24	0°20	0°43	2°11	26°18	24°41	F 26
S 27	14 23 38	7°44'18	13°42	20°59	7°21	15°10	18°44	29°27	8°42	20°25	0°21	0°39	2° 8	26°25	24°44	S 27
S 28	14 27 35	8°43'33	27°51	22°43	8°36	15°30	18°56	29°24	8°40	20°27	0°21	0°32	2° 4	26°31	24°47	S 28
M29	14 31 31	9°42'45	12♎28	24°29	9°50	15°49	19° 7	29°21	8°38	20°29	0°21	0°24	2° 1	26°38	24°50	M29
T 30	14 35 28	10♉41'56	27♎26	26♈15	11♉ 5	16♑ 8	19♓19	29♍18	8♐36	20♓30	0♌22	0♋17	1♋58	26♉45	24♓53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n39	2n52	5n 1	6s47	0s50	0n37	1s27	22s54	0n14	7s 9	0s40	1n32	2n12	21s26	0n14	4s33	0s30	16n32	3s26	23n12	23n11	15n17	1n38	4n41
T 2	5 2	3s 1	4 48	6 32	0 59	1 6	1 27	22 54	0 13	7 4	0 41	1 34	2 12	21 26	0 14	4 32	0 30	16 32	3 26	23 12	23 11	15 19	1 40	4 41
W 3	5 25	8 48	4 16	6 15	1 7	1 35	1 27	22 54	0 12	6 59	0 41	1 36	2 12	21 25	0 14	4 32	0 30	16 33	3 26	23 12	23 11	15 21	1 41	4 41
T 4	5 48	14 4	3 27	5 57	1 16	2 5	1 27	22 54	0 11	6 54	0 41	1 38	2 12	21 25	0 14	4 31	0 30	16 33	3 26	23 12	23 11	15 23	1 43	4 41
F 5	6 11	18 25	2 23	5 38	1 23	2 34	1 27	22 54	0 10	6 49	0 41	1 39	2 12	21 25	0 14	4 30	0 30	16 33	3 26	23 12	23 11	15 26	1 44	4 41
S 6	6 34	21 33	1 12	5 17	1 31	3 3	1 27	22 54	0 8	6 44	0 41	1 41	2 12	21 25	0 14	4 29	0 30	16 33	3 26	23 12	23 11	15 28	1 46	4 41
S 7	6 57	23 15	0s 3	4 55	1 38	3 32	1 27	22 54	0 7	6 39	0 41	1 43	2 12	21 25	0 14	4 28	0 30	16 33	3 26	23 12	23 11	15 30	1 47	4 41
M 8	7 20	23 27	1 15	4 32	1 44	4 1	1 27	22 54	0 6	6 34	0 41	1 45	2 12	21 25	0 14	4 28	0 30	16 33	3 25	23 12	23 11	15 32	1 49	4 41
T 9	7 42	22 15	2 22	4 8	1 50	4 30	1 26	22 54	0 5	6 29	0 41	1 47	2 12	21 24	0 14	4 27	0 30	16 34	3 25	23 12	23 11	15 35	1 50	4 41
W10	8 4	19 50	3 20	3 42	1 56	4 59	1 26	22 53	0 3	6 24	0 42	1 48	2 12	21 24	0 14	4 26	0 30	16 34	3 25	23 12	23 12	15 37	1 52	4 42
T 11	8 27	16 28	4 6	3 16	2 1	5 28	1 26	22 53	0 2	6 20	0 42	1 50	2 12	21 24	0 14	4 25	0 30	16 34	3 25	23 13	23 12	15 39	1 53	4 42
F 12	8 49	12 23	4 39	2 48	2 6	5 56	1 25	22 53	0 0	6 15	0 42	1 52	2 12	21 24	0 14	4 25	0 30	16 34	3 25	23 13	23 12	15 41	1 55	4 42
S 13	9 11	7 50	4 57	2 19	2 10	6 25	1 25	22 52	0s 1	6 10	0 42	1 53	2 12	21 24	0 14	4 24	0 30	16 34	3 25	23 13	23 12	15 44	1 56	4 42
S 14	9 32	3 1	5 2	1 49	2 13	6 53	1 24	22 52	0 2	6 5	0 42	1 55	2 12	21 23	0 14	4 23	0 30	16 34	3 25	23 13	23 12	15 46	1 58	4 42
M15	9 54	1n51	4 52	1 18	2 17	7 22	1 23	22 51	0 4	6 0	0 42	1 56	2 11	21 23	0 14	4 22	0 30	16 34	3 24	23 13	23 12	15 48	1 59	4 42
T 16	10 15	6 37	4 29	0 47	2 20	7 50	1 22	22 51	0 5	5 56	0 42	1 58	2 11	21 23	0 14	4 22	0 30	16 35	3 24	23 13	23 12	15 50	2 1	4 42
W17	10 37	11 5	3 55	0 14	2 22	8 17	1 22	22 51	0 7	5 51	0 43	1 59	2 11	21 23	0 14	4 21	0 31	16 35	3 24	23 13	23 12	15 53	2 2	4 42
T 18	10 58	15 6	3 10	0n20	2 24	8 45	1 21	22 50	0 8	5 46	0 43	2 1	2 11	21 22	0 14	4 20	0 31	16 35	3 24	23 13	23 12	15 55	2 3	4 42
F 19	11 18	18 31	2 18	0 54	2 26	9 13	1 20	22 50	0 10	5 42	0 43	2 2	2 11	21 22	0 14	4 19	0 31	16 35	3 24	23 13	23 12	15 57	2 5	4 42
S 20	11 39	21 10	1 19	1 29	2 27	9 40	1 19	22 49	0 12	5 37	0 43	2 4	2 11	21 22	0 14	4 19	0 31	16 35	3 24	23 13	23 12	15 59	2 6	4 42
S 21	12 0	22 56	0 16	2 5	2 27	10 7	1 18	22 49	0 13	5 33	0 43	2 5	2 11	21 21	0 14	4 18	0 31	16 35	3 24	23 13	23 12	16 2	2 8	4 42
M22	12 20	23 40	0n47	2 42	2 27	10 34	1 17	22 48	0 15	5 28	0 43	2 7	2 11	21 21	0 14	4 17	0 31	16 35	3 24	23 13	23 12	16 4	2 9	4 42
T 23	12 40	23 18	1 50	3 20	2 27	11 0	1 16	22 48	0 17	5 24	0 44	2 8	2 11	21 21	0 14	4 17	0 31	16 35	3 23	23 13	23 12	16 6	2 10	4 43
W24	13 0	21 48	2 49	3 58	2 26	11 27	1 14	22 47	0 18	5 19	0 44	2 9	2 11	21 21	0 14	4 16	0 31	16 35	3 23	23 13	23 12	16 8	2 12	4 43
T 25	13 19	19 10	3 42	4 37	2 25	11 53	1 13	22 47	0 20	5 15	0 44	2 11	2 11	21 20	0 14	4 15	0 31	16 35	3 23	23 13	23 12	16 11	2 13	4 43
F 26	13 39	15 29	4 24	5 16	2 23	12 18	1 12	22 46	0 22	5 10	0 44	2 12	2 11	21 20	0 14	4 15	0 31	16 35	3 23	23 13	23 12	16 13	2 14	4 43
S 27	13 58	10 53	4 54	5 57	2 21	12 44	1 10	22 46	0 24	5 6	0 44	2 13	2 11	21 20	0 14	4 14	0 31	16 35	3 23	23 13	23 13	16 15	2 16	4 43
S 28	14 17	5 33	5 7	6 37	2 18	13 9	1 9	22 46	0 26	5 1	0 44	2 14	2 10	21 19	0 14	4 13	0 31	16 36	3 23	23 13	23 13	16 17	2 17	4 43
M29	14 36	0s16	5 0	7 19	2 15	13 34	1 8	22 45	0 28	4 57	0 44	2 15	2 10	21 19	0 14	4 13	0 31	16 36	3 23	23 14	23 13	16 19	2 18	4 43
T 30	14n54	6s12	4n34	8n 1	2s11	13n58	1s 6	22s45	0s30	4s53	0s45	2n16	2n10	21s19	0n14	4s12	0s31	16n36	3s22	23n14	23n13	16n22	2n20	4n43

Julian Day Number = 3057207.5, Delta T = 02h29m38s
Ecliptic obliquity = 23°13'34, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'15, Lahiri = 47°06'15

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

MAY 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 39 24	11♉41'05	12♏38	28♈ 4	12♉19	16♑27	19♓30	29°R15	8°R34	20♓32	0♌22	0°R10	1♋55	26♉51	24♓56	W 1
T 2	14 43 21	12°40'12	27°53	29°53	13°34	16°45	19°41	29♍12	8♐31	20°33	0°23	0♋ 4	1°52	26°58	24°59	T 2
F 3	14 47 18	13°39'17	12♐59	1♉44	14°48	17° 3	19°53	29° 9	8°29	20°35	0°23	0° 1	1°48	27° 5	25° 2	F 3
S 4	14 51 14	14°38'20	27°50	3°37	16° 3	17°20	20° 4	29° 6	8°27	20°37	0°23	29°D59	1°45	27°11	25° 5	S 4
S 5	14 55 11	15°37'22	12♑19	5°31	17°17	17°37	20°15	29° 4	8°25	20°38	0°24	0° 0	1°42	27°18	25° 8	S 5
M 6	14 59 7	16°36'22	26°22	7°26	18°31	17°53	20°26	29° 1	8°22	20°40	0°24	0° 2	1°39	27°25	25°11	M 6
T 7	15 3 4	17°35'20	10♒ 1	9°23	19°46	18° 9	20°36	28°59	8°20	20°41	0°25	0° 3	1°36	27°31	25°14	T 7
W 8	15 7 0	18°34'17	23°16	11°21	21° 0	18°25	20°47	28°57	8°18	20°42	0°26	0°R 3	1°33	27°38	25°16	W 8
T 9	15 10 57	19°33'12	6♓11	13°21	22°15	18°40	20°58	28°54	8°15	20°44	0°26	0° 1	1°29	27°45	25°19	T 9
F 10	15 14 53	20°32'05	18°48	15°22	23°29	18°54	21° 8	28°52	8°13	20°45	0°27	29♊58	1°26	27°51	25°22	F 10
S 11	15 18 50	21°30'56	1♈11	17°24	24°43	19° 8	21°19	28°50	8°11	20°47	0°27	29°53	1°23	27°58	25°24	S 11
S 12	15 22 47	22°29'46	13°22	19°28	25°58	19°22	21°29	28°48	8° 8	20°48	0°28	29°47	1°20	28° 5	25°27	S 12
M13	15 26 43	23°28'34	25°25	21°33	27°12	19°35	21°39	28°46	8° 6	20°49	0°29	29°40	1°17	28°11	25°29	M13
T 14	15 30 40	24°27'20	7♉21	23°39	28°26	19°47	21°49	28°45	8° 3	20°50	0°29	29°34	1°14	28°18	25°32	T 14
W15	15 34 36	25°26'05	19°13	25°45	29°41	19°59	21°59	28°43	8° 1	20°52	0°30	29°28	1°10	28°25	25°34	W15
T 16	15 38 33	26°24'48	1♊ 1	27°53	0♊55	20°10	22° 9	28°42	7°58	20°53	0°31	29°23	1° 7	28°31	25°37	T 16
F 17	15 42 29	27°23'28	12°49	0♊ 0	2° 9	20°21	22°19	28°40	7°56	20°54	0°32	29°20	1° 4	28°38	25°39	F 17
S 18	15 46 26	28°22'07	24°39	2° 9	3°23	20°31	22°28	28°39	7°53	20°55	0°32	29°D19	1° 1	28°45	25°41	S 18
S 19	15 50 22	29°20'44	6♋32	4°17	4°38	20°40	22°38	28°38	7°51	20°56	0°33	29°19	0°58	28°51	25°43	S 19
M20	15 54 19	0♊19'19	18°33	6°25	5°52	20°49	22°47	28°37	7°48	20°57	0°34	29°20	0°54	28°58	25°46	M20
T 21	15 58 16	1°17'52	0♌43	8°32	7° 6	20°57	22°56	28°36	7°46	20°58	0°35	29°22	0°51	29° 5	25°48	T 21
W22	16 2 12	2°16'23	13° 9	10°39	8°20	21° 5	23° 5	28°35	7°43	20°59	0°36	29°24	0°48	29°11	25°50	W22
T 23	16 6 9	3°14'52	25°53	12°44	9°34	21°12	23°14	28°34	7°41	21° 0	0°37	29°25	0°45	29°18	25°52	T 23
F 24	16 10 5	4°13'19	8♍59	14°48	10°48	21°18	23°23	28°33	7°38	21° 1	0°37	29°R25	0°42	29°25	25°54	F 24
S 25	16 14 2	5°11'43	22°31	16°50	12° 2	21°24	23°32	28°33	7°36	21° 2	0°38	29°24	0°39	29°31	25°56	S 25
S 26	16 17 58	6°10'06	6♎31	18°50	13°16	21°29	23°41	28°32	7°33	21° 3	0°39	29°22	0°35	29°38	25°58	S 26
M27	16 21 55	7° 8'27	20°56	20°48	14°30	21°33	23°49	28°32	7°31	21° 4	0°40	29°19	0°32	29°45	26° 0	M27
T 28	16 25 51	8° 6'45	5♏45	22°43	15°45	21°37	23°57	28°32	7°28	21° 5	0°41	29°16	0°29	29°51	26° 1	T 28
W29	16 29 48	9° 5'02	20°50	24°36	16°59	21°40	24° 6	28°32	7°26	21° 6	0°42	29°14	0°26	29°58	26° 3	W29
T 30	16 33 45	10° 3'17	6♐ 3	26°25	18°13	21°42	24°14	28°D32	7°23	21° 7	0°43	29°12	0°23	0♊ 5	26° 5	T 30
F 31	16 37 41	11♊ 1'30	21♐14	28♊11	19♊26	21♑44	24♓22	28♍32	7♐20	21♓ 7	0♌44	29♊11	0♋20	0♊11	26♓ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n12	11s53	3n47	8n43	2s 7	14n22	1s 4	22s45	0s32	4s48	0s45	2n17	2n10	21s18	0n14	4s12	0s31	16n36	3s22	23n14	23n13	16n24	2n21	4n44
T 2	15 30	16 50	2 45	9 25	2 2	14 46	1 3	22 45	0 34	4 44	0 45	2 18	2 10	21 18	0 14	4 11	0 31	16 36	3 22	23 14	23 13	16 26	2 22	4 44
F 3	15 48	20 39	1 31	10 8	1 57	15 10	1 1	22 44	0 36	4 40	0 45	2 19	2 10	21 18	0 14	4 10	0 31	16 36	3 22	23 14	23 13	16 28	2 24	4 44
S 4	16 5	23 1	0 12	10 52	1 51	15 33	0 59	22 44	0 38	4 36	0 45	2 20	2 10	21 17	0 14	4 10	0 31	16 36	3 22	23 14	23 13	16 30	2 25	4 44
S 5	16 22	23 46	1s 6	11 35	1 45	15 55	0 58	22 44	0 40	4 32	0 46	2 21	2 10	21 17	0 14	4 9	0 31	16 36	3 22	23 14	23 13	16 33	2 26	4 44
M 6	16 39	22 57	2 18	12 19	1 39	16 17	0 56	22 44	0 42	4 28	0 46	2 22	2 10	21 17	0 14	4 9	0 31	16 36	3 22	23 14	23 13	16 35	2 27	4 44
T 7	16 56	20 47	3 20	13 3	1 32	16 39	0 54	22 44	0 44	4 24	0 46	2 23	2 9	21 16	0 14	4 8	0 31	16 36	3 22	23 14	23 13	16 37	2 29	4 44
W 8	17 12	17 34	4 9	13 46	1 24	17 0	0 52	22 45	0 47	4 20	0 46	2 24	2 9	21 16	0 14	4 8	0 31	16 36	3 21	23 14	23 13	16 39	2 30	4 45
T 9	17 28	13 34	4 44	14 30	1 16	17 21	0 50	22 45	0 49	4 16	0 46	2 25	2 9	21 16	0 14	4 7	0 31	16 36	3 21	23 14	23 13	16 41	2 31	4 45
F 10	17 43	9 4	5 4	15 13	1 8	17 42	0 48	22 45	0 51	4 12	0 46	2 25	2 9	21 15	0 14	4 7	0 31	16 36	3 21	23 14	23 13	16 43	2 32	4 45
S 11	17 59	4 17	5 10	15 56	0 59	18 2	0 46	22 46	0 54	4 8	0 47	2 26	2 9	21 15	0 14	4 6	0 31	16 36	3 21	23 14	23 13	16 46	2 33	4 45
S 12	18 14	0n35	5 2	16 39	0 50	18 21	0 44	22 46	0 56	4 4	0 47	2 27	2 9	21 15	0 14	4 6	0 31	16 36	3 21	23 14	23 13	16 48	2 35	4 45
M13	18 29	5 23	4 40	17 20	0 40	18 40	0 42	22 47	0 59	4 0	0 47	2 27	2 9	21 14	0 14	4 5	0 31	16 36	3 21	23 14	23 13	16 50	2 36	4 45
T 14	18 43	9 58	4 6	18 2	0 30	18 59	0 40	22 47	1 1	3 56	0 47	2 28	2 8	21 14	0 14	4 5	0 31	16 36	3 21	23 14	23 13	16 52	2 37	4 45
W15	18 57	14 8	3 22	18 42	0 20	19 17	0 38	22 48	1 4	3 53	0 47	2 28	2 8	21 13	0 14	4 4	0 31	16 36	3 21	23 13	23 13	16 54	2 38	4 46
T 16	19 11	17 45	2 29	19 21	0 10	19 34	0 36	22 49	1 6	3 49	0 48	2 29	2 8	21 13	0 14	4 4	0 31	16 36	3 20	23 13	23 13	16 57	2 39	4 46
F 17	19 24	20 40	1 29	19 59	0n 1	19 51	0 34	22 50	1 9	3 45	0 48	2 29	2 8	21 13	0 14	4 3	0 31	16 36	3 20	23 13	23 13	16 59	2 40	4 46
S 18	19 37	22 42	0 26	20 35	0 11	20 8	0 31	22 51	1 12	3 42	0 48	2 29	2 8	21 12	0 14	4 3	0 31	16 36	3 20	23 13	23 13	17 1	2 41	4 46
S 19	19 50	23 43	0n40	21 10	0 22	20 24	0 29	22 53	1 14	3 38	0 48	2 30	2 8	21 12	0 14	4 2	0 31	16 36	3 20	23 13	23 13	17 3	2 42	4 46
M20	20 2	23 40	1 44	21 43	0 32	20 39	0 27	22 54	1 17	3 35	0 48	2 30	2 8	21 11	0 14	4 2	0 31	16 36	3 20	23 13	23 13	17 5	2 43	4 47
T 21	20 14	22 29	2 44	22 14	0 43	20 54	0 25	22 56	1 20	3 31	0 49	2 30	2 7	21 11	0 14	4 2	0 31	16 36	3 20	23 13	23 13	17 7	2 44	4 47
W22	20 26	20 12	3 38	22 43	0 53	21 8	0 22	22 57	1 23	3 28	0 49	2 30	2 7	21 11	0 14	4 1	0 31	16 35	3 20	23 13	23 13	17 9	2 45	4 47
T 23	20 37	16 54	4 23	23 10	1 3	21 22	0 20	22 59	1 26	3 25	0 49	2 31	2 7	21 10	0 14	4 1	0 31	16 35	3 20	23 13	23 13	17 12	2 46	4 47
F 24	20 48	12 41	4 55	23 35	1 13	21 35	0 18	23 1	1 29	3 21	0 49	2 31	2 7	21 10	0 14	4 1	0 31	16 35	3 19	23 13	23 13	17 14	2 47	4 47
S 25	20 59	7 44	5 13	23 57	1 22	21 47	0 15	23 3	1 32	3 18	0 49	2 31	2 7	21 9	0 14	4 0	0 31	16 35	3 19	23 13	23 13	17 16	2 48	4 47
S 26	21 9	2 14	5 12	24 16	1 31	21 59	0 13	23 5	1 35	3 15	0 50	2 31	2 7	21 9	0 14	4 0	0 31	16 35	3 19	23 13	23 13	17 18	2 49	4 48
M27	21 19	3s34	4 53	24 34	1 39	22 10	0 10	23 8	1 38	3 12	0 50	2 31	2 6	21 9	0 14	4 0	0 31	16 35	3 19	23 13	23 13	17 20	2 50	4 48
T 28	21 28	9 19	4 14	24 48	1 47	22 20	0 8	23 10	1 41	3 9	0 50	2 31	2 6	21 8	0 14	3 59	0 31	16 35	3 19	23 13	23 14	17 22	2 51	4 48
W29	21 37	14 39	3 16	25 1	1 54	22 30	0 6	23 13	1 44	3 6	0 50	2 31	2 6	21 8	0 14	3 59	0 32	16 35	3 19	23 13	23 14	17 24	2 52	4 48
T 30	21 46	19 5	2 4	25 11	2 0	22 39	0 3	23 16	1 48	3 3	0 51	2 31	2 6	21 7	0 14	3 59	0 32	16 35	3 19	23 13	23 14	17 26	2 52	4 48
F 31	21n54	22s13	0n44	25n18	2n 6	22n48	0s 1	23s19	1s51	3s 0	0s51	2n30	2n 6	21s 7	0n14	3s58	0s32	16n35	3s19	23n13	23n14	17n29	2n53	4n49

Julian Day Number = 3057237.5, Delta T = 02h29m39s
Ecliptic obliquity = 23°13'34, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'19, Lahiri = 47°06'19

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

JUNE 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 41 38	11♊59'42	6♉14	29♊54	20♊40	21♉45	24♓29	28♍32	7°R18	21♓ 8	0♌45	29°D11	0♋16	0♊18	26♓ 8	S 1
S 2	16 45 34	12°57'53	20°55	1♋33	21°54	21°R45	24°37	28°32	7♐15	21° 9	0°46	29♊12	0°13	0°25	26° 9	S 2
M 3	16 49 31	13°56'01	5♒11	3° 9	23° 8	21°44	24°45	28°33	7°13	21° 9	0°47	29°13	0°10	0°31	26°11	M 3
T 4	16 53 27	14°54'09	19° 1	4°41	24°22	21°43	24°52	28°33	7°10	21°10	0°48	29°14	0° 7	0°38	26°12	T 4
W 5	16 57 24	15°52'15	2♓24	6°10	25°36	21°41	24°59	28°34	7° 8	21°11	0°50	29°15	0° 4	0°45	26°14	W 5
T 6	17 1 20	16°50'20	15°23	7°34	26°50	21°38	25° 6	28°34	7° 5	21°11	0°51	29°R15	0° 0	0°51	26°15	T 6
F 7	17 5 17	17°48'23	28° 0	8°55	28° 4	21°34	25°13	28°35	7° 3	21°12	0°52	29°15	29♊57	0°58	26°16	F 7
S 8	17 9 14	18°46'25	10♈20	10°11	29°18	21°30	25°20	28°36	7° 0	21°12	0°53	29°14	29°54	1° 5	26°17	S 8
S 9	17 13 10	19°44'26	22°26	11°24	0♋32	21°24	25°27	28°37	6°58	21°13	0°54	29°13	29°51	1°11	26°19	S 9
M10	17 17 7	20°42'26	4♉23	12°33	1°45	21°18	25°33	28°38	6°55	21°13	0°55	29°12	29°48	1°18	26°20	M10
T 11	17 21 3	21°40'24	16°14	13°37	2°59	21°12	25°39	28°40	6°53	21°13	0°56	29°11	29°45	1°25	26°21	T 11
W12	17 25 0	22°38'21	28° 2	14°38	4°13	21° 4	25°45	28°41	6°51	21°14	0°58	29°10	29°41	1°31	26°22	W12
T 13	17 28 56	23°36'17	9♊50	15°34	5°27	20°56	25°51	28°42	6°48	21°14	0°59	29° 9	29°38	1°38	26°23	T 13
F 14	17 32 53	24°34'12	21°41	16°25	6°40	20°47	25°57	28°44	6°46	21°14	1° 0	29° 9	29°35	1°45	26°23	F 14
S 15	17 36 49	25°32'05	3♋36	17°13	7°54	20°37	26° 3	28°46	6°43	21°15	1° 1	29°D 9	29°32	1°51	26°24	S 15
S 16	17 40 46	26°29'57	15°38	17°56	9° 8	20°27	26° 8	28°47	6°41	21°15	1° 3	29° 9	29°29	1°58	26°25	S 16
M17	17 44 43	27°27'47	27°49	18°34	10°22	20°16	26°14	28°49	6°39	21°15	1° 4	29° 9	29°26	2° 5	26°26	M17
T 18	17 48 39	28°25'36	10♌11	19° 8	11°35	20° 4	26°19	28°51	6°36	21°15	1° 5	29° 9	29°22	2°11	26°26	T 18
W19	17 52 36	29°23'24	22°47	19°37	12°49	19°51	26°24	28°53	6°34	21°15	1° 6	29°R 9	29°19	2°18	26°27	W19
T 20	17 56 32	0♋21'09	5♍38	20° 2	14° 3	19°38	26°29	28°55	6°32	21°16	1° 8	29° 9	29°16	2°25	26°27	T 20
F 21	18 0 29	1°18'54	18°47	20°22	15°16	19°24	26°33	28°58	6°30	21°16	1° 9	29° 9	29°13	2°31	26°28	F 21
S 22	18 4 25	2°16'37	2♎16	20°37	16°30	19° 9	26°38	29° 0	6°27	21°R16	1°10	29°D 9	29°10	2°38	26°28	S 22
S 23	18 8 22	3°14'18	16° 6	20°47	17°44	18°54	26°42	29° 2	6°25	21°16	1°12	29° 9	29° 6	2°45	26°29	S 23
M24	18 12 19	4°11'58	0♏17	20°53	18°57	18°39	26°46	29° 5	6°23	21°16	1°13	29°10	29° 3	2°51	26°29	M24
T 25	18 16 15	5° 9'36	14°48	20°R54	20°11	18°22	26°50	29° 8	6°21	21°16	1°14	29°10	29° 0	2°58	26°29	T 25
W26	18 20 12	6° 7'14	29°35	20°50	21°24	18° 6	26°54	29°10	6°19	21°15	1°16	29°11	28°57	3° 5	26°29	W26
T 27	18 24 8	7° 4'49	14♐32	20°42	22°38	17°48	26°58	29°13	6°17	21°15	1°17	29°11	28°54	3°11	26°29	T 27
F 28	18 28 5	8° 2'24	29°31	20°30	23°51	17°31	27° 1	29°16	6°15	21°15	1°19	29°R11	28°51	3°18	26°30	F 28
S 29	18 32 1	8°59'58	14♑24	20°14	25° 5	17°12	27° 4	29°19	6°13	21°15	1°20	29°11	28°47	3°24	26°R30	S 29
S 30	18 35 58	9♋57'31	29♑ 4	19♋54	26♋18	16♑54	27♓ 7	29♍22	6♐11	21♓15	1♌21	29♊10	28♊44	3♊31	26♓29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	23s44	0s39	25n24	2n10	22n56	0n 2	23s22	1s54	2s57	0s51	2n30	2n 6	21s 7	0n14	3s58	0s32	16n35	3s18	23n13	23n14	17n31	2n54	4n49
S 2	22 9	23 33	1 57	25 27	2 14	23 3	0 4	23 25	1 57	2 54	0 51	2 30	2 5	21 6	0 14	3 58	0 32	16 35	3 18	23 13	23 14	17 33	2 55	4 49
M 3	22 16	21 49	3 6	25 28	2 17	23 10	0 7	23 29	2 1	2 52	0 51	2 30	2 5	21 6	0 14	3 58	0 32	16 34	3 18	23 13	23 14	17 35	2 56	4 49
T 4	22 23	18 50	4 2	25 28	2 19	23 15	0 9	23 32	2 4	2 49	0 52	2 29	2 5	21 5	0 14	3 57	0 32	16 34	3 18	23 13	23 14	17 37	2 56	4 49
W 5	22 29	14 56	4 43	25 25	2 20	23 21	0 11	23 36	2 8	2 46	0 52	2 29	2 5	21 5	0 14	3 57	0 32	16 34	3 18	23 13	23 14	17 39	2 57	4 50
T 6	22 35	10 27	5 8	25 21	2 21	23 25	0 14	23 40	2 11	2 44	0 52	2 28	2 5	21 5	0 14	3 57	0 32	16 34	3 18	23 13	23 14	17 41	2 58	4 50
F 7	22 40	5 38	5 17	25 15	2 20	23 29	0 16	23 44	2 15	2 41	0 52	2 28	2 5	21 4	0 14	3 57	0 32	16 34	3 18	23 13	23 14	17 43	2 59	4 50
S 8	22 45	0 43	5 11	25 8	2 18	23 32	0 19	23 48	2 18	2 39	0 53	2 27	2 4	21 4	0 13	3 57	0 32	16 34	3 18	23 13	23 14	17 45	2 59	4 50
S 9	22 50	4n 8	4 51	25 0	2 16	23 35	0 21	23 53	2 22	2 36	0 53	2 27	2 4	21 3	0 13	3 57	0 32	16 34	3 18	23 13	23 14	17 48	3 0	4 51
M10	22 54	8 47	4 19	24 50	2 12	23 36	0 24	23 57	2 26	2 34	0 53	2 26	2 4	21 3	0 13	3 56	0 32	16 33	3 18	23 13	23 14	17 50	3 0	4 51
T 11	22 58	13 5	3 36	24 39	2 8	23 38	0 26	24 2	2 29	2 32	0 53	2 26	2 4	21 3	0 13	3 56	0 32	16 33	3 17	23 13	23 14	17 52	3 1	4 51
W12	23 1	16 52	2 44	24 28	2 3	23 38	0 28	24 7	2 33	2 30	0 54	2 25	2 4	21 2	0 13	3 56	0 32	16 33	3 17	23 13	23 14	17 54	3 2	4 51
T 13	23 4	20 0	1 45	24 15	1 56	23 38	0 31	24 12	2 37	2 27	0 54	2 24	2 3	21 2	0 13	3 56	0 32	16 33	3 17	23 13	23 14	17 56	3 2	4 51
F 14	23 7	22 17	0 41	24 2	1 49	23 37	0 33	24 17	2 40	2 25	0 54	2 23	2 3	21 2	0 13	3 56	0 32	16 33	3 17	23 13	23 14	17 58	3 3	4 52
S 15	23 9	23 35	0n25	23 48	1 41	23 35	0 35	24 22	2 44	2 23	0 54	2 23	2 3	21 1	0 13	3 56	0 32	16 33	3 17	23 13	23 14	18 0	3 3	4 52
S 16	23 11	23 49	1 30	23 33	1 32	23 33	0 38	24 27	2 48	2 21	0 55	2 22	2 3	21 1	0 13	3 56	0 32	16 33	3 17	23 13	23 13	18 2	3 4	4 52
M17	23 12	22 54	2 33	23 18	1 21	23 29	0 40	24 32	2 52	2 20	0 55	2 21	2 3	21 0	0 13	3 56	0 32	16 32	3 17	23 13	23 13	18 4	3 4	4 52
T 18	23 13	20 53	3 29	23 2	1 10	23 26	0 42	24 38	2 55	2 18	0 55	2 20	2 3	21 0	0 13	3 56	0 32	16 32	3 17	23 13	23 13	18 6	3 5	4 52
W19	23 13	17 50	4 16	22 46	0 59	23 21	0 45	24 43	2 59	2 16	0 55	2 19	2 2	21 0	0 13	3 56	0 32	16 32	3 17	23 13	23 13	18 8	3 5	4 53
T 20	23 14	13 53	4 51	22 30	0 46	23 16	0 47	24 49	3 3	2 14	0 56	2 18	2 2	20 59	0 13	3 56	0 32	16 32	3 17	23 13	23 13	18 10	3 5	4 53
F 21	23 13	9 12	5 12	22 14	0 32	23 10	0 49	24 55	3 6	2 13	0 56	2 17	2 2	20 59	0 13	3 56	0 32	16 32	3 16	23 13	23 13	18 12	3 6	4 53
S 22	23 12	3 58	5 17	21 57	0 18	23 4	0 51	25 1	3 10	2 11	0 56	2 16	2 2	20 59	0 13	3 56	0 32	16 31	3 16	23 13	23 13	18 14	3 6	4 53
S 23	23 11	1s36	5 4	21 41	0 3	22 57	0 53	25 6	3 14	2 10	0 56	2 15	2 2	20 58	0 13	3 56	0 32	16 31	3 16	23 13	23 13	18 16	3 7	4 54
M24	23 10	7 13	4 32	21 25	0s13	22 49	0 55	25 12	3 17	2 8	0 57	2 13	2 2	20 58	0 13	3 56	0 32	16 31	3 16	23 13	23 13	18 18	3 7	4 54
T 25	23 8	12 35	3 42	21 8	0 29	22 40	0 57	25 18	3 21	2 7	0 57	2 12	2 1	20 58	0 13	3 56	0 32	16 31	3 16	23 13	23 13	18 21	3 7	4 54
W26	23 5	17 19	2 37	20 52	0 46	22 31	0 59	25 24	3 25	2 6	0 57	2 11	2 1	20 57	0 13	3 56	0 32	16 31	3 16	23 13	23 13	18 23	3 7	4 54
T 27	23 2	21 0	1 21	20 37	1 3	22 21	1 1	25 30	3 28	2 5	0 57	2 10	2 1	20 57	0 13	3 56	0 32	16 30	3 16	23 13	23 13	18 25	3 8	4 54
F 28	22 59	23 15	0s 2	20 21	1 20	22 11	1 3	25 35	3 32	2 3	0 58	2 8	2 1	20 56	0 13	3 56	0 32	16 30	3 16	23 13	23 13	18 27	3 8	4 55
S 29	22 55	23 50	1 23	20 6	1 38	22 0	1 5	25 41	3 35	2 2	0 58	2 7	2 1	20 56	0 13	3 56	0 32	16 30	3 16	23 13	23 13	18 29	3 8	4 55
S 30	22n51	22s45	2s38	19n52	1s55	21n48	1n 7	25s47	3s38	2s 1	0s58	2n 6	2n 1	20s56	0n13	3s56	0s32	16n30	3s16	23n13	23n13	18n31	3n 8	4n55

Julian Day Number = 3057268.5, Delta T = 02h29m40s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'23, Lahiri = 47°06'24

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

JULY 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 39 54	10♋55'03	13♒24	19°R31	27♋32	16°R35	27♓10	29♍26	6°R 9	21°R14	1♌23	29°R 9	28♊41	3♊38	26°R29	M 1
T 2	18 43 51	11°52'34	27°20	19♋ 4	28°45	16♑16	27°13	29°29	6♐ 7	21♓14	1°24	29♊ 8	28°38	3°44	26♓29	T 2
W 3	18 47 48	12°50'04	10♓50	18°36	29°58	15°56	27°15	29°32	6° 5	21°14	1°26	29° 6	28°35	3°51	26°29	W 3
T 4	18 51 44	13°47'33	23°54	18° 5	1♌12	15°37	27°18	29°36	6° 3	21°14	1°27	29° 5	28°32	3°58	26°29	T 4
F 5	18 55 41	14°45'02	6♈35	17°32	2°25	15°17	27°20	29°39	6° 1	21°13	1°28	29° 4	28°28	4° 4	26°28	F 5
S 6	18 59 37	15°42'31	18°57	16°59	3°39	14°57	27°22	29°43	6° 0	21°13	1°30	29°D 4	28°25	4°11	26°28	S 6
S 7	19 3 34	16°39'59	1♉ 3	16°25	4°52	14°37	27°24	29°47	5°58	21°12	1°31	29° 4	28°22	4°18	26°27	S 7
M 8	19 7 30	17°37'26	12°58	15°52	6° 5	14°16	27°25	29°51	5°56	21°12	1°33	29° 5	28°19	4°24	26°27	M 8
T 9	19 11 27	18°34'53	24°48	15°19	7°19	13°56	27°27	29°55	5°54	21°11	1°34	29° 7	28°16	4°31	26°26	T 9
W10	19 15 23	19°32'19	6♊36	14°48	8°32	13°36	27°28	29°59	5°53	21°11	1°36	29° 8	28°12	4°38	26°26	W10
T 11	19 19 20	20°29'45	18°26	14°18	9°45	13°16	27°29	0♎ 3	5°51	21°10	1°37	29°10	28° 9	4°44	26°25	T 11
F 12	19 23 17	21°27'10	0♋21	13°51	10°58	12°56	27°30	0° 7	5°50	21°10	1°39	29°R10	28° 6	4°51	26°24	F 12
S 13	19 27 13	22°24'35	12°25	13°27	12°12	12°36	27°30	0°11	5°48	21° 9	1°40	29° 9	28° 3	4°58	26°24	S 13
S 14	19 31 10	23°21'59	24°40	13° 5	13°25	12°17	27°31	0°15	5°47	21° 8	1°42	29° 7	28° 0	5° 4	26°23	S 14
M15	19 35 6	24°19'23	7♌ 6	12°48	14°38	11°57	27°31	0°20	5°45	21° 8	1°43	29° 4	27°57	5°11	26°22	M15
T 16	19 39 3	25°16'46	19°46	12°34	15°51	11°38	27°R31	0°24	5°44	21° 7	1°45	29° 1	27°53	5°18	26°21	T 16
W17	19 42 59	26°14'08	2♍39	12°24	17° 4	11°20	27°31	0°29	5°43	21° 6	1°46	28°56	27°50	5°24	26°20	W17
T 18	19 46 56	27°11'30	15°46	12°19	18°18	11° 2	27°30	0°34	5°41	21° 5	1°48	28°52	27°47	5°31	26°19	T 18
F 19	19 50 52	28° 8'51	29° 7	12°D18	19°31	10°44	27°30	0°38	5°40	21° 5	1°49	28°49	27°44	5°38	26°18	F 19
S 20	19 54 49	29° 6'11	12♎42	12°22	20°44	10°27	27°29	0°43	5°39	21° 4	1°50	28°47	27°41	5°44	26°16	S 20
S 21	19 58 46	0♌ 3'31	26°31	12°31	21°57	10°10	27°28	0°48	5°38	21° 3	1°52	28°D46	27°38	5°51	26°15	S 21
M22	20 2 42	1° 0'50	10♏34	12°44	23°10	9°54	27°27	0°53	5°37	21° 2	1°53	28°46	27°34	5°58	26°14	M22
T 23	20 6 39	1°58'08	24°49	13° 2	24°23	9°38	27°25	0°58	5°36	21° 1	1°55	28°47	27°31	6° 4	26°13	T 23
W24	20 10 35	2°55'26	9♐15	13°25	25°36	9°23	27°24	1° 3	5°35	21° 0	1°56	28°48	27°28	6°11	26°11	W24
T 25	20 14 32	3°52'43	23°48	13°53	26°49	9° 9	27°22	1° 8	5°34	20°59	1°58	28°R49	27°25	6°18	26°10	T 25
F 26	20 18 28	4°50'00	8♑24	14°25	28° 2	8°55	27°20	1°13	5°33	20°58	1°59	28°49	27°22	6°24	26° 8	F 26
S 27	20 22 25	5°47'17	22°58	15° 2	29°15	8°43	27°18	1°19	5°32	20°57	2° 1	28°47	27°18	6°31	26° 7	S 27
S 28	20 26 22	6°44'33	7♒23	15°44	0♍28	8°30	27°16	1°24	5°31	20°56	2° 2	28°44	27°15	6°38	26° 5	S 28
M29	20 30 18	7°41'49	21°34	16°30	1°41	8°19	27°13	1°30	5°30	20°55	2° 4	28°38	27°12	6°44	26° 4	M29
T 30	20 34 15	8°39'05	5♓25	17°21	2°53	8° 8	27°11	1°35	5°30	20°54	2° 5	28°32	27° 9	6°51	26° 2	T 30
W31	20 38 11	9♌36'21	18♓54	18♋17	4♍ 6	7♑58	27♓ 8	1♎41	5♐29	20♓53	2♌ 7	28♊26	27♊ 6	6♊57	26♓ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22n47	20s11	3s41	19n38	2s13	21n36	1n 9	25s52	3s42	2s 1	0s58	2n 4	2n 1	20s56	0n13	3s56	0s32	16n30	3s16	23n13	23n13	18n33	3n 8	4n55	
T 2	22 42	16 31	4 29	19 25	2 30	21 23	1 11	25 58	3 45	2 0	0 59	2 3	2 0	20 55	0 13	3 57	0 32	16 29	3 15	23 13	23 13	18 35	3 9	4 56	
W 3	22 37	12 5	5 1	19 12	2 46	21 9	1 12	26 4	3 48	1 59	0 59	2 1	2 0	20 55	0 13	3 57	0 32	16 29	3 15	23 13	23 13	18 37	3 9	4 56	
T 4	22 31	7 14	5 15	19 0	3 2	20 55	1 14	26 9	3 51	1 58	0 59	2 0	2 0	20 55	0 13	3 57	0 32	16 29	3 15	23 13	23 13	18 39	3 9	4 56	
F 5	22 25	2 13	5 14	18 49	3 17	20 40	1 16	26 14	3 54	1 58	0 59	1 58	2 0	20 54	0 13	3 57	0 33	16 29	3 15	23 13	23 13	18 41	3 9	4 56	
S 6	22 19	2n45	4 58	18 39	3 32	20 25	1 17	26 19	3 57	1 57	1 0	1 57	2 0	20 54	0 13	3 57	0 33	16 28	3 15	23 13	23 13	18 43	3 9	4 56	
S 7	22 12	7 32	4 29	18 30	3 45	20 9	1 19	26 25	4 0	1 57	1 0	1 55	2 0	20 54	0 13	3 57	0 33	16 28	3 15	23 13	23 13	18 45	3 9	4 57	
M 8	22 5	11 58	3 48	18 22	3 57	19 53	1 20	26 29	4 3	1 56	1 0	1 53	1 59	20 53	0 13	3 58	0 33	16 28	3 15	23 13	23 13	18 47	3 9	4 57	
T 9	21 57	15 54	2 59	18 15	4 8	19 36	1 22	26 34	4 5	1 56	1 1	1 52	1 59	20 53	0 13	3 58	0 33	16 28	3 15	23 13	23 13	18 49	3 9	4 57	
W10	21 49	19 13	2 1	18 8	4 18	19 18	1 23	26 39	4 8	1 56	1 1	1 50	1 59	20 53	0 13	3 58	0 33	16 27	3 15	23 13	23 13	18 51	3 9	4 57	
T 11	21 41	21 45	0 59	18 3	4 26	19 0	1 24	26 43	4 10	1 56	1 1	1 48	1 59	20 53	0 13	3 58	0 33	16 27	3 15	23 13	23 13	18 53	3 9	4 57	
F 12	21 32	23 20	0n 7	17 59	4 33	18 42	1 25	26 48	4 13	1 56	1 1	1 47	1 59	20 52	0 13	3 59	0 33	16 27	3 15	23 13	23 13	18 55	3 9	4 58	
S 13	21 23	23 51	1 12	17 57	4 38	18 23	1 27	26 52	4 15	1 56	1 2	1 45	1 59	20 52	0 13	3 59	0 33	16 27	3 15	23 13	23 13	18 57	3 8	4 58	
S 14	21 13	23 14	2 16	17 55	4 42	18 3	1 28	26 56	4 17	1 56	1 2	1 43	1 59	20 52	0 13	3 59	0 33	16 26	3 15	23 13	23 13	18 59	3 8	4 58	
M15	21 4	21 27	3 14	17 54	4 44	17 43	1 29	26 59	4 19	1 56	1 2	1 41	1 58	20 52	0 13	3 59	0 33	16 26	3 15	23 13	23 13	19 1	3 8	4 58	
T 16	20 53	18 36	4 3	17 55	4 45	17 22	1 30	27 3	4 21	1 56	1 2	1 39	1 58	20 52	0 13	4 0	0 33	16 26	3 14	23 13	23 13	19 3	3 8	4 58	
W17	20 43	14 49	4 41	17 56	4 45	17 1	1 31	27 6	4 23	1 57	1 3	1 37	1 58	20 51	0 13	4 0	0 33	16 26	3 14	23 13	23 13	19 5	3 8	4 59	
T 18	20 32	10 15	5 5	17 58	4 43	16 40	1 32	27 10	4 24	1 57	1 3	1 35	1 58	20 51	0 13	4 0	0 33	16 25	3 14	23 13	23 12	19 6	3 7	4 59	
F 19	20 21	5 9	5 13	18 1	4 40	16 18	1 32	27 13	4 26	1 57	1 3	1 33	1 58	20 51	0 13	4 1	0 33	16 25	3 14	23 13	23 12	19 8	3 7	4 59	
S 20	20 9	0s18	5 4	18 5	4 35	15 56	1 33	27 15	4 27	1 58	1 4	1 31	1 58	20 51	0 13	4 1	0 33	16 25	3 14	23 13	23 12	19 10	3 7	4 59	
S 21	19 57	5 49	4 37	18 10	4 30	15 33	1 34	27 18	4 28	1 59	1 4	1 29	1 58	20 51	0 13	4 1	0 33	16 25	3 14	23 13	23 12	19 12	3 7	4 59	
M22	19 45	11 9	3 54	18 15	4 24	15 10	1 34	27 20	4 30	1 59	1 4	1 27	1 58	20 50	0 13	4 2	0 33	16 24	3 14	23 13	23 12	19 14	3 6	5 0	
T 23	19 33	15 58	2 55	18 20	4 16	14 46	1 35	27 23	4 31	2 0	1 4	1 25	1 57	20 50	0 13	4 2	0 33	16 24	3 14	23 13	23 12	19 16	3 6	5 0	
W24	19 20	19 55	1 45	18 26	4 8	14 22	1 35	27 25	4 32	2 1	1 5	1 23	1 57	20 50	0 13	4 3	0 33	16 24	3 14	23 13	23 12	19 18	3 6	5 0	
T 25	19 7	22 38	0 27	18 33	3 59	13 58	1 36	27 27	4 32	2 2	1 5	1 21	1 57	20 50	0 13	4 3	0 33	16 24	3 14	23 13	23 12	19 20	3 5	5 0	
F 26	18 53	23 50	0s52	18 39	3 49	13 33	1 36	27 28	4 33	2 3	1 5	1 19	1 57	20 50	0 13	4 3	0 33	16 23	3 14	23 13	23 12	19 22	3 5	5 0	
S 27	18 39	23 23	2 8	18 46	3 39	13 8	1 36	27 30	4 34	2 4	1 5	1 16	1 57	20 50	0 13	4 4	0 33	16 23	3 14	23 13	23 12	19 24	3 4	5 0	
S 28	18 25	21 24	3 14	18 52	3 28	12 43	1 37	27 31	4 34	2 5	1 6	1 14	1 57	20 50	0 13	4 4	0 33	16 23	3 14	23 13	23 12	19 26	3 4	5 1	
M29	18 11	18 6	4 8	18 58	3 16	12 17	1 37	27 32	4 35	2 6	1 6	1 12	1 57	20 49	0 13	4 5	0 33	16 22	3 14	23 13	23 12	19 28	3 3	5 1	
T 30	17 56	13 52	4 45	19 4	3 4	11 51	1 37	27 33	4 35	2 8	1 6	1 10	1 57	20 49	0 13	4 5	0 33	16 22	3 14	23 13	23 12	19 30	3 3	5 1	
W31	17n41	9s 3	5s 6	19n 9	2s52	11n25	1n37	27s34	4s35	2s 9	1s 6	1n 7	1n56	20s49	0n13	4s 6	0s33	16n22	3s14	23n13	23n12	19n32	3n 2	5n 1	

Julian Day Number = 3057298.5, Delta T = 02h29m41s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'27, Lahiri = 47°06'28

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

AUGUST 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 42 8	10♌33'37	1♈59	19♋17	5♍19	7°R49	27°R 5	1♎46	5°R28	20°R52	2♌ 8	28°R20	27♊ 3	7♊ 4	25°R58	T 1
F 2	20 46 4	11°30'53	14°42	20°21	6°32	7♉41	27♓ 2	1°52	5♐28	20♓51	2°10	28♊15	26°59	7°11	25♓57	F 2
S 3	20 50 1	12°28'09	27° 6	21°30	7°45	7°33	26°58	1°58	5°27	20°49	2°11	28°12	26°56	7°17	25°55	S 3
S 4	20 53 57	13°25'26	9♉13	22°43	8°57	7°26	26°55	2° 4	5°27	20°48	2°13	28°D11	26°53	7°24	25°53	S 4
M 5	20 57 54	14°22'43	21° 9	24° 0	10°10	7°20	26°51	2° 9	5°26	20°47	2°14	28°11	26°50	7°31	25°51	M 5
T 6	21 1 51	15°20'01	2♊58	25°21	11°23	7°15	26°47	2°15	5°26	20°46	2°16	28°12	26°47	7°37	25°49	T 6
W 7	21 5 47	16°17'19	14°47	26°46	12°35	7°11	26°43	2°21	5°26	20°45	2°17	28°13	26°44	7°44	25°47	W 7
T 8	21 9 44	17°14'37	26°40	28°16	13°48	7° 8	26°39	2°27	5°26	20°43	2°19	28°R14	26°40	7°51	25°45	T 8
F 9	21 13 40	18°11'56	8♋41	29°49	15° 1	7° 5	26°34	2°34	5°25	20°42	2°20	28°13	26°37	7°57	25°43	F 9
S 10	21 17 37	19° 9'15	20°53	1♌26	16°13	7° 3	26°30	2°40	5°25	20°41	2°22	28°11	26°34	8° 4	25°41	S 10
S 11	21 21 33	20° 6'34	3♌21	3° 7	17°26	7° 3	26°25	2°46	5°25	20°39	2°23	28° 6	26°31	8°11	25°39	S 11
M12	21 25 30	21° 3'54	16° 5	4°51	18°38	7°D 3	26°20	2°52	5°D25	20°38	2°24	27°59	26°28	8°17	25°36	M12
T 13	21 29 26	22° 1'14	29° 5	6°39	19°51	7° 3	26°15	2°59	5°25	20°37	2°26	27°51	26°24	8°24	25°34	T 13
W14	21 33 23	22°58'35	12♍21	8°30	21° 3	7° 5	26°10	3° 5	5°25	20°35	2°27	27°42	26°21	8°31	25°32	W14
T 15	21 37 20	23°55'55	25°51	10°23	22°16	7° 8	26° 4	3°11	5°25	20°34	2°29	27°33	26°18	8°37	25°29	T 15
F 16	21 41 16	24°53'16	9♎33	12°20	23°28	7°11	25°59	3°18	5°25	20°32	2°30	27°25	26°15	8°44	25°27	F 16
S 17	21 45 13	25°50'37	23°24	14°19	24°40	7°15	25°53	3°24	5°26	20°31	2°31	27°19	26°12	8°51	25°25	S 17
S 18	21 49 9	26°47'58	7♏23	16°19	25°53	7°20	25°47	3°31	5°26	20°30	2°33	27°15	26° 9	8°57	25°22	S 18
M19	21 53 6	27°45'20	21°26	18°22	27° 5	7°26	25°41	3°38	5°26	20°28	2°34	27°13	26° 5	9° 4	25°20	M19
T 20	21 57 2	28°42'42	5♐34	20°26	28°17	7°33	25°35	3°44	5°27	20°27	2°36	27°D13	26° 2	9°11	25°17	T 20
W21	22 0 59	29°40'04	19°45	22°31	29°29	7°40	25°29	3°51	5°27	20°25	2°37	27°R14	25°59	9°17	25°15	W21
T 22	22 4 55	0♍37'26	3♑57	24°37	0♎42	7°48	25°22	3°58	5°27	20°24	2°38	27°14	25°56	9°24	25°12	T 22
F 23	22 8 52	1°34'49	18° 9	26°44	1°54	7°57	25°16	4° 4	5°28	20°22	2°40	27°12	25°53	9°30	25°10	F 23
S 24	22 12 49	2°32'12	2♒17	28°50	3° 6	8° 7	25° 9	4°11	5°29	20°21	2°41	27° 8	25°50	9°37	25° 7	S 24
S 25	22 16 45	3°29'36	16°19	0♍57	4°18	8°17	25° 3	4°18	5°29	20°19	2°42	27° 1	25°46	9°44	25° 4	S 25
M26	22 20 42	4°27'00	0♓ 9	3° 3	5°30	8°28	24°56	4°25	5°30	20°17	2°44	26°52	25°43	9°50	25° 2	M26
T 27	22 24 38	5°24'25	13°45	5° 8	6°42	8°40	24°49	4°32	5°31	20°16	2°45	26°42	25°40	9°57	24°59	T 27
W28	22 28 35	6°21'51	27° 3	7°13	7°54	8°53	24°42	4°39	5°31	20°14	2°46	26°31	25°37	10° 4	24°56	W28
T 29	22 32 31	7°19'17	10♈ 2	9°17	9° 6	9° 6	24°35	4°46	5°32	20°13	2°47	26°20	25°34	10°10	24°54	T 29
F 30	22 36 28	8°16'45	22°41	11°20	10°18	9°20	24°28	4°53	5°33	20°11	2°49	26°11	25°30	10°17	24°51	F 30
S 31	22 40 24	9♍14'13	5♉ 2	13♍21	11♎30	9♑35	24♓20	5♎ 0	5♐34	20♓10	2♌50	26♊ 4	25♊27	10♊24	24♓48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n26	3s57	5s 9	19n14	2s39	10n59	1n37	27s35	4s36	2s10	1s 7	1n 5	1n56	20s49	0n13	4s 6	0s33	16n22	3s14	23n13	23n12	19n34	3n 2	5n 1
F 2	17 11	1n10	4 57	19 18	2 26	10 32	1 36	27 36	4 36	2 12	1 7	1 3	1 56	20 49	0 13	4 6	0 33	16 21	3 14	23 13	23 12	19 35	3 1	5 1
S 3	16 55	6 7	4 32	19 21	2 12	10 5	1 36	27 36	4 36	2 13	1 7	1 0	1 56	20 49	0 12	4 7	0 33	16 21	3 14	23 13	23 11	19 37	3 1	5 1
S 4	16 39	10 44	3 54	19 23	1 59	9 37	1 36	27 36	4 35	2 15	1 7	0 58	1 56	20 49	0 12	4 7	0 33	16 21	3 14	23 13	23 11	19 39	3 0	5 2
M 5	16 22	14 52	3 7	19 24	1 45	9 10	1 35	27 36	4 35	2 17	1 8	0 56	1 56	20 49	0 12	4 8	0 33	16 20	3 13	23 13	23 11	19 41	2 59	5 2
T 6	16 6	18 24	2 12	19 23	1 31	8 42	1 35	27 36	4 35	2 19	1 8	0 53	1 56	20 49	0 12	4 8	0 33	16 20	3 13	23 13	23 11	19 43	2 59	5 2
W 7	15 49	21 10	1 12	19 21	1 18	8 14	1 34	27 36	4 35	2 20	1 8	0 51	1 56	20 49	0 12	4 9	0 33	16 20	3 13	23 13	23 11	19 45	2 58	5 2
T 8	15 32	23 3	0 9	19 17	1 4	7 46	1 34	27 36	4 34	2 22	1 8	0 48	1 56	20 49	0 12	4 9	0 33	16 20	3 13	23 13	23 11	19 47	2 57	5 2
F 9	15 14	23 53	0n56	19 11	0 50	7 17	1 33	27 36	4 34	2 24	1 9	0 46	1 56	20 49	0 12	4 10	0 33	16 19	3 13	23 13	23 11	19 49	2 57	5 2
S 10	14 57	23 35	1 59	19 4	0 37	6 48	1 32	27 35	4 33	2 26	1 9	0 43	1 56	20 49	0 12	4 10	0 33	16 19	3 13	23 13	23 11	19 51	2 56	5 2
S 11	14 39	22 7	2 57	18 54	0 24	6 20	1 31	27 34	4 32	2 28	1 9	0 41	1 55	20 49	0 12	4 11	0 33	16 19	3 13	23 13	23 11	19 52	2 55	5 2
M12	14 21	19 30	3 48	18 42	0 11	5 51	1 30	27 34	4 32	2 31	1 9	0 38	1 55	20 49	0 12	4 12	0 33	16 18	3 13	23 13	23 11	19 54	2 54	5 3
T 13	14 3	15 53	4 28	18 28	0n 1	5 21	1 29	27 33	4 31	2 33	1 10	0 36	1 55	20 49	0 12	4 12	0 33	16 18	3 13	23 13	23 11	19 56	2 53	5 3
W14	13 44	11 24	4 55	18 11	0 13	4 52	1 28	27 32	4 30	2 35	1 10	0 33	1 55	20 49	0 12	4 13	0 33	16 18	3 13	23 12	23 11	19 58	2 53	5 3
T 15	13 26	6 18	5 5	17 52	0 24	4 23	1 27	27 31	4 29	2 37	1 10	0 30	1 55	20 49	0 12	4 13	0 33	16 18	3 13	23 12	23 11	20 0	2 52	5 3
F 16	13 7	0 50	4 58	17 31	0 35	3 53	1 26	27 30	4 28	2 40	1 10	0 28	1 55	20 49	0 12	4 14	0 33	16 17	3 13	23 12	23 10	20 2	2 51	5 3
S 17	12 48	4s45	4 34	17 7	0 45	3 24	1 24	27 29	4 27	2 42	1 11	0 25	1 55	20 49	0 12	4 14	0 34	16 17	3 13	23 12	23 10	20 3	2 50	5 3
S 18	12 28	10 9	3 54	16 40	0 54	2 54	1 23	27 27	4 26	2 45	1 11	0 22	1 55	20 49	0 12	4 15	0 34	16 17	3 13	23 12	23 10	20 5	2 49	5 3
M19	12 9	15 5	2 59	16 11	1 3	2 24	1 22	27 26	4 25	2 47	1 11	0 20	1 55	20 49	0 12	4 16	0 34	16 16	3 13	23 12	23 10	20 7	2 48	5 3
T 20	11 49	19 11	1 53	15 40	1 11	1 54	1 20	27 25	4 24	2 50	1 11	0 17	1 55	20 49	0 12	4 16	0 34	16 16	3 13	23 12	23 10	20 9	2 47	5 3
W21	11 29	22 10	0 40	15 7	1 18	1 24	1 18	27 23	4 23	2 52	1 11	0 14	1 55	20 49	0 12	4 17	0 34	16 16	3 13	23 12	23 10	20 11	2 47	5 3
T 22	11 9	23 46	0s36	14 31	1 24	0 54	1 17	27 21	4 22	2 55	1 12	0 12	1 55	20 49	0 12	4 17	0 34	16 16	3 13	23 12	23 10	20 13	2 46	5 3
F 23	10 49	23 49	1 49	13 54	1 30	0 24	1 15	27 20	4 21	2 58	1 12	0 9	1 55	20 50	0 12	4 18	0 34	16 15	3 13	23 12	23 10	20 14	2 45	5 3
S 24	10 29	22 19	2 55	13 15	1 34	0s 6	1 13	27 18	4 19	3 1	1 12	0 6	1 55	20 50	0 12	4 19	0 34	16 15	3 13	23 12	23 10	20 16	2 44	5 3
S 25	10 8	19 28	3 50	12 34	1 38	0 36	1 11	27 16	4 18	3 3	1 12	0 3	1 54	20 50	0 12	4 19	0 34	16 15	3 13	23 12	23 10	20 18	2 43	5 4
M26	9 48	15 32	4 31	11 52	1 41	1 6	1 9	27 14	4 17	3 6	1 12	0 1	1 54	20 50	0 12	4 20	0 34	16 15	3 13	23 11	23 9	20 20	2 42	5 4
T 27	9 27	10 52	4 55	11 8	1 43	1 36	1 7	27 12	4 16	3 9	1 13	0s 2	1 54	20 50	0 12	4 20	0 34	16 14	3 13	23 11	23 9	20 22	2 41	5 4
W28	9 6	5 48	5 2	10 24	1 44	2 7	1 5	27 10	4 14	3 12	1 13	0 5	1 54	20 50	0 12	4 21	0 34	16 14	3 13	23 11	23 9	20 24	2 40	5 4
T 29	8 45	0 35	4 54	9 38	1 45	2 37	1 3	27 7	4 13	3 15	1 13	0 8	1 54	20 50	0 12	4 22	0 34	16 14	3 13	23 11	23 9	20 25	2 39	5 4
F 30	8 24	4n33	4 31	8 52	1 45	3 7	1 1	27 5	4 11	3 18	1 13	0 10	1 54	20 51	0 12	4 22	0 34	16 13	3 13	23 10	23 9	20 27	2 38	5 4
S 31	8n 2	9n22	3s56	8n 5	1n44	3s37	0n58	27s 2	4s10	3s21	1s13	0s13	1n54	20s51	0n12	4s23	0s34	16n13	3s13	23n10	23n 9	20n29	2n36	5n 4

Julian Day Number = 3057329.5, Delta T = 02h29m42s
Ecliptic obliquity = 23°13'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'32, Lahiri = 47°06'32

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

SEPTEMBER 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 44 21	10♍11'43	17♉ 9	15♍21	12♎41	9♑50	24°R13	5♎ 7	5♐35	20°R 8	2♌51	25°R59	25♊24	10♊30	24°R45	S 1
M 2	22 48 17	11° 9'14	29° 4	17°20	13°53	10° 6	24♓ 6	5°14	5°36	20♓ 6	2°52	25♊57	25°21	10°37	24♓43	M 2
T 3	22 52 14	12° 6'46	10♊54	19°18	15° 5	10°22	23°58	5°22	5°37	20° 5	2°54	25°D56	25°18	10°44	24°40	T 3
W 4	22 56 11	13° 4'19	22°43	21°14	16°16	10°39	23°51	5°29	5°38	20° 3	2°55	25°R56	25°15	10°50	24°37	W 4
T 5	23 0 7	14° 1'54	4♋36	23° 8	17°28	10°57	23°43	5°36	5°40	20° 1	2°56	25°56	25°11	10°57	24°34	T 5
F 6	23 4 4	14°59'30	16°40	25° 1	18°40	11°16	23°35	5°43	5°41	20° 0	2°57	25°55	25° 8	11° 4	24°31	F 6
S 7	23 8 0	15°57'07	28°59	26°53	19°51	11°34	23°28	5°51	5°42	19°58	2°58	25°51	25° 5	11°10	24°29	S 7
S 8	23 11 57	16°54'45	11♌36	28°43	21° 3	11°54	23°20	5°58	5°43	19°57	2°59	25°45	25° 2	11°17	24°26	S 8
M 9	23 15 53	17°52'24	24°34	0♎31	22°14	12°14	23°12	6° 5	5°45	19°55	3° 1	25°36	24°59	11°24	24°23	M 9
T 10	23 19 50	18°50'05	7♍53	2°19	23°26	12°35	23° 4	6°13	5°46	19°53	3° 2	25°25	24°55	11°30	24°20	T 10
W11	23 23 46	19°47'47	21°32	4° 4	24°37	12°56	22°56	6°20	5°48	19°52	3° 3	25°13	24°52	11°37	24°17	W11
T 12	23 27 43	20°45'30	5♎27	5°48	25°48	13°18	22°48	6°27	5°49	19°50	3° 4	25° 1	24°49	11°43	24°14	T 12
F 13	23 31 40	21°43'14	19°35	7°31	27° 0	13°40	22°41	6°35	5°51	19°48	3° 5	24°50	24°46	11°50	24°11	F 13
S 14	23 35 36	22°40'59	3♏50	9°12	28°11	14° 3	22°33	6°42	5°53	19°47	3° 6	24°42	24°43	11°57	24° 8	S 14
S 15	23 39 33	23°38'46	18° 7	10°52	29°22	14°26	22°25	6°50	5°54	19°45	3° 7	24°37	24°40	12° 3	24° 5	S 15
M16	23 43 29	24°36'33	2♐23	12°30	0♏33	14°50	22°17	6°57	5°56	19°43	3° 8	24°34	24°36	12°10	24° 3	M16
T 17	23 47 26	25°34'21	16°35	14° 7	1°44	15°15	22° 9	7° 5	5°58	19°42	3° 9	24°33	24°33	12°17	24° 0	T 17
W18	23 51 22	26°32'11	0♑41	15°43	2°55	15°39	22° 1	7°12	6° 0	19°40	3°10	24°33	24°30	12°23	23°57	W18
T 19	23 55 19	27°30'01	14°41	17°17	4° 6	16° 5	21°53	7°20	6° 1	19°39	3°11	24°32	24°27	12°30	23°54	T 19
F 20	23 59 15	28°27'53	28°34	18°50	5°17	16°30	21°46	7°27	6° 3	19°37	3°12	24°30	24°24	12°37	23°51	F 20
S 21	0 3 12	29°25'45	12♒19	20°22	6°28	16°57	21°38	7°35	6° 5	19°35	3°13	24°25	24°21	12°43	23°48	S 21
S 22	0 7 9	0♎23'39	25°56	21°52	7°39	17°23	21°30	7°42	6° 7	19°34	3°14	24°18	24°17	12°50	23°45	S 22
M23	0 11 5	1°21'34	9♓22	23°20	8°50	17°50	21°22	7°50	6° 9	19°32	3°15	24° 7	24°14	12°57	23°42	M23
T 24	0 15 2	2°19'30	22°36	24°48	10° 0	18°18	21°15	7°57	6°12	19°31	3°15	23°55	24°11	13° 3	23°40	T 24
W25	0 18 58	3°17'28	5♈36	26°14	11°11	18°46	21° 7	8° 5	6°14	19°29	3°16	23°43	24° 8	13°10	23°37	W25
T 26	0 22 55	4°15'27	18°21	27°38	12°21	19°14	21° 0	8°12	6°16	19°27	3°17	23°30	24° 5	13°16	23°34	T 26
F 27	0 26 51	5°13'28	0♉50	29° 1	13°32	19°42	20°52	8°20	6°18	19°26	3°18	23°20	24° 1	13°23	23°31	F 27
S 28	0 30 48	6°11'30	13° 5	0♏23	14°42	20°11	20°45	8°28	6°20	19°24	3°19	23°11	23°58	13°30	23°28	S 28
S 29	0 34 44	7° 9'34	25° 8	1°43	15°53	20°41	20°38	8°35	6°23	19°23	3°20	23° 6	23°55	13°36	23°25	S 29
M30	0 38 41	8♎ 7'40	7♊ 1	3♏ 1	17♏ 3	21♑11	20♓31	8♎43	6♐25	19♓21	3♌20	23♊ 3	23♊52	13♊43	23♓23	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n41	13n45	3s11	7n18	1n42	4s 7	0n56	27s 0	4s 9	3s24	1s13	0s16	1n54	20s51	0n12	4s24	0s34	16n13	3s13	23n10	23n 9	20n31	2n35	5n 4
M 2	7 19	17 32	2 18	6 30	1 40	4 36	0 53	26 57	4 7	3 27	1 13	0 19	1 54	20 51	0 12	4 24	0 34	16 13	3 13	23 10	23 9	20 32	2 34	5 4
T 3	6 57	20 34	1 19	5 42	1 37	5 6	0 51	26 54	4 6	3 30	1 14	0 22	1 54	20 51	0 12	4 25	0 34	16 12	3 13	23 10	23 9	20 34	2 33	5 4
W 4	6 36	22 45	0 17	4 54	1 34	5 36	0 48	26 51	4 4	3 33	1 14	0 25	1 54	20 52	0 12	4 26	0 34	16 12	3 13	23 10	23 8	20 36	2 32	5 4
T 5	6 14	23 55	0n46	4 5	1 30	6 6	0 46	26 48	4 3	3 36	1 14	0 27	1 54	20 52	0 12	4 26	0 34	16 12	3 13	23 10	23 8	20 38	2 31	5 4
F 6	5 52	23 59	1 48	3 17	1 26	6 35	0 43	26 45	4 1	3 40	1 14	0 30	1 54	20 52	0 12	4 27	0 34	16 12	3 13	23 10	23 8	20 40	2 30	5 4
S 7	5 30	22 53	2 46	2 29	1 22	7 5	0 40	26 42	3 59	3 43	1 14	0 33	1 54	20 52	0 12	4 27	0 34	16 11	3 13	23 10	23 8	20 41	2 29	5 4
S 8	5 7	20 37	3 37	1 41	1 17	7 34	0 37	26 39	3 58	3 46	1 14	0 36	1 54	20 53	0 12	4 28	0 34	16 11	3 13	23 10	23 8	20 43	2 28	5 4
M 9	4 45	17 16	4 18	0 53	1 11	8 3	0 35	26 35	3 56	3 49	1 14	0 39	1 54	20 53	0 12	4 29	0 34	16 11	3 13	23 9	23 8	20 45	2 26	5 4
T 10	4 23	12 59	4 47	0 5	1 5	8 32	0 32	26 32	3 55	3 52	1 14	0 42	1 54	20 53	0 12	4 29	0 34	16 11	3 13	23 9	23 8	20 47	2 25	5 3
W11	4 0	7 56	5 0	0s42	0 59	9 1	0 29	26 28	3 53	3 55	1 15	0 45	1 54	20 53	0 12	4 30	0 34	16 10	3 13	23 8	23 8	20 48	2 24	5 3
T 12	3 38	2 23	4 56	1 29	0 53	9 29	0 26	26 25	3 52	3 58	1 15	0 48	1 54	20 54	0 12	4 31	0 34	16 10	3 13	23 8	23 8	20 50	2 23	5 3
F 13	3 15	3s22	4 33	2 15	0 46	9 58	0 22	26 21	3 50	4 2	1 15	0 51	1 54	20 54	0 12	4 31	0 34	16 10	3 13	23 8	23 7	20 52	2 22	5 3
S 14	2 53	9 0	3 54	3 1	0 39	10 26	0 19	26 17	3 48	4 5	1 15	0 53	1 54	20 54	0 12	4 32	0 34	16 10	3 13	23 7	23 7	20 53	2 20	5 3
S 15	2 30	14 12	3 0	3 46	0 32	10 54	0 16	26 12	3 47	4 8	1 15	0 56	1 54	20 55	0 12	4 33	0 34	16 9	3 13	23 7	23 7	20 55	2 19	5 3
M16	2 7	18 35	1 54	4 31	0 25	11 22	0 13	26 8	3 45	4 11	1 15	0 59	1 54	20 55	0 12	4 33	0 34	16 9	3 13	23 7	23 7	20 57	2 18	5 3
T 17	1 45	21 52	0 42	5 16	0 17	11 49	0 10	26 4	3 43	4 14	1 15	1 2	1 54	20 55	0 12	4 34	0 34	16 9	3 13	23 7	23 7	20 59	2 17	5 3
W18	1 22	23 46	0s32	5 59	0 9	12 17	0 6	25 59	3 42	4 17	1 15	1 5	1 54	20 56	0 12	4 35	0 34	16 9	3 13	23 7	23 7	21 0	2 16	5 3
T 19	0 59	24 9	1 44	6 43	0 1	12 44	0 3	25 55	3 40	4 21	1 15	1 8	1 54	20 56	0 12	4 35	0 34	16 9	3 13	23 7	23 7	21 2	2 14	5 3
F 20	0 36	23 2	2 49	7 25	0s 7	13 10	0s 0	25 50	3 38	4 24	1 15	1 11	1 54	20 56	0 12	4 36	0 34	16 8	3 13	23 7	23 7	21 4	2 13	5 3
S 21	0 13	20 32	3 44	8 7	0 15	13 37	0 4	25 45	3 37	4 27	1 15	1 14	1 54	20 57	0 11	4 36	0 34	16 8	3 13	23 7	23 6	21 5	2 12	5 3
S 22	0s 9	16 55	4 25	8 48	0 23	14 3	0 7	25 40	3 35	4 30	1 15	1 17	1 54	20 57	0 11	4 37	0 34	16 8	3 13	23 6	23 6	21 7	2 11	5 3
M23	0 32	12 29	4 51	9 29	0 32	14 29	0 11	25 35	3 33	4 33	1 15	1 20	1 54	20 57	0 11	4 38	0 34	16 8	3 13	23 6	23 6	21 9	2 10	5 2
T 24	0 55	7 31	5 0	10 9	0 40	14 55	0 14	25 29	3 32	4 36	1 15	1 23	1 54	20 58	0 11	4 38	0 34	16 7	3 13	23 5	23 6	21 10	2 8	5 2
W25	1 18	2 18	4 54	10 48	0 49	15 20	0 18	25 24	3 30	4 39	1 15	1 26	1 54	20 58	0 11	4 39	0 34	16 7	3 13	23 5	23 6	21 12	2 7	5 2
T 26	1 41	2n55	4 33	11 26	0 57	15 45	0 22	25 18	3 28	4 42	1 15	1 29	1 54	20 59	0 11	4 40	0 34	16 7	3 13	23 4	23 6	21 14	2 6	5 2
F 27	2 3	7 55	3 59	12 3	1 6	16 10	0 25	25 12	3 27	4 45	1 15	1 32	1 54	20 59	0 11	4 40	0 34	16 7	3 13	23 4	23 6	21 16	2 5	5 2
S 28	2 26	12 31	3 15	12 40	1 14	16 34	0 29	25 6	3 25	4 47	1 15	1 34	1 54	20 59	0 11	4 41	0 34	16 7	3 13	23 3	23 5	21 17	2 3	5 2
S 29	2 49	16 34	2 22	13 16	1 23	16 58	0 32	25 0	3 23	4 50	1 15	1 37	1 54	21 0	0 11	4 41	0 34	16 7	3 13	23 3	23 5	21 19	2 2	5 2
M30	3s12	19n54	1s24	13s50	1s31	17s21	0s36	24s54	3s22	4s53	1s15	1s40	1n54	21s 0	0n11	4s42	0s34	16n 6	3s13	23n 3	23n 5	21n20	2n 1	5n 1

Julian Day Number = 3057360.5, Delta T = 02h29m43s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'36, Lahiri = 47°06'36

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

OCTOBER 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 42 37	9♎ 5'48	18♊49	4♏18	18♏13	21♉41	20°R23	8♎50	6♐27	19°R20	3♌21	23°D 2	23♊49	13♊50	23°R20	T 1
W 2	0 46 34	10° 3'57	0♋37	5°33	19°23	22°11	20♓16	8°58	6°30	19♓18	3°22	23♊ 2	23°46	13°56	23♓17	W 2
T 3	0 50 31	11° 2'09	12°30	6°47	20°33	22°42	20°10	9° 6	6°32	19°17	3°22	23°R 2	23°42	14° 3	23°14	T 3
F 4	0 54 27	12° 0'22	24°34	7°59	21°44	23°13	20° 3	9°13	6°35	19°15	3°23	23° 1	23°39	14°10	23°12	F 4
S 5	0 58 24	12°58'38	6♌54	9° 8	22°54	23°45	19°56	9°21	6°37	19°14	3°24	22°59	23°36	14°16	23° 9	S 5
S 6	1 2 20	13°56'55	19°35	10°16	24° 3	24°16	19°50	9°28	6°40	19°12	3°24	22°54	23°33	14°23	23° 6	S 6
M 7	1 6 17	14°55'14	2♍39	11°22	25°13	24°49	19°43	9°36	6°43	19°11	3°25	22°47	23°30	14°30	23° 4	M 7
T 8	1 10 13	15°53'35	16° 8	12°26	26°23	25°21	19°37	9°43	6°45	19° 9	3°26	22°37	23°27	14°36	23° 1	T 8
W 9	1 14 10	16°51'58	0♎ 3	13°27	27°33	25°54	19°31	9°51	6°48	19° 8	3°26	22°27	23°23	14°43	22°59	W 9
T 10	1 18 6	17°50'22	14°18	14°25	28°42	26°27	19°24	9°59	6°51	19° 7	3°27	22°17	23°20	14°50	22°56	T 10
F 11	1 22 3	18°48'49	28°50	15°22	29°52	27° 0	19°19	10° 6	6°54	19° 5	3°27	22° 7	23°17	14°56	22°54	F 11
S 12	1 26 0	19°47'17	13♏30	16°15	1♐ 1	27°34	19°13	10°14	6°56	19° 4	3°28	22° 0	23°14	15° 3	22°51	S 12
S 13	1 29 56	20°45'47	28°12	17° 5	2°11	28° 8	19° 7	10°21	6°59	19° 3	3°28	21°56	23°11	15° 9	22°49	S 13
M14	1 33 53	21°44'18	12♐48	17°52	3°20	28°42	19° 2	10°29	7° 2	19° 1	3°29	21°54	23° 7	15°16	22°46	M14
T 15	1 37 49	22°42'52	27°15	18°35	4°29	29°17	18°56	10°36	7° 5	19° 0	3°29	21°D53	23° 4	15°23	22°44	T 15
W16	1 41 46	23°41'26	11♑29	19°14	5°39	29°51	18°51	10°44	7° 8	18°59	3°30	21°54	23° 1	15°29	22°41	W16
T 17	1 45 42	24°40'02	25°28	19°50	6°48	0♒26	18°46	10°51	7°11	18°57	3°30	21°R54	22°58	15°36	22°39	T 17
F 18	1 49 39	25°38'40	9♒13	20°21	7°57	1° 2	18°41	10°59	7°14	18°56	3°30	21°54	22°55	15°43	22°37	F 18
S 19	1 53 35	26°37'19	22°44	20°47	9° 5	1°37	18°37	11° 6	7°17	18°55	3°31	21°51	22°52	15°49	22°35	S 19
S 20	1 57 32	27°36'00	6♓ 1	21° 7	10°14	2°13	18°32	11°13	7°20	18°54	3°31	21°45	22°48	15°56	22°32	S 20
M21	2 1 29	28°34'42	19° 6	21°23	11°23	2°49	18°28	11°21	7°23	18°53	3°31	21°38	22°45	16° 3	22°30	M21
T 22	2 5 25	29°33'26	1♈58	21°32	12°31	3°25	18°23	11°28	7°26	18°51	3°32	21°29	22°42	16° 9	22°28	T 22
W23	2 9 22	0♏32'12	14°38	21°R34	13°40	4° 2	18°19	11°35	7°29	18°50	3°32	21°20	22°39	16°16	22°26	W23
T 24	2 13 18	1°31'00	27° 6	21°30	14°48	4°38	18°16	11°43	7°33	18°49	3°32	21°11	22°36	16°23	22°24	T 24
F 25	2 17 15	2°29'49	9♉22	21°19	15°56	5°15	18°12	11°50	7°36	18°48	3°32	21° 3	22°32	16°29	22°22	F 25
S 26	2 21 11	3°28'41	21°27	21° 1	17° 4	5°52	18° 9	11°57	7°39	18°47	3°32	20°57	22°29	16°36	22°20	S 26
S 27	2 25 8	4°27'34	3♊24	20°34	18°12	6°30	18° 5	12° 5	7°42	18°46	3°33	20°53	22°26	16°42	22°18	S 27
M28	2 29 4	5°26'30	15°14	20° 1	19°20	7° 7	18° 2	12°12	7°46	18°45	3°33	20°D51	22°23	16°49	22°16	M28
T 29	2 33 1	6°25'27	27° 0	19°19	20°28	7°45	17°59	12°19	7°49	18°44	3°33	20°51	22°20	16°56	22°14	T 29
W30	2 36 58	7°24'27	8♋48	18°30	21°36	8°23	17°57	12°26	7°52	18°43	3°33	20°52	22°17	17° 2	22°12	W30
T 31	2 40 54	8♏23'29	20♋40	17♏35	22♐43	9♒ 1	17♓54	12♎33	7♐56	18♓42	3♌33	20♊54	22♊13	17♊ 9	22♓11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s34	22n23	0 s22	14 s24	1 s40	17 s44	0 s40	24 s47	3 s20	4 s56	1 s15	1 s43	1n54	21 s 1	0n11	4 s43	0 s34	16n 6	3 s13	23n 3	23n 5	21n22	2n 0	5n 1
W 2	3 57	23 54	0n40	14 57	1 48	18 7	0 44	24 41	3 18	4 59	1 15	1 46	1 54	21 1	0 11	4 43	0 34	16 6	3 13	23 3	23 5	21 24	1 59	5 1
T 3	4 20	24 20	1 42	15 30	1 56	18 30	0 47	24 34	3 17	5 1	1 15	1 49	1 54	21 1	0 11	4 44	0 34	16 6	3 13	23 3	23 5	21 25	1 57	5 1
F 4	4 42	23 38	2 40	16 1	2 5	18 51	0 51	24 27	3 15	5 4	1 15	1 52	1 54	21 2	0 11	4 44	0 34	16 6	3 13	23 3	23 5	21 27	1 56	5 1
S 5	5 5	21 47	3 31	16 31	2 13	19 13	0 55	24 20	3 13	5 6	1 15	1 55	1 54	21 2	0 11	4 45	0 34	16 5	3 13	23 3	23 4	21 29	1 55	5 1
S 6	5 27	18 50	4 14	17 0	2 21	19 34	0 59	24 13	3 12	5 9	1 15	1 58	1 55	21 3	0 11	4 45	0 34	16 5	3 13	23 2	23 4	21 30	1 54	5 0
M 7	5 50	14 52	4 45	17 28	2 29	19 55	1 2	24 5	3 10	5 11	1 15	2 1	1 55	21 3	0 11	4 46	0 34	16 5	3 13	23 2	23 4	21 32	1 52	5 0
T 8	6 12	10 3	5 1	17 55	2 36	20 15	1 6	23 58	3 8	5 14	1 15	2 4	1 55	21 4	0 11	4 47	0 34	16 5	3 13	23 1	23 4	21 34	1 51	5 0
W 9	6 34	4 35	5 1	18 20	2 44	20 34	1 10	23 50	3 6	5 16	1 15	2 6	1 55	21 4	0 11	4 47	0 34	16 5	3 13	23 1	23 4	21 35	1 50	5 0
T 10	6 56	1 s15	4 42	18 45	2 51	20 54	1 14	23 42	3 5	5 18	1 15	2 9	1 55	21 5	0 11	4 48	0 34	16 5	3 13	23 0	23 4	21 37	1 49	5 0
F 11	7 18	7 9	4 4	19 8	2 58	21 12	1 17	23 34	3 3	5 21	1 15	2 12	1 55	21 5	0 11	4 48	0 34	16 5	3 13	23 0	23 3	21 38	1 48	4 59
S 12	7 40	12 44	3 10	19 30	3 5	21 30	1 21	23 26	3 1	5 23	1 15	2 15	1 55	21 6	0 11	4 49	0 34	16 4	3 13	22 59	23 3	21 40	1 47	4 59
S 13	8 2	17 35	2 3	19 50	3 11	21 48	1 25	23 17	3 0	5 25	1 15	2 18	1 55	21 6	0 11	4 49	0 34	16 4	3 13	22 59	23 3	21 42	1 45	4 59
M14	8 24	21 20	0 48	20 9	3 17	22 5	1 29	23 8	2 58	5 27	1 15	2 21	1 55	21 7	0 11	4 50	0 34	16 4	3 13	22 59	23 3	21 43	1 44	4 59
T 15	8 46	23 41	0 s29	20 27	3 22	22 22	1 32	23 0	2 56	5 29	1 15	2 24	1 55	21 7	0 11	4 50	0 34	16 4	3 13	22 59	23 3	21 45	1 43	4 59
W16	9 7	24 27	1 43	20 42	3 27	22 38	1 36	22 51	2 55	5 31	1 14	2 26	1 55	21 8	0 11	4 51	0 34	16 4	3 13	22 59	23 3	21 46	1 42	4 58
T 17	9 28	23 38	2 50	20 56	3 32	22 53	1 40	22 41	2 53	5 33	1 14	2 29	1 55	21 8	0 11	4 51	0 34	16 4	3 13	22 59	23 2	21 48	1 41	4 58
F 18	9 50	21 25	3 46	21 8	3 36	23 8	1 43	22 32	2 51	5 35	1 14	2 32	1 55	21 9	0 11	4 52	0 34	16 4	3 13	22 59	23 2	21 49	1 40	4 58
S 19	10 11	18 2	4 28	21 18	3 39	23 23	1 47	22 23	2 49	5 36	1 14	2 35	1 55	21 9	0 11	4 52	0 34	16 4	3 13	22 59	23 2	21 51	1 39	4 58
S 20	10 32	13 48	4 55	21 26	3 41	23 37	1 51	22 13	2 48	5 38	1 14	2 38	1 56	21 10	0 11	4 53	0 34	16 4	3 13	22 58	23 2	21 53	1 38	4 57
M21	10 52	8 58	5 6	21 32	3 43	23 50	1 54	22 3	2 46	5 40	1 14	2 40	1 56	21 10	0 11	4 53	0 34	16 3	3 13	22 58	23 2	21 54	1 36	4 57
T 22	11 13	3 50	5 1	21 34	3 43	24 3	1 58	21 53	2 44	5 41	1 14	2 43	1 56	21 11	0 11	4 54	0 34	16 3	3 13	22 57	23 2	21 56	1 35	4 57
W23	11 34	1n23	4 42	21 35	3 43	24 15	2 1	21 43	2 43	5 43	1 14	2 46	1 56	21 11	0 11	4 54	0 34	16 3	3 13	22 57	23 1	21 57	1 34	4 57
T 24	11 54	6 28	4 9	21 32	3 41	24 26	2 5	21 32	2 41	5 44	1 14	2 49	1 56	21 12	0 11	4 54	0 34	16 3	3 13	22 56	23 1	21 59	1 33	4 56
F 25	12 14	11 14	3 25	21 26	3 38	24 37	2 8	21 22	2 39	5 45	1 14	2 51	1 56	21 12	0 11	4 55	0 34	16 3	3 13	22 56	23 1	22 0	1 32	4 56
S 26	12 34	15 31	2 32	21 17	3 34	24 47	2 12	21 11	2 38	5 47	1 13	2 54	1 56	21 13	0 11	4 55	0 34	16 3	3 13	22 55	23 1	22 2	1 31	4 56
S 27	12 54	19 7	1 33	21 4	3 28	24 57	2 15	21 0	2 36	5 48	1 13	2 57	1 56	21 13	0 11	4 56	0 34	16 3	3 13	22 55	23 1	22 3	1 30	4 56
M28	13 13	21 55	0 30	20 48	3 20	25 6	2 18	20 49	2 34	5 49	1 13	2 59	1 56	21 14	0 11	4 56	0 34	16 3	3 13	22 55	23 1	22 5	1 29	4 55
T 29	13 33	23 45	0n33	20 28	3 11	25 14	2 22	20 38	2 33	5 50	1 13	3 2	1 57	21 14	0 11	4 56	0 34	16 3	3 13	22 55	23 0	22 6	1 28	4 55
W30	13 52	24 32	1 36	20 4	3 0	25 22	2 25	20 26	2 31	5 51	1 13	3 5	1 57	21 15	0 11	4 57	0 34	16 3	3 13	22 55	23 0	22 8	1 27	4 55
T 31	14 s11	24n12	2n35	19 s36	2 s47	25 s29	2 s28	20 s15	2 s29	5 s52	1 s13	3 s 7	1n57	21 s16	0n11	4 s57	0 s34	16n 3	3 s14	22n55	23n 0	22n 9	1n26	4n54

Julian Day Number = 3057390.5, Delta T = 02h29m44s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'40, Lahiri = 47°06'41

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ASTRODIENST EPHEMERIS for the year 3658
geocentric

NOVEMBER 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 44 51	9♏22'34	2♌42	16°R33	23♐51	9♒39	17°R52	12♎40	7♐59	18°R41	3♌33	20♊55	22♊10	17♊16	22°R 9	F 1
S 2	2 48 47	10°21'40	15° 0	15♏27	24°58	10°17	17♓50	12°47	8° 3	18♓40	3°R33	20°R55	22° 7	17°22	22♓ 7	S 2
S 3	2 52 44	11°20'49	27°38	14°18	26° 5	10°56	17°48	12°54	8° 6	18°40	3°33	20°54	22° 4	17°29	22° 6	S 3
M 4	2 56 40	12°19'59	10♍40	13° 7	27°12	11°35	17°46	13° 1	8° 9	18°39	3°33	20°51	22° 1	17°36	22° 4	M 4
T 5	3 0 37	13°19'12	24° 9	11°56	28°19	12°14	17°44	13° 8	8°13	18°38	3°33	20°46	21°58	17°42	22° 3	T 5
W 6	3 4 33	14°18'27	8♎ 7	10°48	29°25	12°53	17°43	13°15	8°16	18°37	3°33	20°41	21°54	17°49	22° 1	W 6
T 7	3 8 30	15°17'45	22°30	9°43	0♑32	13°32	17°42	13°22	8°20	18°36	3°33	20°35	21°51	17°56	22° 0	T 7
F 8	3 12 26	16°17'04	7♏14	8°45	1°38	14°12	17°41	13°29	8°24	18°36	3°33	20°30	21°48	18° 2	21°58	F 8
S 9	3 16 23	17°16'25	22°12	7°55	2°45	14°51	17°40	13°36	8°27	18°35	3°33	20°26	21°45	18° 9	21°57	S 9
S 10	3 20 20	18°15'49	7♐15	7°14	3°51	15°31	17°40	13°42	8°31	18°34	3°32	20°24	21°42	18°16	21°56	S 10
M11	3 24 16	19°15'14	22°14	6°43	4°57	16°11	17°39	13°49	8°34	18°34	3°32	20°D24	21°38	18°22	21°55	M11
T 12	3 28 13	20°14'41	7♑ 2	6°23	6° 2	16°51	17°D39	13°56	8°38	18°33	3°32	20°24	21°35	18°29	21°54	T 12
W13	3 32 9	21°14'10	21°33	6°D14	7° 8	17°32	17°39	14° 2	8°41	18°33	3°32	20°26	21°32	18°35	21°52	W13
T 14	3 36 6	22°13'41	5♒43	6°16	8°13	18°12	17°40	14° 9	8°45	18°32	3°31	20°27	21°29	18°42	21°51	T 14
F 15	3 40 2	23°13'13	19°31	6°29	9°18	18°53	17°40	14°15	8°49	18°32	3°31	20°R28	21°26	18°49	21°50	F 15
S 16	3 43 59	24°12'46	2♓59	6°52	10°23	19°33	17°41	14°22	8°52	18°31	3°31	20°28	21°23	18°55	21°50	S 16
S 17	3 47 56	25°12'21	16° 7	7°25	11°28	20°14	17°42	14°28	8°56	18°31	3°31	20°26	21°19	19° 2	21°49	S 17
M18	3 51 52	26°11'58	28°58	8° 7	12°32	20°55	17°43	14°34	9° 0	18°31	3°30	20°24	21°16	19° 9	21°48	M18
T 19	3 55 49	27°11'37	11♈34	8°58	13°36	21°36	17°44	14°41	9° 3	18°30	3°30	20°20	21°13	19°15	21°47	T 19
W20	3 59 45	28°11'17	23°57	9°55	14°40	22°17	17°46	14°47	9° 7	18°30	3°29	20°17	21°10	19°22	21°46	W20
T 21	4 3 42	29°10'59	6♉ 9	10°59	15°44	22°59	17°47	14°53	9°11	18°30	3°29	20°13	21° 7	19°29	21°46	T 21
F 22	4 7 38	0♐10'42	18°12	12° 8	16°48	23°40	17°49	14°59	9°15	18°29	3°29	20°10	21° 4	19°35	21°45	F 22
S 23	4 11 35	1°10'28	0♊ 8	13°23	17°51	24°22	17°51	15° 5	9°18	18°29	3°28	20° 8	21° 0	19°42	21°45	S 23
S 24	4 15 31	2°10'15	11°59	14°41	18°54	25° 3	17°54	15°11	9°22	18°29	3°28	20° 7	20°57	19°49	21°44	S 24
M25	4 19 28	3°10'05	23°47	16° 3	19°56	25°45	17°56	15°17	9°26	18°29	3°27	20°D 7	20°54	19°55	21°44	M25
T 26	4 23 25	4° 9'56	5♋34	17°28	20°59	26°27	17°59	15°23	9°29	18°29	3°27	20° 7	20°51	20° 2	21°43	T 26
W27	4 27 21	5° 9'50	17°23	18°56	22° 1	27° 9	18° 2	15°29	9°33	18°29	3°26	20° 8	20°48	20° 8	21°43	W27
T 28	4 31 18	6° 9'45	29°18	20°26	23° 2	27°51	18° 5	15°35	9°37	18°28	3°26	20°10	20°44	20°15	21°43	T 28
F 29	4 35 14	7° 9'42	11♌21	21°57	24° 4	28°33	18° 8	15°40	9°41	18°D28	3°25	20°11	20°41	20°22	21°43	F 29
S 30	4 39 11	8♐ 9'42	23♌38	23♏30	25♑ 5	29♒15	18♓11	15♎46	9♐44	18♓28	3♌24	20♊12	20♊38	20♊28	21♓43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s29	22n45	3n28	19s 4	2s32	25s36	2s31	20s 3	2s28	5s52	1s13	3s10	1n57	21s16	0n11	4s57	0s34	16n 3	3s14	22n55	23n 0	22n11	1n25	4n54
S 2	14 48	20 13	4 13	18 29	2 16	25 42	2 34	19 51	2 26	5 53	1 12	3 13	1 57	21 17	0 11	4 58	0 34	16 3	3 14	22 55	23 0	22 12	1 25	4 54
S 3	15 6	16 40	4 46	17 52	1 58	25 47	2 37	19 39	2 24	5 54	1 12	3 15	1 57	21 17	0 11	4 58	0 34	16 3	3 14	22 55	22 59	22 14	1 24	4 53
M 4	15 24	12 14	5 7	17 13	1 39	25 52	2 40	19 27	2 23	5 54	1 12	3 18	1 57	21 18	0 11	4 58	0 34	16 3	3 14	22 55	22 59	22 15	1 23	4 53
T 5	15 42	7 4	5 11	16 32	1 19	25 55	2 43	19 14	2 21	5 55	1 12	3 20	1 57	21 18	0 11	4 59	0 34	16 3	3 14	22 55	22 59	22 17	1 22	4 53
W 6	15 59	1 22	4 57	15 52	0 59	25 59	2 45	19 1	2 19	5 55	1 12	3 23	1 58	21 19	0 11	4 59	0 34	16 3	3 14	22 54	22 59	22 18	1 21	4 53
T 7	16 17	4s34	4 25	15 12	0 38	26 1	2 48	18 49	2 18	5 55	1 12	3 25	1 58	21 19	0 11	4 59	0 34	16 3	3 14	22 54	22 59	22 20	1 20	4 52
F 8	16 34	10 25	3 34	14 34	0 18	26 3	2 50	18 36	2 16	5 56	1 12	3 28	1 58	21 20	0 11	5 0	0 34	16 3	3 14	22 53	22 59	22 21	1 19	4 52
S 9	16 50	15 46	2 28	13 59	0n 2	26 5	2 53	18 23	2 14	5 56	1 11	3 30	1 58	21 21	0 11	5 0	0 34	16 3	3 14	22 53	22 58	22 23	1 19	4 52
S 10	17 7	20 9	1 11	13 28	0 21	26 6	2 55	18 9	2 13	5 56	1 11	3 33	1 58	21 21	0 11	5 0	0 34	16 3	3 14	22 53	22 58	22 24	1 18	4 51
M11	17 23	23 10	0s10	13 2	0 39	26 6	2 58	17 56	2 11	5 56	1 11	3 35	1 58	21 22	0 11	5 0	0 34	16 3	3 14	22 53	22 58	22 26	1 17	4 51
T 12	17 39	24 32	1 30	12 40	0 55	26 5	3 0	17 42	2 9	5 56	1 11	3 37	1 58	21 22	0 11	5 0	0 34	16 3	3 14	22 53	22 58	22 27	1 16	4 51
W13	17 55	24 12	2 43	12 23	1 10	26 4	3 2	17 28	2 8	5 55	1 11	3 40	1 59	21 23	0 11	5 1	0 34	16 3	3 14	22 53	22 58	22 29	1 16	4 50
T 14	18 10	22 17	3 44	12 11	1 23	26 2	3 4	17 14	2 6	5 55	1 11	3 42	1 59	21 23	0 11	5 1	0 34	16 3	3 14	22 53	22 57	22 30	1 15	4 50
F 15	18 25	19 6	4 30	12 5	1 34	26 0	3 6	17 0	2 5	5 55	1 10	3 45	1 59	21 24	0 11	5 1	0 34	16 3	3 14	22 53	22 57	22 32	1 14	4 50
S 16	18 39	14 59	5 0	12 3	1 44	25 57	3 8	16 46	2 3	5 54	1 10	3 47	1 59	21 25	0 11	5 1	0 34	16 3	3 14	22 53	22 57	22 33	1 13	4 49
S 17	18 54	10 15	5 14	12 6	1 52	25 53	3 9	16 32	2 1	5 54	1 10	3 49	1 59	21 25	0 11	5 1	0 34	16 3	3 14	22 53	22 57	22 34	1 13	4 49
M18	19 8	5 10	5 11	12 14	1 58	25 49	3 11	16 17	2 0	5 53	1 10	3 51	1 59	21 26	0 11	5 2	0 34	16 3	3 14	22 53	22 57	22 36	1 12	4 49
T 19	19 21	0n 2	4 53	12 25	2 3	25 44	3 12	16 3	1 58	5 53	1 10	3 54	2 0	21 26	0 11	5 2	0 34	16 3	3 14	22 53	22 56	22 37	1 12	4 48
W20	19 35	5 8	4 22	12 39	2 6	25 38	3 14	15 48	1 56	5 52	1 10	3 56	2 0	21 27	0 11	5 2	0 34	16 3	3 14	22 52	22 56	22 39	1 11	4 48
T 21	19 48	10 0	3 39	12 57	2 9	25 32	3 15	15 33	1 55	5 51	1 9	3 58	2 0	21 27	0 11	5 2	0 34	16 3	3 14	22 52	22 56	22 40	1 10	4 48
F 22	20 0	14 25	2 47	13 17	2 10	25 25	3 16	15 18	1 53	5 50	1 9	4 0	2 0	21 28	0 11	5 2	0 34	16 3	3 14	22 52	22 56	22 41	1 10	4 47
S 23	20 13	18 14	1 48	13 39	2 9	25 18	3 17	15 2	1 52	5 49	1 9	4 2	2 0	21 29	0 11	5 2	0 34	16 4	3 14	22 52	22 55	22 43	1 9	4 47
S 24	20 25	21 17	0 45	14 3	2 8	25 10	3 18	14 47	1 50	5 48	1 9	4 4	2 1	21 29	0 11	5 2	0 34	16 4	3 14	22 52	22 55	22 44	1 9	4 47
M25	20 36	23 25	0n20	14 28	2 7	25 2	3 19	14 32	1 48	5 47	1 9	4 7	2 1	21 30	0 10	5 2	0 34	16 4	3 14	22 52	22 55	22 46	1 8	4 46
T 26	20 47	24 31	1 25	14 55	2 4	24 53	3 19	14 16	1 47	5 46	1 9	4 9	2 1	21 30	0 10	5 2	0 34	16 4	3 14	22 52	22 55	22 47	1 8	4 46
W27	20 58	24 31	2 26	15 22	2 0	24 44	3 19	14 0	1 45	5 45	1 8	4 11	2 1	21 31	0 10	5 2	0 34	16 4	3 14	22 52	22 55	22 48	1 8	4 46
T 28	21 9	23 23	3 21	15 49	1 57	24 34	3 20	13 44	1 44	5 43	1 8	4 13	2 1	21 31	0 10	5 2	0 34	16 4	3 14	22 52	22 54	22 50	1 7	4 45
F 29	21 19	21 11	4 8	16 17	1 52	24 23	3 20	13 28	1 42	5 42	1 8	4 15	2 2	21 32	0 10	5 2	0 34	16 4	3 14	22 52	22 54	22 51	1 7	4 45
S 30	21s28	18n 0	4n44	16s45	1n47	24s12	3s20	13s12	1s41	5s40	1s 8	4s17	2n 2	21s32	0n10	5s 2	0s34	16n 4	3s14	22n52	22n54	22n52	1n 6	4n45

Julian Day Number = 3057421.5, Delta T = 02h29m45s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'44, Lahiri = 47°06'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3658
geocentric

DECEMBER 3658 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 43 7	9♐ 9'43	6♍13	25♏ 4	26♑ 6	29♒57	18♓15	15♎52	9♐48	18♓29	3°R24	20°R12	20♊35	20♊35	21°D43	S 1
M 2	4 47 4	10° 9'46	19° 9	26°39	27° 6	0♓40	18°19	15°57	9°52	18°29	3♌23	20♊12	20°32	20°42	21♓43	M 2
T 3	4 51 0	11° 9'52	2♎30	28°14	28° 6	1°22	18°23	16° 2	9°56	18°29	3°22	20°12	20°29	20°48	21°43	T 3
W 4	4 54 57	12° 9'59	16°19	29°50	29° 5	2° 5	18°27	16° 8	10° 0	18°29	3°22	20°11	20°25	20°55	21°43	W 4
T 5	4 58 54	13°10'09	0♏34	1♐26	0♒ 5	2°48	18°31	16°13	10° 3	18°29	3°21	20°10	20°22	21° 2	21°43	T 5
F 6	5 2 50	14°10'20	15°15	3° 3	1° 3	3°30	18°36	16°18	10° 7	18°29	3°20	20° 9	20°19	21° 8	21°43	F 6
S 7	5 6 47	15°10'33	0♐14	4°40	2° 2	4°13	18°41	16°23	10°11	18°29	3°20	20° 9	20°16	21°15	21°44	S 7
S 8	5 10 43	16°10'48	15°25	6°16	3° 0	4°56	18°46	16°28	10°15	18°30	3°19	20°D 9	20°13	21°22	21°44	S 8
M 9	5 14 40	17°11'05	0♑38	7°53	3°57	5°39	18°51	16°33	10°18	18°30	3°18	20° 9	20°10	21°28	21°44	M 9
T 10	5 18 36	18°11'24	15°43	9°30	4°54	6°22	18°56	16°38	10°22	18°30	3°17	20° 9	20° 6	21°35	21°45	T 10
W11	5 22 33	19°11'43	0♒32	11° 6	5°50	7° 5	19° 1	16°43	10°26	18°31	3°16	20° 9	20° 3	21°41	21°45	W11
T 12	5 26 29	20°12'05	14°59	12°42	6°46	7°49	19° 7	16°48	10°29	18°31	3°16	20°R 9	20° 0	21°48	21°46	T 12
F 13	5 30 26	21°12'27	29° 0	14°19	7°42	8°32	19°13	16°52	10°33	18°32	3°15	20° 9	19°57	21°55	21°47	F 13
S 14	5 34 23	22°12'50	12♓35	15°55	8°37	9°15	19°19	16°57	10°37	18°32	3°14	20° 9	19°54	22° 1	21°47	S 14
S 15	5 38 19	23°13'15	25°44	17°30	9°31	9°59	19°25	17° 1	10°41	18°33	3°13	20°D 9	19°50	22° 8	21°48	S 15
M16	5 42 16	24°13'41	8♈31	19° 6	10°24	10°42	19°31	17° 6	10°44	18°33	3°12	20° 9	19°47	22°15	21°49	M16
T 17	5 46 12	25°14'08	20°59	20°42	11°17	11°26	19°38	17°10	10°48	18°34	3°11	20° 9	19°44	22°21	21°50	T 17
W18	5 50 9	26°14'37	3♉12	22°17	12° 9	12° 9	19°45	17°14	10°52	18°35	3°10	20°10	19°41	22°28	21°51	W18
T 19	5 54 5	27°15'06	15°13	23°52	13° 1	12°53	19°51	17°19	10°55	18°35	3° 9	20°11	19°38	22°35	21°52	T 19
F 20	5 58 2	28°15'37	27° 8	25°27	13°52	13°37	19°58	17°23	10°59	18°36	3° 8	20°11	19°35	22°41	21°53	F 20
S 21	6 1 58	29°16'10	8♊57	27° 2	14°42	14°21	20° 6	17°27	11° 3	18°37	3° 7	20°12	19°31	22°48	21°54	S 21
S 22	6 5 55	0♑16'43	20°45	28°36	15°31	15° 4	20°13	17°30	11° 6	18°37	3° 6	20°R12	19°28	22°55	21°55	S 22
M23	6 9 52	1°17'18	2♋33	0♑11	16°19	15°48	20°20	17°34	11°10	18°38	3° 5	20°12	19°25	23° 1	21°56	M23
T 24	6 13 48	2°17'54	14°24	1°45	17° 7	16°32	20°28	17°38	11°13	18°39	3° 4	20°11	19°22	23° 8	21°58	T 24
W25	6 17 45	3°18'32	26°19	3°20	17°53	17°16	20°36	17°42	11°17	18°40	3° 3	20° 9	19°19	23°15	21°59	W25
T 26	6 21 41	4°19'10	8♌21	4°54	18°39	18° 0	20°44	17°45	11°20	18°41	3° 2	20° 7	19°16	23°21	22° 0	T 26
F 27	6 25 38	5°19'51	20°32	6°28	19°24	18°44	20°52	17°48	11°24	18°42	3° 1	20° 5	19°12	23°28	22° 2	F 27
S 28	6 29 34	6°20'32	2♍55	8° 2	20° 7	19°28	21° 0	17°52	11°27	18°43	3° 0	20° 3	19° 9	23°34	22° 3	S 28
S 29	6 33 31	7°21'15	15°32	9°36	20°50	20°12	21° 8	17°55	11°31	18°44	2°59	20° 1	19° 6	23°41	22° 5	S 29
M30	6 37 28	8°21'59	28°26	11°10	21°31	20°56	21°17	17°58	11°34	18°45	2°58	20° 0	19° 3	23°48	22° 7	M30
T 31	6 41 24	9♑22'45	11♎40	12♑44	22♒12	21♓40	21♓25	18♎ 1	11♐38	18♓46	2♌57	19°D59	19♊ 0	23♊54	22♓ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s38	13n56	5n 8	17s13	1n42	24s 1	3s20	12s56	1s39	5s39	1s 8	4s18	2n 2	21s33	0n10	5s 2	0s34	16n 5	3s14	22n52	22n54	22n54	1n 6	4n44	
M 2	21 46	9 8	5 18	17 40	1 36	23 49	3 19	12 40	1 37	5 37	1 8	4 20	2 2	21 34	0 10	5 2	0 34	16 5	3 14	22 52	22 53	22 55	1 6	4 44	
T 3	21 55	3 46	5 10	18 8	1 30	23 36	3 19	12 23	1 36	5 36	1 7	4 22	2 2	21 34	0 10	5 2	0 34	16 5	3 14	22 52	22 53	22 56	1 5	4 44	
W 4	22 3	1s58	4 45	18 34	1 24	23 23	3 18	12 7	1 34	5 34	1 7	4 24	2 3	21 35	0 10	5 2	0 34	16 5	3 14	22 52	22 53	22 58	1 5	4 43	
T 5	22 11	7 47	4 2	19 0	1 17	23 10	3 17	11 50	1 33	5 32	1 7	4 26	2 3	21 35	0 10	5 2	0 34	16 5	3 14	22 52	22 53	22 59	1 5	4 43	
F 6	22 18	13 21	3 2	19 25	1 11	22 56	3 16	11 33	1 31	5 30	1 7	4 28	2 3	21 36	0 10	5 2	0 34	16 5	3 14	22 52	22 53	23 0	1 5	4 42	
S 7	22 25	18 15	1 49	19 50	1 4	22 42	3 15	11 16	1 30	5 28	1 7	4 29	2 3	21 36	0 10	5 2	0 34	16 5	3 14	22 52	22 52	23 2	1 5	4 42	
S 8	22 31	22 0	0 26	20 13	0 57	22 27	3 13	10 59	1 28	5 26	1 7	4 31	2 3	21 37	0 10	5 2	0 34	16 6	3 14	22 52	22 52	23 3	1 4	4 42	
M 9	22 37	24 12	0s58	20 36	0 50	22 12	3 12	10 42	1 27	5 24	1 6	4 33	2 4	21 37	0 10	5 2	0 34	16 6	3 14	22 52	22 52	23 4	1 4	4 41	
T 10	22 42	24 35	2 18	20 58	0 43	21 57	3 10	10 25	1 25	5 22	1 6	4 34	2 4	21 38	0 10	5 1	0 34	16 6	3 14	22 52	22 52	23 6	1 4	4 41	
W11	22 47	23 13	3 26	21 19	0 36	21 41	3 8	10 8	1 24	5 19	1 6	4 36	2 4	21 39	0 10	5 1	0 34	16 6	3 14	22 52	22 51	23 7	1 4	4 41	
T 12	22 52	20 21	4 20	21 38	0 29	21 25	3 6	9 50	1 22	5 17	1 6	4 38	2 4	21 39	0 10	5 1	0 34	16 6	3 14	22 52	22 51	23 8	1 4	4 40	
F 13	22 56	16 21	4 57	21 57	0 22	21 8	3 3	9 33	1 21	5 15	1 6	4 39	2 5	21 40	0 10	5 1	0 34	16 7	3 14	22 52	22 51	23 10	1 4	4 40	
S 14	23 0	11 38	5 15	22 14	0 15	20 51	3 1	9 15	1 19	5 12	1 6	4 41	2 5	21 40	0 10	5 1	0 34	16 7	3 14	22 52	22 51	23 11	1 4	4 40	
S 15	23 3	6 32	5 17	22 31	0 8	20 34	2 58	8 58	1 18	5 10	1 6	4 42	2 5	21 41	0 10	5 0	0 34	16 7	3 14	22 52	22 50	23 12	1 4	4 39	
M16	23 6	1 17	5 2	22 46	0 1	20 17	2 55	8 40	1 16	5 7	1 5	4 44	2 5	21 41	0 10	5 0	0 34	16 7	3 14	22 52	22 50	23 13	1 4	4 39	
T 17	23 8	3n53	4 33	23 0	0s 6	19 59	2 52	8 22	1 15	5 4	1 5	4 45	2 5	21 42	0 10	5 0	0 34	16 7	3 14	22 52	22 50	23 15	1 4	4 39	
W18	23 10	8 49	3 53	23 13	0 13	19 41	2 48	8 4	1 13	5 2	1 5	4 46	2 6	21 42	0 10	5 0	0 34	16 8	3 14	22 52	22 50	23 16	1 4	4 38	
T 19	23 12	13 21	3 2	23 25	0 20	19 23	2 44	7 46	1 12	4 59	1 5	4 48	2 6	21 43	0 10	4 59	0 34	16 8	3 14	22 52	22 50	23 17	1 4	4 38	
F 20	23 13	17 19	2 5	23 35	0 26	19 5	2 40	7 28	1 10	4 56	1 5	4 49	2 6	21 43	0 10	4 59	0 34	16 8	3 14	22 52	22 49	23 18	1 4	4 38	
S 21	23 13	20 34	1 2	23 45	0 33	18 46	2 36	7 10	1 9	4 53	1 5	4 50	2 6	21 44	0 10	4 59	0 34	16 8	3 14	22 52	22 49	23 20	1 4	4 37	
S 22	23 14	22 57	0n 3	23 53	0 39	18 27	2 32	6 52	1 8	4 50	1 4	4 51	2 7	21 44	0 10	4 59	0 33	16 8	3 14	22 52	22 49	23 21	1 4	4 37	
M23	23 13	24 20	1 8	23 59	0 46	18 8	2 27	6 34	1 6	4 47	1 4	4 53	2 7	21 45	0 10	4 58	0 33	16 9	3 14	22 52	22 49	23 22	1 4	4 37	
T 24	23 12	24 37	2 10	24 5	0 52	17 49	2 22	6 16	1 5	4 44	1 4	4 54	2 7	21 45	0 10	4 58	0 33	16 9	3 14	22 52	22 48	23 23	1 5	4 36	
W25	23 11	23 46	3 7	24 9	0 58	17 30	2 17	5 58	1 3	4 41	1 4	4 55	2 7	21 46	0 10	4 58	0 33	16 9	3 14	22 52	22 48	23 25	1 5	4 36	
T 26	23 9	21 49	3 56	24 12	1 4	17 11	2 11	5 39	1 2	4 37	1 4	4 56	2 8	21 46	0 10	4 57	0 33	16 9	3 14	22 52	22 48	23 26	1 5	4 36	
F 27	23 7	18 52	4 35	24 14	1 10	16 51	2 5	5 21	1 0	4 34	1 4	4 57	2 8	21 47	0 10	4 57	0 33	16 10	3 14	22 52	22 48	23 27	1 5	4 35	
S 28	23 5	15 3	5 2	24 14	1 15	16 32	1 59	5 3	0 59	4 31	1 4	4 58	2 8	21 47	0 10	4 56	0 33	16 10	3 14	22 51	22 47	23 28	1 6	4 35	
S 29	23 1	10 30	5 15	24 13	1 21	16 12	1 53	4 44	0 58	4 27	1 3	4 59	2 9	21 48	0 10	4 56	0 33	16 10	3 14	22 51	22 47	23 29	1 6	4 35	
M30	22 58	5 24	5 13	24 11	1 26	15 52	1 46	4 26	0 56	4 24	1 3	5 0	2 9	21 48	0 10	4 56	0 33	16 11	3 14	22 51	22 47	23 31	1 6	4 34	
T 31	22s54	0s 3	4n54	24s 8	1s31	15s33	1s39	4s 7	0s55	4s20	1s 3	5s 1	2n 9	21s49	0n10	4s55	0s33	16n11	3s14	22n51	22n46	23n32	1n 7	4n34	

Julian Day Number = 3057451.5, Delta T = 02h29m46s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'49, Lahiri = 47°06'49

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

JANUARY 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 45 21	10♉23'32	25♎17	14♉18	22♒51	22♓24	21♓34	18♎ 4	11♐41	18♓47	2°R56	20♊ 0	18♊56	24♊ 1	22♓10	W 1
T 2	6 49 17	11°24'20	9♏17	15°52	23°29	23° 9	21°43	18° 7	11°45	18°48	2♌55	20° 1	18°53	24° 8	22°12	T 2
F 3	6 53 14	12°25'10	23°40	17°26	24° 6	23°53	21°52	18°10	11°48	18°49	2°53	20° 2	18°50	24°14	22°14	F 3
S 4	6 57 10	13°26'01	8♐25	19° 0	24°41	24°37	22° 1	18°12	11°51	18°50	2°52	20° 4	18°47	24°21	22°16	S 4
S 5	7 1 7	14°26'54	23°25	20°34	25°15	25°21	22°11	18°15	11°55	18°51	2°51	20°R 4	18°44	24°28	22°18	S 5
M 6	7 5 3	15°27'47	8♑34	22° 8	25°47	26° 6	22°20	18°17	11°58	18°53	2°50	20° 3	18°41	24°34	22°20	M 6
T 7	7 9 0	16°28'41	23°41	23°43	26°18	26°50	22°30	18°19	12° 1	18°54	2°49	20° 1	18°37	24°41	22°22	T 7
W 8	7 12 57	17°29'36	8♒38	25°17	26°48	27°34	22°39	18°22	12° 5	18°55	2°48	19°57	18°34	24°48	22°24	W 8
T 9	7 16 53	18°30'32	23°16	26°51	27°16	28°19	22°49	18°24	12° 8	18°56	2°46	19°53	18°31	24°54	22°26	T 9
F 10	7 20 50	19°31'28	7♓30	28°26	27°42	29° 3	22°59	18°26	12°11	18°58	2°45	19°48	18°28	25° 1	22°28	F 10
S 11	7 24 46	20°32'25	21°15	29°59	28° 6	29°48	23° 9	18°28	12°14	18°59	2°44	19°45	18°25	25° 7	22°30	S 11
S 12	7 28 43	21°33'22	4♈32	1♒34	28°29	0♈32	23°19	18°29	12°17	19° 1	2°43	19°42	18°22	25°14	22°33	S 12
M13	7 32 39	22°34'20	17°22	3° 9	28°49	1°17	23°30	18°31	12°20	19° 2	2°42	19°D40	18°18	25°21	22°35	M13
T 14	7 36 36	23°35'18	29°50	4°43	29° 8	2° 1	23°40	18°33	12°23	19° 3	2°40	19°41	18°15	25°27	22°37	T 14
W15	7 40 32	24°36'17	12♉ 1	6°18	29°25	2°46	23°51	18°34	12°26	19° 5	2°39	19°42	18°12	25°34	22°40	W15
T 16	7 44 29	25°37'15	23°59	7°52	29°39	3°30	24° 1	18°35	12°29	19° 6	2°38	19°43	18° 9	25°41	22°42	T 16
F 17	7 48 26	26°38'15	5♊49	9°26	29°51	4°15	24°12	18°37	12°32	19° 8	2°37	19°45	18° 6	25°47	22°45	F 17
S 18	7 52 22	27°39'14	17°35	11° 0	0♓ 2	4°59	24°23	18°38	12°35	19°10	2°36	19°R46	18° 2	25°54	22°47	S 18
S 19	7 56 19	28°40'14	29°22	12°33	0° 9	5°44	24°34	18°39	12°38	19°11	2°34	19°46	17°59	26° 1	22°50	S 19
M20	8 0 15	29°41'14	11♋13	14° 7	0°15	6°28	24°45	18°40	12°41	19°13	2°33	19°43	17°56	26° 7	22°53	M20
T 21	8 4 12	0♒42'15	23°11	15°39	0°18	7°13	24°56	18°40	12°44	19°14	2°32	19°39	17°53	26°14	22°55	T 21
W22	8 8 8	1°43'16	5♌17	17°11	0°R19	7°57	25° 8	18°41	12°47	19°16	2°31	19°32	17°50	26°21	22°58	W22
T 23	8 12 5	2°44'17	17°32	18°43	0°17	8°42	25°19	18°42	12°50	19°18	2°29	19°25	17°47	26°27	23° 1	T 23
F 24	8 16 2	3°45'18	29°58	20°13	0°13	9°26	25°31	18°42	12°52	19°19	2°28	19°16	17°43	26°34	23° 4	F 24
S 25	8 19 58	4°46'20	12♍35	21°42	0° 6	10°11	25°42	18°43	12°55	19°21	2°27	19° 8	17°40	26°41	23° 6	S 25
S 26	8 23 55	5°47'23	25°24	23° 9	29♒57	10°55	25°54	18°43	12°58	19°23	2°26	19° 0	17°37	26°47	23° 9	S 26
M27	8 27 51	6°48'25	8♎27	24°35	29°45	11°40	26° 6	18°43	13° 0	19°25	2°24	18°54	17°34	26°54	23°12	M27
T 28	8 31 48	7°49'28	21°43	25°58	29°31	12°24	26°18	18°R43	13° 3	19°27	2°23	18°51	17°31	27° 0	23°15	T 28
W29	8 35 44	8°50'32	5♏15	27°19	29°14	13° 9	26°30	18°43	13° 5	19°28	2°22	18°D50	17°28	27° 7	23°18	W29
T 30	8 39 41	9°51'36	19° 3	28°37	28°55	13°53	26°42	18°43	13° 8	19°30	2°21	18°50	17°24	27°14	23°21	T 30
F 31	8 43 37	10♒52'40	3♐ 9	29♒51	28♒33	14♈38	26♓54	18♎42	13♐10	19♓32	2♌20	18♊51	17♊21	27♊20	23♓24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22s49	5s41	4n18	24s 3	1s36	15s13	1s31	3s49	0s54	4s17	1s 3	5s 2	2n 9	21s49	0n10	4s55	0s33	16n11	3s14	22n51	22n46	23n33	1n 7	4n34	
T 2	22 45	11 11	3 27	23 57	1 40	14 54	1 24	3 30	0 52	4 13	1 3	5 3	2 10	21 50	0 10	4 54	0 33	16 11	3 14	22 51	22 46	23 34	1 7	4 33	
F 3	22 39	16 15	2 21	23 50	1 45	14 34	1 16	3 11	0 51	4 10	1 3	5 3	2 10	21 50	0 10	4 54	0 33	16 12	3 14	22 51	22 46	23 35	1 8	4 33	
S 4	22 33	20 28	1 4	23 41	1 49	14 14	1 8	2 53	0 50	4 6	1 3	5 4	2 10	21 50	0 10	4 54	0 33	16 12	3 14	22 51	22 45	23 36	1 8	4 33	
S 5	22 27	23 22	0s18	23 31	1 52	13 55	0 59	2 34	0 48	4 2	1 3	5 5	2 10	21 51	0 10	4 53	0 33	16 12	3 14	22 51	22 45	23 38	1 9	4 32	
M 6	22 20	24 37	1 40	23 20	1 56	13 36	0 50	2 15	0 47	3 58	1 2	5 5	2 11	21 51	0 10	4 53	0 33	16 12	3 14	22 51	22 45	23 39	1 9	4 32	
T 7	22 13	24 2	2 55	23 8	1 59	13 16	0 41	1 57	0 46	3 54	1 2	5 6	2 11	21 52	0 10	4 52	0 33	16 13	3 14	22 51	22 45	23 40	1 10	4 32	
W 8	22 6	21 44	3 56	22 54	2 2	12 57	0 31	1 38	0 44	3 51	1 2	5 7	2 11	21 52	0 10	4 52	0 33	16 13	3 14	22 51	22 44	23 41	1 10	4 31	
T 9	21 58	18 3	4 41	22 39	2 5	12 39	0 21	1 19	0 43	3 47	1 2	5 7	2 12	21 53	0 10	4 51	0 33	16 13	3 13	22 51	22 44	23 42	1 11	4 31	
F 10	21 49	13 25	5 6	22 22	2 7	12 20	0 11	1 1	0 42	3 43	1 2	5 8	2 12	21 53	0 10	4 50	0 33	16 14	3 13	22 50	22 44	23 43	1 11	4 31	
S 11	21 40	8 15	5 13	22 5	2 9	12 2	0n 0	0 42	0 40	3 38	1 2	5 8	2 12	21 53	0 10	4 50	0 33	16 14	3 13	22 50	22 44	23 44	1 12	4 31	
S 12	21 31	2 52	5 3	21 46	2 11	11 43	0 11	0 23	0 39	3 34	1 2	5 8	2 12	21 54	0 10	4 49	0 33	16 14	3 13	22 50	22 43	23 46	1 13	4 30	
M13	21 21	2n28	4 38	21 26	2 12	11 26	0 23	0 4	0 38	3 30	1 2	5 9	2 13	21 54	0 10	4 49	0 33	16 15	3 13	22 50	22 43	23 47	1 13	4 30	
T 14	21 11	7 34	4 0	21 4	2 13	11 8	0 34	0n14	0 37	3 26	1 1	5 9	2 13	21 55	0 10	4 48	0 33	16 15	3 13	22 50	22 43	23 48	1 14	4 30	
W15	21 1	12 15	3 12	20 42	2 14	10 51	0 46	0 33	0 35	3 22	1 1	5 9	2 13	21 55	0 10	4 48	0 33	16 15	3 13	22 50	22 42	23 49	1 15	4 29	
T 16	20 50	16 24	2 16	20 18	2 14	10 34	0 59	0 52	0 34	3 17	1 1	5 10	2 13	21 55	0 10	4 47	0 33	16 16	3 13	22 50	22 42	23 50	1 15	4 29	
F 17	20 38	19 51	1 16	19 53	2 13	10 18	1 12	1 10	0 33	3 13	1 1	5 10	2 14	21 56	0 10	4 46	0 33	16 16	3 13	22 50	22 42	23 51	1 16	4 29	
S 18	20 27	22 27	0 12	19 26	2 12	10 2	1 25	1 29	0 32	3 9	1 1	5 10	2 14	21 56	0 10	4 46	0 33	16 16	3 13	22 50	22 42	23 52	1 17	4 29	
S 19	20 15	24 6	0n52	18 59	2 11	9 47	1 38	1 47	0 30	3 4	1 1	5 10	2 14	21 57	0 10	4 45	0 33	16 16	3 13	22 50	22 41	23 53	1 18	4 28	
M20	20 2	24 39	1 54	18 31	2 9	9 32	1 52	2 6	0 29	3 0	1 1	5 10	2 15	21 57	0 10	4 45	0 33	16 17	3 13	22 50	22 41	23 54	1 18	4 28	
T 21	19 49	24 4	2 51	18 1	2 7	9 18	2 6	2 25	0 28	2 55	1 1	5 10	2 15	21 57	0 10	4 44	0 33	16 17	3 13	22 50	22 41	23 55	1 19	4 28	
W22	19 36	22 22	3 42	17 30	2 3	9 4	2 21	2 43	0 27	2 51	1 1	5 10	2 15	21 58	0 10	4 43	0 33	16 17	3 13	22 49	22 40	23 56	1 20	4 27	
T 23	19 22	19 36	4 22	16 59	2 0	8 51	2 35	3 2	0 26	2 46	1 0	5 10	2 15	21 58	0 10	4 43	0 33	16 18	3 13	22 48	22 40	23 57	1 21	4 27	
F 24	19 8	15 55	4 51	16 27	1 55	8 38	2 50	3 20	0 24	2 42	1 0	5 10	2 16	21 58	0 10	4 42	0 33	16 18	3 13	22 48	22 40	23 58	1 22	4 27	
S 25	18 54	11 30	5 6	15 53	1 50	8 27	3 5	3 39	0 23	2 37	1 0	5 10	2 16	21 59	0 10	4 41	0 33	16 18	3 13	22 47	22 40	24 0	1 23	4 27	
S 26	18 39	6 30	5 6	15 19	1 44	8 16	3 20	3 57	0 22	2 32	1 0	5 10	2 16	21 59	0 10	4 41	0 33	16 19	3 13	22 47	22 39	24 1	1 24	4 26	
M27	18 24	1 8	4 51	14 45	1 38	8 5	3 36	4 15	0 21	2 28	1 0	5 10	2 17	21 59	0 10	4 40	0 33	16 19	3 13	22 46	22 39	24 2	1 24	4 26	
T 28	18 9	4s22	4 19	14 10	1 30	7 56	3 51	4 33	0 20	2 23	1 0	5 9	2 17	22 0	0 10	4 39	0 33	16 19	3 13	22 46	22 39	24 3	1 25	4 26	
W29	17 53	9 48	3 33	13 35	1 22	7 47	4 6	4 52	0 19	2 18	1 0	5 9	2 17	22 0	0 10	4 39	0 33	16 20	3 12	22 46	22 38	24 4	1 26	4 26	
T 30	17 37	14 52	2 33	13 0	1 13	7 39	4 22	5 10	0 17	2 13	1 0	5 9	2 17	22 0	0 10	4 38	0 33	16 20	3 12	22 46	22 38	24 5	1 27	4 25	
F 31	17s21	19s14	1n24	12s24	1s 3	7s32	4n37	5n28	0s16	2s 8	1s 0	5s 8	2n18	22s 1	0n10	4s37	0s33	16n20	3s12	22n46	22n38	24n 6	1n28	4n25	

Julian Day Number = 3057482.5, Delta T = 02h29m47s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'53, Lahiri = 47°06'53

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

FEBRUARY 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 47 34	11♒53'45	17♐32	1♓ 0	28°R10	15♈22	27♓ 6	18°R42	13♐13	19♓34	2°R18	18°R51	17♊18	27♊27	23♓28	S 1
S 2	8 51 31	12°54'51	2♑ 9	2° 5	27♒44	16° 7	27°18	18♎41	13°15	19°36	2♌17	18♊51	17°15	27°34	23°31	S 2
M 3	8 55 27	13°55'56	16°57	3° 4	27°16	16°51	27°31	18°41	13°17	19°38	2°16	18°48	17°12	27°40	23°34	M 3
T 4	8 59 24	14°57'01	1♒48	3°57	26°47	17°36	27°43	18°40	13°19	19°40	2°15	18°42	17° 8	27°47	23°37	T 4
W 5	9 3 20	15°58'07	16°35	4°42	26°16	18°20	27°56	18°39	13°22	19°42	2°14	18°34	17° 5	27°54	23°40	W 5
T 6	9 7 17	16°59'12	1♓ 9	5°19	25°43	19° 5	28° 8	18°38	13°24	19°44	2°12	18°25	17° 2	28° 0	23°44	T 6
F 7	9 11 13	18° 0'16	15°23	5°46	25° 9	19°49	28°21	18°37	13°26	19°46	2°11	18°14	16°59	28° 7	23°47	F 7
S 8	9 15 10	19° 1'21	29°12	6° 4	24°34	20°34	28°34	18°36	13°28	19°48	2°10	18° 5	16°56	28°14	23°50	S 8
S 9	9 19 6	20° 2'25	12♈34	6°R11	23°58	21°18	28°47	18°35	13°30	19°50	2° 9	17°57	16°53	28°20	23°54	S 9
M10	9 23 3	21° 3'28	25°30	6° 6	23°22	22° 3	29° 0	18°33	13°32	19°52	2° 8	17°51	16°49	28°27	23°57	M10
T 11	9 27 0	22° 4'31	8♉ 2	5°50	22°45	22°47	29°13	18°32	13°34	19°54	2° 7	17°48	16°46	28°34	24° 1	T 11
W12	9 30 56	23° 5'33	20°15	5°21	22° 8	23°32	29°26	18°30	13°36	19°56	2° 5	17°D47	16°43	28°40	24° 4	W12
T 13	9 34 53	24° 6'35	2♊14	4°42	21°32	24°16	29°39	18°28	13°38	19°58	2° 4	17°47	16°40	28°47	24° 8	T 13
F 14	9 38 49	25° 7'35	14° 3	3°52	20°55	25° 0	29°52	18°27	13°40	20° 0	2° 3	17°R48	16°37	28°53	24°11	F 14
S 15	9 42 46	26° 8'36	25°50	2°53	20°20	25°45	0♈ 5	18°25	13°41	20° 2	2° 2	17°47	16°34	29° 0	24°15	S 15
S 16	9 46 42	27° 9'35	7♋38	1°46	19°45	26°29	0°19	18°23	13°43	20° 4	2° 1	17°45	16°30	29° 7	24°18	S 16
M17	9 50 39	28°10'34	19°33	0°33	19°11	27°13	0°32	18°20	13°45	20° 6	2° 0	17°41	16°27	29°13	24°22	M17
T 18	9 54 35	29°11'32	1♌38	29♒17	18°39	27°58	0°45	18°18	13°46	20° 9	1°59	17°33	16°24	29°20	24°25	T 18
W19	9 58 32	0♓12'29	13°55	28° 0	18° 8	28°42	0°59	18°16	13°48	20°11	1°58	17°23	16°21	29°27	24°29	W19
T 20	10 2 29	1°13'25	26°25	26°44	17°40	29°26	1°12	18°13	13°49	20°13	1°57	17°11	16°18	29°33	24°33	T 20
F 21	10 6 25	2°14'21	9♍10	25°32	17°12	0♉10	1°26	18°11	13°51	20°15	1°56	16°58	16°14	29°40	24°36	F 21
S 22	10 10 22	3°15'16	22° 8	24°25	16°48	0°54	1°40	18° 8	13°52	20°17	1°55	16°45	16°11	29°47	24°40	S 22
S 23	10 14 18	4°16'10	5♎19	23°24	16°25	1°39	1°53	18° 6	13°53	20°20	1°54	16°33	16° 8	29°53	24°44	S 23
M24	10 18 15	5°17'04	18°40	22°31	16° 4	2°23	2° 7	18° 3	13°55	20°22	1°53	16°23	16° 5	29°59	24°47	M24
T 25	10 22 11	6°17'57	2♏11	21°46	15°46	3° 7	2°21	18° 0	13°56	20°24	1°52	16°17	16° 2	0♋ 7	24°51	T 25
W26	10 26 8	7°18'49	15°52	21°10	15°30	3°51	2°35	17°57	13°57	20°26	1°51	16°13	15°59	0°13	24°55	W26
T 27	10 30 4	8°19'41	29°42	20°43	15°17	4°35	2°48	17°54	13°58	20°28	1°50	16°11	15°55	0°20	24°59	T 27
F 28	10 34 1	9♓20'32	13♐40	20♒25	15♒ 6	5♉19	3♈ 2	17♎51	13♐59	20♓31	1♌49	16♊11	15♊52	0♋27	25♓ 2	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 4	22s32	0n 7	11s50	0s52	7s26	4n52	5n46	0s15	2s 3	1s 0	5s 8	2n18	22s 1	0n10	4s36	0s33	16n21	3s12	22n46	22n38	24n 7	1n29	4n25
S 2	16 47	24 23	1s11	11 15	0 40	7 20	5 7	6 4	0 14	1 59	1 0	5 7	2 18	22 1	0 10	4 36	0 33	16 21	3 12	22 46	22 37	24 8	1 30	4 25
M 3	16 30	24 34	2 25	10 42	0 27	7 15	5 22	6 22	0 13	1 54	1 0	5 7	2 19	22 1	0 10	4 35	0 33	16 21	3 12	22 46	22 37	24 9	1 31	4 25
T 4	16 12	22 59	3 29	10 10	0 13	7 12	5 36	6 40	0 12	1 49	0 59	5 6	2 19	22 2	0 10	4 34	0 33	16 22	3 12	22 45	22 37	24 10	1 32	4 24
W 5	15 55	19 51	4 19	9 40	0n 2	7 9	5 50	6 58	0 11	1 44	0 59	5 6	2 19	22 2	0 10	4 33	0 33	16 22	3 12	22 44	22 36	24 11	1 33	4 24
T 6	15 36	15 30	4 51	9 12	0 18	7 7	6 4	7 15	0 10	1 39	0 59	5 5	2 19	22 2	0 10	4 33	0 33	16 22	3 12	22 44	22 36	24 12	1 35	4 24
F 7	15 18	10 24	5 4	8 47	0 34	7 5	6 17	7 33	0 9	1 33	0 59	5 5	2 20	22 3	0 10	4 32	0 33	16 23	3 12	22 43	22 36	24 13	1 36	4 24
S 8	14 59	4 54	4 59	8 24	0 52	7 5	6 29	7 51	0 8	1 28	0 59	5 4	2 20	22 3	0 10	4 31	0 33	16 23	3 12	22 42	22 35	24 14	1 37	4 23
S 9	14 40	0n40	4 37	8 5	1 9	7 5	6 41	8 8	0 7	1 23	0 59	5 3	2 20	22 3	0 10	4 30	0 33	16 23	3 12	22 41	22 35	24 14	1 38	4 23
M10	14 21	6 1	4 2	7 50	1 28	7 7	6 52	8 26	0 6	1 18	0 59	5 2	2 20	22 3	0 10	4 29	0 33	16 24	3 12	22 41	22 35	24 15	1 39	4 23
T 11	14 2	10 58	3 16	7 39	1 46	7 8	7 2	8 43	0 5	1 13	0 59	5 2	2 21	22 4	0 10	4 29	0 33	16 24	3 11	22 40	22 35	24 16	1 40	4 23
W12	13 42	15 23	2 22	7 33	2 3	7 11	7 12	9 0	0 3	1 8	0 59	5 1	2 21	22 4	0 10	4 28	0 33	16 24	3 11	22 40	22 34	24 17	1 41	4 23
T 13	13 22	19 5	1 22	7 31	2 20	7 14	7 20	9 17	0 2	1 2	0 59	5 0	2 21	22 4	0 10	4 27	0 33	16 25	3 11	22 40	22 34	24 18	1 43	4 22
F 14	13 2	21 57	0 20	7 34	2 37	7 18	7 28	9 34	0 1	0 57	0 59	4 59	2 22	22 4	0 10	4 26	0 33	16 25	3 11	22 40	22 34	24 19	1 44	4 22
S 15	12 42	23 52	0n43	7 41	2 51	7 22	7 35	9 51	0 0	0 52	0 59	4 58	2 22	22 4	0 10	4 25	0 33	16 25	3 11	22 40	22 33	24 20	1 45	4 22
S 16	12 21	24 44	1 44	7 53	3 4	7 27	7 41	10 8	0n 1	0 47	0 59	4 57	2 22	22 5	0 10	4 25	0 33	16 26	3 11	22 40	22 33	24 21	1 46	4 22
M17	12 0	24 28	2 40	8 8	3 15	7 32	7 46	10 25	0 1	0 41	0 59	4 56	2 22	22 5	0 10	4 24	0 33	16 26	3 11	22 40	22 33	24 22	1 47	4 22
T 18	11 39	23 3	3 31	8 27	3 23	7 38	7 50	10 42	0 2	0 36	0 59	4 55	2 23	22 5	0 10	4 23	0 33	16 26	3 11	22 39	22 32	24 23	1 49	4 22
W19	11 18	20 31	4 12	8 48	3 29	7 44	7 54	10 58	0 3	0 31	0 58	4 54	2 23	22 5	0 10	4 22	0 33	16 27	3 11	22 38	22 32	24 24	1 50	4 21
T 20	10 57	17 1	4 42	9 10	3 32	7 50	7 56	11 15	0 4	0 25	0 58	4 53	2 23	22 5	0 10	4 21	0 33	16 27	3 11	22 37	22 32	24 25	1 51	4 21
F 21	10 35	12 40	4 58	9 33	3 33	7 56	7 57	11 31	0 5	0 20	0 58	4 51	2 23	22 6	0 10	4 20	0 33	16 27	3 11	22 36	22 31	24 25	1 53	4 21
S 22	10 13	7 41	4 59	9 57	3 31	8 3	7 58	11 47	0 6	0 14	0 58	4 50	2 24	22 6	0 10	4 19	0 33	16 28	3 11	22 34	22 31	24 26	1 54	4 21
S 23	9 51	2 17	4 45	10 20	3 27	8 9	7 58	12 3	0 7	0 9	0 58	4 49	2 24	22 6	0 10	4 19	0 33	16 28	3 10	22 33	22 31	24 27	1 55	4 21
M24	9 29	3s19	4 15	10 43	3 21	8 16	7 57	12 19	0 8	0 4	0 58	4 48	2 24	22 6	0 10	4 18	0 33	16 28	3 10	22 32	22 30	24 28	1 56	4 21
T 25	9 7	8 50	3 30	11 4	3 14	8 23	7 56	12 35	0 9	0n 2	0 58	4 46	2 24	22 6	0 10	4 17	0 33	16 29	3 10	22 32	22 30	24 29	1 58	4 20
W26	8 45	14 0	2 33	11 23	3 5	8 29	7 53	12 51	0 10	0 7	0 58	4 45	2 24	22 6	0 10	4 16	0 33	16 29	3 10	22 31	22 30	24 30	1 59	4 20
T 27	8 22	18 30	1 26	11 41	2 55	8 36	7 50	13 6	0 11	0 13	0 58	4 44	2 25	22 6	0 10	4 15	0 33	16 29	3 10	22 31	22 29	24 31	2 0	4 20
F 28	8s 0	22s 1	0n13	11s57	2n44	8s42	7n47	13n22	0n12	0n18	0s58	4s42	2n25	22s 7	0n10	4s14	0s33	16n30	3s10	22n31	22n29	24n31	2n 2	4n20

Julian Day Number = 3057513.5, Delta T = 02h29m47s
Ecliptic obliquity = 23°13'35, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 47°59'57, Lahiri = 47°06'58

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

MARCH 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 58	10♓21'23	27♐48	20°R14	14°R58	6♉ 3	3♈16	17°R48	14♐ 0	20♓33	1°R48	16°R11	15♊49	0♋33	25♓ 6	S 1
S 2	10 41 54	11°22'13	12♑ 3	20°D12	14♒52	6°47	3°30	17♎44	14° 1	20°35	1♌47	16♊ 9	15°46	0°40	25°10	S 2
M 3	10 45 51	12°23'03	26°25	20♒17	14°49	7°31	3°44	17°41	14° 2	20°37	1°46	16° 5	15°43	0°46	25°14	M 3
T 4	10 49 47	13°23'51	10♒50	20°29	14°D48	8°15	3°58	17°37	14° 3	20°40	1°45	15°58	15°40	0°53	25°18	T 4
W 5	10 53 44	14°24'39	25°11	20°48	14°50	8°59	4°13	17°34	14° 4	20°42	1°44	15°48	15°36	1° 0	25°22	W 5
T 6	10 57 40	15°25'26	9♓25	21°13	14°54	9°43	4°27	17°30	14° 4	20°44	1°43	15°36	15°33	1° 6	25°25	T 6
F 7	11 1 37	16°26'11	23°24	21°43	15° 0	10°27	4°41	17°27	14° 5	20°47	1°42	15°23	15°30	1°13	25°29	F 7
S 8	11 5 33	17°26'55	7♈ 4	22°18	15° 9	11°10	4°55	17°23	14° 6	20°49	1°42	15°10	15°27	1°20	25°33	S 8
S 9	11 9 30	18°27'38	20°22	22°57	15°20	11°54	5° 9	17°19	14° 6	20°51	1°41	14°59	15°24	1°26	25°37	S 9
M10	11 13 27	19°28'20	3♉16	23°41	15°33	12°38	5°24	17°15	14° 7	20°53	1°40	14°51	15°20	1°33	25°41	M10
T 11	11 17 23	20°29'00	15°50	24°29	15°48	13°22	5°38	17°11	14° 7	20°56	1°39	14°46	15°17	1°40	25°45	T 11
W12	11 21 20	21°29'39	28° 4	25°21	16° 5	14° 5	5°52	17° 7	14° 8	20°58	1°39	14°43	15°14	1°46	25°49	W12
T 13	11 25 16	22°30'16	10♊ 4	26°15	16°24	14°49	6° 7	17° 3	14° 8	21° 0	1°38	14°42	15°11	1°53	25°53	T 13
F 14	11 29 13	23°30'52	21°56	27°13	16°45	15°33	6°21	16°59	14° 8	21° 2	1°37	14°42	15° 8	2° 0	25°56	F 14
S 15	11 33 9	24°31'26	3♋43	28°13	17° 7	16°16	6°35	16°55	14° 9	21° 5	1°36	14°42	15° 5	2° 6	26° 0	S 15
S 16	11 37 6	25°31'58	15°33	29°16	17°32	17° 0	6°50	16°50	14° 9	21° 7	1°36	14°40	15° 1	2°13	26° 4	S 16
M17	11 41 2	26°32'29	27°30	0♓22	17°58	17°43	7° 4	16°46	14° 9	21° 9	1°35	14°36	14°58	2°20	26° 8	M17
T 18	11 44 59	27°32'58	9♌39	1°29	18°26	18°27	7°19	16°42	14° 9	21°12	1°34	14°30	14°55	2°26	26°12	T 18
W19	11 48 55	28°33'25	22° 4	2°39	18°56	19°10	7°33	16°37	14°R 9	21°14	1°34	14°21	14°52	2°33	26°16	W19
T 20	11 52 52	29°33'51	4♍46	3°51	19°27	19°54	7°48	16°33	14° 9	21°16	1°33	14° 9	14°49	2°40	26°20	T 20
F 21	11 56 49	0♈34'15	17°47	5° 4	19°59	20°37	8° 2	16°28	14° 9	21°18	1°33	13°57	14°45	2°46	26°24	F 21
S 22	12 0 45	1°34'38	1♎ 6	6°19	20°33	21°20	8°17	16°24	14° 9	21°21	1°32	13°44	14°42	2°53	26°28	S 22
S 23	12 4 42	2°34'59	14°41	7°36	21° 9	22° 4	8°31	16°19	14° 8	21°23	1°32	13°33	14°39	2°59	26°31	S 23
M24	12 8 38	3°35'18	28°28	8°55	21°45	22°47	8°46	16°15	14° 8	21°25	1°31	13°24	14°36	3° 6	26°35	M24
T 25	12 12 35	4°35'36	12♏24	10°15	22°23	23°30	9° 0	16°10	14° 8	21°27	1°31	13°17	14°33	3°13	26°39	T 25
W26	12 16 31	5°35'53	26°26	11°36	23° 2	24°13	9°15	16° 5	14° 7	21°30	1°30	13°14	14°30	3°19	26°43	W26
T 27	12 20 28	6°36'08	10♐32	12°59	23°43	24°57	9°29	16° 1	14° 7	21°32	1°30	13°D13	14°26	3°26	26°47	T 27
F 28	12 24 24	7°36'22	24°38	14°23	24°24	25°40	9°44	15°56	14° 7	21°34	1°29	13°13	14°23	3°33	26°51	F 28
S 29	12 28 21	8°36'35	8♑44	15°48	25° 7	26°23	9°58	15°51	14° 6	21°36	1°29	13°R13	14°20	3°39	26°55	S 29
S 30	12 32 18	9°36'46	22°50	17°14	25°50	27° 6	10°13	15°47	14° 6	21°38	1°29	13°13	14°17	3°46	26°58	S 30
M31	12 36 14	10♈36'56	6♒54	18♓42	26♒35	27♉49	10♈28	15♎42	14♐ 5	21♓41	1♌28	13♊10	14♊14	3♋53	27♓ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s37	24s14	1s 1	12s11	2n33	8s49	7n43	13n37	0n13	0n24	0s58	4s41	2n25	22s 7	0n10	4s13	0s33	16n30	3s10	22n31	22n29	24n32	2n 3	4n20
S 2	7 14	24 53	2 12	12 23	2 21	8 55	7 38	13 52	0 13	0 30	0 58	4 39	2 25	22 7	0 10	4 13	0 33	16 30	3 10	22 31	22 28	24 33	2 5	4 20
M 3	6 51	23 53	3 15	12 33	2 9	9 0	7 33	14 7	0 14	0 35	0 58	4 38	2 26	22 7	0 10	4 12	0 33	16 30	3 10	22 30	22 28	24 34	2 6	4 20
T 4	6 28	21 19	4 6	12 41	1 57	9 6	7 28	14 22	0 15	0 41	0 58	4 37	2 26	22 7	0 10	4 11	0 33	16 31	3 9	22 30	22 28	24 35	2 7	4 20
W 5	6 5	17 26	4 41	12 47	1 45	9 11	7 22	14 37	0 16	0 46	0 58	4 35	2 26	22 7	0 10	4 10	0 33	16 31	3 9	22 29	22 27	24 36	2 9	4 19
T 6	5 42	12 35	4 58	12 51	1 32	9 16	7 16	14 52	0 17	0 52	0 58	4 33	2 26	22 7	0 10	4 9	0 33	16 31	3 9	22 27	22 27	24 36	2 10	4 19
F 7	5 18	7 9	4 57	12 53	1 20	9 20	7 9	15 6	0 18	0 57	0 58	4 32	2 26	22 7	0 10	4 8	0 33	16 32	3 9	22 26	22 27	24 37	2 12	4 19
S 8	4 55	1 30	4 39	12 53	1 8	9 25	7 2	15 20	0 18	1 3	0 58	4 30	2 27	22 7	0 10	4 7	0 33	16 32	3 9	22 25	22 26	24 38	2 13	4 19
S 9	4 32	4n 5	4 6	12 51	0 56	9 28	6 55	15 35	0 19	1 9	0 58	4 29	2 27	22 7	0 10	4 6	0 33	16 32	3 9	22 23	22 26	24 39	2 14	4 19
M10	4 8	9 21	3 20	12 48	0 45	9 32	6 48	15 49	0 20	1 14	0 58	4 27	2 27	22 7	0 10	4 6	0 33	16 32	3 9	22 22	22 26	24 39	2 16	4 19
T 11	3 44	14 5	2 27	12 43	0 33	9 35	6 40	16 2	0 21	1 20	0 58	4 25	2 27	22 8	0 10	4 5	0 33	16 33	3 9	22 22	22 25	24 40	2 17	4 19
W12	3 21	18 8	1 27	12 37	0 22	9 37	6 32	16 16	0 22	1 25	0 58	4 24	2 27	22 8	0 10	4 4	0 33	16 33	3 9	22 22	22 25	24 41	2 19	4 19
T 13	2 57	21 21	0 25	12 29	0 11	9 39	6 25	16 30	0 22	1 31	0 58	4 22	2 27	22 8	0 10	4 3	0 33	16 33	3 8	22 21	22 25	24 42	2 20	4 19
F 14	2 33	23 37	0n38	12 19	0 1	9 41	6 16	16 43	0 23	1 37	0 58	4 20	2 28	22 8	0 10	4 2	0 33	16 34	3 8	22 21	22 24	24 42	2 22	4 19
S 15	2 9	24 50	1 39	12 8	0s 9	9 42	6 8	16 56	0 24	1 42	0 58	4 19	2 28	22 8	0 10	4 1	0 33	16 34	3 8	22 21	22 24	24 43	2 23	4 18
S 16	1 46	24 55	2 36	11 55	0 19	9 43	6 0	17 9	0 25	1 48	0 58	4 17	2 28	22 8	0 10	4 0	0 33	16 34	3 8	22 21	22 24	24 44	2 25	4 18
M17	1 22	23 51	3 26	11 41	0 28	9 43	5 52	17 22	0 25	1 54	0 58	4 15	2 28	22 8	0 10	3 59	0 33	16 34	3 8	22 21	22 23	24 45	2 26	4 18
T 18	0 58	21 40	4 8	11 26	0 37	9 43	5 43	17 35	0 26	1 59	0 58	4 13	2 28	22 8	0 10	3 58	0 33	16 35	3 8	22 20	22 23	24 45	2 28	4 18
W19	0 34	18 26	4 39	11 9	0 46	9 42	5 35	17 48	0 27	2 5	0 58	4 11	2 28	22 8	0 10	3 58	0 33	16 35	3 8	22 19	22 23	24 46	2 29	4 18
T 20	0 10	14 17	4 57	10 51	0 54	9 41	5 26	18 0	0 28	2 11	0 58	4 10	2 28	22 8	0 10	3 57	0 33	16 35	3 8	22 18	22 22	24 47	2 31	4 18
F 21	0n14	9 24	5 1	10 32	1 2	9 39	5 17	18 12	0 28	2 16	0 58	4 8	2 29	22 8	0 10	3 56	0 33	16 35	3 8	22 16	22 22	24 48	2 32	4 18
S 22	0 37	3 58	4 48	10 12	1 10	9 37	5 9	18 24	0 29	2 22	0 58	4 6	2 29	22 8	0 10	3 55	0 33	16 36	3 7	22 15	22 22	24 48	2 33	4 18
S 23	1 1	1s45	4 19	9 50	1 17	9 34	5 0	18 36	0 30	2 28	0 58	4 4	2 29	22 8	0 10	3 54	0 33	16 36	3 7	22 13	22 21	24 49	2 35	4 18
M24	1 25	7 30	3 34	9 27	1 24	9 31	4 52	18 48	0 30	2 33	0 58	4 2	2 29	22 8	0 10	3 53	0 33	16 36	3 7	22 12	22 21	24 50	2 36	4 18
T 25	1 49	12 57	2 36	9 3	1 30	9 28	4 43	18 59	0 31	2 39	0 58	4 0	2 29	22 8	0 10	3 52	0 34	16 36	3 7	22 12	22 20	24 50	2 38	4 18
W26	2 12	17 45	1 28	8 38	1 36	9 23	4 34	19 10	0 32	2 45	0 58	3 59	2 29	22 8	0 10	3 52	0 34	16 36	3 7	22 11	22 20	24 51	2 39	4 18
T 27	2 36	21 35	0 14	8 12	1 42	9 19	4 26	19 21	0 32	2 50	0 58	3 57	2 29	22 8	0 10	3 51	0 34	16 37	3 7	22 11	22 20	24 52	2 41	4 18
F 28	3 0	24 8	1s 0	7 45	1 47	9 13	4 17	19 32	0 33	2 56	0 58	3 55	2 29	22 7	0 10	3 50	0 34	16 37	3 7	22 11	22 19	24 52	2 42	4 18
S 29	3 23	25 8	2 12	7 16	1 52	9 8	4 9	19 43	0 34	3 2	0 58	3 53	2 29	22 7	0 10	3 49	0 34	16 37	3 7	22 11	22 19	24 53	2 44	4 18
S 30	3 47	24 31	3 15	6 47	1 56	9 1	4 0	19 54	0 34	3 7	0 58	3 51	2 29	22 7	0 10	3 48	0 34	16 37	3 6	22 11	22 19	24 54	2 45	4 18
M31	4n10	22s21	4s 6	6s17	2s 1	8s54	3n52	20n 4	0n35	3n13	0s58	3s49	2n30	22s 7	0n10	3s47	0s34	16n37	3s 6	22n11	22n18	24n54	2n47	4n18

Julian Day Number = 3057541.5, Delta T = 02h29m48s
Ecliptic obliquity = 23°13'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'01, Lahiri = 47°07'01

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

APRIL 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 11	11♈37'05	20♒54	20♓11	27♒20	28♉32	10♈42	15°R37	14°R 4	21♓43	1°R28	13°R 5	14♊11	3♋59	27♓ 6	T 1
W 2	12 44 7	12°37'12	4♓48	21°42	28° 7	29°15	10°57	15♎32	14♐ 3	21°45	1♌28	12♊57	14° 7	4° 6	27°10	W 2
T 3	12 48 4	13°37'17	18°34	23°13	28°54	29°58	11°11	15°27	14° 3	21°47	1°27	12°47	14° 4	4°13	27°14	T 3
F 4	12 52 0	14°37'21	2♈ 7	24°46	29°42	0♊41	11°26	15°23	14° 2	21°49	1°27	12°37	14° 1	4°19	27°17	F 4
S 5	12 55 57	15°37'23	15°26	26°19	0♓31	1°23	11°40	15°18	14° 1	21°51	1°27	12°27	13°58	4°26	27°21	S 5
S 6	12 59 53	16°37'23	28°28	27°54	1°21	2° 6	11°55	15°13	14° 0	21°53	1°27	12°18	13°55	4°33	27°25	S 6
M 7	13 3 50	17°37'21	11♉13	29°30	2°11	2°49	12° 9	15° 8	13°59	21°56	1°27	12°11	13°51	4°39	27°28	M 7
T 8	13 7 46	18°37'17	23°40	1♈ 8	3° 2	3°32	12°24	15° 3	13°58	21°58	1°26	12° 7	13°48	4°46	27°32	T 8
W 9	13 11 43	19°37'12	5♊52	2°46	3°54	4°14	12°38	14°59	13°57	22° 0	1°26	12° 5	13°45	4°53	27°36	W 9
T 10	13 15 40	20°37'04	17°51	4°26	4°47	4°57	12°53	14°54	13°56	22° 2	1°26	12°D 5	13°42	4°59	27°39	T 10
F 11	13 19 36	21°36'55	29°43	6° 7	5°40	5°40	13° 7	14°49	13°55	22° 4	1°26	12° 6	13°39	5° 6	27°43	F 11
S 12	13 23 33	22°36'43	11♋31	7°49	6°34	6°22	13°22	14°44	13°53	22° 6	1°26	12° 7	13°36	5°13	27°47	S 12
S 13	13 27 29	23°36'29	23°21	9°32	7°28	7° 5	13°36	14°40	13°52	22° 8	1°26	12°R 8	13°32	5°19	27°50	S 13
M14	13 31 26	24°36'13	5♌19	11°16	8°23	7°47	13°51	14°35	13°51	22°10	1°D26	12° 7	13°29	5°26	27°54	M14
T 15	13 35 22	25°35'55	17°29	13° 2	9°18	8°30	14° 5	14°30	13°49	22°12	1°26	12° 5	13°26	5°33	27°57	T 15
W16	13 39 19	26°35'35	29°55	14°49	10°14	9°12	14°20	14°26	13°48	22°14	1°26	12° 0	13°23	5°39	28° 1	W16
T 17	13 43 15	27°35'12	12♍42	16°37	11°11	9°54	14°34	14°21	13°47	22°16	1°26	11°54	13°20	5°46	28° 4	T 17
F 18	13 47 12	28°34'48	25°52	18°27	12° 8	10°37	14°48	14°17	13°45	22°18	1°26	11°47	13°17	5°52	28° 8	F 18
S 19	13 51 9	29°34'21	9♎24	20°17	13° 5	11°19	15° 3	14°12	13°43	22°20	1°26	11°40	13°13	5°59	28°11	S 19
S 20	13 55 5	0♉33'52	23°17	22° 9	14° 3	12° 1	15°17	14° 7	13°42	22°22	1°26	11°33	13°10	6° 6	28°15	S 20
M21	13 59 2	1°33'21	7♏27	24° 3	15° 1	12°43	15°31	14° 3	13°40	22°23	1°26	11°28	13° 7	6°12	28°18	M21
T 22	14 2 58	2°32'49	21°50	25°57	16° 0	13°26	15°46	13°59	13°39	22°25	1°27	11°24	13° 4	6°19	28°22	T 22
W23	14 6 55	3°32'14	6♐19	27°53	16°59	14° 8	16° 0	13°54	13°37	22°27	1°27	11°D23	13° 1	6°26	28°25	W23
T 24	14 10 51	4°31'38	20°50	29°50	17°59	14°50	16°14	13°50	13°35	22°29	1°27	11°23	12°57	6°32	28°28	T 24
F 25	14 14 48	5°31'00	5♑17	1♉49	18°59	15°32	16°28	13°46	13°33	22°31	1°27	11°24	12°54	6°39	28°32	F 25
S 26	14 18 44	6°30'21	19°36	3°48	19°59	16°14	16°42	13°41	13°32	22°33	1°28	11°26	12°51	6°46	28°35	S 26
S 27	14 22 41	7°29'40	3♒46	5°49	21° 0	16°56	16°56	13°37	13°30	22°34	1°28	11°R27	12°48	6°52	28°38	S 27
M28	14 26 38	8°28'57	17°45	7°51	22° 1	17°38	17°11	13°33	13°28	22°36	1°28	11°26	12°45	6°59	28°41	M28
T 29	14 30 34	9°28'12	1♓32	9°53	23° 2	18°20	17°25	13°29	13°26	22°38	1°29	11°25	12°42	7° 6	28°44	T 29
W30	14 34 31	10♉27'26	15♓ 6	11♉57	24♓ 4	19♊ 1	17♈39	13♎25	13♐24	22♓39	1♌29	11♊21	12♊38	7♋12	28♓48	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n33	18s51	4s42	5s46	2s 4	8s47	3n43	20n14	0n36	3n18	0s58	3s47	2n30	22s 7	0n10	3s46	0s34	16n38	3s 6	22n10	22n18	24n55	2n48	4n18
W 2	4 57	14 20	5 1	5 13	2 8	8 39	3 35	20 24	0 36	3 24	0 58	3 45	2 30	22 7	0 10	3 46	0 34	16 38	3 6	22 9	22 18	24 56	2 50	4 18
T 3	5 20	9 8	5 3	4 40	2 11	8 31	3 27	20 34	0 37	3 30	0 58	3 44	2 30	22 7	0 10	3 45	0 34	16 38	3 6	22 8	22 17	24 56	2 51	4 18
F 4	5 43	3 33	4 47	4 6	2 13	8 22	3 18	20 43	0 37	3 35	0 58	3 42	2 30	22 7	0 10	3 44	0 34	16 38	3 6	22 6	22 17	24 57	2 53	4 18
S 5	6 6	2n 5	4 16	3 31	2 15	8 13	3 10	20 53	0 38	3 41	0 58	3 40	2 30	22 7	0 10	3 43	0 34	16 38	3 6	22 5	22 16	24 57	2 54	4 18
S 6	6 29	7 32	3 32	2 55	2 17	8 3	3 2	21 2	0 39	3 46	0 58	3 38	2 30	22 7	0 10	3 42	0 34	16 39	3 6	22 4	22 16	24 58	2 56	4 18
M 7	6 51	12 33	2 38	2 18	2 18	7 53	2 54	21 11	0 39	3 52	0 58	3 36	2 30	22 7	0 10	3 42	0 34	16 39	3 5	22 3	22 16	24 59	2 57	4 18
T 8	7 14	16 57	1 37	1 41	2 19	7 43	2 46	21 19	0 40	3 58	0 58	3 34	2 30	22 6	0 10	3 41	0 34	16 39	3 5	22 3	22 15	24 59	2 59	4 18
W 9	7 37	20 33	0 33	1 2	2 19	7 32	2 38	21 28	0 40	4 3	0 58	3 32	2 30	22 6	0 10	3 40	0 34	16 39	3 5	22 2	22 15	25 0	3 0	4 18
T 10	7 59	23 12	0n31	0 23	2 19	7 20	2 31	21 36	0 41	4 9	0 58	3 31	2 30	22 6	0 10	3 39	0 34	16 39	3 5	22 2	22 15	25 0	3 2	4 18
F 11	8 21	24 47	1 34	0n17	2 19	7 8	2 23	21 44	0 41	4 14	0 58	3 29	2 30	22 6	0 10	3 38	0 34	16 39	3 5	22 3	22 14	25 1	3 3	4 18
S 12	8 43	25 15	2 32	0 58	2 18	6 56	2 15	21 52	0 42	4 20	0 58	3 27	2 30	22 6	0 10	3 38	0 34	16 39	3 5	22 3	22 14	25 1	3 5	4 18
S 13	9 5	24 35	3 24	1 39	2 16	6 43	2 8	22 0	0 43	4 25	0 59	3 25	2 30	22 6	0 10	3 37	0 34	16 40	3 5	22 3	22 13	25 2	3 6	4 18
M14	9 27	22 47	4 8	2 21	2 14	6 30	2 0	22 7	0 43	4 31	0 59	3 23	2 30	22 6	0 10	3 36	0 34	16 40	3 5	22 3	22 13	25 3	3 7	4 18
T 15	9 49	19 55	4 41	3 4	2 12	6 16	1 53	22 15	0 44	4 36	0 59	3 22	2 30	22 5	0 10	3 35	0 34	16 40	3 4	22 2	22 13	25 3	3 9	4 18
W16	10 10	16 7	5 2	3 48	2 9	6 2	1 46	22 22	0 44	4 42	0 59	3 20	2 30	22 5	0 10	3 34	0 34	16 40	3 4	22 2	22 12	25 4	3 10	4 18
T 17	10 31	11 29	5 9	4 32	2 6	5 47	1 38	22 28	0 45	4 47	0 59	3 18	2 30	22 5	0 10	3 34	0 34	16 40	3 4	22 1	22 12	25 4	3 12	4 18
F 18	10 52	6 13	5 0	5 17	2 2	5 32	1 31	22 35	0 45	4 53	0 59	3 16	2 30	22 5	0 10	3 33	0 34	16 40	3 4	22 0	22 11	25 5	3 13	4 18
S 19	11 13	0 31	4 34	6 2	1 58	5 17	1 24	22 41	0 46	4 58	0 59	3 15	2 30	22 5	0 10	3 32	0 34	16 40	3 4	21 59	22 11	25 5	3 15	4 18
S 20	11 34	5s23	3 51	6 48	1 53	5 2	1 17	22 48	0 46	5 4	0 59	3 13	2 30	22 5	0 10	3 32	0 34	16 40	3 4	21 58	22 11	25 6	3 16	4 18
M21	11 55	11 8	2 54	7 34	1 48	4 46	1 11	22 54	0 47	5 9	0 59	3 11	2 30	22 4	0 10	3 31	0 34	16 40	3 4	21 57	22 10	25 6	3 17	4 18
T 22	12 15	16 23	1 44	8 21	1 42	4 29	1 4	22 59	0 47	5 14	0 59	3 10	2 30	22 4	0 10	3 30	0 34	16 41	3 3	21 57	22 10	25 7	3 19	4 18
W23	12 35	20 43	0 28	9 8	1 36	4 13	0 57	23 5	0 48	5 20	0 59	3 8	2 30	22 4	0 10	3 29	0 34	16 41	3 3	21 57	22 9	25 7	3 20	4 19
T 24	12 55	23 46	0s51	9 55	1 29	3 56	0 51	23 10	0 48	5 25	0 59	3 6	2 30	22 4	0 10	3 29	0 34	16 41	3 3	21 57	22 9	25 8	3 21	4 19
F 25	13 15	25 14	2 7	10 43	1 22	3 38	0 45	23 15	0 48	5 30	0 59	3 5	2 30	22 4	0 10	3 28	0 34	16 41	3 3	21 57	22 9	25 8	3 23	4 19
S 26	13 34	25 0	3 13	11 30	1 14	3 21	0 38	23 20	0 49	5 36	0 59	3 3	2 29	22 3	0 10	3 27	0 34	16 41	3 3	21 57	22 8	25 9	3 24	4 19
S 27	13 53	23 9	4 8	12 18	1 6	3 3	0 32	23 25	0 49	5 41	0 59	3 2	2 29	22 3	0 10	3 27	0 34	16 41	3 3	21 57	22 8	25 9	3 26	4 19
M28	14 12	19 55	4 46	13 6	0 58	2 44	0 26	23 29	0 50	5 46	1 0	3 0	2 29	22 3	0 10	3 26	0 34	16 41	3 3	21 57	22 7	25 10	3 27	4 19
T 29	14 31	15 38	5 8	13 53	0 49	2 26	0 20	23 33	0 50	5 51	1 0	2 59	2 29	22 3	0 10	3 25	0 34	16 41	3 3	21 57	22 7	25 10	3 28	4 19
W30	14n50	10s37	5s12	14n40	0s39	2s 7	0n14	23n37	0n51	5n57	1s 0	2s57	2n29	22s 2	0n10	3s25	0s34	16n41	3s 2	21n57	22n 7	25n10	3n29	4n19

Julian Day Number = 3057572.5, Delta T = 02h29m49s
Ecliptic obliquity = 23°13'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'05, Lahiri = 47°07'06

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

MAY 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 27	11♉26'38	28♓27	14♉ 1	25♓ 6	19♊43	17♈53	13°R21	13°R22	22♓41	1♌29	11°R17	12♊35	7♋19	28♓51	T 1
F 2	14 42 24	12°25'48	11♈35	16° 5	26° 8	20°25	18° 6	13♎17	13♐20	22°43	1°30	11♊12	12°32	7°26	28°54	F 2
S 3	14 46 20	13°24'57	24°30	18°10	27°11	21° 7	18°20	13°13	13°18	22°44	1°30	11° 8	12°29	7°32	28°57	S 3
S 4	14 50 17	14°24'03	7♉11	20°15	28°14	21°48	18°34	13° 9	13°16	22°46	1°31	11° 4	12°26	7°39	29° 0	S 4
M 5	14 54 13	15°23'08	19°39	22°20	29°17	22°30	18°48	13° 6	13°14	22°48	1°31	11° 1	12°22	7°46	29° 3	M 5
T 6	14 58 10	16°22'11	1♊54	24°25	0♈20	23°12	19° 2	13° 2	13°11	22°49	1°31	10°59	12°19	7°52	29° 6	T 6
W 7	15 2 7	17°21'12	13°59	26°28	1°24	23°53	19°15	12°59	13° 9	22°51	1°32	10°D59	12°16	7°59	29° 8	W 7
T 8	15 6 3	18°20'11	25°55	28°31	2°28	24°35	19°29	12°55	13° 7	22°52	1°33	11° 0	12°13	8° 6	29°11	T 8
F 9	15 10 0	19°19'07	7♋45	0♊32	3°32	25°16	19°43	12°52	13° 5	22°54	1°33	11° 1	12°10	8°12	29°14	F 9
S 10	15 13 56	20°18'02	19°33	2°31	4°36	25°58	19°56	12°48	13° 3	22°55	1°34	11° 3	12° 7	8°19	29°17	S 10
S 11	15 17 53	21°16'54	1♌24	4°28	5°41	26°39	20°10	12°45	13° 0	22°56	1°34	11° 4	12° 3	8°26	29°20	S 11
M12	15 21 49	22°15'45	13°21	6°22	6°45	27°21	20°23	12°42	12°58	22°58	1°35	11° 5	12° 0	8°32	29°22	M12
T 13	15 25 46	23°14'33	25°29	8°14	7°50	28° 2	20°37	12°39	12°56	22°59	1°36	11°R 6	11°57	8°39	29°25	T 13
W14	15 29 42	24°13'19	7♍54	10° 2	8°55	28°43	20°50	12°36	12°53	23° 1	1°36	11° 5	11°54	8°46	29°27	W14
T 15	15 33 39	25°12'02	20°39	11°48	10° 1	29°25	21° 3	12°33	12°51	23° 2	1°37	11° 4	11°51	8°52	29°30	T 15
F 16	15 37 36	26°10'44	3♎48	13°29	11° 6	0♋ 6	21°17	12°30	12°49	23° 3	1°38	11° 2	11°48	8°59	29°33	F 16
S 17	15 41 32	27° 9'23	17°22	15° 7	12°12	0°47	21°30	12°28	12°46	23° 4	1°38	11° 0	11°44	9° 6	29°35	S 17
S 18	15 45 29	28° 8'00	1♏22	16°40	13°18	1°28	21°43	12°25	12°44	23° 6	1°39	10°58	11°41	9°12	29°37	S 18
M19	15 49 25	29° 6'36	15°44	18° 9	14°24	2° 9	21°56	12°22	12°41	23° 7	1°40	10°57	11°38	9°19	29°40	M19
T 20	15 53 22	0♊ 5'09	0♐25	19°34	15°30	2°50	22° 9	12°20	12°39	23° 8	1°41	10°56	11°35	9°26	29°42	T 20
W21	15 57 18	1° 3'41	15°17	20°54	16°36	3°31	22°22	12°18	12°36	23° 9	1°42	10°D56	11°32	9°32	29°44	W21
T 22	16 1 15	2° 2'11	0♑13	22°10	17°43	4°12	22°35	12°15	12°34	23°10	1°42	10°57	11°28	9°39	29°47	T 22
F 23	16 5 11	3° 0'40	15° 4	23°21	18°49	4°53	22°48	12°13	12°31	23°11	1°43	10°57	11°25	9°46	29°49	F 23
S 24	16 9 8	3°59'07	29°45	24°27	19°56	5°34	23° 0	12°11	12°29	23°12	1°44	10°58	11°22	9°52	29°51	S 24
S 25	16 13 5	4°57'32	14♒10	25°28	21° 3	6°15	23°13	12° 9	12°26	23°13	1°45	10°58	11°19	9°59	29°53	S 25
M26	16 17 1	5°55'56	28°16	26°24	22°10	6°56	23°26	12° 7	12°24	23°14	1°46	10°59	11°16	10° 6	29°55	M26
T 27	16 20 58	6°54'18	12♓ 2	27°14	23°17	7°37	23°38	12° 6	12°21	23°15	1°47	10°R59	11°13	10°12	29°57	T 27
W28	16 24 54	7°52'39	25°27	28° 0	24°25	8°17	23°50	12° 4	12°19	23°16	1°48	10°59	11° 9	10°19	29°59	W28
T 29	16 28 51	8°50'58	8♈34	28°41	25°32	8°58	24° 3	12° 2	12°16	23°17	1°49	10°58	11° 6	10°26	0♈ 1	T 29
F 30	16 32 47	9°49'16	21°24	29°16	26°40	9°39	24°15	12° 1	12°14	23°18	1°50	10°58	11° 3	10°32	0° 3	F 30
S 31	16 36 44	10♊47'33	3♉59	29♊46	27♈48	10♋19	24♈27	11♎59	12♐11	23♓19	1♌51	10°D58	11♊ 0	10♋39	0♈ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 8	5s11	4s59	15n26	0s29	1s48	0n 9	23n41	0n51	6n 2	1s 0	2s56	2n29	22s 2	0n10	3s24	0s34	16n41	3s 2	21n56	22n 6	25n11	3n31	4n19
F 2	15 26	0n24	4 30	16 12	0 19	1 28	0 3	23 44	0 52	6 7	1 0	2 55	2 29	22 2	0 10	3 24	0 34	16 41	3 2	21 55	22 6	25 11	3 32	4 19
S 3	15 44	5 52	3 48	16 57	0 9	1 9	0s 2	23 48	0 52	6 12	1 0	2 53	2 29	22 2	0 10	3 23	0 34	16 41	3 2	21 55	22 5	25 12	3 33	4 19
S 4	16 1	11 2	2 55	17 41	0n 2	0 49	0 8	23 51	0 52	6 17	1 0	2 52	2 29	22 2	0 10	3 22	0 34	16 41	3 2	21 54	22 5	25 12	3 35	4 19
M 5	16 18	15 39	1 55	18 24	0 13	0 29	0 13	23 54	0 53	6 22	1 0	2 50	2 29	22 1	0 10	3 22	0 34	16 41	3 2	21 54	22 5	25 13	3 36	4 20
T 6	16 35	19 33	0 50	19 5	0 24	0 9	0 18	23 56	0 53	6 27	1 0	2 49	2 28	22 1	0 10	3 21	0 34	16 41	3 2	21 54	22 4	25 13	3 37	4 20
W 7	16 52	22 33	0n17	19 45	0 35	0n12	0 23	23 59	0 54	6 33	1 0	2 48	2 28	22 1	0 10	3 21	0 34	16 41	3 2	21 53	22 4	25 13	3 38	4 20
T 8	17 8	24 31	1 21	20 23	0 45	0 33	0 28	24 1	0 54	6 38	1 0	2 47	2 28	22 0	0 10	3 20	0 34	16 41	3 1	21 54	22 3	25 14	3 40	4 20
F 9	17 24	25 22	2 22	21 0	0 56	0 53	0 33	24 3	0 54	6 43	1 1	2 46	2 28	22 0	0 10	3 19	0 34	16 41	3 1	21 54	22 3	25 14	3 41	4 20
S 10	17 40	25 4	3 17	21 34	1 7	1 14	0 37	24 5	0 55	6 48	1 1	2 44	2 28	22 0	0 10	3 19	0 34	16 41	3 1	21 54	22 3	25 14	3 42	4 20
S 11	17 55	23 38	4 4	22 7	1 17	1 36	0 42	24 6	0 55	6 52	1 1	2 43	2 28	22 0	0 10	3 18	0 34	16 41	3 1	21 54	22 2	25 15	3 43	4 20
M12	18 10	21 8	4 40	22 37	1 27	1 57	0 46	24 7	0 55	6 57	1 1	2 42	2 28	21 59	0 10	3 18	0 34	16 41	3 1	21 54	22 2	25 15	3 44	4 20
T 13	18 25	17 42	5 5	23 5	1 37	2 18	0 51	24 8	0 56	7 2	1 1	2 41	2 28	21 59	0 10	3 17	0 34	16 41	3 1	21 54	22 1	25 16	3 46	4 21
W14	18 40	13 25	5 16	23 30	1 46	2 40	0 55	24 9	0 56	7 7	1 1	2 40	2 27	21 59	0 10	3 17	0 35	16 41	3 1	21 54	22 1	25 16	3 47	4 21
T 15	18 54	8 27	5 12	23 53	1 54	3 2	0 59	24 10	0 56	7 12	1 1	2 39	2 27	21 59	0 10	3 16	0 35	16 41	3 1	21 54	22 0	25 16	3 48	4 21
F 16	19 8	2 58	4 52	24 14	2 2	3 23	1 3	24 10	0 57	7 17	1 1	2 38	2 27	21 58	0 10	3 16	0 35	16 41	3 0	21 54	22 0	25 17	3 49	4 21
S 17	19 21	2s50	4 15	24 33	2 9	3 45	1 7	24 11	0 57	7 22	1 1	2 37	2 27	21 58	0 10	3 15	0 35	16 41	3 0	21 54	22 0	25 17	3 50	4 21
S 18	19 34	8 41	3 22	24 49	2 15	4 7	1 11	24 11	0 57	7 26	1 1	2 36	2 27	21 58	0 10	3 15	0 35	16 41	3 0	21 53	21 59	25 17	3 51	4 21
M19	19 47	14 15	2 15	25 3	2 21	4 29	1 14	24 10	0 58	7 31	1 2	2 36	2 27	21 57	0 10	3 15	0 35	16 41	3 0	21 53	21 59	25 18	3 52	4 21
T 20	19 59	19 7	0 58	25 14	2 25	4 51	1 18	24 10	0 58	7 36	1 2	2 35	2 26	21 57	0 10	3 14	0 35	16 41	3 0	21 53	21 58	25 18	3 53	4 22
W21	20 11	22 49	0s24	25 24	2 29	5 13	1 21	24 9	0 58	7 40	1 2	2 34	2 26	21 57	0 10	3 14	0 35	16 41	3 0	21 53	21 58	25 18	3 54	4 22
T 22	20 23	24 59	1 45	25 31	2 32	5 35	1 24	24 8	0 59	7 45	1 2	2 33	2 26	21 56	0 10	3 13	0 35	16 41	3 0	21 53	21 58	25 18	3 55	4 22
F 23	20 34	25 20	2 58	25 37	2 33	5 58	1 27	24 7	0 59	7 50	1 2	2 33	2 26	21 56	0 10	3 13	0 35	16 41	3 0	21 53	21 57	25 19	3 56	4 22
S 24	20 45	23 55	3 59	25 41	2 34	6 20	1 30	24 6	0 59	7 54	1 2	2 32	2 26	21 56	0 10	3 12	0 35	16 41	3 0	21 53	21 57	25 19	3 57	4 22
S 25	20 56	20 57	4 44	25 43	2 34	6 42	1 33	24 4	1 0	7 59	1 2	2 32	2 26	21 55	0 10	3 12	0 35	16 41	2 59	21 53	21 56	25 19	3 58	4 22
M26	21 6	16 49	5 10	25 43	2 32	7 4	1 36	24 3	1 0	8 3	1 3	2 31	2 25	21 55	0 10	3 12	0 35	16 40	2 59	21 53	21 56	25 20	3 59	4 22
T 27	21 16	11 53	5 17	25 42	2 30	7 26	1 39	24 1	1 0	8 7	1 3	2 30	2 25	21 55	0 10	3 11	0 35	16 40	2 59	21 53	21 55	25 20	4 0	4 23
W28	21 26	6 30	5 7	25 39	2 26	7 48	1 41	23 58	1 0	8 12	1 3	2 30	2 25	21 55	0 10	3 11	0 35	16 40	2 59	21 53	21 55	25 20	4 1	4 23
T 29	21 35	0 57	4 42	25 35	2 21	8 11	1 44	23 56	1 1	8 16	1 3	2 30	2 25	21 54	0 10	3 11	0 35	16 40	2 59	21 53	21 54	25 20	4 2	4 23
F 30	21 44	4n32	4 2	25 29	2 16	8 33	1 46	23 53	1 1	8 21	1 3	2 29	2 25	21 54	0 10	3 10	0 35	16 40	2 59	21 53	21 54	25 21	4 3	4 23
S 31	21n52	9n44	3s11	25n22	2n 9	8n55	1s48	23n51	1n 1	8n25	1s 3	2s29	2n24	21s54	0n10	3s10	0s35	16n40	2s59	21n53	21n54	25n21	4n 4	4n23

Julian Day Number = 3057602.5, Delta T = 02h29m50s
Ecliptic obliquity = 23°13'36, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'09, Lahiri = 47°07'10

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

JUNE 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 40 40	11♊45'48	16♉22	0♋11	28♈56	11♋ 0	24♈39	11°R58	12°R 9	23♓20	1♌52	10♊58	10♊57	10♋45	0♈ 6	S 1
M 2	16 44 37	12°44'01	28°34	0°30	0♉ 3	11°41	24°52	11♎57	12♐ 6	23°20	1°53	10°58	10°54	10°52	0° 8	M 2
T 3	16 48 34	13°42'13	10♊36	0°44	1°12	12°21	25° 4	11°56	12° 4	23°21	1°54	10°R58	10°50	10°59	0°10	T 3
W 4	16 52 30	14°40'24	22°33	0°53	2°20	13° 2	25°15	11°55	12° 1	23°22	1°55	10°58	10°47	11° 5	0°11	W 4
T 5	16 56 27	15°38'33	4♋24	0°R57	3°28	13°42	25°27	11°54	11°59	23°22	1°56	10°58	10°44	11°12	0°13	T 5
F 6	17 0 23	16°36'40	16°12	0°56	4°36	14°23	25°39	11°53	11°56	23°23	1°57	10°57	10°41	11°19	0°14	F 6
S 7	17 4 20	17°34'45	28° 1	0°50	5°45	15° 3	25°51	11°53	11°54	23°24	1°58	10°57	10°38	11°25	0°16	S 7
S 8	17 8 16	18°32'49	9♌53	0°39	6°53	15°44	26° 2	11°52	11°51	23°24	1°59	10°56	10°34	11°32	0°17	S 8
M 9	17 12 13	19°30'51	21°51	0°24	8° 2	16°24	26°14	11°52	11°49	23°25	2° 0	10°55	10°31	11°39	0°19	M 9
T 10	17 16 10	20°28'51	3♍59	0° 5	9°11	17° 4	26°25	11°51	11°46	23°25	2° 2	10°54	10°28	11°45	0°20	T 10
W11	17 20 6	21°26'49	16°22	29♊42	10°20	17°45	26°36	11°51	11°44	23°26	2° 3	10°D53	10°25	11°52	0°21	W11
T 12	17 24 3	22°24'46	29° 3	29°16	11°28	18°25	26°47	11°51	11°41	23°26	2° 4	10°53	10°22	11°59	0°22	T 12
F 13	17 27 59	23°22'41	12♎ 6	28°47	12°37	19° 5	26°58	11°D51	11°39	23°27	2° 5	10°54	10°19	12° 5	0°24	F 13
S 14	17 31 56	24°20'34	25°34	28°16	13°46	19°45	27° 9	11°51	11°36	23°27	2° 6	10°55	10°15	12°12	0°25	S 14
S 15	17 35 52	25°18'26	9♏30	27°43	14°56	20°25	27°20	11°51	11°34	23°27	2° 8	10°56	10°12	12°19	0°26	S 15
M16	17 39 49	26°16'16	23°51	27°10	16° 5	21° 5	27°31	11°52	11°31	23°28	2° 9	10°57	10° 9	12°25	0°27	M16
T 17	17 43 45	27°14'04	8♐35	26°35	17°14	21°45	27°42	11°52	11°29	23°28	2°10	10°R57	10° 6	12°32	0°27	T 17
W18	17 47 42	28°11'52	23°37	26° 1	18°23	22°26	27°52	11°52	11°26	23°28	2°11	10°57	10° 3	12°39	0°28	W18
T 19	17 51 39	29° 9'38	8♑48	25°27	19°33	23° 6	28° 3	11°53	11°24	23°28	2°13	10°56	10° 0	12°45	0°29	T 19
F 20	17 55 35	0♋ 7'22	23°58	24°55	20°42	23°46	28°13	11°54	11°22	23°29	2°14	10°54	9°56	12°52	0°30	F 20
S 21	17 59 32	1° 5'06	8♒59	24°24	21°52	24°25	28°23	11°55	11°19	23°29	2°15	10°51	9°53	12°59	0°31	S 21
S 22	18 3 28	2° 2'48	23°42	23°56	23° 1	25° 5	28°33	11°55	11°17	23°29	2°17	10°49	9°50	13° 5	0°31	S 22
M23	18 7 25	3° 0'30	8♓ 1	23°30	24°11	25°45	28°43	11°56	11°15	23°29	2°18	10°47	9°47	13°12	0°32	M23
T 24	18 11 21	3°58'10	21°54	23° 8	25°21	26°25	28°53	11°58	11°12	23°29	2°19	10°45	9°44	13°19	0°32	T 24
W25	18 15 18	4°55'50	5♈21	22°49	26°31	27° 5	29° 3	11°59	11°10	23°R29	2°21	10°D45	9°40	13°25	0°33	W25
T 26	18 19 14	5°53'29	18°24	22°34	27°41	27°45	29°12	12° 0	11° 8	23°29	2°22	10°45	9°37	13°32	0°33	T 26
F 27	18 23 11	6°51'07	1♉ 5	22°23	28°51	28°24	29°22	12° 2	11° 6	23°29	2°23	10°46	9°34	13°39	0°33	F 27
S 28	18 27 8	7°48'44	13°29	22°16	0♊ 1	29° 4	29°31	12° 3	11° 3	23°29	2°25	10°48	9°31	13°46	0°34	S 28
S 29	18 31 4	8°46'20	25°39	22°D13	1°11	29°44	29°41	12° 5	11° 1	23°29	2°26	10°50	9°28	13°52	0°34	S 29
M30	18 35 1	9♋43'56	7♊40	22♊15	2♊21	0♌24	29♈50	12♎ 6	10♐59	23♓29	2♌27	10°R50	9♊25	13♋59	0♈34	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	14n28	2s13	25n14	2n 0	9n16	1s50	23n48	1n 1	8n29	1s 3	2s28	2n24	21s53	0n10	3s10	0s35	16n40	2s59	21n53	21n53	25n21	4n 5	4n23
M 2	22 7	18 33	1 8	25 5	1 51	9 38	1 52	23 45	1 2	8 33	1 3	2 28	2 24	21 53	0 10	3 10	0 35	16 40	2 59	21 53	21 53	25 21	4 5	4 24
T 3	22 15	21 48	0 2	24 54	1 41	10 0	1 54	23 41	1 2	8 38	1 4	2 28	2 24	21 53	0 10	3 9	0 35	16 40	2 58	21 53	21 52	25 21	4 6	4 24
W 4	22 21	24 5	1n 4	24 43	1 29	10 21	1 56	23 38	1 2	8 42	1 4	2 28	2 24	21 52	0 10	3 9	0 35	16 39	2 58	21 53	21 52	25 22	4 7	4 24
T 5	22 28	25 16	2 6	24 30	1 17	10 43	1 58	23 34	1 2	8 46	1 4	2 28	2 23	21 52	0 10	3 9	0 35	16 39	2 58	21 53	21 51	25 22	4 8	4 24
F 6	22 34	25 17	3 3	24 17	1 3	11 4	1 59	23 30	1 3	8 50	1 4	2 28	2 23	21 52	0 10	3 9	0 35	16 39	2 58	21 53	21 51	25 22	4 9	4 24
S 7	22 39	24 10	3 53	24 2	0 49	11 25	2 0	23 26	1 3	8 54	1 4	2 27	2 23	21 51	0 10	3 8	0 35	16 39	2 58	21 53	21 50	25 22	4 9	4 24
S 8	22 44	21 59	4 32	23 47	0 34	11 46	2 2	23 21	1 3	8 58	1 4	2 27	2 23	21 51	0 10	3 8	0 35	16 39	2 58	21 53	21 50	25 22	4 10	4 25
M 9	22 49	18 50	5 0	23 31	0 18	12 7	2 3	23 17	1 3	9 2	1 5	2 27	2 23	21 51	0 10	3 8	0 35	16 39	2 58	21 53	21 50	25 23	4 11	4 25
T 10	22 53	14 51	5 15	23 15	0 1	12 28	2 4	23 12	1 3	9 6	1 5	2 28	2 22	21 50	0 10	3 8	0 35	16 39	2 58	21 53	21 49	25 23	4 11	4 25
W11	22 57	10 11	5 16	22 58	0s16	12 48	2 5	23 7	1 4	9 10	1 5	2 28	2 22	21 50	0 10	3 8	0 35	16 38	2 58	21 53	21 49	25 23	4 12	4 25
T 12	23 1	4 59	5 1	22 40	0 34	13 8	2 6	23 2	1 4	9 13	1 5	2 28	2 22	21 50	0 10	3 8	0 35	16 38	2 58	21 53	21 48	25 23	4 13	4 25
F 13	23 4	0s34	4 31	22 22	0 51	13 28	2 7	22 56	1 4	9 17	1 5	2 28	2 22	21 49	0 10	3 7	0 35	16 38	2 57	21 53	21 48	25 23	4 13	4 26
S 14	23 6	6 17	3 46	22 4	1 9	13 48	2 7	22 51	1 4	9 21	1 5	2 28	2 22	21 49	0 10	3 7	0 35	16 38	2 57	21 53	21 47	25 23	4 14	4 26
S 15	23 9	11 54	2 46	21 45	1 27	14 8	2 8	22 45	1 4	9 25	1 6	2 28	2 21	21 49	0 10	3 7	0 35	16 38	2 57	21 53	21 47	25 23	4 14	4 26
M16	23 10	17 4	1 33	21 27	1 45	14 27	2 8	22 39	1 5	9 28	1 6	2 29	2 21	21 48	0 9	3 7	0 35	16 38	2 57	21 53	21 46	25 24	4 15	4 26
T 17	23 12	21 19	0 13	21 9	2 2	14 46	2 9	22 33	1 5	9 32	1 6	2 29	2 21	21 48	0 9	3 7	0 35	16 37	2 57	21 53	21 46	25 24	4 15	4 26
W18	23 13	24 14	1s 9	20 52	2 18	15 5	2 9	22 27	1 5	9 36	1 6	2 30	2 21	21 48	0 9	3 7	0 35	16 37	2 57	21 53	21 45	25 24	4 16	4 26
T 19	23 13	25 24	2 28	20 35	2 34	15 23	2 9	22 20	1 5	9 39	1 6	2 30	2 20	21 48	0 9	3 7	0 36	16 37	2 57	21 53	21 45	25 24	4 16	4 27
F 20	23 14	24 40	3 36	20 19	2 49	15 41	2 9	22 14	1 5	9 43	1 6	2 30	2 20	21 47	0 9	3 7	0 36	16 37	2 57	21 53	21 45	25 24	4 17	4 27
S 21	23 13	22 10	4 28	20 4	3 3	15 59	2 9	22 7	1 5	9 46	1 7	2 31	2 20	21 47	0 9	3 7	0 36	16 37	2 57	21 52	21 44	25 24	4 17	4 27
S 22	23 13	18 15	5 1	19 49	3 16	16 17	2 9	22 0	1 6	9 49	1 7	2 31	2 20	21 47	0 9	3 7	0 36	16 36	2 57	21 52	21 44	25 24	4 18	4 27
M23	23 12	13 21	5 15	19 36	3 28	16 34	2 9	21 53	1 6	9 53	1 7	2 32	2 20	21 46	0 9	3 7	0 36	16 36	2 56	21 52	21 43	25 24	4 18	4 27
T 24	23 10	7 55	5 9	19 25	3 39	16 51	2 9	21 46	1 6	9 56	1 7	2 33	2 19	21 46	0 9	3 7	0 36	16 36	2 56	21 52	21 43	25 24	4 19	4 28
W25	23 8	2 17	4 47	19 14	3 48	17 7	2 8	21 38	1 6	9 59	1 7	2 33	2 19	21 46	0 9	3 7	0 36	16 36	2 56	21 51	21 42	25 24	4 19	4 28
T 26	23 6	3n17	4 10	19 6	3 56	17 24	2 8	21 31	1 6	10 2	1 8	2 34	2 19	21 45	0 9	3 7	0 36	16 36	2 56	21 52	21 42	25 24	4 19	4 28
F 27	23 3	8 36	3 22	18 58	4 3	17 39	2 7	21 23	1 6	10 6	1 8	2 35	2 19	21 45	0 9	3 7	0 36	16 35	2 56	21 52	21 41	25 24	4 20	4 28
S 28	23 0	13 26	2 25	18 52	4 8	17 55	2 6	21 15	1 6	10 9	1 8	2 36	2 19	21 45	0 9	3 7	0 36	16 35	2 56	21 52	21 41	25 24	4 20	4 28
S 29	22 56	17 40	1 23	18 48	4 13	18 10	2 6	21 7	1 7	10 12	1 8	2 36	2 18	21 45	0 9	3 7	0 36	16 35	2 56	21 52	21 40	25 25	4 20	4 29
M30	22n52	21n 6	0s17	18n45	4s16	18n24	2s 5	20n58	1n 7	10n15	1s 8	2s37	2n18	21s44	0n 9	3s 7	0s36	16n35	2s56	21n52	21n40	25n25	4n20	4n29

Julian Day Number = 3057633.5, Delta T = 02h29m51s
Ecliptic obliquity = 23°13'36, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'14, Lahiri = 47°07'14

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

JULY 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 38 57	10♋41'31	19♊33	22♊22	3♊31	1♌ 3	29♈59	12♎ 8	10°R57	23°R28	2♌29	10°R50	9♊21	14♋ 6	0♈34	T 1
W 2	18 42 54	11°39'05	1♋23	22°32	4°42	1°43	0♉ 8	12°10	10♐55	23♓28	2°30	10♊48	9°18	14°12	0°34	W 2
T 3	18 46 50	12°36'38	13°11	22°48	5°52	2°23	0°17	12°12	10°53	23°28	2°32	10°45	9°15	14°19	0°R34	T 3
F 4	18 50 47	13°34'10	25° 0	23° 8	7° 2	3° 2	0°25	12°14	10°51	23°28	2°33	10°40	9°12	14°26	0°34	F 4
S 5	18 54 44	14°31'41	6♌52	23°32	8°13	3°42	0°34	12°17	10°49	23°27	2°35	10°35	9° 9	14°32	0°34	S 5
S 6	18 58 40	15°29'11	18°48	24° 0	9°23	4°21	0°42	12°19	10°47	23°27	2°36	10°28	9° 6	14°39	0°34	S 6
M 7	19 2 37	16°26'40	0♍52	24°33	10°34	5° 1	0°50	12°21	10°45	23°27	2°37	10°22	9° 2	14°46	0°34	M 7
T 8	19 6 33	17°24'08	13° 4	25°10	11°44	5°40	0°58	12°24	10°43	23°26	2°39	10°17	8°59	14°52	0°34	T 8
W 9	19 10 30	18°21'36	25°29	25°52	12°55	6°20	1° 6	12°26	10°41	23°26	2°40	10°13	8°56	14°59	0°33	W 9
T 10	19 14 26	19°19'02	8♎ 9	26°37	14° 5	6°59	1°14	12°29	10°40	23°25	2°42	10°11	8°53	15° 6	0°33	T 10
F 11	19 18 23	20°16'27	21° 7	27°26	15°16	7°38	1°22	12°32	10°38	23°25	2°43	10°D10	8°50	15°12	0°32	F 11
S 12	19 22 19	21°13'51	4♏28	28°19	16°27	8°18	1°29	12°35	10°36	23°24	2°45	10°11	8°46	15°19	0°32	S 12
S 13	19 26 16	22°11'14	18°13	29°16	17°38	8°57	1°37	12°38	10°34	23°24	2°46	10°12	8°43	15°26	0°31	S 13
M14	19 30 13	23° 8'37	2♐24	0♋17	18°49	9°36	1°44	12°41	10°33	23°23	2°48	10°13	8°40	15°32	0°31	M14
T 15	19 34 9	24° 5'58	17° 0	1°21	19°59	10°16	1°51	12°44	10°31	23°23	2°49	10°R13	8°37	15°39	0°30	T 15
W16	19 38 6	25° 3'19	1♑56	2°29	21°10	10°55	1°58	12°47	10°30	23°22	2°51	10°12	8°34	15°46	0°29	W16
T 17	19 42 2	26° 0'40	17° 7	3°40	22°21	11°34	2° 5	12°51	10°28	23°21	2°52	10° 8	8°31	15°52	0°29	T 17
F 18	19 45 59	26°57'59	2♒22	4°55	23°32	12°13	2°11	12°54	10°27	23°21	2°54	10° 3	8°27	15°59	0°28	F 18
S 19	19 49 55	27°55'18	17°31	6°14	24°43	12°52	2°18	12°58	10°25	23°20	2°55	9°56	8°24	16° 6	0°27	S 19
S 20	19 53 52	28°52'37	2♓25	7°36	25°55	13°31	2°24	13° 1	10°24	23°19	2°57	9°49	8°21	16°12	0°26	S 20
M21	19 57 48	29°49'56	16°55	9° 1	27° 6	14°11	2°30	13° 5	10°22	23°18	2°58	9°42	8°18	16°19	0°25	M21
T 22	20 1 45	0♌47'14	0♈58	10°30	28°17	14°50	2°36	13° 9	10°21	23°18	3° 0	9°37	8°15	16°26	0°24	T 22
W23	20 5 42	1°44'32	14°30	12° 2	29°28	15°29	2°42	13°13	10°20	23°17	3° 1	9°33	8°12	16°32	0°23	W23
T 24	20 9 38	2°41'50	27°35	13°38	0♋40	16° 8	2°48	13°17	10°19	23°16	3° 3	9°D32	8° 8	16°39	0°22	T 24
F 25	20 13 35	3°39'09	10♉16	15°16	1°51	16°47	2°53	13°21	10°17	23°15	3° 4	9°32	8° 5	16°46	0°21	F 25
S 26	20 17 31	4°36'27	22°36	16°58	3° 2	17°26	2°59	13°25	10°16	23°14	3° 6	9°33	8° 2	16°52	0°19	S 26
S 27	20 21 28	5°33'45	4♊42	18°43	4°14	18° 5	3° 4	13°29	10°15	23°13	3° 7	9°R34	7°59	16°59	0°18	S 27
M28	20 25 24	6°31'04	16°37	20°32	5°25	18°44	3° 9	13°33	10°14	23°12	3° 9	9°33	7°56	17° 6	0°17	M28
T 29	20 29 21	7°28'22	28°26	22°23	6°37	19°23	3°14	13°38	10°13	23°11	3°10	9°32	7°52	17°12	0°15	T 29
W30	20 33 17	8°25'41	10♋14	24°16	7°48	20° 2	3°18	13°42	10°12	23°10	3°12	9°27	7°49	17°19	0°14	W30
T 31	20 37 14	9♌22'59	22♋ 2	26♋13	9♋ 0	20♌41	3♉23	13♎47	10♐11	23♓ 9	3♌13	9♊21	7♊46	17♋26	0♈13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n48	23n37	0n48	18n43	4s18	18n39	2s 4	20n50	1n 7	10n18	1s 9	2s38	2n18	21s44	0n 9	3s 7	0s36	16n35	2s56	21n52	21n39	25n25	4n21	4n29
W 2	22 43	25 3	1 50	18 43	4 18	18 52	2 3	20 41	1 7	10 20	1 9	2 39	2 18	21 44	0 9	3 7	0 36	16 34	2 56	21 52	21 39	25 25	4 21	4 29
T 3	22 38	25 22	2 48	18 44	4 18	19 6	2 2	20 33	1 7	10 23	1 9	2 40	2 17	21 43	0 9	3 7	0 36	16 34	2 56	21 52	21 38	25 25	4 21	4 29
F 4	22 33	24 31	3 38	18 47	4 17	19 19	2 1	20 24	1 7	10 26	1 9	2 41	2 17	21 43	0 9	3 8	0 36	16 34	2 56	21 51	21 38	25 25	4 21	4 29
S 5	22 27	22 34	4 19	18 50	4 14	19 31	1 59	20 15	1 7	10 29	1 10	2 42	2 17	21 43	0 9	3 8	0 36	16 34	2 55	21 50	21 38	25 25	4 21	4 30
S 6	22 20	19 38	4 49	18 55	4 11	19 43	1 58	20 6	1 7	10 32	1 10	2 43	2 17	21 43	0 9	3 8	0 36	16 33	2 55	21 49	21 37	25 25	4 21	4 30
M 7	22 13	15 51	5 7	19 0	4 7	19 54	1 57	19 56	1 7	10 34	1 10	2 44	2 17	21 42	0 9	3 8	0 36	16 33	2 55	21 48	21 37	25 25	4 21	4 30
T 8	22 6	11 23	5 10	19 7	4 2	20 5	1 55	19 47	1 8	10 37	1 10	2 46	2 16	21 42	0 9	3 8	0 36	16 33	2 55	21 48	21 36	25 25	4 22	4 30
W 9	21 59	6 23	5 0	19 14	3 56	20 16	1 54	19 37	1 8	10 39	1 10	2 47	2 16	21 42	0 9	3 8	0 36	16 33	2 55	21 47	21 36	25 24	4 22	4 30
T 10	21 51	1 1	4 35	19 22	3 49	20 26	1 52	19 27	1 8	10 42	1 11	2 48	2 16	21 42	0 9	3 9	0 36	16 32	2 55	21 47	21 35	25 24	4 22	4 31
F 11	21 43	4s32	3 55	19 30	3 42	20 36	1 50	19 17	1 8	10 44	1 11	2 49	2 16	21 41	0 9	3 9	0 36	16 32	2 55	21 47	21 35	25 24	4 22	4 31
S 12	21 34	10 2	3 2	19 39	3 34	20 45	1 49	19 7	1 8	10 47	1 11	2 51	2 16	21 41	0 9	3 9	0 36	16 32	2 55	21 47	21 34	25 24	4 22	4 31
S 13	21 25	15 14	1 57	19 48	3 25	20 53	1 47	18 57	1 8	10 49	1 11	2 52	2 15	21 41	0 9	3 9	0 36	16 32	2 55	21 47	21 34	25 24	4 21	4 31
M14	21 16	19 46	0 42	19 57	3 16	21 1	1 45	18 47	1 8	10 51	1 12	2 53	2 15	21 41	0 9	3 10	0 36	16 31	2 55	21 47	21 33	25 24	4 21	4 31
T 15	21 6	23 12	0s37	20 7	3 6	21 8	1 43	18 37	1 8	10 53	1 12	2 55	2 15	21 41	0 9	3 10	0 36	16 31	2 55	21 47	21 33	25 24	4 21	4 31
W16	20 56	25 8	1 55	20 16	2 56	21 15	1 41	18 26	1 8	10 55	1 12	2 56	2 15	21 40	0 9	3 10	0 36	16 31	2 55	21 47	21 32	25 24	4 21	4 32
T 17	20 45	25 13	3 6	20 25	2 46	21 22	1 39	18 15	1 8	10 58	1 12	2 58	2 15	21 40	0 9	3 10	0 36	16 30	2 55	21 46	21 32	25 24	4 21	4 32
F 18	20 35	23 25	4 4	20 33	2 35	21 27	1 37	18 4	1 8	11 0	1 12	2 59	2 14	21 40	0 9	3 11	0 36	16 30	2 55	21 45	21 31	25 24	4 21	4 32
S 19	20 24	19 58	4 45	20 42	2 23	21 33	1 35	17 54	1 8	11 2	1 13	3 1	2 14	21 40	0 9	3 11	0 36	16 30	2 55	21 44	21 31	25 24	4 21	4 32
S 20	20 12	15 16	5 5	20 49	2 12	21 37	1 33	17 43	1 8	11 3	1 13	3 2	2 14	21 40	0 9	3 11	0 36	16 30	2 54	21 43	21 30	25 24	4 20	4 32
M21	20 0	9 48	5 5	20 56	2 0	21 41	1 30	17 31	1 8	11 5	1 13	3 4	2 14	21 39	0 9	3 12	0 36	16 29	2 54	21 42	21 30	25 23	4 20	4 32
T 22	19 48	4 1	4 47	21 1	1 48	21 45	1 28	17 20	1 8	11 7	1 13	3 5	2 14	21 39	0 9	3 12	0 36	16 29	2 54	21 42	21 29	25 23	4 20	4 33
W23	19 36	1n47	4 13	21 6	1 36	21 48	1 26	17 9	1 9	11 9	1 14	3 7	2 13	21 39	0 9	3 12	0 36	16 29	2 54	21 41	21 29	25 23	4 20	4 33
T 24	19 23	7 19	3 26	21 9	1 23	21 50	1 23	16 57	1 9	11 11	1 14	3 9	2 13	21 39	0 9	3 13	0 37	16 29	2 54	21 41	21 28	25 23	4 19	4 33
F 25	19 10	12 23	2 31	21 11	1 11	21 52	1 21	16 46	1 9	11 12	1 14	3 10	2 13	21 39	0 9	3 13	0 37	16 28	2 54	21 41	21 28	25 23	4 19	4 33
S 26	18 56	16 49	1 30	21 12	0 58	21 53	1 19	16 34	1 9	11 14	1 14	3 12	2 13	21 39	0 9	3 13	0 37	16 28	2 54	21 41	21 27	25 23	4 19	4 33
S 27	18 43	20 27	0 26	21 11	0 46	21 54	1 16	16 22	1 9	11 15	1 15	3 14	2 13	21 39	0 9	3 14	0 37	16 28	2 54	21 41	21 27	25 23	4 18	4 33
M28	18 29	23 11	0n38	21 7	0 33	21 53	1 14	16 10	1 9	11 17	1 15	3 16	2 13	21 38	0 9	3 14	0 37	16 27	2 54	21 41	21 26	25 22	4 18	4 34
T 29	18 14	24 52	1 39	21 2	0 21	21 53	1 11	15 58	1 9	11 18	1 15	3 18	2 12	21 38	0 9	3 15	0 37	16 27	2 54	21 41	21 26	25 22	4 18	4 34
W30	18 0	25 26	2 36	20 55	0 9	21 52	1 8	15 46	1 9	11 19	1 15	3 20	2 12	21 38	0 9	3 15	0 37	16 27	2 54	21 40	21 25	25 22	4 17	4 34
T 31	17n45	24n51	3n27	20n46	0n 2	21n50	1s 6	15n34	1n 9	11n21	1s16	3s21	2n12	21s38	0n 9	3s15	0s37	16n27	2s54	21n39	21n25	25n22	4n17	4n34

Julian Day Number = 3057663.5, Delta T = 02h29m52s
Ecliptic obliquity = 23°13'36, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'18, Lahiri = 47°07'18

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

AUGUST 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 41 11	10♌20'17	3♌55	28♋12	10♋12	21♌20	3♉27	13♎51	10°R10	23°R 8	3♌15	9°R12	7♊43	17♋32	0°R11	F 1
S 2	20 45 7	11°17'36	15°53	0♌13	11°23	21°58	3°31	13°56	10♐10	23♓ 7	3°16	9♊ 1	7°40	17°39	0♈ 9	S 2
S 3	20 49 4	12°14'54	27°58	2°16	12°35	22°37	3°35	14° 1	10° 9	23° 6	3°18	8°49	7°37	17°46	0° 8	S 3
M 4	20 53 0	13°12'12	10♍11	4°21	13°47	23°16	3°39	14° 5	10° 8	23° 5	3°19	8°38	7°33	17°52	0° 6	M 4
T 5	20 56 57	14° 9'31	22°33	6°28	14°59	23°55	3°43	14°10	10° 7	23° 3	3°21	8°28	7°30	17°59	0° 4	T 5
W 6	21 0 53	15° 6'49	5♎ 6	8°35	16°11	24°34	3°46	14°15	10° 7	23° 2	3°22	8°19	7°27	18° 6	0° 3	W 6
T 7	21 4 50	16° 4'07	17°52	10°44	17°23	25°12	3°49	14°20	10° 6	23° 1	3°23	8°14	7°24	18°12	0° 1	T 7
F 8	21 8 46	17° 1'24	0♏53	12°53	18°35	25°51	3°52	14°25	10° 6	23° 0	3°25	8°11	7°21	18°19	29♓59	F 8
S 9	21 12 43	17°58'42	14°11	15° 2	19°47	26°30	3°55	14°31	10° 5	22°59	3°26	8°D10	7°18	18°26	29°57	S 9
S 10	21 16 40	18°56'00	27°49	17°11	20°59	27° 9	3°58	14°36	10° 5	22°57	3°28	8°10	7°14	18°32	29°55	S 10
M11	21 20 36	19°53'18	11♐49	19°20	22°11	27°47	4° 0	14°41	10° 4	22°56	3°29	8°R10	7°11	18°39	29°53	M11
T 12	21 24 33	20°50'36	26°10	21°29	23°23	28°26	4° 2	14°47	10° 4	22°55	3°31	8° 9	7° 8	18°46	29°51	T 12
W13	21 28 29	21°47'53	10♑51	23°37	24°35	29° 5	4° 4	14°52	10° 4	22°53	3°32	8° 6	7° 5	18°53	29°49	W13
T 14	21 32 26	22°45'11	25°47	25°43	25°47	29°43	4° 6	14°58	10° 4	22°52	3°34	8° 0	7° 2	18°59	29°47	T 14
F 15	21 36 22	23°42'29	10♒51	27°49	26°59	0♍22	4° 8	15° 3	10° 4	22°51	3°35	7°52	6°58	19° 6	29°45	F 15
S 16	21 40 19	24°39'48	25°53	29°54	28°12	1° 1	4° 9	15° 9	10° 3	22°49	3°36	7°42	6°55	19°13	29°43	S 16
S 17	21 44 16	25°37'06	10♓45	1♍57	29°24	1°39	4°11	15°14	10° 3	22°48	3°38	7°31	6°52	19°19	29°41	S 17
M18	21 48 12	26°34'26	25°16	3°58	0♌36	2°18	4°12	15°20	10°D 3	22°46	3°39	7°21	6°49	19°26	29°38	M18
T 19	21 52 9	27°31'45	9♈21	5°58	1°49	2°56	4°13	15°26	10° 3	22°45	3°41	7°12	6°46	19°33	29°36	T 19
W20	21 56 5	28°29'06	22°58	7°57	3° 1	3°35	4°13	15°32	10° 4	22°44	3°42	7° 6	6°43	19°39	29°34	W20
T 21	22 0 2	29°26'27	6♉ 7	9°54	4°14	4°13	4°14	15°38	10° 4	22°42	3°43	7° 2	6°39	19°46	29°31	T 21
F 22	22 3 58	0♍23'49	18°49	11°49	5°26	4°52	4°14	15°44	10° 4	22°41	3°45	7° 1	6°36	19°53	29°29	F 22
S 23	22 7 55	1°21'12	1♊11	13°42	6°39	5°30	4°R14	15°50	10° 4	22°39	3°46	7° 0	6°33	19°59	29°27	S 23
S 24	22 11 51	2°18'36	13°17	15°34	7°51	6° 9	4°14	15°56	10° 4	22°38	3°48	7° 0	6°30	20° 6	29°24	S 24
M25	22 15 48	3°16'01	25°11	17°24	9° 4	6°47	4°14	16° 2	10° 5	22°36	3°49	6°59	6°27	20°13	29°22	M25
T 26	22 19 44	4°13'27	7♋ 1	19°13	10°17	7°26	4°13	16° 8	10° 5	22°35	3°50	6°57	6°24	20°19	29°19	T 26
W27	22 23 41	5°10'54	18°49	21° 0	11°29	8° 4	4°13	16°15	10° 6	22°33	3°52	6°51	6°20	20°26	29°17	W27
T 28	22 27 38	6° 8'22	0♌40	22°45	12°42	8°43	4°12	16°21	10° 6	22°32	3°53	6°43	6°17	20°33	29°14	T 28
F 29	22 31 34	7° 5'51	12°38	24°28	13°55	9°21	4°11	16°27	10° 7	22°30	3°54	6°33	6°14	20°39	29°12	F 29
S 30	22 35 31	8° 3'20	24°45	26°10	15° 8	10° 0	4°10	16°34	10° 7	22°28	3°55	6°20	6°11	20°46	29° 9	S 30
S 31	22 39 27	9♍ 0'51	7♍ 1	27♍51	16♌21	10♍38	4♉ 8	16♎40	10♐ 8	22♓27	3♌57	6♊ 7	6♊ 8	20♋53	29♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n30	23n 7	4n 8	20n34	0n14	21n47	1s 3	15n21	1n 9	11n22	1s16	3s23	2n12	21s38	0n 9	3s16	0s37	16n26	2s54	21n38	21n24	25n22	4n16	4n34	F 1
S 2	17 14	20 22	4 39	20 19	0 24	21 44	1 0	15 9	1 9	11 23	1 16	3 25	2 12	21 38	0 9	3 16	0 37	16 26	2 54	21 36	21 24	25 21	4 16	4 34	S 2
S 3	16 58	16 44	4 58	20 3	0 35	21 41	0 58	14 56	1 9	11 24	1 16	3 27	2 12	21 38	0 9	3 17	0 37	16 26	2 54	21 35	21 23	25 21	4 15	4 34	S 3
M 4	16 42	12 22	5 3	19 43	0 45	21 36	0 55	14 44	1 9	11 25	1 17	3 29	2 11	21 38	0 9	3 17	0 37	16 25	2 54	21 33	21 23	25 21	4 15	4 35	M 4
T 5	16 26	7 26	4 54	19 22	0 54	21 32	0 52	14 31	1 9	11 26	1 17	3 31	2 11	21 38	0 9	3 18	0 37	16 25	2 54	21 31	21 22	25 21	4 14	4 35	T 5
W 6	16 10	2 8	4 31	18 58	1 2	21 26	0 50	14 18	1 9	11 27	1 17	3 33	2 11	21 38	0 9	3 18	0 37	16 25	2 54	21 30	21 22	25 21	4 14	4 35	W 6
T 7	15 53	3s20	3 54	18 31	1 10	21 20	0 47	14 5	1 9	11 28	1 17	3 35	2 11	21 37	0 9	3 19	0 37	16 24	2 54	21 29	21 21	25 20	4 13	4 35	T 7
F 8	15 36	8 48	3 4	18 2	1 17	21 13	0 44	13 52	1 9	11 29	1 18	3 38	2 11	21 37	0 9	3 19	0 37	16 24	2 54	21 29	21 21	25 20	4 12	4 35	F 8
S 9	15 18	13 59	2 4	17 31	1 24	21 6	0 41	13 39	1 9	11 29	1 18	3 40	2 11	21 37	0 9	3 20	0 37	16 24	2 53	21 28	21 20	25 20	4 12	4 35	S 9
S 10	15 1	18 37	0 55	16 58	1 29	20 58	0 38	13 26	1 9	11 30	1 18	3 42	2 10	21 37	0 9	3 20	0 37	16 24	2 53	21 28	21 20	25 20	4 11	4 35	S 10
M11	14 43	22 19	0s19	16 23	1 34	20 50	0 36	13 13	1 9	11 30	1 19	3 44	2 10	21 37	0 9	3 21	0 37	16 23	2 53	21 28	21 19	25 19	4 10	4 35	M11
T 12	14 25	24 44	1 34	15 46	1 38	20 41	0 33	12 59	1 9	11 31	1 19	3 46	2 10	21 37	0 9	3 21	0 37	16 23	2 53	21 28	21 18	25 19	4 10	4 35	T 12
W13	14 7	25 31	2 44	15 7	1 41	20 31	0 30	12 46	1 9	11 31	1 19	3 48	2 10	21 37	0 9	3 22	0 37	16 23	2 53	21 28	21 18	25 19	4 9	4 36	W13
T 14	13 49	24 28	3 44	14 27	1 43	20 21	0 27	12 32	1 9	11 32	1 19	3 51	2 10	21 37	0 9	3 22	0 37	16 22	2 53	21 27	21 17	25 18	4 8	4 36	T 14
F 15	13 30	21 40	4 29	13 46	1 45	20 11	0 24	12 19	1 9	11 32	1 20	3 53	2 10	21 37	0 9	3 23	0 37	16 22	2 53	21 26	21 17	25 18	4 7	4 36	F 15
S 16	13 11	17 24	4 55	13 4	1 46	19 59	0 22	12 5	1 9	11 32	1 20	3 55	2 10	21 37	0 9	3 24	0 37	16 22	2 53	21 24	21 16	25 18	4 7	4 36	S 16
S 17	12 52	12 7	5 1	12 20	1 46	19 47	0 19	11 52	1 8	11 32	1 20	3 57	2 9	21 37	0 8	3 24	0 37	16 22	2 53	21 22	21 16	25 18	4 6	4 36	S 17
M18	12 33	6 16	4 47	11 36	1 45	19 35	0 16	11 38	1 8	11 33	1 20	4 0	2 9	21 37	0 8	3 25	0 37	16 21	2 53	21 21	21 15	25 17	4 5	4 36	M18
T 19	12 13	0 15	4 16	10 51	1 44	19 22	0 13	11 24	1 8	11 33	1 21	4 2	2 9	21 37	0 8	3 25	0 37	16 21	2 53	21 19	21 15	25 17	4 4	4 36	T 19
W20	11 54	5n35	3 31	10 6	1 42	19 9	0 10	11 10	1 8	11 33	1 21	4 4	2 9	21 37	0 8	3 26	0 37	16 21	2 53	21 18	21 14	25 17	4 3	4 36	W20
T 21	11 34	10 59	2 36	9 20	1 40	18 55	0 7	10 56	1 8	11 33	1 21	4 7	2 9	21 37	0 8	3 26	0 37	16 20	2 53	21 18	21 14	25 16	4 2	4 36	T 21
F 22	11 14	15 45	1 35	8 34	1 36	18 40	0 5	10 42	1 8	11 32	1 21	4 9	2 9	21 37	0 8	3 27	0 37	16 20	2 53	21 17	21 13	25 16	4 2	4 36	F 22
S 23	10 54	19 43	0 31	7 47	1 33	18 25	0 2	10 28	1 8	11 32	1 22	4 12	2 9	21 37	0 8	3 28	0 37	16 20	2 53	21 17	21 13	25 15	4 1	4 36	S 23
S 24	10 34	22 44	0n33	7 0	1 29	18 9	0n 1	10 14	1 8	11 32	1 22	4 14	2 9	21 37	0 8	3 28	0 37	16 20	2 53	21 17	21 12	25 15	4 0	4 36	S 24
M25	10 13	24 43	1 35	6 13	1 24	17 53	0 4	10 0	1 8	11 32	1 22	4 16	2 8	21 38	0 8	3 29	0 37	16 19	2 53	21 17	21 12	25 15	3 59	4 36	M25
T 26	9 52	25 34	2 32	5 27	1 19	17 37	0 6	9 46	1 8	11 31	1 22	4 19	2 8	21 38	0 8	3 29	0 37	16 19	2 53	21 17	21 11	25 14	3 58	4 36	T 26
W27	9 32	25 15	3 22	4 40	1 14	17 20	0 9	9 31	1 8	11 31	1 23	4 21	2 8	21 38	0 8	3 30	0 37	16 19	2 53	21 16	21 11	25 14	3 57	4 37	W27
T 28	9 11	23 47	4 3	3 53	1 8	17 2	0 12	9 17	1 8	11 30	1 23	4 24	2 8	21 38	0 8	3 31	0 37	16 18	2 53	21 14	21 10	25 14	3 56	4 37	T 28
F 29	8 50	21 15	4 35	3 7	1 1	16 44	0 14	9 3	1 8	11 30	1 23	4 26	2 8	21 38	0 8	3 31	0 37	16 18	2 53	21 13	21 9	25 13	3 55	4 37	F 29
S 30	8 29	17 46	4 54	2 21	0 55	16 25	0 17	8 48	1 8	11 29	1 23	4 29	2 8	21 38	0 8	3 32	0 37	16 18	2 53	21 11	21 9	25 13	3 54	4 37	S 30
S 31	8n 7	13n30	5n 0	1n35	0n48	16n 6	0n20	8n34	1n 8	11n28	1s24	4s32	2n 8	21s38	0n 8	3s33	0s37	16n18	2s53	21n 8	21n 8	25n12	3n53	4n37	S 31

Julian Day Number = 3057694.5, Delta T = 02h29m53s
Ecliptic obliquity = 23°13'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'22, Lahiri = 47°07'23

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

SEPTEMBER 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 43 24	9♍58'22	19♍28	29♍29	17♌34	11♍16	4°R 6	16♎47	10♐ 9	22°R25	3♌58	5°R54	6♊ 4	20♋59	29°R 4	M 1
T 2	22 47 20	10°55'54	2♎ 6	1♎ 6	18°47	11°55	4♉ 5	16°53	10°10	22♓24	3°59	5♊42	6° 1	21° 6	29♓ 1	T 2
W 3	22 51 17	11°53'27	14°55	2°41	20° 0	12°33	4° 3	17° 0	10°10	22°22	4° 0	5°32	5°58	21°13	28°58	W 3
T 4	22 55 13	12°51'00	27°56	4°15	21°13	13°11	4° 0	17° 6	10°11	22°20	4° 2	5°25	5°55	21°20	28°56	T 4
F 5	22 59 10	13°48'35	11♏ 8	5°47	22°26	13°50	3°58	17°13	10°12	22°19	4° 3	5°21	5°52	21°26	28°53	F 5
S 6	23 3 7	14°46'10	24°33	7°18	23°39	14°28	3°55	17°20	10°13	22°17	4° 4	5°19	5°49	21°33	28°50	S 6
S 7	23 7 3	15°43'46	8♐12	8°47	24°52	15° 6	3°52	17°27	10°14	22°16	4° 5	5°19	5°45	21°40	28°47	S 7
M 8	23 11 0	16°41'23	22° 6	10°14	26° 5	15°45	3°49	17°33	10°15	22°14	4° 6	5°19	5°42	21°46	28°45	M 8
T 9	23 14 56	17°39'01	6♑15	11°40	27°19	16°23	3°46	17°40	10°17	22°12	4° 8	5°18	5°39	21°53	28°42	T 9
W10	23 18 53	18°36'39	20°39	13° 4	28°32	17° 1	3°43	17°47	10°18	22°11	4° 9	5°15	5°36	22° 0	28°39	W10
T 11	23 22 49	19°34'19	5♒15	14°26	29°45	17°40	3°39	17°54	10°19	22° 9	4°10	5° 9	5°33	22° 6	28°36	T 11
F 12	23 26 46	20°31'59	19°57	15°46	0♍59	18°18	3°35	18° 1	10°20	22° 7	4°11	5° 1	5°30	22°13	28°33	F 12
S 13	23 30 42	21°29'40	4♓38	17° 5	2°12	18°56	3°31	18° 8	10°22	22° 6	4°12	4°51	5°26	22°20	28°31	S 13
S 14	23 34 39	22°27'22	19°12	18°22	3°25	19°34	3°27	18°15	10°23	22° 4	4°13	4°41	5°23	22°26	28°28	S 14
M15	23 38 36	23°25'05	3♈31	19°37	4°39	20°13	3°23	18°22	10°24	22° 3	4°14	4°30	5°20	22°33	28°25	M15
T 16	23 42 32	24°22'50	17°29	20°50	5°52	20°51	3°18	18°29	10°26	22° 1	4°15	4°22	5°17	22°40	28°22	T 16
W17	23 46 29	25°20'36	1♉ 2	22° 1	7° 6	21°29	3°14	18°36	10°28	21°59	4°16	4°15	5°14	22°46	28°19	W17
T 18	23 50 25	26°18'24	14° 9	23° 9	8°20	22° 7	3° 9	18°43	10°29	21°58	4°17	4°11	5°10	22°53	28°16	T 18
F 19	23 54 22	27°16'13	26°53	24°16	9°33	22°46	3° 4	18°51	10°31	21°56	4°18	4° 9	5° 7	23° 0	28°14	F 19
S 20	23 58 18	28°14'04	9♊17	25°21	10°47	23°24	2°59	18°58	10°32	21°54	4°19	4°D 9	5° 4	23° 6	28°11	S 20
S 21	0 2 15	29°11'56	21°24	26°23	12° 1	24° 2	2°54	19° 5	10°34	21°53	4°20	4°10	5° 1	23°13	28° 8	S 21
M22	0 6 11	0♎ 9'50	3♋20	27°22	13°14	24°40	2°48	19°12	10°36	21°51	4°21	4°R10	4°58	23°20	28° 5	M22
T 23	0 10 8	1° 7'46	15°11	28°19	14°28	25°18	2°43	19°19	10°38	21°50	4°22	4° 9	4°55	23°27	28° 2	T 23
W24	0 14 5	2° 5'44	27° 2	29°13	15°42	25°57	2°37	19°27	10°40	21°48	4°23	4° 6	4°51	23°33	27°59	W24
T 25	0 18 1	3° 3'43	8♌56	0♏ 4	16°56	26°35	2°31	19°34	10°42	21°46	4°24	4° 0	4°48	23°40	27°57	T 25
F 26	0 21 58	4° 1'44	20°59	0°52	18°10	27°13	2°25	19°41	10°43	21°45	4°25	3°53	4°45	23°47	27°54	F 26
S 27	0 25 54	4°59'46	3♍13	1°36	19°23	27°51	2°19	19°49	10°45	21°43	4°26	3°43	4°42	23°53	27°51	S 27
S 28	0 29 51	5°57'50	15°41	2°17	20°37	28°29	2°12	19°56	10°48	21°42	4°26	3°33	4°39	24° 0	27°48	S 28
M29	0 33 47	6°55'56	28°23	2°54	21°51	29° 7	2° 6	20° 3	10°50	21°40	4°27	3°23	4°35	24° 7	27°45	M29
T 30	0 37 44	7♎54'04	11♎19	3♏27	23♍ 5	29♍46	1♉59	20♎11	10♐52	21♓38	4♌28	3♊13	4♊32	24♋13	27♓42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n46	8n36	4n52	0n49	0n40	15n47	0n22	8n19	1n 8	11n27	1s24	4s34	2n 8	21s38	0n 8	3s33	0s37	16n17	2s53	21n 6	21n 8	25n12	3n52	4n37
T 2	7 24	3 17	4 29	0 4	0 33	15 27	0 25	8 4	1 7	11 27	1 24	4 37	2 8	21 38	0 8	3 34	0 37	16 17	2 53	21 4	21 7	25 12	3 51	4 37
W 3	7 2	2s15	3 53	0s41	0 25	15 7	0 27	7 50	1 7	11 26	1 24	4 39	2 7	21 39	0 8	3 34	0 37	16 17	2 53	21 2	21 7	25 11	3 50	4 37
T 4	6 41	7 47	3 4	1 25	0 17	14 46	0 30	7 35	1 7	11 25	1 25	4 42	2 7	21 39	0 8	3 35	0 37	16 17	2 53	21 1	21 6	25 11	3 49	4 37
F 5	6 19	13 4	2 4	2 9	0 9	14 25	0 32	7 20	1 7	11 24	1 25	4 44	2 7	21 39	0 8	3 36	0 37	16 16	2 53	21 0	21 6	25 10	3 48	4 37
S 6	5 57	17 49	0 57	2 52	0 0	14 4	0 34	7 6	1 7	11 22	1 25	4 47	2 7	21 39	0 8	3 36	0 37	16 16	2 53	21 0	21 5	25 10	3 47	4 37
S 7	5 35	21 44	0s15	3 35	0s 8	13 42	0 37	6 51	1 7	11 21	1 25	4 50	2 7	21 39	0 8	3 37	0 37	16 16	2 53	21 0	21 5	25 9	3 46	4 37
M 8	5 13	24 27	1 28	4 17	0 17	13 19	0 39	6 36	1 7	11 20	1 26	4 52	2 7	21 39	0 8	3 38	0 37	16 15	2 53	21 0	21 4	25 9	3 45	4 37
T 9	4 50	25 41	2 36	4 58	0 26	12 57	0 41	6 21	1 7	11 19	1 26	4 55	2 7	21 40	0 8	3 38	0 37	16 15	2 53	21 0	21 3	25 8	3 43	4 37
W10	4 28	25 12	3 36	5 39	0 35	12 34	0 44	6 6	1 7	11 17	1 26	4 58	2 7	21 40	0 8	3 39	0 37	16 15	2 53	20 59	21 3	25 8	3 42	4 37
T 11	4 6	23 1	4 22	6 19	0 44	12 10	0 46	5 51	1 7	11 16	1 26	5 0	2 7	21 40	0 8	3 40	0 37	16 15	2 53	20 58	21 2	25 7	3 41	4 37
F 12	3 43	19 19	4 51	6 59	0 54	11 47	0 48	5 37	1 6	11 15	1 27	5 3	2 7	21 40	0 8	3 40	0 37	16 14	2 53	20 57	21 2	25 7	3 40	4 37
S 13	3 21	14 24	5 1	7 37	1 3	11 23	0 50	5 22	1 6	11 13	1 27	5 6	2 7	21 40	0 8	3 41	0 37	16 14	2 53	20 55	21 1	25 6	3 39	4 37
S 14	2 58	8 43	4 52	8 15	1 13	10 58	0 52	5 7	1 6	11 11	1 27	5 8	2 7	21 41	0 8	3 42	0 37	16 14	2 53	20 53	21 1	25 6	3 38	4 36
M15	2 35	2 40	4 24	8 52	1 22	10 34	0 54	4 52	1 6	11 10	1 27	5 11	2 7	21 41	0 8	3 42	0 37	16 14	2 53	20 51	21 0	25 5	3 37	4 36
T 16	2 13	3n23	3 41	9 29	1 32	10 9	0 56	4 37	1 6	11 8	1 27	5 14	2 7	21 41	0 8	3 43	0 37	16 13	2 53	20 50	21 0	25 5	3 35	4 36
W17	1 50	9 7	2 46	10 4	1 41	9 44	0 58	4 22	1 6	11 6	1 28	5 16	2 6	21 41	0 8	3 44	0 37	16 13	2 53	20 48	20 59	25 4	3 34	4 36
T 18	1 27	14 17	1 44	10 38	1 51	9 18	1 0	4 6	1 6	11 5	1 28	5 19	2 6	21 41	0 8	3 44	0 38	16 13	2 53	20 48	20 58	25 4	3 33	4 36
F 19	1 5	18 40	0 39	11 12	2 0	8 52	1 2	3 51	1 6	11 3	1 28	5 22	2 6	21 42	0 8	3 45	0 38	16 13	2 53	20 47	20 58	25 3	3 32	4 36
S 20	0 42	22 6	0n27	11 44	2 10	8 26	1 3	3 36	1 6	11 1	1 28	5 25	2 6	21 42	0 8	3 46	0 38	16 13	2 53	20 47	20 57	25 3	3 31	4 36
S 21	0 19	24 28	1 31	12 15	2 19	8 0	1 5	3 21	1 5	10 59	1 28	5 27	2 6	21 42	0 8	3 46	0 38	16 12	2 53	20 47	20 57	25 2	3 29	4 36
M22	0s 4	25 40	2 29	12 45	2 28	7 34	1 7	3 6	1 5	10 57	1 29	5 30	2 6	21 42	0 8	3 47	0 38	16 12	2 53	20 47	20 56	25 2	3 28	4 36
T 23	0 27	25 42	3 21	13 14	2 37	7 7	1 8	2 51	1 5	10 55	1 29	5 33	2 6	21 43	0 8	3 47	0 38	16 12	2 53	20 47	20 56	25 1	3 27	4 36
W24	0 50	24 33	4 4	13 41	2 46	6 40	1 10	2 36	1 5	10 53	1 29	5 36	2 6	21 43	0 8	3 48	0 38	16 12	2 53	20 47	20 55	25 0	3 26	4 36
T 25	1 12	22 18	4 36	14 8	2 55	6 13	1 11	2 20	1 5	10 50	1 29	5 38	2 6	21 43	0 8	3 49	0 38	16 12	2 53	20 46	20 54	25 0	3 25	4 36
F 26	1 35	19 4	4 57	14 32	3 3	5 45	1 13	2 5	1 5	10 48	1 29	5 41	2 6	21 44	0 8	3 49	0 38	16 11	2 53	20 44	20 54	24 59	3 23	4 36
S 27	1 58	14 58	5 4	14 56	3 12	5 18	1 14	1 50	1 5	10 46	1 29	5 44	2 6	21 44	0 8	3 50	0 38	16 11	2 53	20 43	20 53	24 59	3 22	4 35
S 28	2 21	10 10	4 58	15 17	3 20	4 50	1 15	1 35	1 4	10 44	1 30	5 47	2 6	21 44	0 8	3 51	0 38	16 11	2 53	20 41	20 53	24 58	3 21	4 35
M29	2 44	4 52	4 36	15 37	3 27	4 23	1 17	1 20	1 4	10 41	1 30	5 49	2 6	21 45	0 8	3 51	0 38	16 11	2 53	20 39	20 52	24 57	3 20	4 35
T 30	3s 6	0s45	4n 0	15s55	3s34	3n55	1n18	1n 5	1n 4	10n39	1s30	5s52	2n 6	21s45	0n 8	3s52	0s38	16n11	2s53	20n37	20n52	24n57	3n19	4n35

Julian Day Number = 3057725.5, Delta T = 02h29m54s
Ecliptic obliquity = 23°13'37, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'27, Lahiri = 47°07'27

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

OCTOBER 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 41 40	8♎52'12	24♎29	3♏56	24♍19	0♎24	1°R52	20♎18	10♐54	21°R37	4♌29	3°R 6	4♊29	24♋20	27°R40	W 1
T 2	0 45 37	9°50'23	7♏51	4°20	25°33	1° 2	1♉46	20°26	10°56	21♓35	4°29	3♊ 1	4°26	24°27	27♓37	T 2
F 3	0 49 33	10°48'35	21°24	4°39	26°48	1°40	1°39	20°33	10°58	21°34	4°30	2°58	4°23	24°33	27°34	F 3
S 4	0 53 30	11°46'48	5♐ 7	4°53	28° 2	2°18	1°32	20°41	11° 1	21°32	4°31	2°D58	4°20	24°40	27°31	S 4
S 5	0 57 27	12°45'03	18°58	5° 1	29°16	2°56	1°24	20°48	11° 3	21°31	4°32	2°58	4°16	24°47	27°29	S 5
M 6	1 1 23	13°43'20	2♑58	5°R 3	0♎30	3°34	1°17	20°56	11° 5	21°29	4°32	2°59	4°13	24°54	27°26	M 6
T 7	1 5 20	14°41'38	17° 4	4°59	1°44	4°13	1°10	21° 3	11° 8	21°28	4°33	3°R 0	4°10	25° 0	27°23	T 7
W 8	1 9 16	15°39'57	1♒17	4°49	2°58	4°51	1° 2	21°11	11°10	21°26	4°34	2°59	4° 7	25° 7	27°21	W 8
T 9	1 13 13	16°38'17	15°34	4°32	4°13	5°29	0°55	21°18	11°13	21°25	4°34	2°56	4° 4	25°14	27°18	T 9
F 10	1 17 9	17°36'39	29°52	4° 8	5°27	6° 7	0°47	21°26	11°15	21°23	4°35	2°51	4° 1	25°20	27°15	F 10
S 11	1 21 6	18°35'02	14♓ 7	3°38	6°41	6°45	0°40	21°33	11°18	21°22	4°35	2°44	3°57	25°27	27°13	S 11
S 12	1 25 2	19°33'27	28°14	3° 1	7°56	7°23	0°32	21°41	11°21	21°21	4°36	2°37	3°54	25°34	27°10	S 12
M13	1 28 59	20°31'54	12♈ 9	2°17	9°10	8° 1	0°24	21°48	11°23	21°19	4°36	2°31	3°51	25°40	27° 8	M13
T 14	1 32 56	21°30'22	25°48	1°27	10°24	8°39	0°16	21°56	11°26	21°18	4°37	2°25	3°48	25°47	27° 5	T 14
W15	1 36 52	22°28'52	9♉ 7	0°32	11°39	9°17	0° 9	22° 3	11°29	21°17	4°37	2°21	3°45	25°54	27° 3	W15
T 16	1 40 49	23°27'24	22° 6	29♎33	12°53	9°55	0° 1	22°11	11°32	21°15	4°38	2°19	3°41	26° 0	27° 0	T 16
F 17	1 44 45	24°25'58	4♊46	28°30	14° 8	10°34	29♈53	22°18	11°34	21°14	4°38	2°D18	3°38	26° 7	26°58	F 17
S 18	1 48 42	25°24'35	17° 8	27°26	15°22	11°12	29°45	22°26	11°37	21°13	4°39	2°19	3°35	26°14	26°55	S 18
S 19	1 52 38	26°23'13	29°16	26°21	16°37	11°50	29°37	22°33	11°40	21°11	4°39	2°21	3°32	26°21	26°53	S 19
M20	1 56 35	27°21'53	11♋13	25°16	17°51	12°28	29°29	22°41	11°43	21°10	4°39	2°22	3°29	26°27	26°51	M20
T 21	2 0 31	28°20'36	23° 5	24°15	19° 6	13° 6	29°21	22°48	11°46	21° 9	4°40	2°R23	3°26	26°34	26°48	T 21
W22	2 4 28	29°19'20	4♌57	23°18	20°20	13°44	29°13	22°56	11°49	21° 8	4°40	2°23	3°22	26°41	26°46	W22
T 23	2 8 25	0♏18'07	16°53	22°27	21°35	14°22	29° 5	23° 3	11°52	21° 6	4°40	2°22	3°19	26°47	26°44	T 23
F 24	2 12 21	1°16'56	28°58	21°43	22°50	15° 0	28°57	23°11	11°55	21° 5	4°40	2°19	3°16	26°54	26°42	F 24
S 25	2 16 18	2°15'47	11♍16	21° 8	24° 4	15°38	28°48	23°18	11°58	21° 4	4°41	2°15	3°13	27° 1	26°39	S 25
S 26	2 20 14	3°14'40	23°50	20°42	25°19	16°16	28°40	23°26	12° 1	21° 3	4°41	2°11	3°10	27° 7	26°37	S 26
M27	2 24 11	4°13'35	6♎43	20°25	26°34	16°55	28°33	23°33	12° 4	21° 2	4°41	2° 6	3° 7	27°14	26°35	M27
T 28	2 28 7	5°12'32	19°54	20°D20	27°48	17°33	28°25	23°41	12° 7	21° 1	4°41	2° 2	3° 3	27°21	26°33	T 28
W29	2 32 4	6°11'31	3♏24	20°24	29° 3	18°11	28°17	23°48	12°11	21° 0	4°41	1°58	3° 0	27°27	26°31	W29
T 30	2 36 0	7°10'32	17°10	20°39	0♏18	18°49	28° 9	23°55	12°14	20°59	4°42	1°56	2°57	27°34	26°29	T 30
F 31	2 39 57	8♏ 9'35	1♐10	21♎ 4	1♏33	19♎27	28♈ 1	24♎ 3	12♐17	20♓58	4♌42	1°D56	2♊54	27♋41	26♓27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s29	6s26	3n11	16s11	3s41	3n27	1n19	0n49	1n 4	10n37	1s30	5s55	2n 6	21s45	0n 8	3s52	0s38	16n10	2s53	20n35	20n51	24n56	3n17	4n35
T 2	3 52	11 57	2 11	16 25	3 47	2 58	1 20	0 34	1 4	10 34	1 30	5 58	2 6	21 45	0 8	3 53	0 38	16 10	2 53	20 34	20 50	24 55	3 16	4 35
F 3	4 14	16 58	1 2	16 37	3 53	2 30	1 21	0 19	1 4	10 32	1 30	6 1	2 6	21 46	0 8	3 54	0 38	16 10	2 53	20 34	20 50	24 55	3 15	4 35
S 4	4 37	21 9	0s12	16 46	3 58	2 2	1 22	0 4	1 3	10 29	1 30	6 3	2 6	21 46	0 8	3 54	0 38	16 10	2 53	20 34	20 49	24 54	3 14	4 35
S 5	5 0	24 11	1 25	16 52	4 2	1 33	1 22	0s11	1 3	10 27	1 31	6 6	2 6	21 46	0 8	3 55	0 38	16 10	2 53	20 34	20 49	24 53	3 13	4 34
M 6	5 22	25 46	2 34	16 56	4 5	1 5	1 23	0 27	1 3	10 24	1 31	6 9	2 6	21 47	0 8	3 55	0 38	16 9	2 53	20 34	20 48	24 53	3 11	4 34
T 7	5 44	25 42	3 35	16 57	4 7	0 36	1 24	0 42	1 3	10 21	1 31	6 12	2 6	21 47	0 8	3 56	0 38	16 9	2 53	20 34	20 47	24 52	3 10	4 34
W 8	6 7	23 58	4 23	16 54	4 8	0 7	1 25	0 57	1 3	10 19	1 31	6 14	2 6	21 48	0 8	3 57	0 38	16 9	2 53	20 34	20 47	24 51	3 9	4 34
T 9	6 29	20 43	4 54	16 48	4 7	0s21	1 25	1 12	1 2	10 16	1 31	6 17	2 6	21 48	0 8	3 57	0 38	16 9	2 53	20 33	20 46	24 51	3 8	4 34
F 10	6 51	16 13	5 8	16 38	4 6	0 50	1 26	1 27	1 2	10 13	1 31	6 20	2 6	21 48	0 8	3 58	0 38	16 9	2 53	20 33	20 46	24 50	3 7	4 34
S 11	7 13	10 51	5 2	16 25	4 2	1 19	1 26	1 42	1 2	10 11	1 31	6 23	2 6	21 49	0 8	3 58	0 38	16 9	2 53	20 31	20 45	24 49	3 5	4 33
S 12	7 35	4 58	4 38	16 7	3 57	1 47	1 26	1 57	1 2	10 8	1 31	6 25	2 6	21 49	0 8	3 59	0 38	16 9	2 53	20 30	20 45	24 49	3 4	4 33
M13	7 57	1n 6	3 58	15 46	3 51	2 16	1 27	2 12	1 2	10 5	1 31	6 28	2 6	21 49	0 8	3 59	0 38	16 8	2 53	20 29	20 44	24 48	3 3	4 33
T 14	8 19	7 0	3 5	15 21	3 42	2 45	1 27	2 27	1 2	10 3	1 31	6 31	2 6	21 50	0 8	4 0	0 38	16 8	2 53	20 28	20 43	24 47	3 2	4 33
W15	8 40	12 28	2 3	14 52	3 32	3 14	1 27	2 43	1 1	10 0	1 31	6 34	2 6	21 50	0 7	4 0	0 38	16 8	2 53	20 27	20 43	24 47	3 1	4 33
T 16	9 2	17 15	0 55	14 20	3 20	3 42	1 27	2 58	1 1	9 57	1 31	6 36	2 6	21 51	0 7	4 1	0 38	16 8	2 53	20 26	20 42	24 46	3 0	4 32
F 17	9 23	21 7	0n13	13 44	3 6	4 11	1 27	3 13	1 1	9 54	1 31	6 39	2 6	21 51	0 7	4 1	0 38	16 8	2 53	20 26	20 42	24 45	2 58	4 32
S 18	9 45	23 56	1 20	13 7	2 50	4 39	1 27	3 28	1 1	9 51	1 31	6 42	2 6	21 51	0 7	4 2	0 38	16 8	2 53	20 26	20 41	24 44	2 57	4 32
S 19	10 6	25 35	2 22	12 27	2 33	5 8	1 27	3 42	1 1	9 49	1 31	6 45	2 6	21 52	0 7	4 2	0 38	16 8	2 53	20 27	20 40	24 44	2 56	4 32
M20	10 27	26 1	3 16	11 47	2 14	5 36	1 27	3 57	1 0	9 46	1 31	6 47	2 6	21 52	0 7	4 3	0 38	16 8	2 53	20 27	20 40	24 43	2 55	4 32
T 21	10 47	25 15	4 2	11 6	1 55	6 4	1 27	4 12	1 0	9 43	1 31	6 50	2 6	21 53	0 7	4 3	0 38	16 8	2 53	20 27	20 39	24 42	2 54	4 31
W22	11 8	23 21	4 38	10 26	1 35	6 32	1 27	4 27	1 0	9 40	1 31	6 53	2 6	21 53	0 7	4 4	0 38	16 8	2 53	20 27	20 39	24 41	2 53	4 31
T 23	11 29	20 26	5 1	9 49	1 14	7 0	1 26	4 42	1 0	9 37	1 31	6 55	2 6	21 53	0 7	4 4	0 38	16 7	2 53	20 27	20 38	24 40	2 52	4 31
F 24	11 49	16 36	5 12	9 13	0 54	7 28	1 26	4 57	0 59	9 35	1 31	6 58	2 6	21 54	0 7	4 5	0 38	16 7	2 53	20 26	20 37	24 40	2 51	4 31
S 25	12 9	12 2	5 9	8 42	0 34	7 56	1 25	5 11	0 59	9 32	1 31	7 1	2 6	21 54	0 7	4 5	0 38	16 7	2 53	20 26	20 37	24 39	2 50	4 30
S 26	12 29	6 53	4 51	8 14	0 14	8 24	1 25	5 26	0 59	9 29	1 31	7 4	2 7	21 55	0 7	4 6	0 38	16 7	2 53	20 25	20 36	24 38	2 48	4 30
M27	12 49	1 19	4 18	7 51	0n 4	8 51	1 24	5 41	0 59	9 26	1 31	7 6	2 7	21 55	0 7	4 6	0 38	16 7	2 53	20 24	20 36	24 37	2 47	4 30
T 28	13 9	4s28	3 30	7 32	0 22	9 18	1 23	5 55	0 58	9 24	1 31	7 9	2 7	21 55	0 7	4 6	0 38	16 7	2 53	20 23	20 35	24 36	2 46	4 30
W29	13 28	10 11	2 30	7 19	0 38	9 45	1 23	6 10	0 58	9 21	1 31	7 11	2 7	21 56	0 7	4 7	0 38	16 7	2 53	20 22	20 34	24 36	2 45	4 30
T 30	13 47	15 32	1 20	7 11	0 53	10 12	1 22	6 25	0 58	9 18	1 31	7 14	2 7	21 56	0 7	4 7	0 38	16 7	2 53	20 22	20 34	24 35	2 44	4 29
F 31	14s 6	20s 8	0n 4	7s 8	1n 6	10s38	1n21	6s39	0n58	9n15	1s31	7s17	2n 7	21s57	0n 7	4s 8	0s38	16n 7	2s53	20n22	20n33	24n34	2n43	4n29

Julian Day Number = 3057755.5, Delta T = 02h29m55s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'31, Lahiri = 47°07'31

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

NOVEMBER 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 53	9♏ 8'40	15♐18	21♎39	2♏47	20♎ 5	27°R53	24♎10	12♐20	20°R57	4♌42	1♊56	2♊51	27♋48	26°R25	S 1
S 2	2 47 50	10° 7'47	29°33	22°22	4° 2	20°43	27♈46	24°18	12°24	20♓56	4°42	1°57	2°47	27°54	26♓23	S 2
M 3	2 51 47	11° 6'56	13♑50	23°14	5°17	21°21	27°38	24°25	12°27	20°55	4°42	1°59	2°44	28° 1	26°22	M 3
T 4	2 55 43	12° 6'06	28° 6	24°14	6°32	21°59	27°30	24°32	12°30	20°54	4°R42	2° 0	2°41	28° 8	26°20	T 4
W 5	2 59 40	13° 5'18	12♒19	25°20	7°47	22°37	27°23	24°40	12°34	20°53	4°42	2°R 0	2°38	28°14	26°18	W 5
T 6	3 3 36	14° 4'31	26°26	26°32	9° 2	23°15	27°16	24°47	12°37	20°52	4°42	2° 0	2°35	28°21	26°17	T 6
F 7	3 7 33	15° 3'46	10♓26	27°50	10°17	23°54	27° 8	24°54	12°40	20°52	4°42	1°59	2°32	28°28	26°15	F 7
S 8	3 11 29	16° 3'02	24°17	29°12	11°31	24°32	27° 1	25° 1	12°44	20°51	4°42	1°57	2°28	28°34	26°13	S 8
S 9	3 15 26	17° 2'21	7♈57	0♏38	12°46	25°10	26°54	25° 8	12°47	20°50	4°42	1°55	2°25	28°41	26°12	S 9
M10	3 19 22	18° 1'41	21°24	2° 7	14° 1	25°48	26°47	25°16	12°51	20°49	4°41	1°53	2°22	28°48	26°10	M10
T 11	3 23 19	19° 1'03	4♉38	3°40	15°16	26°26	26°40	25°23	12°54	20°49	4°41	1°51	2°19	28°55	26° 9	T 11
W12	3 27 16	20° 0'26	17°37	5°14	16°31	27° 4	26°33	25°30	12°58	20°48	4°41	1°50	2°16	29° 1	26° 8	W12
T 13	3 31 12	20°59'52	0♊20	6°50	17°46	27°42	26°27	25°37	13° 1	20°47	4°41	1°D50	2°13	29° 8	26° 6	T 13
F 14	3 35 9	21°59'20	12°50	8°28	19° 1	28°20	26°20	25°44	13° 5	20°47	4°41	1°50	2° 9	29°15	26° 5	F 14
S 15	3 39 5	22°58'50	25° 6	10° 7	20°16	28°58	26°14	25°51	13° 8	20°46	4°40	1°51	2° 6	29°21	26° 4	S 15
S 16	3 43 2	23°58'22	7♋11	11°47	21°31	29°36	26° 8	25°58	13°12	20°46	4°40	1°52	2° 3	29°28	26° 3	S 16
M17	3 46 58	24°57'56	19° 7	13°27	22°46	0♏15	26° 2	26° 5	13°16	20°45	4°40	1°52	2° 0	29°35	26° 2	M17
T 18	3 50 55	25°57'32	0♌59	15° 8	24° 1	0°53	25°56	26°12	13°19	20°45	4°39	1°53	1°57	29°41	26° 0	T 18
W19	3 54 52	26°57'10	12°50	16°49	25°16	1°31	25°50	26°19	13°23	20°44	4°39	1°54	1°53	29°48	25°59	W19
T 20	3 58 48	27°56'50	24°46	18°30	26°31	2° 9	25°44	26°25	13°27	20°44	4°39	1°R54	1°50	29°55	25°59	T 20
F 21	4 2 45	28°56'33	6♍49	20°11	27°46	2°47	25°39	26°32	13°30	20°44	4°38	1°54	1°47	0♌ 2	25°58	F 21
S 22	4 6 41	29°56'18	19° 6	21°52	29° 1	3°25	25°33	26°39	13°34	20°43	4°38	1°54	1°44	0° 8	25°57	S 22
S 23	4 10 38	0♐56'04	1♎40	23°33	0♐16	4° 3	25°28	26°46	13°37	20°43	4°38	1°53	1°41	0°15	25°56	S 23
M24	4 14 34	1°55'53	14°35	25°13	1°31	4°41	25°23	26°52	13°41	20°43	4°37	1°D53	1°38	0°22	25°55	M24
T 25	4 18 31	2°55'44	27°53	26°54	2°47	5°20	25°18	26°59	13°45	20°42	4°37	1°53	1°34	0°28	25°55	T 25
W26	4 22 27	3°55'37	11♏35	28°33	4° 2	5°58	25°14	27° 5	13°49	20°42	4°36	1°54	1°31	0°35	25°54	W26
T 27	4 26 24	4°55'32	25°39	0♐13	5°17	6°36	25° 9	27°12	13°52	20°42	4°36	1°R54	1°28	0°42	25°53	T 27
F 28	4 30 21	5°55'29	10♐ 1	1°52	6°32	7°14	25° 5	27°18	13°56	20°42	4°35	1°54	1°25	0°48	25°53	F 28
S 29	4 34 17	6°55'28	24°38	3°31	7°47	7°52	25° 1	27°25	14° 0	20°42	4°35	1°53	1°22	0°55	25°53	S 29
S 30	4 38 14	7♐55'29	9♑21	5♐ 9	9♐ 2	8♏30	24♈57	27♎31	14♐ 3	20♓42	4♌34	1♊53	1♊19	1♌ 2	25♓52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s25	23s38	1s13	7s10	1n18	11s 5	1n20	6s54	0n58	9n13	1s31	7s19	2n 7	21s57	0n 7	4s 8	0s38	16n 7	2s53	20n22	20n33	24n33	2n42	4n29
S 2	14 44	25 40	2 26	7 16	1 28	11 31	1 19	7 8	0 57	9 10	1 31	7 22	2 7	21 58	0 7	4 8	0 37	16 7	2 53	20 22	20 32	24 32	2 41	4 29
M 3	15 2	26 1	3 31	7 27	1 37	11 56	1 18	7 22	0 57	9 8	1 31	7 24	2 7	21 58	0 7	4 9	0 37	16 7	2 53	20 22	20 31	24 31	2 41	4 28
T 4	15 20	24 38	4 22	7 42	1 44	12 22	1 17	7 37	0 57	9 5	1 31	7 27	2 7	21 58	0 7	4 9	0 37	16 7	2 53	20 23	20 31	24 30	2 40	4 28
W 5	15 38	21 42	4 57	8 0	1 50	12 47	1 16	7 51	0 57	9 2	1 31	7 30	2 7	21 59	0 7	4 9	0 37	16 7	2 53	20 23	20 30	24 30	2 39	4 28
T 6	15 55	17 31	5 14	8 22	1 55	13 12	1 14	8 5	0 56	9 0	1 30	7 32	2 7	21 59	0 7	4 10	0 37	16 7	2 53	20 23	20 29	24 29	2 38	4 27
F 7	16 13	12 24	5 12	8 46	1 58	13 37	1 13	8 19	0 56	8 57	1 30	7 35	2 7	22 0	0 7	4 10	0 37	16 7	2 53	20 22	20 29	24 28	2 37	4 27
S 8	16 30	6 44	4 52	9 13	2 0	14 1	1 12	8 33	0 56	8 55	1 30	7 37	2 8	22 0	0 7	4 10	0 37	16 7	2 53	20 22	20 28	24 27	2 36	4 27
S 9	16 46	0 48	4 16	9 42	2 1	14 25	1 11	8 47	0 55	8 53	1 30	7 40	2 8	22 1	0 7	4 11	0 37	16 7	2 53	20 22	20 28	24 26	2 35	4 27
M10	17 3	5n 6	3 25	10 12	2 1	14 48	1 9	9 1	0 55	8 50	1 30	7 42	2 8	22 1	0 7	4 11	0 37	16 7	2 53	20 21	20 27	24 25	2 34	4 26
T 11	17 19	10 40	2 25	10 44	2 1	15 12	1 8	9 15	0 55	8 48	1 30	7 45	2 8	22 2	0 7	4 11	0 37	16 7	2 53	20 21	20 26	24 24	2 33	4 26
W12	17 35	15 41	1 18	11 17	1 59	15 34	1 6	9 29	0 55	8 46	1 30	7 47	2 8	22 2	0 7	4 11	0 37	16 7	2 53	20 21	20 26	24 23	2 33	4 26
T 13	17 51	19 54	0 8	11 50	1 57	15 57	1 4	9 43	0 54	8 43	1 29	7 49	2 8	22 3	0 7	4 12	0 37	16 7	2 53	20 21	20 25	24 22	2 32	4 25
F 14	18 6	23 8	1n 1	12 24	1 54	16 19	1 3	9 57	0 54	8 41	1 29	7 52	2 8	22 3	0 7	4 12	0 37	16 7	2 53	20 21	20 25	24 21	2 31	4 25
S 15	18 21	25 14	2 5	12 58	1 50	16 40	1 1	10 10	0 54	8 39	1 29	7 54	2 8	22 3	0 7	4 12	0 37	16 7	2 53	20 21	20 24	24 20	2 30	4 25
S 16	18 36	26 5	3 4	13 33	1 46	17 1	0 59	10 24	0 53	8 37	1 29	7 57	2 8	22 4	0 7	4 12	0 37	16 7	2 53	20 21	20 23	24 19	2 30	4 25
M17	18 50	25 43	3 53	14 7	1 42	17 22	0 58	10 38	0 53	8 35	1 29	7 59	2 9	22 4	0 7	4 12	0 37	16 7	2 53	20 21	20 23	24 18	2 29	4 24
T 18	19 4	24 11	4 32	14 41	1 37	17 42	0 56	10 51	0 53	8 33	1 29	8 1	2 9	22 5	0 7	4 13	0 37	16 7	2 53	20 21	20 22	24 18	2 28	4 24
W19	19 18	21 36	5 0	15 15	1 32	18 2	0 54	11 4	0 53	8 31	1 28	8 4	2 9	22 5	0 7	4 13	0 37	16 7	2 53	20 21	20 21	24 17	2 28	4 24
T 20	19 32	18 6	5 15	15 48	1 26	18 22	0 52	11 18	0 52	8 29	1 28	8 6	2 9	22 6	0 7	4 13	0 37	16 7	2 53	20 21	20 21	24 16	2 27	4 23
F 21	19 45	13 49	5 16	16 21	1 20	18 40	0 50	11 31	0 52	8 28	1 28	8 8	2 9	22 6	0 7	4 13	0 37	16 8	2 53	20 21	20 20	24 15	2 26	4 23
S 22	19 57	8 56	5 3	16 53	1 14	18 59	0 48	11 44	0 52	8 26	1 28	8 11	2 9	22 7	0 7	4 13	0 37	16 8	2 53	20 21	20 19	24 14	2 26	4 23
S 23	20 10	3 34	4 36	17 24	1 8	19 16	0 46	11 57	0 51	8 24	1 28	8 13	2 9	22 7	0 7	4 13	0 37	16 8	2 53	20 21	20 19	24 13	2 25	4 22
M24	20 22	2s 6	3 53	17 54	1 1	19 34	0 44	12 10	0 51	8 23	1 27	8 15	2 10	22 8	0 7	4 13	0 37	16 8	2 53	20 21	20 18	24 12	2 25	4 22
T 25	20 34	7 51	2 58	18 24	0 55	19 50	0 42	12 23	0 51	8 21	1 27	8 17	2 10	22 8	0 7	4 13	0 37	16 8	2 53	20 21	20 18	24 11	2 24	4 22
W26	20 45	13 25	1 50	18 53	0 48	20 7	0 40	12 36	0 50	8 20	1 27	8 19	2 10	22 8	0 7	4 13	0 37	16 8	2 53	20 21	20 17	24 10	2 23	4 22
T 27	20 56	18 26	0 35	19 20	0 41	20 22	0 38	12 49	0 50	8 18	1 27	8 22	2 10	22 9	0 7	4 14	0 37	16 8	2 53	20 21	20 16	24 8	2 23	4 21
F 28	21 6	22 30	0s45	19 47	0 35	20 37	0 36	13 1	0 50	8 17	1 26	8 24	2 10	22 9	0 7	4 14	0 37	16 8	2 53	20 21	20 16	24 7	2 22	4 21
S 29	21 16	25 10	2 3	20 13	0 28	20 52	0 33	13 14	0 49	8 15	1 26	8 26	2 10	22 10	0 7	4 14	0 37	16 8	2 53	20 21	20 15	24 6	2 22	4 21
S 30	21s26	26s 7	3s13	20s38	0n21	21s 6	0n31	13s26	0n49	8n14	1s26	8s28	2n10	22s10	0n 7	4s14	0s37	16n 9	2s53	20n21	20n14	24n 5	2n22	4n20

Julian Day Number = 3057786.5, Delta T = 02h29m56s
Ecliptic obliquity = 23°13'37, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'35, Lahiri = 47°07'35

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ASTRODIENST EPHEMERIS for the year 3659
geocentric

DECEMBER 3659 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 42 10	8♐55'31	24♑ 4	6♐47	10♐17	9♏ 8	24°R53	27♎37	14♐ 7	20°R42	4°R33	1°R52	1♊15	1♌ 9	25°R52	M 1
T 2	4 46 7	9°55'34	8♒41	8°25	11°33	9°47	24♈49	27°44	14°11	20°D42	4♌33	1♊51	1°12	1°15	25♓52	T 2
W 3	4 50 3	10°55'40	23° 7	10° 2	12°48	10°25	24°46	27°50	14°15	20♓42	4°32	1°51	1° 9	1°22	25°51	W 3
T 4	4 54 0	11°55'46	7♓17	11°39	14° 3	11° 3	24°43	27°56	14°18	20°42	4°31	1°D50	1° 6	1°29	25°51	T 4
F 5	4 57 56	12°55'54	21°10	13°15	15°18	11°41	24°40	28° 2	14°22	20°42	4°31	1°50	1° 3	1°35	25°51	F 5
S 6	5 1 53	13°56'03	4♈47	14°51	16°33	12°19	24°37	28° 8	14°26	20°42	4°30	1°51	0°59	1°42	25°D51	S 6
S 7	5 5 50	14°56'13	18° 6	16°27	17°48	12°57	24°35	28°14	14°30	20°42	4°29	1°52	0°56	1°49	25°51	S 7
M 8	5 9 46	15°56'26	1♉10	18° 2	19° 4	13°35	24°32	28°20	14°33	20°42	4°29	1°53	0°53	1°56	25°51	M 8
T 9	5 13 43	16°56'39	14° 0	19°37	20°19	14°14	24°30	28°26	14°37	20°43	4°28	1°54	0°50	2° 2	25°51	T 9
W10	5 17 39	17°56'54	26°37	21°12	21°34	14°52	24°28	28°32	14°41	20°43	4°27	1°R55	0°47	2° 9	25°52	W10
T 11	5 21 36	18°57'11	9♊ 3	22°46	22°49	15°30	24°26	28°37	14°45	20°43	4°26	1°55	0°44	2°16	25°52	T 11
F 12	5 25 32	19°57'29	21°19	24°20	24° 4	16° 8	24°25	28°43	14°48	20°44	4°25	1°54	0°40	2°22	25°52	F 12
S 13	5 29 29	20°57'49	3♋26	25°54	25°20	16°46	24°23	28°48	14°52	20°44	4°25	1°52	0°37	2°29	25°53	S 13
S 14	5 33 25	21°58'10	15°26	27°28	26°35	17°24	24°22	28°54	14°56	20°44	4°24	1°49	0°34	2°36	25°53	S 14
M15	5 37 22	22°58'33	27°20	29° 2	27°50	18° 3	24°21	28°59	15° 0	20°45	4°23	1°45	0°31	2°42	25°53	M15
T 16	5 41 19	23°58'58	9♌11	0♍35	29° 5	18°41	24°21	29° 5	15° 3	20°45	4°22	1°42	0°28	2°49	25°54	T 16
W17	5 45 15	24°59'24	21° 2	2° 8	0♍21	19°19	24°20	29°10	15° 7	20°46	4°21	1°38	0°25	2°56	25°55	W17
T 18	5 49 12	25°59'52	2♎56	3°41	1°36	19°57	24°20	29°15	15°11	20°46	4°20	1°35	0°21	3° 3	25°55	T 18
F 19	5 53 8	27° 0'21	14°58	5°14	2°51	20°35	24°D20	29°20	15°14	20°47	4°19	1°33	0°18	3° 9	25°56	F 19
S 20	5 57 5	28° 0'53	27°10	6°46	4° 6	21°14	24°20	29°26	15°18	20°48	4°18	1°D32	0°15	3°16	25°57	S 20
S 21	6 1 1	29° 1'26	9♎39	8°19	5°22	21°52	24°20	29°31	15°22	20°48	4°17	1°33	0°12	3°23	25°58	S 21
M22	6 4 58	0♍ 2'00	22°29	9°51	6°37	22°30	24°21	29°36	15°25	20°49	4°16	1°34	0° 9	3°29	25°59	M22
T 23	6 8 54	1° 2'36	5♏42	11°23	7°52	23° 8	24°21	29°40	15°29	20°50	4°15	1°36	0° 5	3°36	25°59	T 23
W24	6 12 51	2° 3'14	19°23	12°55	9° 7	23°46	24°22	29°45	15°33	20°50	4°14	1°37	0° 2	3°43	26° 0	W24
T 25	6 16 48	3° 3'53	3♐31	14°27	10°23	24°25	24°23	29°50	15°36	20°51	4°13	1°R38	29♉59	3°50	26° 2	T 25
F 26	6 20 44	4° 4'34	18° 4	15°58	11°38	25° 3	24°25	29°54	15°40	20°52	4°12	1°37	29°56	3°56	26° 3	F 26
S 27	6 24 41	5° 5'17	2♑58	17°30	12°53	25°41	24°26	29°59	15°44	20°53	4°11	1°34	29°53	4° 3	26° 4	S 27
S 28	6 28 37	6° 6'00	18° 4	19° 1	14° 9	26°19	24°28	0♏ 3	15°47	20°54	4°10	1°30	29°50	4°10	26° 5	S 28
M29	6 32 34	7° 6'45	3♒14	20°32	15°24	26°57	24°30	0° 8	15°51	20°55	4° 9	1°25	29°46	4°16	26° 6	M29
T 30	6 36 30	8° 7'30	18°16	22° 3	16°39	27°36	24°32	0°12	15°54	20°55	4° 8	1°19	29°43	4°23	26° 8	T 30
W31	6 40 27	9♑ 8'16	3♓ 2	23♑33	17♑55	28♏14	24♈34	0♏16	15♐58	20♓56	4♌ 7	1♊14	29♉40	4♌30	26♓ 9	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s36	25s13	4s11	21s 1	0n14	21s19	0n29	13s39	0n49	8n13	1s26	8s30	2n11	22s11	0n 7	4s14	0s37	16n 9	2s53	20n21	20n14	24n 4	2n21	4n20
T 2	21 44	22 37	4 51	21 24	0 7	21 32	0 27	13 51	0 48	8 12	1 26	8 32	2 11	22 11	0 7	4 14	0 37	16 9	2 53	20 21	20 13	24 3	2 21	4 20
W 3	21 53	18 37	5 13	21 45	0 0	21 44	0 24	14 3	0 48	8 11	1 25	8 34	2 11	22 12	0 7	4 14	0 37	16 9	2 53	20 21	20 12	24 2	2 20	4 19
T 4	22 1	13 39	5 15	22 6	0s 7	21 55	0 22	14 15	0 48	8 10	1 25	8 36	2 11	22 12	0 7	4 14	0 37	16 9	2 53	20 21	20 12	24 1	2 20	4 19
F 5	22 9	8 3	4 59	22 25	0 14	22 6	0 20	14 27	0 47	8 9	1 25	8 38	2 11	22 12	0 7	4 13	0 37	16 9	2 53	20 21	20 11	24 0	2 20	4 19
S 6	22 16	2 12	4 26	22 43	0 20	22 16	0 17	14 39	0 47	8 9	1 25	8 40	2 11	22 13	0 7	4 13	0 37	16 9	2 53	20 21	20 11	23 59	2 19	4 18
S 7	22 23	3n39	3 39	23 0	0 27	22 25	0 15	14 51	0 47	8 8	1 24	8 42	2 12	22 13	0 7	4 13	0 37	16 10	2 53	20 21	20 10	23 58	2 19	4 18
M 8	22 30	9 15	2 42	23 15	0 34	22 34	0 13	15 3	0 46	8 7	1 24	8 44	2 12	22 14	0 7	4 13	0 37	16 10	2 53	20 21	20 9	23 57	2 19	4 18
T 9	22 36	14 21	1 37	23 30	0 40	22 42	0 10	15 14	0 46	8 7	1 24	8 46	2 12	22 14	0 7	4 13	0 37	16 10	2 53	20 22	20 9	23 56	2 19	4 17
W10	22 41	18 45	0 29	23 43	0 47	22 50	0 8	15 26	0 46	8 6	1 23	8 48	2 12	22 15	0 7	4 13	0 37	16 10	2 53	20 22	20 8	23 54	2 18	4 17
T 11	22 46	22 16	0n39	23 55	0 53	22 57	0 6	15 37	0 45	8 6	1 23	8 49	2 12	22 15	0 7	4 13	0 37	16 10	2 53	20 22	20 7	23 53	2 18	4 17
F 12	22 51	24 42	1 45	24 5	0 59	23 3	0 3	15 48	0 45	8 6	1 23	8 51	2 13	22 15	0 7	4 13	0 37	16 11	2 53	20 21	20 7	23 52	2 18	4 16
S 13	22 55	25 56	2 45	24 15	1 5	23 8	0 1	15 59	0 44	8 5	1 23	8 53	2 13	22 16	0 7	4 13	0 37	16 11	2 53	20 21	20 6	23 51	2 18	4 16
S 14	22 59	25 56	3 37	24 23	1 11	23 13	0s 2	16 10	0 44	8 5	1 22	8 55	2 13	22 16	0 7	4 12	0 37	16 11	2 53	20 20	20 5	23 50	2 18	4 16
M15	23 3	24 45	4 19	24 30	1 17	23 17	0 4	16 21	0 44	8 5	1 22	8 56	2 13	22 17	0 7	4 12	0 37	16 11	2 53	20 20	20 5	23 49	2 18	4 15
T 16	23 5	22 28	4 50	24 36	1 22	23 20	0 7	16 32	0 43	8 5	1 22	8 58	2 13	22 17	0 7	4 12	0 37	16 11	2 53	20 19	20 4	23 48	2 18	4 15
W17	23 8	19 14	5 9	24 40	1 28	23 23	0 9	16 43	0 43	8 5	1 22	9 0	2 14	22 18	0 7	4 12	0 37	16 12	2 53	20 18	20 3	23 46	2 18	4 15
T 18	23 10	15 13	5 14	24 43	1 33	23 24	0 11	16 53	0 42	8 5	1 21	9 1	2 14	22 18	0 7	4 12	0 37	16 12	2 53	20 18	20 3	23 45	2 18	4 15
F 19	23 12	10 34	5 5	24 45	1 38	23 26	0 14	17 4	0 42	8 5	1 21	9 3	2 14	22 18	0 7	4 11	0 37	16 12	2 53	20 17	20 2	23 44	2 18	4 14
S 20	23 13	5 27	4 43	24 46	1 42	23 26	0 16	17 14	0 42	8 6	1 21	9 5	2 14	22 19	0 7	4 11	0 37	16 12	2 53	20 17	20 1	23 43	2 18	4 14
S 21	23 13	0 0	4 7	24 45	1 47	23 26	0 19	17 24	0 41	8 6	1 20	9 6	2 14	22 19	0 7	4 11	0 37	16 13	2 53	20 17	20 1	23 42	2 18	4 14
M22	23 14	5s36	3 18	24 43	1 51	23 25	0 21	17 34	0 41	8 7	1 20	9 8	2 15	22 20	0 7	4 11	0 37	16 13	2 53	20 18	20 0	23 41	2 18	4 13
T 23	23 13	11 9	2 17	24 40	1 55	23 23	0 23	17 44	0 40	8 7	1 20	9 9	2 15	22 20	0 7	4 10	0 37	16 13	2 53	20 18	19 59	23 39	2 18	4 13
W24	23 13	16 21	1 7	24 35	1 59	23 21	0 26	17 54	0 40	8 8	1 20	9 10	2 15	22 20	0 7	4 10	0 37	16 13	2 53	20 18	19 59	23 38	2 18	4 13
T 25	23 12	20 50	0s10	24 29	2 3	23 17	0 28	18 4	0 40	8 8	1 19	9 12	2 15	22 21	0 7	4 10	0 37	16 14	2 53	20 18	19 58	23 37	2 18	4 12
F 26	23 10	24 10	1 29	24 22	2 6	23 14	0 30	18 14	0 39	8 9	1 19	9 13	2 16	22 21	0 7	4 9	0 37	16 14	2 53	20 18	19 57	23 36	2 18	4 12
S 27	23 8	25 54	2 43	24 14	2 9	23 9	0 33	18 23	0 39	8 10	1 19	9 15	2 16	22 22	0 7	4 9	0 37	16 14	2 53	20 18	19 57	23 34	2 18	4 12
S 28	23 5	25 45	3 46	24 4	2 12	23 4	0 35	18 32	0 38	8 11	1 19	9 16	2 16	22 22	0 7	4 9	0 37	16 14	2 53	20 17	19 56	23 33	2 19	4 11
M29	23 2	23 42	4 34	23 53	2 14	22 58	0 37	18 41	0 38	8 12	1 18	9 17	2 16	22 22	0 7	4 8	0 37	16 15	2 53	20 16	19 55	23 32	2 19	4 11
T 30	22 59	20 1	5 3	23 40	2 16	22 51	0 39	18 51	0 37	8 13	1 18	9 19	2 17	22 23	0 7	4 8	0 37	16 15	2 53	20 14	19 55	23 31	2 19	4 11
W31	22s55	15s 8	5s10	23s27	2s17	22s44	0s42	18s59	0n37	8n14	1s18	9s20	2n17	22s23	0n 7	4s 8	0s37	16n15	2s53	20n13	19n54	23n29	2n19	4n10

Julian Day Number = 3057816.5, Delta T = 02h29m56s
Ecliptic obliquity = 23°13'37, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'39, Lahiri = 47°07'40

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

JANUARY 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 24	10♉ 9'04	17♓26	25♉ 4	19♉10	28♏52	24♈37	0♏20	16♐ 1	20♓57	4°R 6	1°R10	29♉37	4♌37	26♓11	T 1
F 2	6 48 20	11° 9'51	1♈26	26°33	20°25	29°30	24°40	0°24	16° 5	20°58	4♌ 5	1♊ 8	29°34	4°43	26°12	F 2
S 3	6 52 17	12°10'40	15° 0	28° 3	21°41	0♐ 9	24°43	0°28	16° 8	21° 0	4° 4	1°D 8	29°31	4°50	26°14	S 3
S 4	6 56 13	13°11'29	28°12	29°31	22°56	0°47	24°46	0°32	16°12	21° 1	4° 3	1° 9	29°27	4°57	26°15	S 4
M 5	7 0 10	14°12'19	11♉ 3	0♒59	24°11	1°25	24°49	0°36	16°15	21° 2	4° 1	1°10	29°24	5° 3	26°17	M 5
T 6	7 4 6	15°13'10	23°37	2°26	25°26	2° 3	24°53	0°40	16°19	21° 3	4° 0	1°11	29°21	5°10	26°19	T 6
W 7	7 8 3	16°14'01	5♊58	3°52	26°42	2°41	24°57	0°43	16°22	21° 4	3°59	1°R11	29°18	5°17	26°20	W 7
T 8	7 11 59	17°14'53	18° 9	5°18	27°57	3°20	25° 1	0°47	16°25	21° 5	3°58	1°10	29°15	5°23	26°22	T 8
F 9	7 15 56	18°15'46	0♋12	6°41	29°12	3°58	25° 5	0°50	16°29	21° 7	3°57	1° 6	29°11	5°30	26°24	F 9
S 10	7 19 53	19°16'40	12°10	8° 3	0♒28	4°36	25° 9	0°53	16°32	21° 8	3°56	1° 0	29° 8	5°37	26°26	S 10
S 11	7 23 49	20°17'34	24° 5	9°24	1°43	5°14	25°14	0°57	16°35	21° 9	3°54	0°51	29° 5	5°44	26°28	S 11
M12	7 27 46	21°18'29	5♌57	10°42	2°58	5°52	25°18	1° 0	16°39	21°10	3°53	0°41	29° 2	5°50	26°30	M12
T 13	7 31 42	22°19'25	17°49	11°58	4°14	6°31	25°23	1° 3	16°42	21°12	3°52	0°31	28°59	5°57	26°32	T 13
W14	7 35 39	23°20'22	29°41	13°10	5°29	7° 9	25°28	1° 6	16°45	21°13	3°51	0°20	28°56	6° 4	26°34	W14
T 15	7 39 35	24°21'19	11♍37	14°20	6°44	7°47	25°34	1° 8	16°48	21°15	3°50	0°11	28°52	6°10	26°36	T 15
F 16	7 43 32	25°22'17	23°39	15°25	7°59	8°25	25°39	1°11	16°51	21°16	3°48	0° 4	28°49	6°17	26°39	F 16
S 17	7 47 29	26°23'16	5♎51	16°25	9°15	9° 4	25°45	1°14	16°54	21°18	3°47	29♉59	28°46	6°24	26°41	S 17
S 18	7 51 25	27°24'16	18°16	17°21	10°30	9°42	25°50	1°16	16°58	21°19	3°46	29°57	28°43	6°31	26°43	S 18
M19	7 55 22	28°25'16	0♏58	18°10	11°45	10°20	25°56	1°19	17° 1	21°21	3°45	29°D56	28°40	6°37	26°46	M19
T 20	7 59 18	29°26'17	14° 3	18°52	13° 1	10°58	26° 2	1°21	17° 4	21°22	3°43	29°57	28°37	6°44	26°48	T 20
W21	8 3 15	0♒27'19	27°33	19°26	14°16	11°36	26° 9	1°23	17° 7	21°24	3°42	29°R58	28°33	6°51	26°50	W21
T 22	8 7 11	1°28'22	11♐32	19°52	15°31	12°15	26°15	1°25	17°10	21°25	3°41	29°57	28°30	6°57	26°53	T 22
F 23	8 11 8	2°29'26	26° 0	20° 8	16°46	12°53	26°22	1°27	17°12	21°27	3°40	29°54	28°27	7° 4	26°56	F 23
S 24	8 15 4	3°30'30	10♉53	20°R14	18° 2	13°31	26°29	1°29	17°15	21°29	3°38	29°49	28°24	7°11	26°58	S 24
S 25	8 19 1	4°31'34	26° 5	20° 8	19°17	14° 9	26°36	1°31	17°18	21°30	3°37	29°41	28°21	7°18	27° 1	S 25
M26	8 22 58	5°32'39	11♒26	19°51	20°32	14°48	26°43	1°32	17°21	21°32	3°36	29°32	28°17	7°24	27° 3	M26
T 27	8 26 54	6°33'44	26°44	19°22	21°48	15°26	26°50	1°34	17°24	21°34	3°35	29°21	28°14	7°31	27° 6	T 27
W28	8 30 51	7°34'49	11♓48	18°41	23° 3	16° 4	26°58	1°35	17°27	21°35	3°34	29°11	28°11	7°38	27° 9	W28
T 29	8 34 47	8°35'53	26°30	17°49	24°18	16°42	27° 5	1°37	17°29	21°37	3°32	29° 3	28° 8	7°44	27°12	T 29
F 30	8 38 44	9°36'58	10♈43	16°47	25°33	17°20	27°13	1°38	17°32	21°39	3°31	28°57	28° 5	7°51	27°14	F 30
S 31	8 42 40	10♒38'02	24♈26	15♒37	26♒48	17♐59	27♈21	1♏39	17♐35	21♓41	3♌30	28♉54	28♉ 2	7♌58	27♓17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s51	9s30	4s58	23s12	2s19	22s36	0s44	19s 8	0n36	8n15	1s17	9s21	2n17	22s23	0n 7	4s 7	0s37	16n15	2s53	20n13	19n53	23n28	2n20	4n10
F 2	22 46	3 33	4 28	22 56	2 19	22 27	0 46	19 17	0 36	8 16	1 17	9 22	2 17	22 24	0 7	4 7	0 37	16 16	2 53	20 12	19 53	23 27	2 20	4 10
S 3	22 41	2n24	3 44	22 39	2 20	22 17	0 48	19 25	0 35	8 18	1 17	9 23	2 17	22 24	0 7	4 6	0 37	16 16	2 53	20 12	19 52	23 26	2 20	4 10
S 4	22 35	8 6	2 49	22 21	2 19	22 7	0 50	19 34	0 35	8 19	1 17	9 24	2 18	22 25	0 7	4 6	0 37	16 16	2 53	20 12	19 51	23 24	2 21	4 9
M 5	22 29	13 19	1 47	22 1	2 19	21 57	0 52	19 42	0 35	8 21	1 16	9 25	2 18	22 25	0 7	4 5	0 37	16 17	2 53	20 13	19 51	23 23	2 21	4 9
T 6	22 22	17 51	0 41	21 40	2 17	21 45	0 54	19 50	0 34	8 22	1 16	9 26	2 18	22 25	0 7	4 5	0 37	16 17	2 53	20 13	19 50	23 22	2 21	4 9
W 7	22 15	21 32	0n26	21 19	2 16	21 33	0 56	19 58	0 34	8 24	1 16	9 27	2 18	22 26	0 7	4 4	0 37	16 17	2 53	20 13	19 49	23 20	2 22	4 8
T 8	22 8	24 12	1 30	20 56	2 13	21 20	0 58	20 6	0 33	8 25	1 15	9 28	2 19	22 26	0 7	4 4	0 37	16 17	2 53	20 13	19 49	23 19	2 22	4 8
F 9	22 0	25 44	2 30	20 32	2 10	21 7	1 0	20 13	0 33	8 27	1 15	9 29	2 19	22 26	0 7	4 4	0 37	16 18	2 53	20 12	19 48	23 18	2 23	4 8
S 10	21 51	26 2	3 22	20 8	2 6	20 53	1 2	20 21	0 32	8 29	1 15	9 30	2 19	22 27	0 7	4 3	0 37	16 18	2 53	20 11	19 47	23 16	2 23	4 8
S 11	21 43	25 8	4 5	19 42	2 2	20 38	1 4	20 28	0 32	8 31	1 15	9 31	2 20	22 27	0 7	4 2	0 37	16 18	2 53	20 9	19 47	23 15	2 24	4 7
M12	21 33	23 6	4 38	19 16	1 57	20 23	1 6	20 35	0 31	8 33	1 14	9 32	2 20	22 27	0 7	4 2	0 37	16 19	2 53	20 7	19 46	23 14	2 24	4 7
T 13	21 24	20 5	4 58	18 50	1 51	20 7	1 7	20 42	0 31	8 35	1 14	9 33	2 20	22 28	0 7	4 1	0 37	16 19	2 53	20 5	19 45	23 12	2 25	4 7
W14	21 14	16 15	5 5	18 22	1 44	19 51	1 9	20 49	0 30	8 37	1 14	9 33	2 20	22 28	0 7	4 1	0 37	16 19	2 52	20 2	19 45	23 11	2 25	4 6
T 15	21 3	11 45	4 59	17 55	1 36	19 34	1 11	20 56	0 30	8 39	1 14	9 34	2 21	22 28	0 7	4 0	0 37	16 20	2 52	20 1	19 44	23 10	2 26	4 6
F 16	20 53	6 47	4 40	17 28	1 27	19 16	1 12	21 2	0 29	8 41	1 13	9 35	2 21	22 29	0 7	4 0	0 37	16 20	2 52	19 59	19 43	23 8	2 27	4 6
S 17	20 41	1 30	4 8	17 0	1 17	18 58	1 14	21 9	0 28	8 44	1 13	9 35	2 21	22 29	0 7	3 59	0 37	16 20	2 52	19 58	19 42	23 7	2 27	4 6
S 18	20 30	3s57	3 24	16 33	1 6	18 40	1 15	21 15	0 28	8 46	1 13	9 36	2 21	22 29	0 7	3 59	0 37	16 21	2 52	19 58	19 42	23 6	2 28	4 5
M19	20 18	9 23	2 29	16 7	0 54	18 20	1 17	21 21	0 27	8 48	1 13	9 36	2 22	22 29	0 7	3 58	0 37	16 21	2 52	19 57	19 41	23 4	2 29	4 5
T 20	20 5	14 34	1 24	15 42	0 41	18 1	1 18	21 27	0 27	8 51	1 12	9 37	2 22	22 30	0 7	3 57	0 37	16 21	2 52	19 58	19 40	23 3	2 29	4 5
W21	19 52	19 14	0 13	15 17	0 27	17 40	1 20	21 33	0 26	8 53	1 12	9 37	2 22	22 30	0 7	3 57	0 37	16 22	2 52	19 58	19 40	23 1	2 30	4 5
T 22	19 39	22 59	1s 1	14 55	0 12	17 20	1 21	21 38	0 26	8 56	1 12	9 38	2 22	22 30	0 7	3 56	0 37	16 22	2 52	19 58	19 39	23 0	2 31	4 4
F 23	19 26	25 24	2 14	14 34	0n 4	16 58	1 22	21 44	0 25	8 58	1 12	9 38	2 23	22 31	0 6	3 55	0 37	16 22	2 52	19 57	19 38	22 59	2 32	4 4
S 24	19 12	26 6	3 20	14 16	0 22	16 37	1 23	21 49	0 25	9 1	1 11	9 39	2 23	22 31	0 6	3 55	0 37	16 23	2 52	19 56	19 38	22 57	2 32	4 4
S 25	18 58	24 53	4 12	14 1	0 40	16 15	1 24	21 54	0 24	9 4	1 11	9 39	2 23	22 31	0 6	3 54	0 37	16 23	2 52	19 54	19 37	22 56	2 33	4 3
M26	18 43	21 48	4 48	13 48	0 58	15 52	1 25	21 59	0 23	9 7	1 11	9 39	2 24	22 31	0 6	3 53	0 37	16 23	2 52	19 52	19 36	22 54	2 34	4 3
T 27	18 28	17 14	5 2	13 39	1 17	15 29	1 26	22 4	0 23	9 9	1 11	9 40	2 24	22 32	0 6	3 53	0 37	16 24	2 52	19 50	19 36	22 53	2 35	4 3
W28	18 13	11 37	4 55	13 34	1 36	15 5	1 27	22 8	0 22	9 12	1 10	9 40	2 24	22 32	0 6	3 52	0 37	16 24	2 52	19 48	19 35	22 51	2 36	4 3
T 29	17 57	5 30	4 29	13 32	1 55	14 42	1 28	22 13	0 22	9 15	1 10	9 40	2 24	22 32	0 6	3 51	0 37	16 24	2 52	19 46	19 34	22 50	2 37	4 3
F 30	17 41	0n44	3 46	13 33	2 13	14 17	1 29	22 17	0 21	9 18	1 10	9 40	2 25	22 32	0 6	3 51	0 37	16 25	2 52	19 45	19 33	22 49	2 37	4 2
S 31	17s25	6n43	2s52	13s38	2n29	13s53	1s30	22s21	0n20	9n21	1s10	9s40	2n25	22s33	0n 6	3s50	0s37	16n25	2s52	19n44	19n33	22n47	2n38	4n 2

Julian Day Number = 3057847.5, Delta T = 02h29m57s
Ecliptic obliquity = 23°13'37, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'43, Lahiri = 47°07'44

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

FEBRUARY 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 46 37	11♒39'06	7♉40	14°R21	28♒ 4	18♐37	27♈29	1♏40	17♐37	21♓43	3°R29	28°D53	27♉58	8♌ 5	27♓20	S 1
M 2	8 50 33	12°40'10	20°30	13♒ 1	29°19	19°15	27°37	1°41	17°40	21°45	3♌27	28♉53	27°55	8°11	27°23	M 2
T 3	8 54 30	13°41'14	2♊59	11°41	0♓34	19°53	27°46	1°42	17°42	21°46	3°26	28°R53	27°52	8°18	27°26	T 3
W 4	8 58 27	14°42'17	15°13	10°21	1°49	20°31	27°54	1°42	17°45	21°48	3°25	28°52	27°49	8°25	27°29	W 4
T 5	9 2 23	15°43'20	27°15	9° 6	3° 4	21° 9	28° 3	1°43	17°47	21°50	3°24	28°48	27°46	8°31	27°32	T 5
F 6	9 6 20	16°44'23	9♋11	7°57	4°20	21°48	28°12	1°43	17°49	21°52	3°23	28°42	27°43	8°38	27°35	F 6
S 7	9 10 16	17°45'25	21° 3	6°55	5°35	22°26	28°21	1°44	17°52	21°54	3°21	28°33	27°39	8°45	27°38	S 7
S 8	9 14 13	18°46'27	2♌54	6° 2	6°50	23° 4	28°30	1°44	17°54	21°56	3°20	28°21	27°36	8°52	27°42	S 8
M 9	9 18 9	19°47'29	14°47	5°18	8° 5	23°42	28°39	1°44	17°56	21°58	3°19	28° 7	27°33	8°58	27°45	M 9
T 10	9 22 6	20°48'30	26°41	4°44	9°20	24°20	28°48	1°R44	17°58	22° 0	3°18	27°52	27°30	9° 5	27°48	T 10
W11	9 26 2	21°49'31	8♍39	4°20	10°35	24°58	28°58	1°44	18° 1	22° 2	3°17	27°37	27°27	9°12	27°51	W11
T 12	9 29 59	22°50'32	20°42	4° 5	11°50	25°36	29° 8	1°44	18° 3	22° 4	3°16	27°24	27°23	9°18	27°54	T 12
F 13	9 33 56	23°51'32	2♎51	3°D59	13° 5	26°15	29°17	1°44	18° 5	22° 6	3°14	27°13	27°20	9°25	27°58	F 13
S 14	9 37 52	24°52'32	15° 8	4° 1	14°20	26°53	29°27	1°43	18° 7	22° 8	3°13	27° 5	27°17	9°32	28° 1	S 14
S 15	9 41 49	25°53'32	27°36	4°12	15°35	27°31	29°37	1°43	18° 9	22°10	3°12	27° 0	27°14	9°39	28° 4	S 15
M16	9 45 45	26°54'32	10♏18	4°30	16°50	28° 9	29°47	1°42	18°11	22°12	3°11	26°58	27°11	9°45	28° 8	M16
T 17	9 49 42	27°55'31	23°18	4°54	18° 5	28°47	29°58	1°41	18°13	22°15	3°10	26°57	27° 8	9°52	28°11	T 17
W18	9 53 38	28°56'30	6♐40	5°24	19°20	29°25	0♉ 8	1°40	18°14	22°17	3° 9	26°57	27° 4	9°59	28°15	W18
T 19	9 57 35	29°57'29	20°26	6° 0	20°35	0♑ 3	0°18	1°40	18°16	22°19	3° 8	26°56	27° 1	10° 5	28°18	T 19
F 20	10 1 31	0♓58'28	4♑39	6°41	21°50	0°41	0°29	1°38	18°18	22°21	3° 7	26°53	26°58	10°12	28°21	F 20
S 21	10 5 28	1°59'26	19°16	7°26	23° 5	1°19	0°40	1°37	18°20	22°23	3° 6	26°48	26°55	10°19	28°25	S 21
S 22	10 9 25	3° 0'24	4♒15	8°15	24°20	1°58	0°51	1°36	18°21	22°25	3° 4	26°39	26°52	10°26	28°29	S 22
M23	10 13 21	4° 1'21	19°27	9° 9	25°35	2°36	1° 2	1°35	18°23	22°27	3° 3	26°28	26°49	10°32	28°32	M23
T 24	10 17 18	5° 2'17	4♓42	10° 5	26°49	3°14	1°13	1°33	18°24	22°30	3° 2	26°17	26°45	10°39	28°36	T 24
W25	10 21 14	6° 3'13	19°49	11° 4	28° 4	3°52	1°24	1°32	18°26	22°32	3° 1	26° 5	26°42	10°46	28°39	W25
T 26	10 25 11	7° 4'08	4♈37	12° 7	29°19	4°30	1°35	1°30	18°27	22°34	3° 0	25°56	26°39	10°53	28°43	T 26
F 27	10 29 7	8° 5'01	19° 0	13°11	0♈34	5° 8	1°46	1°28	18°29	22°36	2°59	25°48	26°36	10°59	28°46	F 27
S 28	10 33 4	9° 5'53	2♉53	14°19	1°49	5°46	1°58	1°26	18°30	22°38	2°58	25°44	26°33	11° 6	28°50	S 28
S 29	10 37 0	10♓ 6'45	16♉16	15♒28	3♈ 3	6♑24	2♉ 9	1♏24	18♐31	22♓41	2♌57	25♉42	26♉29	11♌13	28♓54	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 8	12n13	1s50	13s46	2n44	13s27	1s30	22s25	0n20	9n24	1s 9	9s40	2n25	22s33	0n 6	3s49	0s37	16n25	2s51	19n44	19n32	22n46	2n39	4n 2
M 2	16 51	17 0	0 44	13 56	2 57	13 2	1 31	22 29	0 19	9 28	1 9	9 40	2 26	22 33	0 6	3 49	0 37	16 26	2 51	19 44	19 31	22 44	2 40	4 2
T 3	16 34	20 56	0n22	14 8	3 7	12 36	1 32	22 32	0 18	9 31	1 9	9 40	2 26	22 33	0 6	3 48	0 37	16 26	2 51	19 44	19 31	22 43	2 41	4 1
W 4	16 17	23 50	1 25	14 22	3 15	12 10	1 32	22 36	0 18	9 34	1 9	9 40	2 26	22 34	0 6	3 47	0 37	16 26	2 51	19 44	19 30	22 41	2 42	4 1
T 5	15 59	25 36	2 24	14 36	3 20	11 44	1 32	22 39	0 17	9 37	1 8	9 40	2 26	22 34	0 6	3 46	0 37	16 27	2 51	19 43	19 29	22 40	2 43	4 1
F 6	15 41	26 10	3 16	14 51	3 22	11 17	1 33	22 42	0 16	9 41	1 8	9 40	2 27	22 34	0 6	3 46	0 37	16 27	2 51	19 42	19 28	22 38	2 44	4 1
S 7	15 22	25 31	3 59	15 7	3 23	10 50	1 33	22 45	0 16	9 44	1 8	9 40	2 27	22 34	0 6	3 45	0 37	16 27	2 51	19 40	19 28	22 37	2 45	4 0
S 8	15 4	23 44	4 31	15 21	3 21	10 22	1 33	22 48	0 15	9 47	1 8	9 40	2 27	22 35	0 6	3 44	0 37	16 28	2 51	19 37	19 27	22 35	2 46	4 0
M 9	14 45	20 54	4 51	15 36	3 17	9 55	1 33	22 50	0 14	9 51	1 8	9 40	2 28	22 35	0 6	3 43	0 37	16 28	2 51	19 34	19 26	22 34	2 47	4 0
T 10	14 26	17 12	4 59	15 49	3 11	9 27	1 33	22 53	0 14	9 54	1 7	9 39	2 28	22 35	0 6	3 42	0 37	16 28	2 51	19 31	19 26	22 32	2 48	4 0
W11	14 6	12 48	4 54	16 1	3 4	8 59	1 33	22 55	0 13	9 58	1 7	9 39	2 28	22 35	0 6	3 42	0 37	16 29	2 51	19 27	19 25	22 31	2 49	4 0
T 12	13 47	7 53	4 35	16 13	2 56	8 30	1 33	22 57	0 12	10 1	1 7	9 39	2 28	22 35	0 6	3 41	0 37	16 29	2 51	19 24	19 24	22 29	2 51	3 59
F 13	13 27	2 37	4 4	16 23	2 47	8 2	1 33	22 59	0 12	10 5	1 7	9 38	2 29	22 36	0 6	3 40	0 37	16 29	2 51	19 22	19 23	22 27	2 52	3 59
S 14	13 7	2s48	3 21	16 32	2 37	7 33	1 33	23 0	0 11	10 9	1 7	9 38	2 29	22 36	0 6	3 39	0 37	16 30	2 50	19 20	19 23	22 26	2 53	3 59
S 15	12 47	8 13	2 28	16 39	2 27	7 4	1 33	23 2	0 10	10 12	1 6	9 38	2 29	22 36	0 6	3 38	0 37	16 30	2 50	19 19	19 22	22 24	2 54	3 59
M16	12 26	13 24	1 27	16 46	2 16	6 34	1 32	23 3	0 10	10 16	1 6	9 37	2 29	22 36	0 6	3 38	0 37	16 30	2 50	19 18	19 21	22 23	2 55	3 59
T 17	12 5	18 7	0 19	16 50	2 6	6 5	1 32	23 4	0 9	10 20	1 6	9 37	2 30	22 36	0 6	3 37	0 37	16 31	2 50	19 18	19 21	22 21	2 56	3 59
W18	11 44	22 4	0s51	16 54	1 55	5 35	1 32	23 5	0 8	10 23	1 6	9 36	2 30	22 36	0 6	3 36	0 37	16 31	2 50	19 18	19 20	22 20	2 57	3 58
T 19	11 23	24 53	2 1	16 56	1 43	5 6	1 31	23 6	0 7	10 27	1 6	9 36	2 30	22 37	0 6	3 35	0 37	16 31	2 50	19 18	19 19	22 18	2 59	3 58
F 20	11 2	26 13	3 5	16 57	1 32	4 36	1 30	23 7	0 7	10 31	1 5	9 35	2 31	22 37	0 6	3 34	0 37	16 32	2 50	19 17	19 18	22 16	3 0	3 58
S 21	10 40	25 48	3 59	16 56	1 21	4 6	1 30	23 7	0 6	10 35	1 5	9 34	2 31	22 37	0 6	3 33	0 37	16 32	2 50	19 16	19 18	22 15	3 1	3 58
S 22	10 19	23 31	4 38	16 54	1 11	3 36	1 29	23 8	0 5	10 39	1 5	9 34	2 31	22 37	0 6	3 33	0 37	16 32	2 50	19 14	19 17	22 13	3 2	3 58
M23	9 57	19 34	4 58	16 51	1 0	3 5	1 28	23 8	0 4	10 43	1 5	9 33	2 31	22 37	0 6	3 32	0 37	16 33	2 50	19 12	19 16	22 12	3 4	3 58
T 24	9 35	14 19	4 57	16 46	0 49	2 35	1 27	23 8	0 3	10 47	1 5	9 32	2 32	22 37	0 6	3 31	0 37	16 33	2 50	19 9	19 16	22 10	3 5	3 57
W25	9 13	8 13	4 35	16 40	0 39	2 5	1 26	23 8	0 3	10 51	1 4	9 31	2 32	22 37	0 6	3 30	0 37	16 33	2 50	19 6	19 15	22 8	3 6	3 57
T 26	8 50	1 47	3 55	16 33	0 29	1 34	1 25	23 7	0 2	10 55	1 4	9 31	2 32	22 38	0 6	3 29	0 37	16 34	2 49	19 4	19 14	22 7	3 7	3 57
F 27	8 28	4n35	3 1	16 25	0 19	1 4	1 24	23 7	0 1	10 59	1 4	9 30	2 32	22 38	0 6	3 28	0 37	16 34	2 49	19 2	19 13	22 5	3 9	3 57
S 28	8 5	10 31	1 58	16 15	0 9	0 33	1 23	23 6	0 0	11 3	1 4	9 29	2 33	22 38	0 6	3 27	0 37	16 34	2 49	19 1	19 13	22 3	3 10	3 57
S 29	7s43	15n46	0s50	16s 4	0s 0	0s 3	1s21	23s 5	0s 1	11n 7	1s 4	9s28	2n33	22s38	0n 6	3s27	0s37	16n35	2s49	19n 1	19n12	22n 2	3n11	3n57

Julian Day Number = 3057878.5, Delta T = 02h29m58s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'48, Lahiri = 47°07'48

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

MARCH 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 40 57	11♓ 7'35	29♉11	16♒39	4♈18	7♑ 2	2♉21	1°R22	18♐32	22♓43	2°R57	25°D42	26♉26	11♌19	28♓57	M 1
T 2	10 44 54	12° 8'24	11♊44	17°52	5°33	7°40	2°33	1♏20	18°33	22°45	2♌56	25°R42	26°23	11°26	29° 1	T 2
W 3	10 48 50	13° 9'11	23°59	19° 6	6°47	8°18	2°44	1°18	18°35	22°47	2°55	25♉42	26°20	11°33	29° 5	W 3
T 4	10 52 47	14° 9'58	6♋ 0	20°23	8° 2	8°55	2°56	1°15	18°36	22°50	2°54	25°39	26°17	11°40	29° 8	T 4
F 5	10 56 43	15°10'43	17°54	21°40	9°16	9°33	3° 8	1°13	18°37	22°52	2°53	25°35	26°14	11°46	29°12	F 5
S 6	11 0 40	16°11'26	29°45	22°59	10°31	10°11	3°21	1°10	18°38	22°54	2°52	25°27	26°10	11°53	29°16	S 6
S 7	11 4 36	17°12'08	11♌35	24°20	11°45	10°49	3°33	1° 8	18°38	22°57	2°51	25°17	26° 7	12° 0	29°20	S 7
M 8	11 8 33	18°12'49	23°29	25°41	13° 0	11°27	3°45	1° 5	18°39	22°59	2°50	25° 5	26° 4	12° 6	29°23	M 8
T 9	11 12 29	19°13'29	5♍28	27° 4	14°14	12° 5	3°57	1° 2	18°40	23° 1	2°50	24°52	26° 1	12°13	29°27	T 9
W10	11 16 26	20°14'07	17°34	28°28	15°28	12°43	4°10	0°59	18°41	23° 3	2°49	24°39	25°58	12°20	29°31	W10
T 11	11 20 23	21°14'44	29°48	29°53	16°43	13°21	4°22	0°56	18°41	23° 6	2°48	24°28	25°54	12°27	29°35	T 11
F 12	11 24 19	22°15'19	12♎10	1♓19	17°57	13°58	4°35	0°53	18°42	23° 8	2°47	24°18	25°51	12°33	29°39	F 12
S 13	11 28 16	23°15'54	24°41	2°47	19°11	14°36	4°47	0°50	18°43	23°10	2°47	24°12	25°48	12°40	29°42	S 13
S 14	11 32 12	24°16'27	7♏22	4°15	20°26	15°14	5° 0	0°46	18°43	23°12	2°46	24° 8	25°45	12°47	29°46	S 14
M15	11 36 9	25°16'59	20°15	5°44	21°40	15°52	5°13	0°43	18°44	23°15	2°45	24°D 6	25°42	12°53	29°50	M15
T 16	11 40 5	26°17'30	3♐22	7°14	22°54	16°29	5°26	0°40	18°44	23°17	2°44	24° 6	25°39	13° 0	29°54	T 16
W17	11 44 2	27°18'00	16°45	8°45	24° 8	17° 7	5°39	0°36	18°44	23°19	2°44	24° 7	25°35	13° 7	29°58	W17
T 18	11 47 58	28°18'29	0♑27	10°18	25°22	17°45	5°52	0°33	18°45	23°22	2°43	24°R 8	25°32	13°14	0♈ 1	T 18
F 19	11 51 55	29°18'57	14°27	11°51	26°36	18°23	6° 5	0°29	18°45	23°24	2°43	24° 7	25°29	13°20	0° 5	F 19
S 20	11 55 52	0♈19'23	28°47	13°25	27°50	19° 0	6°18	0°25	18°45	23°26	2°42	24° 3	25°26	13°27	0° 9	S 20
S 21	11 59 48	1°19'49	13♒24	15° 0	29° 4	19°38	6°31	0°22	18°45	23°28	2°41	23°58	25°23	13°34	0°13	S 21
M22	12 3 45	2°20'12	28°13	16°36	0♉18	20°16	6°45	0°18	18°45	23°31	2°41	23°51	25°20	13°40	0°17	M22
T 23	12 7 41	3°20'35	13♓ 7	18°13	1°32	20°53	6°58	0°14	18°R45	23°33	2°40	23°43	25°16	13°47	0°20	T 23
W24	12 11 38	4°20'56	27°56	19°51	2°45	21°31	7°11	0°10	18°45	23°35	2°40	23°34	25°13	13°54	0°24	W24
T 25	12 15 34	5°21'15	12♈33	21°30	3°59	22° 8	7°25	0° 6	18°45	23°37	2°39	23°28	25°10	14° 1	0°28	T 25
F 26	12 19 31	6°21'33	26°50	23°10	5°13	22°46	7°38	0° 2	18°45	23°40	2°39	23°23	25° 7	14° 7	0°32	F 26
S 27	12 23 27	7°21'49	10♉43	24°51	6°26	23°23	7°52	29♎57	18°45	23°42	2°38	23°20	25° 4	14°14	0°36	S 27
S 28	12 27 24	8°22'03	24°10	26°33	7°40	24° 1	8° 5	29°53	18°44	23°44	2°38	23°D19	25° 0	14°21	0°39	S 28
M29	12 31 20	9°22'16	7♊11	28°16	8°54	24°38	8°19	29°49	18°44	23°46	2°38	23°20	24°57	14°28	0°43	M29
T 30	12 35 17	10°22'26	19°49	0♈ 1	10° 7	25°16	8°33	29°45	18°44	23°49	2°37	23°21	24°54	14°34	0°47	T 30
W31	12 39 14	11♈22'35	2♋ 9	1♈46	11♉21	25♑53	8♉46	29♎40	18♐43	23♓51	2♌37	23♉23	24♉51	14♌41	0♈51	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s20	20n 6	0n19	15s51	0s 9	0n28	1s20	23s 4	0s 1	11n11	1s 4	9s27	2n33	22s38	0n 6	3s26	0s37	16n35	2s49	19n 1	19n11	22n 0	3n13	3n57
T 2	6 57	23 23	1 24	15 38	0 18	0 59	1 19	23 3	0 2	11 15	1 3	9 26	2 33	22 38	0 6	3 25	0 37	16 35	2 49	19 1	19 10	21 59	3 14	3 56
W 3	6 34	25 29	2 24	15 23	0 27	1 29	1 17	23 1	0 3	11 19	1 3	9 25	2 34	22 38	0 6	3 24	0 37	16 36	2 49	19 1	19 10	21 57	3 15	3 56
T 4	6 11	26 22	3 16	15 7	0 35	2 0	1 16	23 0	0 4	11 24	1 3	9 24	2 34	22 38	0 6	3 23	0 37	16 36	2 49	19 0	19 9	21 55	3 17	3 56
F 5	5 47	26 0	4 0	14 50	0 43	2 30	1 14	22 58	0 5	11 28	1 3	9 23	2 34	22 38	0 6	3 22	0 37	16 36	2 49	18 59	19 8	21 53	3 18	3 56
S 6	5 24	24 28	4 32	14 32	0 51	3 1	1 12	22 56	0 6	11 32	1 3	9 22	2 34	22 38	0 6	3 21	0 37	16 36	2 49	18 57	19 7	21 52	3 19	3 56
S 7	5 1	21 51	4 53	14 12	0 58	3 31	1 11	22 54	0 7	11 36	1 3	9 21	2 35	22 39	0 6	3 20	0 37	16 37	2 48	18 55	19 7	21 50	3 21	3 56
M 8	4 37	18 19	5 1	13 52	1 5	4 2	1 9	22 52	0 8	11 41	1 2	9 19	2 35	22 39	0 6	3 19	0 37	16 37	2 48	18 52	19 6	21 48	3 22	3 56
T 9	4 14	14 1	4 57	13 30	1 12	4 32	1 7	22 49	0 8	11 45	1 2	9 18	2 35	22 39	0 6	3 19	0 37	16 37	2 48	18 49	19 5	21 47	3 24	3 56
W10	3 50	9 9	4 38	13 7	1 18	5 2	1 5	22 47	0 9	11 49	1 2	9 17	2 35	22 39	0 6	3 18	0 37	16 38	2 48	18 46	19 5	21 45	3 25	3 55
T 11	3 26	3 52	4 7	12 44	1 24	5 32	1 3	22 44	0 10	11 53	1 2	9 16	2 35	22 39	0 6	3 17	0 37	16 38	2 48	18 43	19 4	21 43	3 26	3 55
F 12	3 3	1s38	3 24	12 19	1 30	6 2	1 1	22 41	0 11	11 58	1 2	9 15	2 36	22 39	0 6	3 16	0 37	16 38	2 48	18 41	19 3	21 42	3 28	3 55
S 13	2 39	7 9	2 30	11 53	1 35	6 32	0 59	22 38	0 12	12 2	1 2	9 13	2 36	22 39	0 6	3 15	0 37	16 38	2 48	18 39	19 2	21 40	3 29	3 55
S 14	2 15	12 27	1 28	11 26	1 41	7 2	0 57	22 35	0 13	12 6	1 2	9 12	2 36	22 39	0 6	3 14	0 37	16 39	2 48	18 38	19 2	21 38	3 31	3 55
M15	1 52	17 19	0 21	10 58	1 45	7 31	0 55	22 32	0 14	12 11	1 1	9 11	2 36	22 39	0 6	3 13	0 37	16 39	2 48	18 38	19 1	21 36	3 32	3 55
T 16	1 28	21 27	0s49	10 29	1 50	8 1	0 53	22 28	0 15	12 15	1 1	9 9	2 36	22 39	0 6	3 12	0 37	16 39	2 47	18 38	19 0	21 35	3 33	3 55
W17	1 4	24 32	1 58	9 58	1 54	8 30	0 50	22 25	0 16	12 20	1 1	9 8	2 37	22 39	0 6	3 12	0 37	16 40	2 47	18 38	18 59	21 33	3 35	3 55
T 18	0 40	26 15	3 2	9 27	1 57	8 59	0 48	22 21	0 17	12 24	1 1	9 7	2 37	22 39	0 6	3 11	0 37	16 40	2 47	18 38	18 59	21 31	3 36	3 55
F 19	0 16	26 22	3 56	8 55	2 1	9 28	0 46	22 17	0 18	12 28	1 1	9 5	2 37	22 39	0 6	3 10	0 37	16 40	2 47	18 38	18 58	21 29	3 38	3 55
S 20	0n 8	24 44	4 37	8 22	2 4	9 56	0 43	22 13	0 19	12 33	1 1	9 4	2 37	22 39	0 6	3 9	0 37	16 40	2 47	18 37	18 57	21 28	3 39	3 55
S 21	0 31	21 27	5 1	7 48	2 6	10 25	0 41	22 8	0 20	12 37	1 1	9 2	2 37	22 39	0 6	3 8	0 37	16 40	2 47	18 36	18 56	21 26	3 41	3 55
M22	0 55	16 46	5 5	7 13	2 8	10 53	0 38	22 4	0 21	12 42	1 0	9 1	2 38	22 39	0 6	3 7	0 37	16 41	2 47	18 34	18 56	21 24	3 42	3 54
T 23	1 19	11 2	4 49	6 37	2 10	11 21	0 35	21 59	0 22	12 46	1 0	8 59	2 38	22 39	0 6	3 6	0 37	16 41	2 47	18 32	18 55	21 22	3 43	3 54
W24	1 43	4 42	4 13	6 0	2 12	11 48	0 33	21 55	0 23	12 50	1 0	8 58	2 38	22 39	0 6	3 5	0 37	16 41	2 47	18 30	18 54	21 20	3 45	3 54
T 25	2 7	1n49	3 21	5 23	2 13	12 16	0 30	21 50	0 24	12 55	1 0	8 56	2 38	22 39	0 6	3 5	0 37	16 41	2 46	18 28	18 53	21 19	3 46	3 54
F 26	2 30	8 7	2 18	4 44	2 13	12 43	0 27	21 45	0 25	12 59	1 0	8 55	2 38	22 39	0 6	3 4	0 37	16 42	2 46	18 27	18 53	21 17	3 48	3 54
S 27	2 54	13 50	1 7	4 4	2 13	13 10	0 25	21 40	0 27	13 4	1 0	8 53	2 38	22 39	0 6	3 3	0 37	16 42	2 46	18 26	18 52	21 15	3 49	3 54
S 28	3 17	18 43	0n 5	3 24	2 13	13 36	0 22	21 34	0 28	13 8	1 0	8 51	2 38	22 39	0 6	3 2	0 37	16 42	2 46	18 26	18 51	21 13	3 51	3 54
M29	3 41	22 32	1 14	2 43	2 13	14 2	0 19	21 29	0 29	13 13	1 0	8 50	2 39	22 39	0 6	3 1	0 37	16 42	2 46	18 26	18 50	21 11	3 52	3 54
T 30	4 4	25 9	2 18	2 1	2 11	14 28	0 16	21 23	0 30	13 17	1 0	8 48	2 39	22 39	0 6	3 0	0 37	16 42	2 46	18 27	18 49	21 9	3 54	3 54
W31	4n28	26n27	3n15	1s18	2s10	14n54	0s13	21s18	0s31	13n22	0s59	8s47	2n39	22s39	0n 6	2s59	0s37	16n43	2s46	18n27	18n49	21n 8	3n55	3n54

Julian Day Number = 3057907.5, Delta T = 02h29m59s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'52, Lahiri = 47°07'52

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

APRIL 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 43 10	12♈22'42	14♋14	3♈32	12♉34	26♊30	9♉ 0	29°R36	18°R43	23♓53	2°R37	23°R23	24♉48	14♌48	0♈55	T 1
F 2	12 47 7	13°22'46	26°10	5°20	13°47	27° 8	9°14	29♎32	18♐42	23°55	2♌36	23♉22	24°45	14°54	0°58	F 2
S 3	12 51 3	14°22'49	8♌ 1	7° 8	15° 1	27°45	9°28	29°27	18°42	23°57	2°36	23°19	24°41	15° 1	1° 2	S 3
S 4	12 55 0	15°22'49	19°54	8°58	16°14	28°22	9°42	29°23	18°41	23°59	2°36	23°15	24°38	15° 8	1° 6	S 4
M 5	12 58 56	16°22'48	1♍50	10°49	17°27	28°59	9°56	29°18	18°40	24° 2	2°35	23° 9	24°35	15°15	1° 9	M 5
T 6	13 2 53	17°22'44	13°54	12°41	18°40	29°37	10°10	29°14	18°40	24° 4	2°35	23° 2	24°32	15°21	1°13	T 6
W 7	13 6 49	18°22'39	26° 7	14°34	19°53	0♒14	10°24	29° 9	18°39	24° 6	2°35	22°56	24°29	15°28	1°17	W 7
T 8	13 10 46	19°22'31	8♎32	16°28	21° 6	0°51	10°38	29° 4	18°38	24° 8	2°35	22°50	24°26	15°35	1°20	T 8
F 9	13 14 43	20°22'22	21° 9	18°23	22°19	1°28	10°52	29° 0	18°37	24°10	2°35	22°45	24°22	15°41	1°24	F 9
S 10	13 18 39	21°22'11	3♏59	20°20	23°32	2° 5	11° 6	28°55	18°36	24°12	2°35	22°42	24°19	15°48	1°28	S 10
S 11	13 22 36	22°21'58	17° 1	22°17	24°44	2°42	11°20	28°50	18°35	24°14	2°34	22°D41	24°16	15°55	1°31	S 11
M12	13 26 32	23°21'43	0♐16	24°15	25°57	3°19	11°35	28°46	18°34	24°16	2°34	22°41	24°13	16° 2	1°35	M12
T 13	13 30 29	24°21'27	13°42	26°14	27°10	3°56	11°49	28°41	18°33	24°18	2°34	22°42	24°10	16° 8	1°39	T 13
W14	13 34 25	25°21'09	27°20	28°14	28°22	4°33	12° 3	28°36	18°32	24°20	2°D34	22°43	24° 6	16°15	1°42	W14
T 15	13 38 22	26°20'49	11♑10	0♉14	29°35	5°10	12°17	28°31	18°31	24°22	2°34	22°45	24° 3	16°22	1°46	T 15
F 16	13 42 18	27°20'28	25°11	2°15	0♊47	5°47	12°32	28°27	18°29	24°24	2°34	22°R46	24° 0	16°28	1°49	F 16
S 17	13 46 15	28°20'06	9♒22	4°16	2° 0	6°23	12°46	28°22	18°28	24°26	2°34	22°45	23°57	16°35	1°53	S 17
S 18	13 50 12	29°19'41	23°41	6°17	3°12	7° 0	13° 0	28°17	18°27	24°28	2°34	22°44	23°54	16°42	1°56	S 18
M19	13 54 8	0♉19'15	8♓ 5	8°18	4°24	7°37	13°15	28°12	18°25	24°30	2°35	22°41	23°51	16°49	2° 0	M19
T 20	13 58 5	1°18'47	22°31	10°18	5°36	8°13	13°29	28° 8	18°24	24°32	2°35	22°38	23°47	16°55	2° 3	T 20
W21	14 2 1	2°18'18	6♈52	12°18	6°48	8°50	13°44	28° 3	18°23	24°34	2°35	22°35	23°44	17° 2	2° 6	W21
T 22	14 5 58	3°17'46	21° 3	14°16	8° 0	9°27	13°58	27°58	18°21	24°36	2°35	22°33	23°41	17° 9	2°10	T 22
F 23	14 9 54	4°17'13	5♉ 0	16°13	9°12	10° 3	14°12	27°54	18°20	24°38	2°35	22°31	23°38	17°16	2°13	F 23
S 24	14 13 51	5°16'38	18°40	18° 8	10°24	10°39	14°27	27°49	18°18	24°40	2°35	22°D31	23°35	17°22	2°17	S 24
S 25	14 17 47	6°16'01	1♊59	20° 1	11°36	11°16	14°41	27°44	18°16	24°41	2°36	22°31	23°31	17°29	2°20	S 25
M26	14 21 44	7°15'22	14°57	21°51	12°48	11°52	14°56	27°40	18°15	24°43	2°36	22°32	23°28	17°36	2°23	M26
T 27	14 25 40	8°14'41	27°36	23°39	13°59	12°28	15°10	27°35	18°13	24°45	2°36	22°33	23°25	17°42	2°26	T 27
W28	14 29 37	9°13'57	9♋58	25°22	15°11	13° 4	15°25	27°30	18°11	24°47	2°36	22°34	23°22	17°49	2°30	W28
T 29	14 33 34	10°13'12	22° 6	27° 2	16°22	13°41	15°40	27°26	18° 9	24°49	2°37	22°35	23°19	17°56	2°33	T 29
F 30	14 37 30	11♉12'24	4♌ 4	28♉37	17♊33	14♒17	15♉54	27♎21	18♐ 8	24♓50	2♌37	22♉36	23♉16	18♌ 3	2♈36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n51	26n28	4n 1	0s34	2s 8	15n19	0s10	21s12	0s32	13n26	0s59	8s45	2n39	22s39	0n 6	2s59	0s37	16n43	2s46	18n27	18n48	21n 6	3n57	3n54
F 2	5 14	25 15	4 36	0n11	2 5	15 43	0 7	21 6	0 33	13 30	0 59	8 43	2 39	22 39	0 6	2 58	0 37	16 43	2 45	18 27	18 47	21 4	3 58	3 54
S 3	5 37	22 55	4 59	0 56	2 2	16 8	0 4	21 0	0 35	13 35	0 59	8 42	2 39	22 39	0 6	2 57	0 37	16 43	2 45	18 26	18 46	21 2	3 59	3 54
S 4	6 0	19 37	5 9	1 42	1 59	16 32	0 1	20 53	0 36	13 39	0 59	8 40	2 39	22 39	0 6	2 56	0 37	16 43	2 45	18 25	18 46	21 0	4 1	3 54
M 5	6 23	15 30	5 6	2 29	1 55	16 55	0n 2	20 47	0 37	13 44	0 59	8 38	2 39	22 39	0 6	2 55	0 37	16 44	2 45	18 24	18 45	20 58	4 2	3 54
T 6	6 46	10 45	4 50	3 16	1 51	17 18	0 5	20 41	0 38	13 48	0 59	8 37	2 39	22 39	0 6	2 54	0 37	16 44	2 45	18 22	18 44	20 57	4 4	3 54
W 7	7 9	5 31	4 20	4 4	1 46	17 41	0 8	20 34	0 39	13 53	0 59	8 35	2 40	22 39	0 6	2 54	0 37	16 44	2 45	18 20	18 43	20 55	4 5	3 54
T 8	7 31	0s 1	3 37	4 52	1 40	18 3	0 11	20 27	0 41	13 57	0 59	8 33	2 40	22 39	0 6	2 53	0 37	16 44	2 45	18 19	18 43	20 53	4 7	3 54
F 9	7 53	5 39	2 44	5 41	1 34	18 25	0 14	20 20	0 42	14 2	0 59	8 32	2 40	22 39	0 6	2 52	0 37	16 44	2 45	18 18	18 42	20 51	4 8	3 54
S 10	8 16	11 9	1 40	6 31	1 28	18 46	0 17	20 13	0 43	14 6	0 59	8 30	2 40	22 39	0 6	2 51	0 37	16 44	2 44	18 17	18 41	20 49	4 10	3 54
S 11	8 38	16 16	0 31	7 21	1 21	19 7	0 21	20 6	0 45	14 10	0 58	8 28	2 40	22 38	0 6	2 50	0 37	16 44	2 44	18 17	18 40	20 47	4 11	3 54
M12	9 0	20 42	0s41	8 11	1 13	19 27	0 24	19 59	0 46	14 15	0 58	8 27	2 40	22 38	0 6	2 50	0 37	16 45	2 44	18 17	18 39	20 45	4 12	3 54
T 13	9 22	24 6	1 53	9 1	1 5	19 47	0 27	19 52	0 47	14 19	0 58	8 25	2 40	22 38	0 6	2 49	0 37	16 45	2 44	18 17	18 39	20 43	4 14	3 54
W14	9 43	26 11	2 59	9 52	0 57	20 7	0 30	19 44	0 49	14 24	0 58	8 23	2 40	22 38	0 6	2 48	0 37	16 45	2 44	18 17	18 38	20 41	4 15	3 54
T 15	10 5	26 40	3 55	10 42	0 48	20 25	0 33	19 37	0 50	14 28	0 58	8 22	2 40	22 38	0 6	2 47	0 37	16 45	2 44	18 18	18 37	20 39	4 17	3 54
F 16	10 26	25 28	4 38	11 33	0 38	20 44	0 36	19 29	0 51	14 32	0 58	8 20	2 40	22 38	0 6	2 46	0 37	16 45	2 44	18 18	18 36	20 37	4 18	3 54
S 17	10 47	22 40	5 6	12 23	0 29	21 1	0 40	19 22	0 53	14 37	0 58	8 18	2 40	22 38	0 6	2 46	0 37	16 45	2 44	18 18	18 36	20 36	4 20	3 54
S 18	11 8	18 27	5 14	13 12	0 18	21 19	0 43	19 14	0 54	14 41	0 58	8 16	2 40	22 38	0 6	2 45	0 37	16 45	2 44	18 17	18 35	20 34	4 21	3 54
M19	11 29	13 9	5 3	14 2	0 8	21 35	0 46	19 6	0 55	14 45	0 58	8 15	2 40	22 38	0 6	2 44	0 37	16 45	2 43	18 17	18 34	20 32	4 22	3 54
T 20	11 50	7 8	4 33	14 50	0n 3	21 51	0 49	18 58	0 57	14 50	0 58	8 13	2 40	22 38	0 6	2 43	0 37	16 45	2 43	18 16	18 33	20 30	4 24	3 54
W21	12 10	0 45	3 45	15 37	0 14	22 7	0 52	18 50	0 58	14 54	0 58	8 11	2 40	22 37	0 6	2 43	0 37	16 46	2 43	18 15	18 32	20 28	4 25	3 54
T 22	12 30	5n36	2 45	16 23	0 26	22 22	0 56	18 41	1 0	14 58	0 58	8 10	2 40	22 37	0 6	2 42	0 37	16 46	2 43	18 15	18 32	20 26	4 26	3 54
F 23	12 50	11 35	1 35	17 8	0 37	22 36	0 59	18 33	1 1	15 3	0 58	8 8	2 40	22 37	0 6	2 41	0 37	16 46	2 43	18 14	18 31	20 24	4 28	3 54
S 24	13 10	16 53	0 21	17 52	0 49	22 50	1 2	18 25	1 3	15 7	0 58	8 7	2 40	22 37	0 6	2 41	0 37	16 46	2 43	18 14	18 30	20 22	4 29	3 54
S 25	13 29	21 13	0n52	18 34	1 0	23 3	1 5	18 16	1 4	15 11	0 57	8 5	2 40	22 37	0 6	2 40	0 37	16 46	2 43	18 14	18 29	20 20	4 31	3 54
M26	13 49	24 23	2 1	19 13	1 12	23 15	1 8	18 8	1 6	15 15	0 57	8 3	2 40	22 37	0 6	2 39	0 37	16 46	2 43	18 14	18 29	20 18	4 32	3 54
T 27	14 8	26 14	3 2	19 51	1 23	23 27	1 11	17 59	1 7	15 20	0 57	8 2	2 40	22 37	0 6	2 38	0 37	16 46	2 42	18 15	18 28	20 16	4 33	3 54
W28	14 27	26 44	3 53	20 27	1 34	23 38	1 14	17 50	1 9	15 24	0 57	8 0	2 40	22 36	0 6	2 38	0 37	16 46	2 42	18 15	18 27	20 14	4 35	3 55
T 29	14 45	25 55	4 33	21 1	1 44	23 49	1 17	17 42	1 10	15 28	0 57	7 59	2 40	22 36	0 6	2 37	0 37	16 46	2 42	18 15	18 26	20 12	4 36	3 55
F 30	15n 4	23n56	5n 0	21n32	1n54	23n59	1n20	17s33	1s12	15n32	0s57	7s57	2n40	22s36	0n 6	2s36	0s37	16n46	2s42	18n15	18n25	20n10	4n37	3n55

Julian Day Number = 3057938.5, Delta T = 02h30m00s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°00'56, Lahiri = 47°07'56

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

MAY 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 41 27	12♉11'34	15♌58	0♊ 9	18♊45	14♒53	16♉ 9	27°R17	18°R 6	24♓52	2♌38	22°R36	23♉12	18♌ 9	2♈39	S 1
S 2	14 45 23	13°10'41	27°51	1°35	19°56	15°29	16°23	27♎12	18♐ 4	24°54	2°38	22♉35	23° 9	18°16	2°42	S 2
M 3	14 49 20	14° 9'47	9♍49	2°56	21° 7	16° 4	16°38	27° 8	18° 2	24°55	2°38	22°35	23° 6	18°23	2°45	M 3
T 4	14 53 16	15° 8'50	21°55	4°12	22°18	16°40	16°52	27° 3	18° 0	24°57	2°39	22°34	23° 3	18°29	2°48	T 4
W 5	14 57 13	16° 7'51	4♎13	5°22	23°29	17°16	17° 7	26°59	17°58	24°59	2°39	22°33	23° 0	18°36	2°51	W 5
T 6	15 1 9	17° 6'50	16°46	6°27	24°40	17°52	17°21	26°55	17°56	25° 0	2°40	22°32	22°57	18°43	2°54	T 6
F 7	15 5 6	18° 5'47	29°36	7°25	25°50	18°27	17°36	26°50	17°54	25° 2	2°40	22°31	22°53	18°50	2°57	F 7
S 8	15 9 3	19° 4'42	12♏44	8°18	27° 1	19° 3	17°50	26°46	17°52	25° 3	2°41	22°31	22°50	18°56	3° 0	S 8
S 9	15 12 59	20° 3'35	26° 8	9° 5	28°11	19°38	18° 5	26°42	17°50	25° 5	2°41	22°D31	22°47	19° 3	3° 3	S 9
M10	15 16 56	21° 2'26	9♐49	9°45	29°22	20°13	18°20	26°38	17°48	25° 6	2°42	22°31	22°44	19°10	3° 6	M10
T 11	15 20 52	22° 1'15	23°42	10°19	0♋32	20°49	18°34	26°34	17°45	25° 8	2°43	22°31	22°41	19°17	3° 9	T 11
W12	15 24 49	23° 0'03	7♑46	10°47	1°42	21°24	18°49	26°30	17°43	25° 9	2°43	22°R31	22°37	19°23	3°11	W12
T 13	15 28 45	23°58'49	21°56	11° 9	2°52	21°59	19° 3	26°26	17°41	25°11	2°44	22°31	22°34	19°30	3°14	T 13
F 14	15 32 42	24°57'33	6♒11	11°25	4° 2	22°34	19°18	26°22	17°39	25°12	2°44	22°31	22°31	19°37	3°17	F 14
S 15	15 36 39	25°56'16	20°26	11°34	5°12	23° 9	19°32	26°18	17°36	25°13	2°45	22°D31	22°28	19°43	3°19	S 15
S 16	15 40 35	26°54'57	4♓39	11°R38	6°22	23°44	19°47	26°15	17°34	25°15	2°46	22°31	22°25	19°50	3°22	S 16
M17	15 44 32	27°53'37	18°47	11°35	7°31	24°19	20° 1	26°11	17°32	25°16	2°47	22°31	22°22	19°57	3°24	M17
T 18	15 48 28	28°52'15	2♈49	11°27	8°41	24°53	20°16	26° 7	17°30	25°17	2°47	22°32	22°18	20° 4	3°27	T 18
W19	15 52 25	29°50'51	16°42	11°14	9°50	25°28	20°30	26° 4	17°27	25°18	2°48	22°32	22°15	20°10	3°29	W19
T 20	15 56 21	0♊49'26	0♉25	10°55	10°59	26° 2	20°44	26° 0	17°25	25°20	2°49	22°33	22°12	20°17	3°32	T 20
F 21	16 0 18	1°47'59	13°55	10°33	12° 8	26°37	20°59	25°57	17°22	25°21	2°50	22°33	22° 9	20°24	3°34	F 21
S 22	16 4 14	2°46'30	27°12	10° 6	13°17	27°11	21°13	25°54	17°20	25°22	2°51	22°R34	22° 6	20°31	3°37	S 22
S 23	16 8 11	3°45'00	10♊14	9°35	14°26	27°45	21°28	25°50	17°18	25°23	2°51	22°33	22° 3	20°37	3°39	S 23
M24	16 12 8	4°43'28	23° 1	9° 2	15°35	28°19	21°42	25°47	17°15	25°24	2°52	22°32	21°59	20°44	3°41	M24
T 25	16 16 4	5°41'54	5♋33	8°26	16°44	28°53	21°56	25°44	17°13	25°25	2°53	22°30	21°56	20°51	3°43	T 25
W26	16 20 1	6°40'18	17°51	7°49	17°52	29°26	22°11	25°41	17°10	25°26	2°54	22°28	21°53	20°57	3°46	W26
T 27	16 23 57	7°38'41	29°58	7°10	19° 0	0♓ 0	22°25	25°38	17° 8	25°27	2°55	22°26	21°50	21° 4	3°48	T 27
F 28	16 27 54	8°37'01	11♌57	6°32	20° 8	0°33	22°39	25°35	17° 5	25°28	2°56	22°24	21°47	21°11	3°50	F 28
S 29	16 31 50	9°35'19	23°51	5°54	21°16	1° 7	22°53	25°33	17° 3	25°29	2°57	22°23	21°43	21°18	3°52	S 29
S 30	16 35 47	10°33'36	5♍44	5°17	22°24	1°40	23° 8	25°30	17° 0	25°30	2°58	22°D22	21°40	21°24	3°54	S 30
M31	16 39 43	11♊31'50	17♍41	4♊42	23♋32	2♓13	23♉22	25♎27	16♐58	25♓31	2♌59	22♉22	21♉37	21♌31	3♈56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n22	20n55	5n14	22n 1	2n 3	24n 8	1n23	17s24	1s13	15n37	0s57	7s55	2n40	22s36	0n 6	2s36	0s38	16n46	2s42	18n15	18n25	20n 8	4n38	3n55
S 2	15 39	17 3	5 15	22 27	2 12	24 17	1 26	17 15	1 15	15 41	0 57	7 54	2 40	22 36	0 6	2 35	0 38	16 46	2 42	18 15	18 24	20 6	4 40	3 55
M 3	15 57	12 29	5 2	22 51	2 20	24 25	1 29	17 6	1 17	15 45	0 57	7 52	2 40	22 36	0 6	2 35	0 38	16 46	2 42	18 15	18 23	20 4	4 41	3 55
T 4	16 14	7 25	4 36	23 13	2 27	24 32	1 32	16 57	1 18	15 49	0 57	7 51	2 40	22 36	0 6	2 34	0 38	16 46	2 42	18 15	18 22	20 2	4 42	3 55
W 5	16 31	1 58	3 57	23 32	2 34	24 39	1 35	16 48	1 20	15 53	0 57	7 49	2 39	22 35	0 6	2 33	0 38	16 46	2 41	18 15	18 21	20 0	4 44	3 55
T 6	16 48	3s41	3 5	23 48	2 39	24 45	1 38	16 38	1 22	15 57	0 57	7 48	2 39	22 35	0 6	2 33	0 38	16 46	2 41	18 14	18 21	19 58	4 45	3 55
F 7	17 4	9 18	2 4	24 3	2 43	24 50	1 40	16 29	1 23	16 1	0 57	7 47	2 39	22 35	0 6	2 32	0 38	16 46	2 41	18 14	18 20	19 56	4 46	3 55
S 8	17 20	14 40	0 54	24 14	2 47	24 55	1 43	16 20	1 25	16 5	0 57	7 45	2 39	22 35	0 6	2 32	0 38	16 46	2 41	18 14	18 19	19 53	4 47	3 55
S 9	17 36	19 26	0s20	24 24	2 49	24 59	1 46	16 10	1 27	16 9	0 57	7 44	2 39	22 35	0 6	2 31	0 38	16 46	2 41	18 14	18 18	19 51	4 48	3 55
M10	17 52	23 17	1 34	24 31	2 50	25 2	1 48	16 1	1 28	16 13	0 57	7 42	2 39	22 34	0 6	2 30	0 38	16 46	2 41	18 14	18 17	19 49	4 50	3 55
T 11	18 7	25 49	2 44	24 36	2 50	25 4	1 51	15 51	1 30	16 17	0 57	7 41	2 39	22 34	0 6	2 30	0 38	16 46	2 41	18 14	18 17	19 47	4 51	3 56
W12	18 22	26 45	3 45	24 38	2 48	25 6	1 53	15 42	1 32	16 21	0 57	7 40	2 39	22 34	0 6	2 29	0 38	16 46	2 41	18 14	18 16	19 45	4 52	3 56
T 13	18 36	25 57	4 33	24 39	2 45	25 8	1 56	15 32	1 34	16 25	0 57	7 38	2 39	22 34	0 6	2 29	0 38	16 46	2 41	18 14	18 15	19 43	4 53	3 56
F 14	18 50	23 28	5 4	24 37	2 41	25 8	1 58	15 23	1 36	16 29	0 57	7 37	2 39	22 34	0 6	2 28	0 38	16 46	2 40	18 14	18 14	19 41	4 54	3 56
S 15	19 4	19 33	5 17	24 33	2 36	25 8	2 1	15 13	1 37	16 33	0 57	7 36	2 38	22 33	0 6	2 28	0 38	16 46	2 40	18 14	18 13	19 39	4 55	3 56
S 16	19 18	14 32	5 10	24 26	2 29	25 7	2 3	15 3	1 39	16 37	0 57	7 35	2 38	22 33	0 6	2 27	0 38	16 46	2 40	18 14	18 13	19 37	4 57	3 56
M17	19 31	8 46	4 44	24 18	2 21	25 6	2 5	14 54	1 41	16 41	0 57	7 34	2 38	22 33	0 6	2 27	0 38	16 46	2 40	18 14	18 12	19 35	4 58	3 56
T 18	19 44	2 36	4 2	24 8	2 11	25 4	2 7	14 44	1 43	16 45	0 57	7 32	2 38	22 33	0 6	2 26	0 38	16 46	2 40	18 14	18 11	19 33	4 59	3 56
W19	19 56	3n39	3 6	23 55	2 1	25 1	2 9	14 34	1 45	16 48	0 57	7 31	2 38	22 33	0 6	2 26	0 38	16 46	2 40	18 15	18 10	19 30	5 0	3 56
T 20	20 8	9 39	2 0	23 41	1 49	24 57	2 11	14 24	1 47	16 52	0 57	7 30	2 38	22 32	0 6	2 25	0 38	16 46	2 40	18 15	18 9	19 28	5 1	3 56
F 21	20 20	15 7	0 48	23 24	1 36	24 53	2 13	14 15	1 49	16 56	0 57	7 29	2 38	22 32	0 6	2 25	0 38	16 46	2 40	18 15	18 9	19 26	5 2	3 57
S 22	20 32	19 47	0n26	23 7	1 21	24 48	2 15	14 5	1 51	17 0	0 57	7 28	2 37	22 32	0 6	2 25	0 38	16 46	2 40	18 15	18 8	19 24	5 3	3 57
S 23	20 43	23 22	1 36	22 47	1 6	24 43	2 17	13 55	1 53	17 3	0 57	7 27	2 37	22 32	0 6	2 24	0 38	16 46	2 39	18 15	18 7	19 22	5 4	3 57
M24	20 54	25 43	2 41	22 26	0 50	24 37	2 18	13 45	1 55	17 7	0 57	7 26	2 37	22 32	0 6	2 24	0 38	16 45	2 39	18 14	18 6	19 20	5 5	3 57
T 25	21 4	26 42	3 36	22 4	0 34	24 30	2 20	13 35	1 57	17 11	0 57	7 25	2 37	22 31	0 6	2 23	0 38	16 45	2 39	18 14	18 5	19 18	5 6	3 57
W26	21 14	26 20	4 20	21 41	0 16	24 23	2 21	13 26	1 59	17 14	0 57	7 24	2 37	22 31	0 6	2 23	0 38	16 45	2 39	18 14	18 5	19 15	5 7	3 57
T 27	21 23	24 43	4 52	21 18	0s 1	24 15	2 23	13 16	2 1	17 18	0 57	7 23	2 37	22 31	0 6	2 23	0 38	16 45	2 39	18 13	18 4	19 13	5 8	3 57
F 28	21 33	22 1	5 10	20 54	0 19	24 7	2 24	13 6	2 3	17 22	0 57	7 23	2 36	22 31	0 6	2 22	0 38	16 45	2 39	18 13	18 3	19 11	5 9	3 57
S 29	21 42	18 25	5 15	20 30	0 36	23 57	2 25	12 56	2 5	17 25	0 57	7 22	2 36	22 30	0 6	2 22	0 38	16 45	2 39	18 12	18 2	19 9	5 10	3 58
S 30	21 50	14 5	5 7	20 6	0 54	23 48	2 27	12 46	2 7	17 29	0 57	7 21	2 36	22 30	0 6	2 22	0 38	16 45	2 39	18 12	18 1	19 7	5 11	3 58
M31	21n58	9n12	4n45	19n43	1s11	23n37	2n28	12s37	2s10	17n32	0s57	7s20	2n36	22s30	0n 6	2s21	0s38	16n45	2s39	18n12	18n 0	19n 5	5n11	3n58

Julian Day Number = 3057968.5, Delta T = 02h30m01s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'00, Lahiri = 47°08'01

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

JUNE 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 43 40	12♊30'03	29♍46	4°R 9	24♋39	2♓46	23♉36	25°R25	16°R55	25♓32	3♎ 0	22♉23	21♉34	21♎38	3♈58	T 1
W 2	16 47 37	13°28'13	12♎ 5	3♊39	25°47	3°19	23°50	25♎22	16♐53	25°33	3° 1	22°24	21°31	21°44	3°59	W 2
T 3	16 51 33	14°26'22	24°41	3°12	26°54	3°51	24° 4	25°20	16°50	25°33	3° 2	22°26	21°28	21°51	4° 1	T 3
F 4	16 55 30	15°24'29	7♏37	2°48	28° 1	4°24	24°18	25°18	16°48	25°34	3° 3	22°27	21°24	21°58	4° 3	F 4
S 5	16 59 26	16°22'34	20°56	2°29	29° 8	4°56	24°32	25°16	16°45	25°35	3° 4	22°R28	21°21	22° 5	4° 5	S 5
S 6	17 3 23	17°20'38	4♐37	2°14	0♎14	5°28	24°46	25°14	16°43	25°35	3° 5	22°27	21°18	22°11	4° 6	S 6
M 7	17 7 19	18°18'40	18°40	2° 3	1°21	6° 0	25° 0	25°12	16°40	25°36	3° 6	22°25	21°15	22°18	4° 8	M 7
T 8	17 11 16	19°16'40	3♑ 1	1°57	2°27	6°32	25°14	25°10	16°38	25°37	3° 7	22°23	21°12	22°25	4° 9	T 8
W 9	17 15 12	20°14'39	17°33	1°D56	3°33	7° 4	25°28	25° 8	16°35	25°37	3° 9	22°19	21° 9	22°32	4°11	W 9
T 10	17 19 9	21°12'37	2♒11	1°59	4°39	7°35	25°42	25° 7	16°32	25°38	3°10	22°15	21° 5	22°38	4°12	T 10
F 11	17 23 6	22°10'33	16°48	2° 6	5°45	8° 7	25°55	25° 5	16°30	25°38	3°11	22°11	21° 2	22°45	4°14	F 11
S 12	17 27 2	23° 8'29	1♓18	2°19	6°50	8°38	26° 9	25° 4	16°27	25°39	3°12	22° 8	20°59	22°52	4°15	S 12
S 13	17 30 59	24° 6'23	15°36	2°35	7°55	9° 9	26°23	25° 2	16°25	25°39	3°13	22° 7	20°56	22°58	4°16	S 13
M14	17 34 55	25° 4'15	29°41	2°56	9° 0	9°39	26°36	25° 1	16°22	25°40	3°15	22°D 7	20°53	23° 5	4°17	M14
T 15	17 38 52	26° 2'07	13♈30	3°22	10° 5	10°10	26°50	25° 0	16°20	25°40	3°16	22° 8	20°49	23°12	4°19	T 15
W16	17 42 48	26°59'58	27° 5	3°51	11° 9	10°40	27° 3	24°59	16°17	25°41	3°17	22° 9	20°46	23°19	4°20	W16
T 17	17 46 45	27°57'48	10♉24	4°25	12°14	11°10	27°17	24°58	16°15	25°41	3°18	22°10	20°43	23°25	4°21	T 17
F 18	17 50 41	28°55'36	23°31	5° 3	13°18	11°40	27°30	24°57	16°13	25°41	3°20	22°R11	20°40	23°32	4°22	F 18
S 19	17 54 38	29°53'24	6♊24	5°44	14°22	12°10	27°44	24°57	16°10	25°41	3°21	22°10	20°37	23°39	4°23	S 19
S 20	17 58 35	0♋51'11	19° 6	6°29	15°25	12°39	27°57	24°56	16° 8	25°42	3°22	22° 7	20°34	23°46	4°24	S 20
M21	18 2 31	1°48'56	1♋37	7°18	16°28	13° 8	28°10	24°55	16° 5	25°42	3°23	22° 2	20°30	23°52	4°24	M21
T 22	18 6 28	2°46'40	13°58	8°11	17°31	13°37	28°24	24°55	16° 3	25°42	3°25	21°56	20°27	23°59	4°25	T 22
W23	18 10 24	3°44'23	26° 8	9° 7	18°34	14° 6	28°37	24°55	16° 0	25°42	3°26	21°49	20°24	24° 6	4°26	W23
T 24	18 14 21	4°42'04	8♎11	10° 6	19°36	14°34	28°50	24°54	15°58	25°42	3°27	21°41	20°21	24°12	4°27	T 24
F 25	18 18 17	5°39'45	20° 7	11° 8	20°39	15° 2	29° 3	24°54	15°56	25°42	3°29	21°33	20°18	24°19	4°27	F 25
S 26	18 22 14	6°37'24	1♍59	12°14	21°40	15°30	29°16	24°D54	15°53	25°42	3°30	21°27	20°15	24°26	4°28	S 26
S 27	18 26 11	7°35'01	13°51	13°22	22°42	15°57	29°29	24°54	15°51	25°R42	3°31	21°22	20°11	24°33	4°28	S 27
M28	18 30 7	8°32'37	25°46	14°34	23°43	16°24	29°42	24°55	15°49	25°42	3°33	21°19	20° 8	24°39	4°29	M28
T 29	18 34 4	9°30'12	7♎50	15°49	24°44	16°51	29°54	24°55	15°47	25°42	3°34	21°D18	20° 5	24°46	4°29	T 29
W30	18 38 0	10♋27'46	20♎ 5	17♊ 6	25♎44	17♓18	0♊ 7	24♎55	15♐44	25♓42	3♎36	21♉19	20♉ 2	24♎53	4♈30	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 6	3n56	4n11	19n21	1s28	23n26	2n29	12s27	2s12	17n36	0s57	7s20	2n36	22s30	0n 6	2s21	0s38	16n45	2s38	18n12	18n 0	19n 2	5n12	3n58
W 2	22 13	1s36	3 24	19 0	1 44	23 15	2 29	12 17	2 14	17 39	0 57	7 19	2 35	22 30	0 6	2 21	0 38	16 44	2 38	18 12	17 59	19 0	5 13	3 58
T 3	22 20	7 12	2 27	18 40	1 59	23 3	2 30	12 8	2 16	17 42	0 57	7 18	2 35	22 29	0 6	2 20	0 38	16 44	2 38	18 13	17 58	18 58	5 14	3 58
F 4	22 26	12 39	1 21	18 21	2 14	22 50	2 31	11 58	2 19	17 46	0 57	7 18	2 35	22 29	0 6	2 20	0 38	16 44	2 38	18 13	17 57	18 56	5 15	3 58
S 5	22 32	17 42	0 8	18 4	2 27	22 37	2 31	11 48	2 21	17 49	0 57	7 17	2 35	22 29	0 6	2 20	0 38	16 44	2 38	18 13	17 56	18 54	5 16	3 59
S 6	22 38	21 58	1s 6	17 49	2 40	22 23	2 32	11 39	2 23	17 53	0 57	7 17	2 35	22 29	0 6	2 20	0 39	16 44	2 38	18 13	17 56	18 51	5 16	3 59
M 7	22 43	25 3	2 19	17 35	2 51	22 9	2 32	11 29	2 25	17 56	0 57	7 16	2 34	22 28	0 6	2 19	0 39	16 44	2 38	18 13	17 55	18 49	5 17	3 59
T 8	22 48	26 36	3 24	17 24	3 2	21 55	2 32	11 20	2 28	17 59	0 57	7 16	2 34	22 28	0 6	2 19	0 39	16 44	2 38	18 12	17 54	18 47	5 18	3 59
W 9	22 52	26 20	4 17	17 14	3 11	21 39	2 32	11 10	2 30	18 2	0 57	7 15	2 34	22 28	0 6	2 19	0 39	16 43	2 38	18 11	17 53	18 45	5 19	3 59
T 10	22 56	24 16	4 54	17 7	3 20	21 24	2 32	11 1	2 33	18 6	0 57	7 15	2 34	22 28	0 6	2 19	0 39	16 43	2 38	18 10	17 52	18 42	5 19	3 59
F 11	23 0	20 36	5 11	17 1	3 27	21 8	2 32	10 51	2 35	18 9	0 57	7 14	2 33	22 27	0 6	2 19	0 39	16 43	2 37	18 9	17 51	18 40	5 20	3 59
S 12	23 3	15 43	5 8	16 57	3 33	20 51	2 32	10 42	2 37	18 12	0 57	7 14	2 33	22 27	0 6	2 18	0 39	16 43	2 37	18 8	17 51	18 38	5 21	4 0
S 13	23 6	10 2	4 47	16 55	3 38	20 34	2 32	10 33	2 40	18 15	0 57	7 14	2 33	22 27	0 6	2 18	0 39	16 43	2 37	18 8	17 50	18 36	5 21	4 0
M14	23 8	3 55	4 8	16 55	3 43	20 17	2 31	10 23	2 42	18 18	0 57	7 14	2 33	22 27	0 6	2 18	0 39	16 43	2 37	18 8	17 49	18 33	5 22	4 0
T 15	23 10	2n17	3 15	16 57	3 46	19 59	2 30	10 14	2 45	18 21	0 57	7 13	2 33	22 26	0 6	2 18	0 39	16 42	2 37	18 8	17 48	18 31	5 23	4 0
W16	23 12	8 17	2 13	17 0	3 48	19 40	2 30	10 5	2 47	18 24	0 57	7 13	2 32	22 26	0 6	2 18	0 39	16 42	2 37	18 9	17 47	18 29	5 23	4 0
T 17	23 13	13 48	1 4	17 5	3 49	19 22	2 29	9 56	2 50	18 27	0 57	7 13	2 32	22 26	0 6	2 18	0 39	16 42	2 37	18 9	17 46	18 27	5 24	4 0
F 18	23 13	18 36	0n 7	17 11	3 50	19 2	2 28	9 47	2 53	18 30	0 57	7 13	2 32	22 26	0 6	2 18	0 39	16 42	2 37	18 9	17 46	18 24	5 24	4 1
S 19	23 14	22 27	1 17	17 19	3 49	18 43	2 27	9 38	2 55	18 33	0 57	7 13	2 32	22 25	0 6	2 18	0 39	16 42	2 37	18 9	17 45	18 22	5 25	4 1
S 20	23 13	25 8	2 21	17 27	3 48	18 23	2 25	9 30	2 58	18 36	0 57	7 13	2 31	22 25	0 5	2 18	0 39	16 41	2 37	18 8	17 44	18 20	5 25	4 1
M21	23 13	26 30	3 17	17 37	3 46	18 3	2 24	9 21	3 0	18 39	0 57	7 13	2 31	22 25	0 5	2 18	0 39	16 41	2 37	18 7	17 43	18 18	5 26	4 1
T 22	23 12	26 32	4 4	17 48	3 43	17 42	2 22	9 12	3 3	18 42	0 57	7 13	2 31	22 25	0 5	2 18	0 39	16 41	2 36	18 5	17 42	18 15	5 26	4 1
W23	23 11	25 17	4 38	18 0	3 40	17 21	2 21	9 4	3 6	18 45	0 57	7 13	2 31	22 25	0 5	2 17	0 39	16 41	2 36	18 3	17 41	18 13	5 27	4 1
T 24	23 9	22 53	5 0	18 13	3 35	17 0	2 19	8 56	3 9	18 47	0 57	7 13	2 30	22 24	0 5	2 17	0 39	16 40	2 36	18 1	17 41	18 11	5 27	4 1
F 25	23 6	19 31	5 8	18 26	3 30	16 39	2 17	8 47	3 11	18 50	0 57	7 14	2 30	22 24	0 5	2 17	0 39	16 40	2 36	18 0	17 40	18 8	5 27	4 2
S 26	23 4	15 23	5 3	18 40	3 25	16 17	2 15	8 39	3 14	18 53	0 57	7 14	2 30	22 24	0 5	2 18	0 39	16 40	2 36	17 58	17 39	18 6	5 28	4 2
S 27	23 1	10 41	4 45	18 55	3 19	15 55	2 12	8 31	3 17	18 56	0 57	7 14	2 30	22 24	0 5	2 18	0 39	16 40	2 36	17 57	17 38	18 4	5 28	4 2
M28	22 57	5 34	4 14	19 10	3 12	15 32	2 10	8 23	3 20	18 58	0 57	7 14	2 29	22 23	0 5	2 18	0 39	16 40	2 36	17 56	17 37	18 1	5 28	4 2
T 29	22 53	0 11	3 32	19 25	3 5	15 10	2 7	8 16	3 23	19 1	0 57	7 15	2 29	22 23	0 5	2 18	0 39	16 39	2 36	17 56	17 36	17 59	5 29	4 2
W30	22n49	5s19	2n40	19n40	2s57	14n47	2n 4	8s 8	3s25	19n 3	0s58	7s15	2n29	22s23	0n 5	2s18	0s39	16n39	2s36	17n56	17n36	17n57	5n29	4n 2

Julian Day Number = 3057999.5, Delta T = 02h30m02s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'05, Lahiri = 47°08'05

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

JULY 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 41 57	11♋25'19	2♏39	18♊27	26♌45	17♓44	0♊20	24♎56	15°R42	25°R42	3♌37	21♉20	19♉59	24♌59	4♈30	T 1
F 2	18 45 53	12°22'50	15°35	19°50	27°44	18°10	0°32	24°56	15♐40	25♓42	3°38	21°R21	19°55	25° 6	4°30	F 2
S 3	18 49 50	13°20'20	28°56	21°17	28°44	18°36	0°45	24°57	15°38	25°42	3°40	21°21	19°52	25°13	4°30	S 3
S 4	18 53 46	14°17'49	12♐45	22°46	29°43	19° 1	0°57	24°58	15°36	25°42	3°41	21°19	19°49	25°20	4°30	S 4
M 5	18 57 43	15°15'18	27° 0	24°18	0♏41	19°26	1° 9	24°59	15°34	25°41	3°43	21°15	19°46	25°26	4°30	M 5
T 6	19 1 40	16°12'45	11♑38	25°52	1°39	19°51	1°22	25° 0	15°32	25°41	3°44	21° 9	19°43	25°33	4°R30	T 6
W 7	19 5 36	17°10'11	26°34	27°30	2°37	20°15	1°34	25° 1	15°30	25°41	3°46	21° 1	19°40	25°40	4°30	W 7
T 8	19 9 33	18° 7'37	11♒36	29°10	3°34	20°39	1°46	25° 2	15°28	25°40	3°47	20°52	19°36	25°47	4°30	T 8
F 9	19 13 29	19° 5'02	26°37	0♋53	4°31	21° 2	1°58	25° 4	15°26	25°40	3°49	20°44	19°33	25°53	4°30	F 9
S 10	19 17 26	20° 2'26	11♓27	2°39	5°27	21°25	2°10	25° 5	15°24	25°40	3°50	20°38	19°30	26° 0	4°30	S 10
S 11	19 21 22	20°59'50	26° 0	4°27	6°23	21°48	2°22	25° 7	15°22	25°39	3°51	20°33	19°27	26° 7	4°30	S 11
M12	19 25 19	21°57'13	10♈11	6°18	7°18	22°10	2°34	25° 8	15°20	25°39	3°53	20°31	19°24	26°13	4°29	M12
T 13	19 29 15	22°54'37	23°59	8°11	8°13	22°32	2°45	25°10	15°18	25°38	3°54	20°D30	19°21	26°20	4°29	T 13
W14	19 33 12	23°51'59	7♉26	10° 7	9° 7	22°54	2°57	25°12	15°16	25°38	3°56	20°30	19°17	26°27	4°29	W14
T 15	19 37 9	24°49'22	20°33	12° 5	10° 1	23°15	3° 9	25°14	15°14	25°37	3°57	20°R31	19°14	26°34	4°28	T 15
F 16	19 41 5	25°46'45	3♊23	14° 6	10°54	23°35	3°20	25°16	15°13	25°36	3°59	20°30	19°11	26°40	4°28	F 16
S 17	19 45 2	26°44'07	16° 0	16° 9	11°47	23°55	3°31	25°18	15°11	25°36	4° 0	20°27	19° 8	26°47	4°27	S 17
S 18	19 48 58	27°41'29	28°25	18°13	12°38	24°15	3°43	25°20	15° 9	25°35	4° 2	20°22	19° 5	26°54	4°26	S 18
M19	19 52 55	28°38'50	10♋41	20°20	13°30	24°34	3°54	25°22	15° 8	25°34	4° 3	20°14	19° 1	27° 1	4°26	M19
T 20	19 56 51	29°36'11	22°50	22°28	14°20	24°52	4° 5	25°25	15° 6	25°34	4° 5	20° 3	18°58	27° 7	4°25	T 20
W21	20 0 48	0♌33'32	4♌52	24°37	15°10	25°10	4°16	25°27	15° 5	25°33	4° 6	19°51	18°55	27°14	4°24	W21
T 22	20 4 45	1°30'52	16°49	26°47	15°59	25°27	4°27	25°30	15° 3	25°32	4° 8	19°38	18°52	27°21	4°23	T 22
F 23	20 8 41	2°28'12	28°42	28°58	16°48	25°44	4°38	25°32	15° 2	25°31	4° 9	19°26	18°49	27°27	4°22	F 23
S 24	20 12 38	3°25'32	10♍33	1♌ 9	17°35	26° 1	4°48	25°35	15° 0	25°31	4°11	19°15	18°46	27°34	4°21	S 24
S 25	20 16 34	4°22'51	22°24	3°20	18°22	26°16	4°59	25°38	14°59	25°30	4°12	19° 6	18°42	27°41	4°20	S 25
M26	20 20 31	5°20'09	4♎19	5°31	19° 8	26°32	5° 9	25°41	14°58	25°29	4°14	19° 0	18°39	27°48	4°19	M26
T 27	20 24 27	6°17'28	16°20	7°42	19°53	26°46	5°20	25°44	14°56	25°28	4°15	18°56	18°36	27°54	4°18	T 27
W28	20 28 24	7°14'45	28°34	9°52	20°37	27° 0	5°30	25°47	14°55	25°27	4°17	18°54	18°33	28° 1	4°17	W28
T 29	20 32 20	8°12'03	11♏ 4	12° 1	21°21	27°13	5°40	25°51	14°54	25°26	4°18	18°D54	18°30	28° 8	4°16	T 29
F 30	20 36 17	9° 9'20	23°56	14° 9	22° 3	27°26	5°50	25°54	14°53	25°25	4°20	18°R54	18°27	28°14	4°15	F 30
S 31	20 40 14	10♌ 6'36	7♐13	16♌16	22♍44	27♓38	6♊ 0	25♎57	14♐52	25♓24	4♌21	18♉53	18♉23	28♌21	4♈13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n44	10s44	1n39	19n56	2s49	14n24	2n 2	8s 0	3s28	19n 6	0s58	7s16	2n29	22s23	0n 5	2s18	0s39	16n39	2s36	17n56	17n35	17n54	5n29	4n 3
F 2	22 39	15 52	0 31	20 11	2 40	14 0	1 58	7 53	3 31	19 9	0 58	7 16	2 28	22 23	0 5	2 18	0 39	16 39	2 36	17 56	17 34	17 52	5 30	4 3
S 3	22 34	20 24	0s41	20 26	2 31	13 37	1 55	7 46	3 34	19 11	0 58	7 16	2 28	22 22	0 5	2 18	0 39	16 38	2 36	17 56	17 33	17 50	5 30	4 3
S 4	22 28	23 59	1 52	20 41	2 21	13 13	1 52	7 39	3 37	19 14	0 58	7 17	2 28	22 22	0 5	2 18	0 39	16 38	2 35	17 56	17 32	17 47	5 30	4 3
M 5	22 22	26 11	2 59	20 55	2 11	12 49	1 48	7 32	3 40	19 16	0 58	7 18	2 28	22 22	0 5	2 18	0 39	16 38	2 35	17 55	17 31	17 45	5 30	4 3
T 6	22 15	26 38	3 56	21 9	2 1	12 25	1 45	7 25	3 43	19 18	0 58	7 18	2 27	22 22	0 5	2 18	0 39	16 38	2 35	17 53	17 30	17 43	5 30	4 3
W 7	22 8	25 12	4 38	21 22	1 50	12 1	1 41	7 18	3 46	19 21	0 58	7 19	2 27	22 21	0 5	2 19	0 39	16 37	2 35	17 51	17 30	17 40	5 30	4 4
T 8	22 1	21 58	5 1	21 34	1 39	11 37	1 37	7 12	3 49	19 23	0 58	7 19	2 27	22 21	0 5	2 19	0 40	16 37	2 35	17 49	17 29	17 38	5 31	4 4
F 9	21 53	17 17	5 3	21 46	1 28	11 12	1 32	7 5	3 52	19 25	0 58	7 20	2 27	22 21	0 5	2 19	0 40	16 37	2 35	17 47	17 28	17 35	5 31	4 4
S 10	21 45	11 36	4 45	21 55	1 17	10 48	1 28	6 59	3 56	19 28	0 58	7 21	2 26	22 21	0 5	2 19	0 40	16 37	2 35	17 45	17 27	17 33	5 31	4 4
S 11	21 36	5 23	4 9	22 4	1 5	10 23	1 23	6 53	3 59	19 30	0 58	7 22	2 26	22 21	0 5	2 19	0 40	16 36	2 35	17 44	17 26	17 31	5 31	4 4
M12	21 27	0n58	3 18	22 11	0 54	9 58	1 19	6 47	4 2	19 32	0 58	7 23	2 26	22 21	0 5	2 19	0 40	16 36	2 35	17 43	17 25	17 28	5 31	4 4
T 13	21 18	7 6	2 17	22 17	0 42	9 33	1 14	6 42	4 5	19 34	0 58	7 23	2 26	22 20	0 5	2 20	0 40	16 36	2 35	17 43	17 25	17 26	5 31	4 4
W14	21 8	12 47	1 9	22 20	0 30	9 8	1 9	6 36	4 8	19 36	0 58	7 24	2 25	22 20	0 5	2 20	0 40	16 35	2 35	17 43	17 24	17 23	5 31	4 5
T 15	20 58	17 44	0n 0	22 22	0 19	8 43	1 3	6 31	4 11	19 39	0 59	7 25	2 25	22 20	0 5	2 20	0 40	16 35	2 35	17 43	17 23	17 21	5 31	4 5
F 16	20 48	21 45	1 8	22 22	0 8	8 18	0 58	6 26	4 15	19 41	0 59	7 26	2 25	22 20	0 5	2 20	0 40	16 35	2 35	17 43	17 22	17 19	5 31	4 5
S 17	20 37	24 40	2 11	22 19	0n 4	7 53	0 52	6 21	4 18	19 43	0 59	7 27	2 25	22 20	0 5	2 21	0 40	16 35	2 35	17 42	17 21	17 16	5 30	4 5
S 18	20 26	26 20	3 7	22 14	0 14	7 28	0 46	6 16	4 21	19 45	0 59	7 28	2 25	22 19	0 5	2 21	0 40	16 34	2 34	17 41	17 20	17 14	5 30	4 5
M19	20 15	26 40	3 53	22 7	0 25	7 3	0 40	6 12	4 24	19 47	0 59	7 29	2 24	22 19	0 5	2 21	0 40	16 34	2 34	17 39	17 19	17 11	5 30	4 5
T 20	20 3	25 43	4 28	21 57	0 35	6 38	0 34	6 7	4 28	19 49	0 59	7 30	2 24	22 19	0 5	2 22	0 40	16 34	2 34	17 36	17 19	17 9	5 30	4 6
W21	19 51	23 35	4 51	21 45	0 45	6 13	0 28	6 3	4 31	19 50	0 59	7 31	2 24	22 19	0 5	2 22	0 40	16 33	2 34	17 33	17 18	17 6	5 30	4 6
T 22	19 39	20 26	5 0	21 30	0 54	5 48	0 21	6 0	4 34	19 52	0 59	7 33	2 24	22 19	0 5	2 22	0 40	16 33	2 34	17 29	17 17	17 4	5 30	4 6
F 23	19 26	16 28	4 57	21 12	1 2	5 23	0 14	5 56	4 38	19 54	0 59	7 34	2 23	22 19	0 5	2 23	0 40	16 33	2 34	17 26	17 16	17 2	5 29	4 6
S 24	19 13	11 53	4 41	20 52	1 10	4 58	0 7	5 53	4 41	19 56	0 59	7 35	2 23	22 19	0 5	2 23	0 40	16 33	2 34	17 23	17 15	16 59	5 29	4 6
S 25	19 0	6 51	4 12	20 30	1 18	4 33	0s 0	5 49	4 44	19 58	0 59	7 36	2 23	22 18	0 5	2 23	0 40	16 32	2 34	17 21	17 14	16 57	5 29	4 6
M26	18 46	1 34	3 33	20 5	1 24	4 9	0 8	5 47	4 48	20 0	1 0	7 37	2 23	22 18	0 5	2 24	0 40	16 32	2 34	17 19	17 13	16 54	5 29	4 6
T 27	18 32	3s51	2 43	19 38	1 30	3 44	0 15	5 44	4 51	20 1	1 0	7 39	2 22	22 18	0 5	2 24	0 40	16 32	2 34	17 18	17 12	16 52	5 28	4 6
W28	18 18	9 14	1 45	19 9	1 35	3 20	0 23	5 41	4 54	20 3	1 0	7 40	2 22	22 18	0 5	2 24	0 40	16 31	2 34	17 17	17 12	16 49	5 28	4 7
T 29	18 3	14 22	0 41	18 37	1 39	2 55	0 31	5 39	4 58	20 5	1 0	7 41	2 22	22 18	0 5	2 25	0 40	16 31	2 34	17 17	17 11	16 47	5 28	4 7
F 30	17 48	19 1	0s27	18 4	1 42	2 31	0 39	5 37	5 1	20 6	1 0	7 43	2 22	22 18	0 5	2 25	0 40	16 31	2 34	17 17	17 10	16 44	5 27	4 7
S 31	17n33	22s53	1s35	17n30	1n45	2n 7	0s48	5s36	5s 4	20n 8	1s 0	7s44	2n22	22s18	0n 5	2s26	0s40	16n31	2s34	17n17	17n 9	16n42	5n27	4n 7

Julian Day Number = 3058029.5, Delta T = 02h30m03s
Ecliptic obliquity = 23°13'38, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'09, Lahiri = 47°08'09

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

AUGUST 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 44 10	11♌ 3'53	20♐59	18♌21	23♍25	27♓50	6♊10	26♎ 1	14°R51	25°R23	4♌23	18°R50	18♉20	28♌28	4°R12	S 1
M 2	20 48 7	12° 1'09	5♑15	20°25	24° 4	28° 1	6°19	26° 4	14♐50	25♓22	4°24	18♉45	18°17	28°35	4♈11	M 2
T 3	20 52 3	12°58'25	19°58	22°27	24°42	28°11	6°29	26° 8	14°49	25°21	4°26	18°37	18°14	28°41	4° 9	T 3
W 4	20 56 0	13°55'41	5♒ 2	24°27	25°19	28°20	6°38	26°12	14°48	25°20	4°27	18°28	18°11	28°48	4° 8	W 4
T 5	20 59 56	14°52'56	20°19	26°26	25°54	28°29	6°48	26°16	14°47	25°19	4°29	18°17	18° 7	28°55	4° 6	T 5
F 6	21 3 53	15°50'12	5♓36	28°23	26°28	28°37	6°57	26°20	14°46	25°17	4°30	18° 6	18° 4	29° 1	4° 4	F 6
S 7	21 7 49	16°47'28	20°43	0♍18	27° 1	28°44	7° 6	26°24	14°45	25°16	4°32	17°58	18° 1	29° 8	4° 3	S 7
S 8	21 11 46	17°44'45	5♈30	2°11	27°33	28°51	7°15	26°28	14°45	25°15	4°33	17°51	17°58	29°15	4° 1	S 8
M 9	21 15 43	18°42'02	19°53	4° 2	28° 3	28°57	7°24	26°32	14°44	25°14	4°35	17°47	17°55	29°22	3°59	M 9
T 10	21 19 39	19°39'19	3♉48	5°52	28°32	29° 2	7°32	26°36	14°43	25°13	4°36	17°46	17°52	29°28	3°58	T 10
W11	21 23 36	20°36'37	17°17	7°39	28°59	29° 7	7°41	26°40	14°43	25°11	4°38	17°45	17°48	29°35	3°56	W11
T 12	21 27 32	21°33'55	0♊21	9°25	29°25	29°10	7°49	26°45	14°42	25°10	4°39	17°45	17°45	29°42	3°54	T 12
F 13	21 31 29	22°31'15	13° 5	11° 8	29°49	29°13	7°58	26°49	14°42	25° 9	4°41	17°44	17°42	29°49	3°52	F 13
S 14	21 35 25	23°28'34	25°33	12°50	0♎11	29°15	8° 6	26°54	14°41	25° 8	4°42	17°41	17°39	29°55	3°50	S 14
S 15	21 39 22	24°25'55	7♋48	14°30	0°32	29°16	8°14	26°59	14°41	25° 6	4°44	17°35	17°36	0♍ 2	3°48	S 15
M16	21 43 18	25°23'16	19°55	16° 9	0°50	29°R17	8°22	27° 3	14°41	25° 5	4°45	17°27	17°33	0° 9	3°46	M16
T 17	21 47 15	26°20'37	1♌54	17°45	1° 7	29°17	8°30	27° 8	14°41	25° 3	4°46	17°15	17°29	0°15	3°44	T 17
W18	21 51 12	27°18'00	13°50	19°19	1°22	29°16	8°37	27°13	14°40	25° 2	4°48	17° 3	17°26	0°22	3°42	W18
T 19	21 55 8	28°15'22	25°42	20°52	1°35	29°14	8°45	27°18	14°40	25° 1	4°49	16°49	17°23	0°29	3°40	T 19
F 20	21 59 5	29°12'45	7♍34	22°22	1°46	29°11	8°52	27°23	14°40	24°59	4°51	16°36	17°20	0°36	3°38	F 20
S 21	22 3 1	0♍10'09	19°26	23°51	1°55	29° 8	8°59	27°28	14°40	24°58	4°52	16°24	17°17	0°42	3°36	S 21
S 22	22 6 58	1° 7'33	1♎20	25°18	2° 2	29° 3	9° 6	27°33	14°D40	24°56	4°53	16°14	17°13	0°49	3°33	S 22
M23	22 10 54	2° 4'58	13°18	26°43	2° 6	28°59	9°13	27°38	14°40	24°55	4°55	16° 7	17°10	0°56	3°31	M23
T 24	22 14 51	3° 2'23	25°23	28° 6	2°R 8	28°53	9°19	27°43	14°40	24°53	4°56	16° 3	17° 7	1° 2	3°29	T 24
W25	22 18 47	3°59'48	7♏38	29°27	2° 8	28°46	9°26	27°49	14°40	24°52	4°58	16° 1	17° 4	1° 9	3°26	W25
T 26	22 22 44	4°57'14	20° 8	0♎46	2° 6	28°39	9°32	27°54	14°41	24°50	4°59	16°D 1	17° 1	1°16	3°24	T 26
F 27	22 26 41	5°54'41	2♐58	2° 3	2° 1	28°31	9°39	28° 0	14°41	24°49	5° 0	16°R 1	16°58	1°23	3°22	F 27
S 28	22 30 37	6°52'08	16°10	3°18	1°54	28°23	9°45	28° 5	14°41	24°47	5° 2	16° 1	16°54	1°29	3°19	S 28
S 29	22 34 34	7°49'36	29°49	4°30	1°44	28°14	9°50	28°11	14°41	24°46	5° 3	15°59	16°51	1°36	3°17	S 29
M30	22 38 30	8°47'04	13♑57	5°41	1°32	28° 4	9°56	28°16	14°42	24°44	5° 4	15°55	16°48	1°43	3°14	M30
T 31	22 42 27	9♍44'33	28♑32	6♎49	1♎18	27♓53	10♊ 2	28♎22	14♐42	24♓43	5♌ 5	15♉49	16♉45	1♍49	3♈12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n18	25s36	2s41	16n53	1n47	1n44	0s57	5s34	5s 8	20n 9	1s 0	7s46	2n21	22s18	0n 5	2s26	0s40	16n30	2s34	17n16	17n 8	16n39	5n26	4n 7
M 2	17 2	26 46	3 39	16 16	1 48	1 20	1 6	5 33	5 11	20 11	1 0	7 47	2 21	22 17	0 5	2 27	0 40	16 30	2 34	17 15	17 7	16 37	5 26	4 7
T 3	16 46	26 6	4 24	15 37	1 48	0 57	1 15	5 32	5 14	20 12	1 0	7 49	2 21	22 17	0 5	2 27	0 40	16 30	2 34	17 13	17 6	16 34	5 25	4 7
W 4	16 30	23 34	4 52	14 57	1 48	0 34	1 24	5 31	5 18	20 14	1 0	7 50	2 21	22 17	0 5	2 27	0 40	16 29	2 34	17 10	17 5	16 32	5 25	4 7
T 5	16 14	19 20	5 0	14 16	1 47	0 11	1 34	5 31	5 21	20 15	1 1	7 52	2 20	22 17	0 5	2 28	0 40	16 29	2 34	17 7	17 5	16 29	5 25	4 8
F 6	15 57	13 49	4 47	13 35	1 45	0s12	1 43	5 31	5 24	20 17	1 1	7 53	2 20	22 17	0 5	2 28	0 40	16 29	2 33	17 4	17 4	16 27	5 24	4 8
S 7	15 40	7 32	4 13	12 52	1 43	0 34	1 53	5 31	5 28	20 18	1 1	7 55	2 20	22 17	0 5	2 29	0 40	16 28	2 33	17 2	17 3	16 24	5 23	4 8
S 8	15 23	0 57	3 23	12 10	1 40	0 56	2 3	5 31	5 31	20 20	1 1	7 57	2 20	22 17	0 5	2 29	0 40	16 28	2 33	17 0	17 2	16 22	5 23	4 8
M 9	15 5	5n31	2 21	11 26	1 36	1 17	2 14	5 32	5 34	20 21	1 1	7 58	2 20	22 17	0 5	2 30	0 40	16 28	2 33	16 59	17 1	16 19	5 22	4 8
T 10	14 48	11 32	1 13	10 43	1 32	1 38	2 24	5 32	5 37	20 22	1 1	8 0	2 19	22 17	0 5	2 30	0 40	16 27	2 33	16 59	17 0	16 17	5 22	4 8
W11	14 30	16 48	0 3	9 59	1 28	1 59	2 35	5 34	5 40	20 23	1 1	8 2	2 19	22 17	0 5	2 31	0 40	16 27	2 33	16 58	16 59	16 14	5 21	4 8
T 12	14 11	21 7	1n 6	9 15	1 22	2 19	2 46	5 35	5 43	20 25	1 1	8 4	2 19	22 17	0 5	2 31	0 40	16 27	2 33	16 58	16 58	16 12	5 20	4 8
F 13	13 53	24 19	2 10	8 31	1 17	2 39	2 57	5 37	5 46	20 26	1 2	8 5	2 19	22 17	0 5	2 32	0 40	16 27	2 33	16 58	16 58	16 9	5 20	4 8
S 14	13 35	26 14	3 5	7 46	1 11	2 58	3 9	5 38	5 49	20 27	1 2	8 7	2 19	22 17	0 5	2 32	0 41	16 26	2 33	16 57	16 57	16 6	5 19	4 8
S 15	13 16	26 51	3 51	7 2	1 4	3 17	3 20	5 41	5 52	20 28	1 2	8 9	2 18	22 17	0 5	2 33	0 41	16 26	2 33	16 56	16 56	16 4	5 18	4 9
M16	12 57	26 10	4 27	6 18	0 57	3 35	3 32	5 43	5 55	20 29	1 2	8 11	2 18	22 17	0 5	2 34	0 41	16 26	2 33	16 53	16 55	16 1	5 18	4 9
T 17	12 38	24 16	4 49	5 34	0 50	3 52	3 44	5 46	5 58	20 30	1 2	8 13	2 18	22 17	0 5	2 34	0 41	16 25	2 33	16 50	16 54	15 59	5 17	4 9
W18	12 18	21 18	4 59	4 50	0 42	4 9	3 56	5 48	6 0	20 31	1 2	8 15	2 18	22 17	0 5	2 35	0 41	16 25	2 33	16 47	16 53	15 56	5 16	4 9
T 19	11 59	17 29	4 56	4 7	0 34	4 26	4 8	5 52	6 3	20 32	1 2	8 17	2 18	22 17	0 5	2 35	0 41	16 25	2 33	16 43	16 52	15 54	5 15	4 9
F 20	11 39	13 0	4 40	3 24	0 26	4 41	4 21	5 55	6 5	20 33	1 2	8 18	2 17	22 17	0 5	2 36	0 41	16 24	2 33	16 39	16 51	15 51	5 15	4 9
S 21	11 19	8 1	4 12	2 41	0 17	4 56	4 33	5 59	6 8	20 34	1 3	8 20	2 17	22 17	0 5	2 36	0 41	16 24	2 33	16 36	16 51	15 48	5 14	4 9
S 22	10 59	2 44	3 33	1 59	0 8	5 10	4 45	6 2	6 10	20 35	1 3	8 22	2 17	22 17	0 5	2 37	0 41	16 24	2 33	16 33	16 50	15 46	5 13	4 9
M23	10 38	2s41	2 44	1 17	0s 1	5 24	4 58	6 6	6 12	20 36	1 3	8 24	2 17	22 17	0 5	2 38	0 41	16 24	2 33	16 31	16 49	15 43	5 12	4 9
T 24	10 18	8 4	1 47	0 36	0 10	5 36	5 11	6 10	6 14	20 37	1 3	8 26	2 17	22 17	0 5	2 38	0 41	16 23	2 33	16 30	16 48	15 41	5 11	4 9
W25	9 57	13 14	0 44	0s 5	0 20	5 48	5 23	6 15	6 16	20 38	1 3	8 29	2 17	22 17	0 5	2 39	0 41	16 23	2 33	16 29	16 47	15 38	5 10	4 9
T 26	9 37	17 58	0s22	0 46	0 30	5 58	5 36	6 19	6 18	20 39	1 3	8 31	2 16	22 17	0 5	2 39	0 41	16 23	2 33	16 29	16 46	15 36	5 9	4 9
F 27	9 16	22 1	1 29	1 25	0 40	6 8	5 48	6 24	6 20	20 39	1 3	8 33	2 16	22 17	0 5	2 40	0 41	16 22	2 33	16 29	16 45	15 33	5 9	4 9
S 28	8 55	25 3	2 33	2 4	0 50	6 16	6 1	6 29	6 22	20 40	1 4	8 35	2 16	22 17	0 5	2 41	0 41	16 22	2 33	16 29	16 44	15 30	5 8	4 9
S 29	8 34	26 44	3 31	2 42	1 0	6 24	6 13	6 34	6 23	20 41	1 4	8 37	2 16	22 17	0 5	2 41	0 41	16 22	2 33	16 29	16 43	15 28	5 7	4 9
M30	8 12	26 46	4 18	3 19	1 11	6 30	6 25	6 39	6 24	20 41	1 4	8 39	2 16	22 17	0 5	2 42	0 41	16 22	2 33	16 27	16 42	15 25	5 6	4 9
T 31	7n51	25s 0	4s50	3s56	1s22	6s35	6s37	6s44	6s26	20n42	1s 4	8s41	2n16	22s17	0n 4	2s43	0s41	16n21	2s33	16n26	16n42	15n22	5n 5	4n 9

Julian Day Number = 3058060.5, Delta T = 02h30m04s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'13, Lahiri = 47°08'13

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

SEPTEMBER 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 46 23	10♍42'02	13♒30	7♎54	1°R 1	27°R42	10♊ 7	28♎28	14♐43	24°R41	5♌ 7	15°R40	16♉42	1♍56	3°R 9	W 1
T 2	22 50 20	11°39'32	28°43	8°57	0♎42	27♓31	10°12	28°34	14°43	24♓40	5° 8	15♉31	16°39	2° 3	3♈ 7	T 2
F 3	22 54 16	12°37'03	14♓ 2	9°58	0°21	27°18	10°17	28°40	14°44	24°38	5° 9	15°22	16°35	2°10	3° 4	F 3
S 4	22 58 13	13°34'35	29°14	10°55	29♍57	27° 6	10°22	28°46	14°45	24°36	5°10	15°15	16°32	2°16	3° 2	S 4
S 5	23 2 10	14°32'08	14♈10	11°50	29°31	26°53	10°27	28°52	14°45	24°35	5°12	15° 9	16°29	2°23	2°59	S 5
M 6	23 6 6	15°29'42	28°42	12°42	29° 4	26°39	10°31	28°58	14°46	24°33	5°13	15° 6	16°26	2°30	2°56	M 6
T 7	23 10 3	16°27'17	12♉46	13°31	28°34	26°25	10°36	29° 4	14°47	24°31	5°14	15°D 5	16°23	2°36	2°54	T 7
W 8	23 13 59	17°24'54	26°22	14°16	28° 3	26°11	10°40	29°10	14°48	24°30	5°15	15° 5	16°19	2°43	2°51	W 8
T 9	23 17 56	18°22'32	9♊30	14°58	27°31	25°56	10°44	29°16	14°49	24°28	5°16	15° 6	16°16	2°50	2°48	T 9
F 10	23 21 52	19°20'12	22°16	15°36	26°57	25°41	10°48	29°22	14°50	24°27	5°18	15°R 6	16°13	2°57	2°46	F 10
S 11	23 25 49	20°17'53	4♋43	16°10	26°22	25°25	10°51	29°29	14°51	24°25	5°19	15° 5	16°10	3° 3	2°43	S 11
S 12	23 29 45	21°15'36	16°55	16°40	25°46	25°10	10°55	29°35	14°52	24°23	5°20	15° 2	16° 7	3°10	2°40	S 12
M13	23 33 42	22°13'19	28°57	17° 6	25° 9	24°54	10°58	29°41	14°53	24°22	5°21	14°56	16° 4	3°17	2°37	M13
T 14	23 37 39	23°11'05	10♌52	17°27	24°32	24°38	11° 1	29°48	14°54	24°20	5°22	14°49	16° 0	3°24	2°35	T 14
W15	23 41 35	24° 8'51	22°44	17°43	23°55	24°22	11° 4	29°54	14°56	24°18	5°23	14°40	15°57	3°30	2°32	W15
T 16	23 45 32	25° 6'39	4♍36	17°54	23°17	24° 7	11° 7	0♏ 1	14°57	24°17	5°24	14°31	15°54	3°37	2°29	T 16
F 17	23 49 28	26° 4'29	16°28	18° 0	22°40	23°51	11° 9	0° 8	14°58	24°15	5°25	14°21	15°51	3°44	2°26	F 17
S 18	23 53 25	27° 2'20	28°24	18°R 0	22° 4	23°35	11°11	0°14	15° 0	24°14	5°26	14°13	15°48	3°50	2°23	S 18
S 19	23 57 21	28° 0'12	10♎24	17°55	21°28	23°19	11°14	0°21	15° 1	24°12	5°27	14° 6	15°45	3°57	2°21	S 19
M20	0 1 18	28°58'05	22°31	17°44	20°53	23° 4	11°15	0°28	15° 2	24°10	5°28	14° 2	15°41	4° 4	2°18	M20
T 21	0 5 14	29°56'00	4♏45	17°26	20°19	22°48	11°17	0°34	15° 4	24° 9	5°29	14° 0	15°38	4°11	2°15	T 21
W22	0 9 11	0♎53'56	17°10	17° 3	19°47	22°33	11°19	0°41	15° 6	24° 7	5°30	13°D59	15°35	4°17	2°12	W22
T 23	0 13 7	1°51'53	29°48	16°34	19°16	22°18	11°20	0°48	15° 7	24° 5	5°31	14° 0	15°32	4°24	2° 9	T 23
F 24	0 17 4	2°49'52	12♐42	15°59	18°46	22° 4	11°21	0°55	15° 9	24° 4	5°32	14° 2	15°29	4°31	2° 7	F 24
S 25	0 21 1	3°47'52	25°55	15°19	18°19	21°50	11°22	1° 2	15°11	24° 2	5°33	14° 3	15°25	4°37	2° 4	S 25
S 26	0 24 57	4°45'53	9♑30	14°33	17°53	21°37	11°23	1° 9	15°12	24° 1	5°34	14°R 3	15°22	4°44	2° 1	S 26
M27	0 28 54	5°43'55	23°28	13°43	17°30	21°24	11°23	1°16	15°14	23°59	5°35	14° 2	15°19	4°51	1°58	M27
T 28	0 32 50	6°41'58	7♒49	12°50	17° 9	21°11	11°23	1°23	15°16	23°57	5°35	13°59	15°16	4°58	1°55	T 28
W29	0 36 47	7°40'03	22°30	11°53	16°50	20°59	11°R24	1°30	15°18	23°56	5°36	13°54	15°13	5° 4	1°52	W29
T 30	0 40 43	8♎38'09	7♓26	10♎55	16♍33	20♓48	11♊24	1♏37	15♐20	23♓54	5♌37	13♉49	15♉10	5♍11	1♈50	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n29	21s28	5s 3	4s31	1s32	6s39	6s49	6s49	6s27	20n43	1s 4	8s43	2n15	22s17	0n 4	2s43	0s41	16n21	2s33	16n23	16n41	15n20	5n 4	4n 9
T 2	7 8	16 26	4 55	5 6	1 43	6 42	7 0	6 55	6 27	20 43	1 4	8 46	2 15	22 17	0 4	2 44	0 41	16 21	2 33	16 21	16 40	15 17	5 3	4 9
F 3	6 46	10 20	4 26	5 40	1 54	6 44	7 11	7 0	6 28	20 44	1 4	8 48	2 15	22 17	0 4	2 44	0 41	16 20	2 33	16 18	16 39	15 15	5 2	4 9
S 4	6 24	3 39	3 39	6 12	2 5	6 44	7 21	7 6	6 29	20 45	1 5	8 50	2 15	22 17	0 4	2 45	0 41	16 20	2 33	16 16	16 38	15 12	5 1	4 9
S 5	6 2	3n 7	2 37	6 43	2 15	6 43	7 31	7 11	6 29	20 45	1 5	8 52	2 15	22 18	0 4	2 46	0 41	16 20	2 33	16 14	16 37	15 9	5 0	4 9
M 6	5 40	9 34	1 26	7 13	2 26	6 41	7 41	7 17	6 29	20 46	1 5	8 54	2 15	22 18	0 4	2 46	0 41	16 20	2 33	16 13	16 36	15 7	4 59	4 9
T 7	5 18	15 20	0 12	7 42	2 37	6 37	7 49	7 22	6 29	20 46	1 5	8 57	2 15	22 18	0 4	2 47	0 41	16 19	2 33	16 13	16 35	15 4	4 58	4 9
W 8	4 56	20 8	1n 0	8 9	2 48	6 33	7 58	7 28	6 29	20 46	1 5	8 59	2 14	22 18	0 4	2 48	0 41	16 19	2 33	16 13	16 34	15 1	4 57	4 9
T 9	4 33	23 46	2 7	8 35	2 58	6 27	8 5	7 33	6 29	20 47	1 5	9 1	2 14	22 18	0 4	2 48	0 41	16 19	2 33	16 13	16 33	14 59	4 56	4 9
F 10	4 11	26 5	3 5	8 59	3 8	6 20	8 12	7 39	6 28	20 47	1 5	9 4	2 14	22 18	0 4	2 49	0 41	16 19	2 32	16 13	16 33	14 56	4 54	4 9
S 11	3 49	27 2	3 54	9 21	3 18	6 11	8 18	7 44	6 27	20 48	1 6	9 6	2 14	22 18	0 4	2 50	0 41	16 18	2 32	16 13	16 32	14 53	4 53	4 9
S 12	3 26	26 38	4 30	9 42	3 28	6 2	8 23	7 49	6 26	20 48	1 6	9 8	2 14	22 18	0 4	2 50	0 41	16 18	2 32	16 12	16 31	14 51	4 52	4 9
M13	3 4	24 59	4 54	10 0	3 37	5 51	8 27	7 54	6 25	20 48	1 6	9 11	2 14	22 18	0 4	2 51	0 41	16 18	2 32	16 10	16 30	14 48	4 51	4 9
T 14	2 41	22 15	5 5	10 17	3 46	5 40	8 30	7 59	6 24	20 48	1 6	9 13	2 14	22 19	0 4	2 52	0 41	16 18	2 32	16 8	16 29	14 45	4 50	4 9
W15	2 18	18 35	5 3	10 31	3 55	5 28	8 33	8 4	6 22	20 49	1 6	9 15	2 14	22 19	0 4	2 52	0 41	16 17	2 32	16 6	16 28	14 43	4 49	4 9
T 16	1 56	14 12	4 48	10 42	4 2	5 15	8 34	8 9	6 20	20 49	1 6	9 18	2 13	22 19	0 4	2 53	0 41	16 17	2 32	16 3	16 27	14 40	4 48	4 9
F 17	1 33	9 17	4 20	10 51	4 10	5 1	8 35	8 13	6 19	20 49	1 6	9 20	2 13	22 19	0 4	2 54	0 41	16 17	2 32	16 0	16 26	14 37	4 47	4 9
S 18	1 10	4 0	3 41	10 57	4 16	4 46	8 34	8 18	6 16	20 49	1 7	9 22	2 13	22 19	0 4	2 54	0 41	16 17	2 32	15 58	16 25	14 34	4 45	4 9
S 19	0 47	1s27	2 51	11 0	4 22	4 31	8 33	8 22	6 14	20 49	1 7	9 25	2 13	22 19	0 4	2 55	0 41	16 16	2 32	15 56	16 24	14 32	4 44	4 9
M20	0 24	6 56	1 53	11 0	4 26	4 16	8 31	8 26	6 12	20 50	1 7	9 27	2 13	22 20	0 4	2 55	0 41	16 16	2 32	15 55	16 24	14 29	4 43	4 9
T 21	0 2	12 13	0 50	10 56	4 29	4 0	8 28	8 29	6 9	20 50	1 7	9 30	2 13	22 20	0 4	2 56	0 41	16 16	2 32	15 54	16 23	14 26	4 42	4 9
W22	0s21	17 5	0s17	10 49	4 31	3 44	8 24	8 33	6 6	20 50	1 7	9 32	2 13	22 20	0 4	2 57	0 41	16 16	2 32	15 54	16 22	14 24	4 41	4 9
T 23	0 44	21 19	1 25	10 39	4 32	3 28	8 20	8 36	6 3	20 50	1 7	9 34	2 13	22 20	0 4	2 57	0 41	16 16	2 32	15 54	16 21	14 21	4 40	4 9
F 24	1 7	24 35	2 29	10 24	4 31	3 11	8 14	8 38	6 0	20 50	1 7	9 37	2 13	22 20	0 4	2 58	0 41	16 15	2 32	15 54	16 20	14 18	4 38	4 9
S 25	1 30	26 38	3 28	10 7	4 29	2 55	8 8	8 41	5 57	20 50	1 8	9 39	2 13	22 21	0 4	2 59	0 41	16 15	2 32	15 55	16 19	14 15	4 37	4 9
S 26	1 53	27 9	4 16	9 45	4 24	2 39	8 1	8 43	5 53	20 50	1 8	9 42	2 12	22 21	0 4	2 59	0 41	16 15	2 32	15 55	16 18	14 13	4 36	4 9
M27	2 15	25 59	4 51	9 20	4 18	2 23	7 54	8 45	5 50	20 50	1 8	9 44	2 12	22 21	0 4	3 0	0 41	16 15	2 32	15 54	16 17	14 10	4 35	4 8
T 28	2 38	23 8	5 9	8 52	4 10	2 8	7 46	8 46	5 46	20 49	1 8	9 47	2 12	22 21	0 4	3 1	0 41	16 14	2 32	15 54	16 16	14 7	4 34	4 8
W29	3 1	18 44	5 7	8 21	4 0	1 53	7 37	8 47	5 42	20 49	1 8	9 49	2 12	22 21	0 4	3 1	0 41	16 14	2 32	15 52	16 15	14 4	4 32	4 8
T 30	3s24	13s 7	4s45	7s47	3s48	1s38	7s28	8s48	5s38	20n49	1s 8	9s52	2n12	22s22	0n 4	3s 2	0s41	16n14	2s32	15n51	16n14	14n 2	4n31	4n 8

Julian Day Number = 3058091.5, Delta T = 02h30m05s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'17, Lahiri = 47°08'18

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

OCTOBER 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 44 40	9♎36'16	22♓30	9°R57	16°R19	20°R37	11°R23	1♏44	15♐22	23°R53	5♑38	13°R45	15♉ 6	5♍18	1°R47	F 1
S 2	0 48 36	10°34'25	7♈31	8♎59	16♍ 7	20♓27	11♊23	1°51	15°24	23♓51	5°39	13♉40	15° 3	5°24	1♈44	S 2
S 3	0 52 33	11°32'36	22°22	8° 3	15°58	20°17	11°22	1°58	15°26	23°49	5°39	13°37	15° 0	5°31	1°41	S 3
M 4	0 56 30	12°30'48	6♉53	7°11	15°51	20° 9	11°21	2° 5	15°28	23°48	5°40	13°D36	14°57	5°38	1°39	M 4
T 5	1 0 26	13°29'02	21° 1	6°23	15°46	20° 0	11°20	2°12	15°30	23°46	5°41	13°36	14°54	5°45	1°36	T 5
W 6	1 4 23	14°27'18	4♊42	5°41	15°D44	19°53	11°19	2°19	15°33	23°45	5°41	13°37	14°50	5°51	1°33	W 6
T 7	1 8 19	15°25'36	17°56	5° 6	15°44	19°46	11°17	2°27	15°35	23°43	5°42	13°39	14°47	5°58	1°30	T 7
F 8	1 12 16	16°23'56	0♋47	4°39	15°47	19°40	11°16	2°34	15°37	23°42	5°43	13°40	14°44	6° 5	1°28	F 8
S 9	1 16 12	17°22'18	13°17	4°20	15°52	19°35	11°14	2°41	15°40	23°40	5°43	13°R41	14°41	6°11	1°25	S 9
S 10	1 20 9	18°20'42	25°31	4°11	15°59	19°31	11°12	2°48	15°42	23°39	5°44	13°41	14°38	6°18	1°22	S 10
M11	1 24 5	19°19'08	7♌33	4°D10	16° 8	19°27	11° 9	2°56	15°44	23°38	5°45	13°39	14°35	6°25	1°20	M11
T 12	1 28 2	20°17'36	19°27	4°19	16°20	19°24	11° 7	3° 3	15°47	23°36	5°45	13°37	14°31	6°32	1°17	T 12
W13	1 31 59	21°16'06	1♍19	4°38	16°33	19°22	11° 4	3°10	15°49	23°35	5°46	13°34	14°28	6°38	1°15	W13
T 14	1 35 55	22°14'38	13°11	5° 6	16°49	19°21	11° 1	3°18	15°52	23°33	5°46	13°31	14°25	6°45	1°12	T 14
F 15	1 39 52	23°13'12	25° 7	5°43	17° 7	19°D20	10°58	3°25	15°54	23°32	5°47	13°27	14°22	6°52	1° 9	F 15
S 16	1 43 48	24°11'47	7♎ 8	6°28	17°26	19°20	10°55	3°33	15°57	23°31	5°47	13°24	14°19	6°58	1° 7	S 16
S 17	1 47 45	25°10'25	19°18	7°22	17°48	19°22	10°52	3°40	16° 0	23°29	5°47	13°22	14°16	7° 5	1° 4	S 17
M18	1 51 41	26° 9'05	1♏38	8°23	18°11	19°24	10°48	3°47	16° 2	23°28	5°48	13°20	14°12	7°12	1° 2	M18
T 19	1 55 38	27° 7'46	14° 8	9°31	18°36	19°26	10°44	3°55	16° 5	23°27	5°48	13°D20	14° 9	7°18	0°59	T 19
W20	1 59 34	28° 6'30	26°50	10°46	19° 2	19°30	10°40	4° 2	16° 8	23°25	5°49	13°21	14° 6	7°25	0°57	W20
T 21	2 3 31	29° 5'15	9♐45	12° 6	19°30	19°34	10°36	4°10	16°11	23°24	5°49	13°21	14° 3	7°32	0°55	T 21
F 22	2 7 27	0♏ 4'02	22°54	13°31	20° 0	19°39	10°31	4°17	16°14	23°23	5°49	13°23	14° 0	7°39	0°52	F 22
S 23	2 11 24	1° 2'50	6♑17	15° 0	20°31	19°45	10°27	4°25	16°16	23°22	5°50	13°24	13°56	7°45	0°50	S 23
S 24	2 15 21	2° 1'41	19°56	16°33	21° 4	19°52	10°22	4°32	16°19	23°20	5°50	13°24	13°53	7°52	0°48	S 24
M25	2 19 17	3° 0'32	3♒51	18°10	21°38	20° 0	10°17	4°39	16°22	23°19	5°50	13°R25	13°50	7°59	0°45	M25
T 26	2 23 14	3°59'26	18° 0	19°48	22°14	20° 8	10°12	4°47	16°25	23°18	5°50	13°24	13°47	8° 5	0°43	T 26
W27	2 27 10	4°58'21	2♓23	21°29	22°50	20°17	10° 7	4°54	16°28	23°17	5°51	13°24	13°44	8°12	0°41	W27
T 28	2 31 7	5°57'17	16°56	23°12	23°28	20°27	10° 1	5° 2	16°31	23°16	5°51	13°23	13°41	8°19	0°39	T 28
F 29	2 35 3	6°56'15	1♈34	24°56	24° 7	20°37	9°56	5° 9	16°34	23°15	5°51	13°22	13°37	8°26	0°37	F 29
S 30	2 39 0	7°55'15	16°11	26°40	24°48	20°49	9°50	5°17	16°37	23°14	5°51	13°21	13°34	8°32	0°35	S 30
S 31	2 42 56	8♏54'17	0♉42	28♎26	25♍29	21♓ 1	9♊44	5♏24	16♐41	23♓13	5♑51	13♉21	13♉31	8♍39	0♈33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s46	6s41	4s 3	7s12	3s35	1s24	7s19	8s49	5s34	20n49	1s 8	9s54	2n12	22s22	0n 4	3s 2	0s41	16n14	2s32	15n49	16n13	13n59	4n30	4n 8
S 2	4 9	0n 8	3 4	6 35	3 20	1 11	7 9	8 49	5 30	20 49	1 9	9 57	2 12	22 22	0 4	3 3	0 41	16 14	2 32	15 48	16 13	13 56	4 29	4 8
S 3	4 32	6 52	1 53	5 58	3 3	0 58	6 59	8 49	5 26	20 49	1 9	9 59	2 12	22 22	0 4	3 4	0 41	16 14	2 32	15 47	16 12	13 53	4 28	4 8
M 4	4 54	13 7	0 37	5 21	2 45	0 46	6 49	8 48	5 22	20 48	1 9	10 2	2 12	22 23	0 4	3 4	0 41	16 13	2 32	15 47	16 11	13 51	4 26	4 8
T 5	5 17	18 30	0n40	4 45	2 26	0 34	6 38	8 47	5 17	20 48	1 9	10 4	2 12	22 23	0 4	3 5	0 41	16 13	2 32	15 47	16 10	13 48	4 25	4 8
W 6	5 39	22 44	1 53	4 11	2 7	0 23	6 27	8 46	5 13	20 48	1 9	10 7	2 12	22 23	0 4	3 6	0 41	16 13	2 32	15 47	16 9	13 45	4 24	4 7
T 7	6 1	25 38	2 57	3 39	1 47	0 13	6 16	8 45	5 8	20 47	1 9	10 9	2 12	22 23	0 4	3 6	0 41	16 13	2 32	15 48	16 8	13 42	4 23	4 7
F 8	6 24	27 4	3 50	3 10	1 27	0 4	6 5	8 43	5 3	20 47	1 9	10 12	2 12	22 24	0 4	3 7	0 41	16 13	2 32	15 48	16 7	13 40	4 22	4 7
S 9	6 46	27 4	4 31	2 44	1 7	0n 5	5 54	8 40	4 59	20 47	1 9	10 14	2 12	22 24	0 4	3 7	0 41	16 13	2 32	15 48	16 6	13 37	4 21	4 7
S 10	7 8	25 44	4 58	2 23	0 48	0 12	5 43	8 38	4 54	20 46	1 10	10 17	2 12	22 24	0 4	3 8	0 41	16 12	2 32	15 48	16 5	13 34	4 19	4 7
M11	7 30	23 15	5 12	2 5	0 29	0 19	5 31	8 35	4 49	20 46	1 10	10 19	2 11	22 24	0 4	3 8	0 41	16 12	2 32	15 48	16 4	13 31	4 18	4 7
T 12	7 52	19 48	5 12	1 52	0 11	0 25	5 20	8 31	4 44	20 45	1 10	10 22	2 11	22 25	0 4	3 9	0 41	16 12	2 32	15 47	16 3	13 28	4 17	4 7
W13	8 13	15 34	4 59	1 44	0n 6	0 31	5 9	8 28	4 40	20 45	1 10	10 24	2 11	22 25	0 4	3 10	0 41	16 12	2 32	15 46	16 2	13 26	4 16	4 6
T 14	8 35	10 46	4 33	1 40	0 22	0 35	4 57	8 24	4 35	20 44	1 10	10 27	2 11	22 25	0 4	3 10	0 41	16 12	2 32	15 45	16 1	13 23	4 15	4 6
F 15	8 57	5 32	3 55	1 41	0 37	0 39	4 46	8 20	4 30	20 44	1 10	10 29	2 11	22 26	0 4	3 11	0 41	16 12	2 32	15 44	16 0	13 20	4 13	4 6
S 16	9 18	0 3	3 6	1 47	0 50	0 41	4 35	8 15	4 25	20 43	1 10	10 32	2 11	22 26	0 4	3 11	0 41	16 12	2 32	15 43	16 0	13 17	4 12	4 6
S 17	9 39	5s30	2 9	1 57	1 2	0 44	4 24	8 10	4 20	20 43	1 10	10 34	2 11	22 26	0 4	3 12	0 41	16 12	2 32	15 43	15 59	13 14	4 11	4 6
M18	10 1	10 56	1 4	2 11	1 13	0 45	4 13	8 5	4 15	20 42	1 11	10 37	2 11	22 26	0 4	3 12	0 41	16 12	2 32	15 42	15 58	13 12	4 10	4 6
T 19	10 22	16 1	0s 4	2 28	1 23	0 45	4 2	7 59	4 10	20 42	1 11	10 39	2 11	22 27	0 4	3 13	0 41	16 11	2 32	15 42	15 57	13 9	4 9	4 5
W20	10 42	20 29	1 14	2 50	1 31	0 45	3 51	7 53	4 5	20 41	1 11	10 41	2 11	22 27	0 4	3 13	0 41	16 11	2 32	15 42	15 56	13 6	4 8	4 5
T 21	11 3	24 2	2 21	3 14	1 38	0 44	3 40	7 47	4 1	20 40	1 11	10 44	2 11	22 27	0 4	3 14	0 41	16 11	2 32	15 43	15 55	13 3	4 7	4 5
F 22	11 24	26 24	3 22	3 42	1 43	0 42	3 30	7 41	3 56	20 39	1 11	10 46	2 11	22 28	0 4	3 14	0 41	16 11	2 32	15 43	15 54	13 0	4 6	4 5
S 23	11 44	27 17	4 13	4 12	1 48	0 40	3 19	7 34	3 51	20 39	1 11	10 49	2 11	22 28	0 4	3 15	0 41	16 11	2 32	15 43	15 53	12 57	4 4	4 5
S 24	12 4	26 33	4 51	4 44	1 51	0 37	3 9	7 27	3 46	20 38	1 11	10 51	2 11	22 28	0 4	3 15	0 41	16 11	2 32	15 43	15 52	12 55	4 3	4 4
M25	12 24	24 11	5 12	5 19	1 53	0 33	2 59	7 20	3 41	20 37	1 11	10 54	2 11	22 28	0 4	3 16	0 41	16 11	2 32	15 44	15 51	12 52	4 2	4 4
T 26	12 44	20 18	5 16	5 54	1 55	0 28	2 49	7 12	3 37	20 36	1 11	10 56	2 11	22 29	0 4	3 16	0 41	16 11	2 32	15 43	15 50	12 49	4 1	4 4
W27	13 4	15 12	4 59	6 31	1 55	0 23	2 39	7 4	3 32	20 36	1 11	10 59	2 11	22 29	0 4	3 16	0 41	16 11	2 32	15 43	15 49	12 46	4 0	4 4
T 28	13 23	9 10	4 24	7 9	1 55	0 17	2 29	6 56	3 27	20 35	1 11	11 1	2 11	22 29	0 4	3 17	0 41	16 11	2 32	15 43	15 48	12 43	3 59	4 4
F 29	13 43	2 37	3 31	7 48	1 53	0 11	2 19	6 47	3 23	20 34	1 11	11 4	2 11	22 30	0 4	3 17	0 41	16 11	2 32	15 43	15 47	12 40	3 58	4 3
S 30	14 2	4n 5	2 25	8 28	1 52	0 4	2 10	6 39	3 18	20 33	1 11	11 6	2 11	22 30	0 4	3 18	0 41	16 11	2 32	15 43	15 46	12 38	3 57	4 3
S 31	14s20	10n32	1s10	9s 7	1n49	0s 4	2s 0	6s30	3s13	20n32	1s12	11s 8	2n11	22s30	0n 4	3s18	0s41	16n11	2s32	15n42	15n45	12n35	3n56	4n 3

Julian Day Number = 3058121.5, Delta T = 02h30m05s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'21, Lahiri = 47°08'22

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

NOVEMBER 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 46 53	9♏53'21	14♉59	0♏12	26♍12	21♓13	9°R38	5♏32	16♐44	23°R12	5♌51	13°D21	13♉28	8♍46	0°R31	M 1
T 2	2 50 50	10°52'27	28°58	1°58	26°55	21°26	9♊32	5°39	16°47	23♓11	5°51	13♉21	13°25	8°52	0♈29	T 2
W 3	2 54 46	11°51'35	12♊37	3°44	27°40	21°40	9°26	5°47	16°50	23°10	5°51	13°21	13°22	8°59	0°27	W 3
T 4	2 58 43	12°50'45	25°52	5°30	28°25	21°55	9°19	5°54	16°53	23° 9	5°R51	13°21	13°18	9° 6	0°25	T 4
F 5	3 2 39	13°49'57	8♋46	7°15	29°12	22°10	9°13	6° 1	16°57	23° 8	5°51	13°R21	13°15	9°13	0°23	F 5
S 6	3 6 36	14°49'11	21°19	9° 1	29°59	22°26	9° 6	6° 9	17° 0	23° 7	5°51	13°21	13°12	9°19	0°21	S 6
S 7	3 10 32	15°48'28	3♌36	10°46	0♎48	22°43	8°59	6°16	17° 3	23° 6	5°51	13°21	13° 9	9°26	0°19	S 7
M 8	3 14 29	16°47'47	15°40	12°30	1°37	23° 0	8°52	6°24	17° 7	23° 5	5°51	13°D21	13° 6	9°33	0°18	M 8
T 9	3 18 25	17°47'07	27°35	14°14	2°27	23°17	8°45	6°31	17°10	23° 5	5°51	13°21	13° 2	9°39	0°16	T 9
W10	3 22 22	18°46'31	9♍27	15°58	3°17	23°36	8°38	6°38	17°13	23° 4	5°51	13°21	12°59	9°46	0°14	W10
T 11	3 26 19	19°45'56	21°20	17°40	4° 9	23°54	8°31	6°46	17°17	23° 3	5°51	13°22	12°56	9°53	0°13	T 11
F 12	3 30 15	20°45'23	3♎18	19°23	5° 1	24°14	8°23	6°53	17°20	23° 2	5°51	13°23	12°53	10° 0	0°11	F 12
S 13	3 34 12	21°44'53	15°25	21° 4	5°54	24°34	8°16	7° 0	17°24	23° 2	5°51	13°24	12°50	10° 6	0°10	S 13
S 14	3 38 8	22°44'25	27°44	22°45	6°47	24°54	8° 8	7° 8	17°27	23° 1	5°50	13°24	12°47	10°13	0° 8	S 14
M15	3 42 5	23°43'58	10♏17	24°25	7°42	25°15	8° 1	7°15	17°31	23° 0	5°50	13°R25	12°43	10°20	0° 7	M15
T 16	3 46 1	24°43'34	23° 5	26° 5	8°36	25°37	7°53	7°22	17°34	23° 0	5°50	13°25	12°40	10°26	0° 6	T 16
W17	3 49 58	25°43'12	6♐10	27°44	9°32	25°59	7°45	7°29	17°38	22°59	5°50	13°24	12°37	10°33	0° 4	W17
T 18	3 53 54	26°42'52	19°29	29°23	10°28	26°21	7°37	7°37	17°41	22°59	5°49	13°22	12°34	10°40	0° 3	T 18
F 19	3 57 51	27°42'33	3♑ 2	1♐ 1	11°24	26°44	7°29	7°44	17°45	22°58	5°49	13°21	12°31	10°46	0° 2	F 19
S 20	4 1 48	28°42'17	16°48	2°38	12°22	27° 7	7°21	7°51	17°48	22°58	5°49	13°19	12°28	10°53	0° 1	S 20
S 21	4 5 44	29°42'02	0♒43	4°15	13°19	27°31	7°13	7°58	17°52	22°57	5°48	13°17	12°24	11° 0	29♓59	S 21
M22	4 9 41	0♐41'48	14°46	5°52	14°17	27°56	7° 5	8° 5	17°55	22°57	5°48	13°15	12°21	11° 7	29°59	M22
T 23	4 13 37	1°41'36	28°54	7°28	15°16	28°21	6°57	8°12	17°59	22°57	5°47	13°D15	12°18	11°13	29°58	T 23
W24	4 17 34	2°41'26	13♓ 6	9° 3	16°15	28°46	6°49	8°19	18° 3	22°56	5°47	13°15	12°15	11°20	29°57	W24
T 25	4 21 30	3°41'17	27°19	10°38	17°14	29°11	6°41	8°26	18° 6	22°56	5°46	13°16	12°12	11°27	29°56	T 25
F 26	4 25 27	4°41'09	11♈31	12°12	18°14	29°37	6°33	8°33	18°10	22°56	5°46	13°17	12° 8	11°33	29°55	F 26
S 27	4 29 24	5°41'03	25°39	13°46	19°15	0♈ 4	6°25	8°40	18°14	22°56	5°45	13°19	12° 5	11°40	29°55	S 27
S 28	4 33 20	6°40'59	9♉42	15°20	20°16	0°31	6°17	8°47	18°17	22°55	5°45	13°R19	12° 2	11°47	29°54	S 28
M29	4 37 17	7°40'57	23°34	16°53	21°17	0°58	6° 8	8°54	18°21	22°55	5°44	13°19	11°59	11°54	29°53	M29
T 30	4 41 13	8♐40'56	7♊14	18♐26	22♎19	1♈25	6♊ 0	9♏ 1	18♐25	22♓55	5♌44	13♉17	11♉56	12♍ 0	29♓53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s39	16n20	0n 9	9s47	1n46	0s12	1s51	6s21	3s 9	20n31	1s12	11s11	2n11	22s31	0n 4	3s18	0s41	16n11	2s32	15n42	15n44	12n32	3n55	4n 3
T 2	14 57	21 9	1 26	10 27	1 42	0 21	1 42	6 11	3 4	20 30	1 12	11 13	2 11	22 31	0 4	3 19	0 41	16 11	2 32	15 42	15 44	12 29	3 54	4 2
W 3	15 16	24 41	2 35	11 7	1 38	0 31	1 33	6 2	3 0	20 29	1 12	11 16	2 11	22 31	0 4	3 19	0 41	16 11	2 32	15 43	15 43	12 26	3 53	4 2
T 4	15 33	26 44	3 35	11 46	1 33	0 41	1 25	5 52	2 55	20 28	1 12	11 18	2 11	22 32	0 4	3 20	0 41	16 11	2 32	15 43	15 42	12 23	3 52	4 2
F 5	15 51	27 17	4 21	12 25	1 29	0 51	1 16	5 42	2 51	20 27	1 12	11 20	2 11	22 32	0 4	3 20	0 41	16 11	2 32	15 43	15 41	12 20	3 51	4 2
S 6	16 8	26 24	4 54	13 3	1 23	1 2	1 8	5 32	2 47	20 26	1 12	11 23	2 11	22 32	0 4	3 20	0 41	16 11	2 32	15 43	15 40	12 17	3 50	4 2
S 7	16 26	24 14	5 12	13 41	1 18	1 14	1 0	5 22	2 43	20 25	1 12	11 25	2 12	22 33	0 4	3 21	0 41	16 11	2 32	15 43	15 39	12 15	3 49	4 1
M 8	16 42	21 2	5 17	14 19	1 12	1 26	0 52	5 11	2 38	20 24	1 12	11 28	2 12	22 33	0 4	3 21	0 41	16 11	2 32	15 42	15 38	12 12	3 48	4 1
T 9	16 59	17 1	5 7	14 55	1 6	1 38	0 44	5 0	2 34	20 23	1 12	11 30	2 12	22 33	0 4	3 21	0 41	16 11	2 32	15 43	15 37	12 9	3 48	4 1
W10	17 15	12 21	4 45	15 31	1 0	1 51	0 36	4 49	2 30	20 22	1 12	11 32	2 12	22 34	0 4	3 21	0 41	16 11	2 32	15 43	15 36	12 6	3 47	4 1
T 11	17 31	7 15	4 10	16 6	0 53	2 5	0 29	4 38	2 26	20 21	1 12	11 35	2 12	22 34	0 4	3 22	0 41	16 11	2 32	15 43	15 35	12 3	3 46	4 0
F 12	17 47	1 50	3 24	16 40	0 47	2 18	0 22	4 27	2 22	20 20	1 12	11 37	2 12	22 34	0 4	3 22	0 41	16 11	2 32	15 43	15 34	12 0	3 45	4 0
S 13	18 2	3s43	2 29	17 13	0 40	2 33	0 14	4 16	2 18	20 19	1 12	11 39	2 12	22 35	0 4	3 22	0 41	16 11	2 32	15 43	15 33	11 57	3 44	4 0
S 14	18 18	9 14	1 26	17 45	0 33	2 47	0 7	4 4	2 14	20 17	1 12	11 41	2 12	22 35	0 4	3 22	0 41	16 11	2 32	15 43	15 32	11 54	3 43	3 59
M15	18 32	14 30	0 17	18 17	0 27	3 2	0 1	3 52	2 10	20 16	1 12	11 44	2 12	22 35	0 4	3 23	0 41	16 11	2 32	15 44	15 31	11 51	3 43	3 59
T 16	18 47	19 15	0s53	18 47	0 20	3 17	0n 6	3 40	2 7	20 15	1 12	11 46	2 12	22 36	0 4	3 23	0 41	16 11	2 32	15 44	15 30	11 48	3 42	3 59
W17	19 1	23 9	2 3	19 16	0 13	3 33	0 13	3 28	2 3	20 14	1 12	11 48	2 12	22 36	0 3	3 23	0 41	16 11	2 32	15 43	15 29	11 45	3 41	3 59
T 18	19 15	25 55	3 6	19 44	0 6	3 49	0 19	3 16	1 59	20 13	1 12	11 50	2 12	22 36	0 3	3 23	0 41	16 11	2 32	15 43	15 28	11 43	3 40	3 58
F 19	19 28	27 12	4 1	20 12	0s 1	4 5	0 25	3 3	1 56	20 11	1 12	11 53	2 12	22 37	0 3	3 24	0 41	16 11	2 32	15 42	15 27	11 40	3 40	3 58
S 20	19 42	26 51	4 42	20 38	0 8	4 22	0 31	2 51	1 52	20 10	1 12	11 55	2 12	22 37	0 3	3 24	0 41	16 11	2 32	15 42	15 26	11 37	3 39	3 58
S 21	19 54	24 50	5 8	21 3	0 15	4 39	0 37	2 38	1 48	20 9	1 12	11 57	2 12	22 37	0 3	3 24	0 41	16 11	2 32	15 41	15 25	11 34	3 38	3 58
M22	20 7	21 17	5 15	21 27	0 21	4 56	0 43	2 25	1 45	20 8	1 11	11 59	2 12	22 38	0 3	3 24	0 41	16 11	2 32	15 41	15 24	11 31	3 38	3 57
T 23	20 19	16 30	5 4	21 49	0 28	5 13	0 48	2 13	1 42	20 6	1 11	12 1	2 13	22 38	0 3	3 24	0 41	16 12	2 32	15 41	15 24	11 28	3 37	3 57
W24	20 31	10 48	4 34	22 11	0 35	5 31	0 54	2 0	1 38	20 5	1 11	12 3	2 13	22 38	0 3	3 24	0 41	16 12	2 32	15 41	15 23	11 25	3 36	3 57
T 25	20 42	4 32	3 47	22 32	0 41	5 48	0 59	1 46	1 35	20 4	1 11	12 6	2 13	22 39	0 3	3 24	0 41	16 12	2 32	15 41	15 22	11 22	3 36	3 56
F 26	20 53	1n58	2 46	22 51	0 48	6 6	1 4	1 33	1 32	20 3	1 11	12 8	2 13	22 39	0 3	3 24	0 41	16 12	2 32	15 41	15 21	11 19	3 35	3 56
S 27	21 4	8 21	1 36	23 9	0 54	6 25	1 9	1 20	1 28	20 1	1 11	12 10	2 13	22 39	0 3	3 24	0 41	16 12	2 32	15 42	15 20	11 16	3 35	3 56
S 28	21 14	14 16	0 20	23 26	1 1	6 43	1 13	1 6	1 25	20 0	1 11	12 12	2 13	22 40	0 3	3 25	0 41	16 12	2 32	15 42	15 19	11 13	3 34	3 56
M29	21 24	19 24	0n56	23 42	1 7	7 1	1 18	0 53	1 22	19 59	1 11	12 14	2 13	22 40	0 3	3 25	0 41	16 12	2 32	15 42	15 18	11 10	3 34	3 55
T 30	21s33	23n25	2n 8	23s56	1s13	7s20	1n22	0s39	1s19	19n57	1s11	12s16	2n13	22s40	0n 3	3s25	0s41	16n12	2s32	15n41	15n17	11n 7	3n33	3n55

Julian Day Number = 3058152.5, Delta T = 02h30m06s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'26, Lahiri = 47°08'26

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ASTRODIENST EPHEMERIS for the year 3660
geocentric

DECEMBER 3660 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 45 10	9♐40'57	20♊39	19♐58	23♎21	1♈53	5°R52	9♏ 7	18♐28	22°R55	5°R43	13°R14	11♉53	12♍ 7	29°R52	W 1
T 2	4 49 6	10°41'00	3♋47	21°30	24°23	2°21	5♊44	9°14	18°32	22♓55	5♌43	13♉10	11°49	12°14	29♓52	T 2
F 3	4 53 3	11°41'05	16°36	23° 1	25°26	2°50	5°36	9°21	18°36	22°D55	5°42	13° 6	11°46	12°20	29°51	F 3
S 4	4 56 59	12°41'12	29° 9	24°33	26°29	3°18	5°28	9°28	18°40	22°55	5°41	13° 1	11°43	12°27	29°51	S 4
S 5	5 0 56	13°41'20	11♌26	26° 3	27°33	3°48	5°20	9°34	18°43	22°55	5°41	12°56	11°40	12°34	29°51	S 5
M 6	5 4 53	14°41'31	23°31	27°34	28°36	4°17	5°12	9°41	18°47	22°55	5°40	12°53	11°37	12°40	29°51	M 6
T 7	5 8 49	15°41'43	5♍26	29° 4	29°41	4°47	5° 4	9°47	18°51	22°55	5°39	12°51	11°34	12°47	29°50	T 7
W 8	5 12 46	16°41'57	17°18	0♎34	0♏45	5°17	4°56	9°54	18°54	22°55	5°38	12°D50	11°30	12°54	29°50	W 8
T 9	5 16 42	17°42'13	29°10	2° 3	1°50	5°47	4°49	10° 0	18°58	22°56	5°38	12°51	11°27	13° 1	29°50	T 9
F 10	5 20 39	18°42'31	11♎ 8	3°32	2°55	6°17	4°41	10° 7	19° 2	22°56	5°37	12°52	11°24	13° 7	29°D50	F 10
S 11	5 24 35	19°42'51	23°16	5° 1	4° 0	6°48	4°33	10°13	19° 6	22°56	5°36	12°54	11°21	13°14	29°50	S 11
S 12	5 28 32	20°43'13	5♏39	6°29	5° 6	7°19	4°26	10°19	19° 9	22°56	5°35	12°55	11°18	13°21	29°50	S 12
M13	5 32 28	21°43'37	18°21	7°57	6°12	7°51	4°18	10°26	19°13	22°57	5°34	12°R55	11°14	13°27	29°51	M13
T 14	5 36 25	22°44'02	1♐24	9°24	7°18	8°22	4°11	10°32	19°17	22°57	5°34	12°54	11°11	13°34	29°51	T 14
W15	5 40 22	23°44'29	14°48	10°50	8°24	8°54	4° 4	10°38	19°21	22°57	5°33	12°50	11° 8	13°41	29°51	W15
T 16	5 44 18	24°44'57	28°33	12°16	9°31	9°26	3°56	10°44	19°24	22°58	5°32	12°45	11° 5	13°47	29°51	T 16
F 17	5 48 15	25°45'27	12♑35	13°41	10°38	9°59	3°49	10°50	19°28	22°58	5°31	12°38	11° 2	13°54	29°52	F 17
S 18	5 52 11	26°45'59	26°49	15° 6	11°45	10°31	3°43	10°56	19°32	22°59	5°30	12°30	10°59	14° 1	29°52	S 18
S 19	5 56 8	27°46'31	11♒11	16°30	12°52	11° 4	3°36	11° 2	19°36	22°59	5°29	12°23	10°55	14° 8	29°53	S 19
M20	6 0 4	28°47'05	25°34	17°52	13°59	11°37	3°29	11° 8	19°39	23° 0	5°28	12°18	10°52	14°14	29°53	M20
T 21	6 4 1	29°47'40	9♓54	19°14	15° 7	12°10	3°23	11°13	19°43	23° 1	5°27	12°14	10°49	14°21	29°54	T 21
W22	6 7 58	0♑48'15	24° 8	20°34	16°15	12°44	3°16	11°19	19°47	23° 1	5°26	12°12	10°46	14°28	29°55	W22
T 23	6 11 54	1°48'52	8♈13	21°53	17°23	13°17	3°10	11°25	19°50	23° 2	5°25	12°D12	10°43	14°34	29°55	T 23
F 24	6 15 51	2°49'30	22° 9	23°10	18°31	13°51	3° 4	11°30	19°54	23° 3	5°24	12°13	10°40	14°41	29°56	F 24
S 25	6 19 47	3°50'09	5♉54	24°25	19°40	14°25	2°58	11°36	19°58	23° 3	5°23	12°R14	10°36	14°48	29°57	S 25
S 26	6 23 44	4°50'48	19°30	25°38	20°48	14°59	2°52	11°41	20° 1	23° 4	5°22	12°14	10°33	14°54	29°58	S 26
M27	6 27 40	5°51'29	2♊56	26°48	21°57	15°33	2°46	11°47	20° 5	23° 5	5°21	12°12	10°30	15° 1	29°59	M27
T 28	6 31 37	6°52'11	16°11	27°56	23° 6	16° 8	2°41	11°52	20° 9	23° 6	5°20	12° 7	10°27	15° 8	0♈ 0	T 28
W29	6 35 33	7°52'54	29°15	29° 0	24°15	16°42	2°36	11°57	20°12	23° 7	5°19	12° 0	10°24	15°15	0° 1	W29
T 30	6 39 30	8°53'38	12♋ 6	0♒ 0	25°25	17°17	2°31	12° 3	20°16	23° 7	5°18	11°51	10°20	15°21	0° 2	T 30
F 31	6 43 27	9♑54'23	24♋45	0♒56	26♏34	17♈52	2♊26	12♏ 8	20♐19	23♓ 8	5♌17	11♉40	10♉17	15♍28	0♈ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s42	26n 4	3n11	24 s10	1 s19	7 s39	1n27	0 s25	1 s16	19n56	1 s11	12 s18	2n13	22 s41	0n 3	3 s25	0 s41	16n13	2 s32	15n40	15n16	11n 4	3n33	3n55
T 2	21 51	27 12	4 2	24 22	1 25	7 58	1 31	0 11	1 13	19 55	1 11	12 20	2 14	22 41	0 3	3 25	0 41	16 13	2 32	15 39	15 15	11 1	3 32	3 54
F 3	21 59	26 50	4 40	24 33	1 30	8 17	1 35	0n 3	1 10	19 54	1 10	12 22	2 14	22 41	0 3	3 25	0 41	16 13	2 32	15 38	15 14	10 58	3 32	3 54
S 4	22 7	25 5	5 3	24 43	1 36	8 36	1 39	0 17	1 7	19 52	1 10	12 24	2 14	22 42	0 3	3 25	0 41	16 13	2 32	15 36	15 13	10 55	3 31	3 54
S 5	22 14	22 12	5 12	24 51	1 41	8 55	1 42	0 31	1 4	19 51	1 10	12 26	2 14	22 42	0 3	3 25	0 41	16 13	2 32	15 35	15 12	10 52	3 31	3 54
M 6	22 21	18 24	5 7	24 58	1 46	9 14	1 46	0 45	1 1	19 50	1 10	12 28	2 14	22 42	0 3	3 25	0 41	16 13	2 32	15 34	15 11	10 49	3 31	3 53
T 7	22 28	13 55	4 48	25 4	1 51	9 33	1 49	0 59	0 59	19 49	1 10	12 30	2 14	22 43	0 3	3 24	0 41	16 14	2 32	15 33	15 10	10 46	3 30	3 53
W 8	22 34	8 56	4 18	25 9	1 56	9 53	1 52	1 13	0 56	19 47	1 10	12 32	2 14	22 43	0 3	3 24	0 41	16 14	2 32	15 33	15 9	10 43	3 30	3 53
T 9	22 40	3 38	3 36	25 13	2 0	10 12	1 55	1 28	0 53	19 46	1 10	12 33	2 14	22 43	0 3	3 24	0 41	16 14	2 32	15 33	15 8	10 40	3 30	3 52
F 10	22 45	1 s50	2 45	25 15	2 4	10 31	1 58	1 42	0 51	19 45	1 9	12 35	2 15	22 43	0 3	3 24	0 41	16 14	2 32	15 34	15 7	10 37	3 29	3 52
S 11	22 50	7 20	1 45	25 16	2 8	10 50	2 1	1 56	0 48	19 44	1 9	12 37	2 15	22 44	0 3	3 24	0 41	16 14	2 32	15 34	15 6	10 34	3 29	3 52
S 12	22 54	12 40	0 39	25 16	2 12	11 10	2 4	2 11	0 46	19 42	1 9	12 39	2 15	22 44	0 3	3 24	0 41	16 15	2 32	15 35	15 5	10 31	3 29	3 52
M13	22 58	17 37	0 s29	25 14	2 15	11 29	2 6	2 26	0 43	19 41	1 9	12 41	2 15	22 44	0 3	3 24	0 41	16 15	2 32	15 35	15 4	10 28	3 29	3 51
T 14	23 2	21 52	1 39	25 11	2 18	11 48	2 9	2 40	0 41	19 40	1 9	12 42	2 15	22 45	0 3	3 24	0 40	16 15	2 32	15 34	15 3	10 25	3 29	3 51
W15	23 5	25 5	2 44	25 7	2 20	12 7	2 11	2 55	0 38	19 39	1 9	12 44	2 15	22 45	0 3	3 24	0 40	16 15	2 32	15 33	15 2	10 22	3 28	3 51
T 16	23 7	26 55	3 42	25 2	2 23	12 26	2 13	3 10	0 36	19 38	1 8	12 46	2 15	22 45	0 3	3 23	0 40	16 15	2 32	15 32	15 1	10 19	3 28	3 50
F 17	23 10	27 4	4 27	24 56	2 25	12 45	2 15	3 24	0 33	19 37	1 8	12 48	2 16	22 46	0 3	3 23	0 40	16 16	2 32	15 30	15 0	10 16	3 28	3 50
S 18	23 11	25 27	4 57	24 48	2 26	13 3	2 17	3 39	0 31	19 36	1 8	12 49	2 16	22 46	0 3	3 23	0 40	16 16	2 32	15 27	14 59	10 13	3 28	3 50
S 19	23 13	22 12	5 8	24 39	2 27	13 22	2 18	3 54	0 29	19 35	1 8	12 51	2 16	22 46	0 3	3 23	0 40	16 16	2 32	15 25	14 58	10 10	3 28	3 50
M20	23 13	17 35	5 0	24 29	2 28	13 40	2 20	4 9	0 27	19 34	1 8	12 53	2 16	22 47	0 3	3 22	0 40	16 16	2 32	15 23	14 57	10 7	3 28	3 49
T 21	23 14	12 0	4 33	24 18	2 28	13 59	2 21	4 24	0 24	19 33	1 7	12 54	2 16	22 47	0 3	3 22	0 40	16 17	2 32	15 22	14 56	10 4	3 28	3 49
W22	23 14	5 50	3 50	24 6	2 27	14 17	2 22	4 38	0 22	19 32	1 7	12 56	2 16	22 47	0 3	3 22	0 40	16 17	2 32	15 22	14 55	10 1	3 28	3 49
T 23	23 13	0n35	2 53	23 52	2 26	14 34	2 23	4 53	0 20	19 31	1 7	12 57	2 17	22 47	0 3	3 22	0 40	16 17	2 32	15 22	14 54	9 58	3 28	3 48
F 24	23 12	6 54	1 46	23 38	2 24	14 52	2 24	5 8	0 18	19 30	1 7	12 59	2 17	22 48	0 3	3 21	0 40	16 17	2 32	15 22	14 53	9 55	3 28	3 48
S 25	23 10	12 50	0 34	23 22	2 22	15 10	2 25	5 23	0 16	19 29	1 6	13 0	2 17	22 48	0 3	3 21	0 40	16 18	2 32	15 22	14 52	9 52	3 28	3 48
S 26	23 8	18 5	0n39	23 6	2 19	15 27	2 26	5 38	0 14	19 28	1 6	13 2	2 17	22 48	0 3	3 21	0 40	16 18	2 32	15 22	14 51	9 49	3 28	3 48
M27	23 6	22 20	1 49	22 49	2 15	15 44	2 27	5 53	0 12	19 27	1 6	13 3	2 17	22 49	0 3	3 20	0 40	16 18	2 32	15 22	14 50	9 46	3 28	3 47
T 28	23 3	25 22	2 51	22 31	2 11	16 0	2 27	6 8	0 10	19 26	1 6	13 5	2 18	22 49	0 3	3 20	0 40	16 19	2 32	15 20	14 49	9 43	3 29	3 47
W29	23 0	26 58	3 44	22 13	2 5	16 17	2 28	6 23	0 8	19 25	1 5	13 6	2 18	22 49	0 3	3 20	0 40	16 19	2 32	15 18	14 48	9 40	3 29	3 47
T 30	22 56	27 4	4 24	21 54	1 59	16 33	2 28	6 38	0 6	19 25	1 5	13 7	2 18	22 49	0 3	3 19	0 40	16 19	2 32	15 15	14 47	9 37	3 29	3 46
F 31	22 s52	25n45	4n51	21 s35	1 s51	16 s49	2n28	6n53	0 s 4	19n24	1 s 5	13 s 9	2n18	22 s50	0n 3	3 s19	0 s40	16n19	2 s32	15n12	14n46	9n34	3n29	3n46

Julian Day Number = 3058182.5, Delta T = 02h30m07s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'30, Lahiri = 47°08'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3661
geocentric

JANUARY 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 47 23	10♑55'09	7♌10	1♒47	27♏44	18♈27	2°R21	12♏13	20♐23	23♓ 9	5°R16	11°R28	10♉14	15♍35	0♈ 5	S 1
S 2	6 51 20	11°55'57	19°23	2°32	28°54	19° 2	2♊16	12°18	20°27	23°10	5♌15	11♉17	10°11	15°41	0° 6	S 2
M 3	6 55 16	12°56'45	1♍26	3°11	0♐ 3	19°38	2°12	12°22	20°30	23°11	5°14	11° 8	10° 8	15°48	0° 7	M 3
T 4	6 59 13	13°57'35	13°20	3°42	1°14	20°13	2° 7	12°27	20°34	23°12	5°12	11° 1	10° 5	15°55	0° 9	T 4
W 5	7 3 9	14°58'25	25°10	4° 6	2°24	20°49	2° 3	12°32	20°37	23°13	5°11	10°56	10° 1	16° 1	0°10	W 5
T 6	7 7 6	15°59'17	7♎ 0	4°20	3°34	21°25	2° 0	12°37	20°41	23°15	5°10	10°54	9°58	16° 8	0°12	T 6
F 7	7 11 2	17° 0'10	18°55	4°R24	4°45	22° 1	1°56	12°41	20°44	23°16	5° 9	10°D54	9°55	16°15	0°13	F 7
S 8	7 14 59	18° 1'04	1♏ 1	4°18	5°55	22°37	1°52	12°46	20°47	23°17	5° 8	10°54	9°52	16°22	0°15	S 8
S 9	7 18 56	19° 2'00	13°22	4° 0	7° 6	23°13	1°49	12°50	20°51	23°18	5° 7	10°R54	9°49	16°28	0°17	S 9
M10	7 22 52	20° 2'56	26° 5	3°31	8°17	23°49	1°46	12°54	20°54	23°19	5° 5	10°53	9°46	16°35	0°18	M10
T 11	7 26 49	21° 3'54	9♐12	2°50	9°28	24°25	1°43	12°59	20°58	23°21	5° 4	10°50	9°42	16°42	0°20	T 11
W12	7 30 45	22° 4'52	22°47	1°59	10°39	25° 2	1°40	13° 3	21° 1	23°22	5° 3	10°44	9°39	16°48	0°22	W12
T 13	7 34 42	23° 5'51	6♑47	0°57	11°50	25°38	1°38	13° 7	21° 4	23°23	5° 2	10°35	9°36	16°55	0°24	T 13
F 14	7 38 38	24° 6'51	21°12	29♑46	13° 1	26°15	1°36	13°11	21° 8	23°25	5° 1	10°25	9°33	17° 2	0°26	F 14
S 15	7 42 35	25° 7'52	5♒53	28°29	14°13	26°52	1°33	13°15	21°11	23°26	4°59	10°13	9°30	17° 8	0°28	S 15
S 16	7 46 32	26° 8'53	20°43	27° 7	15°24	27°29	1°32	13°18	21°14	23°27	4°58	10° 1	9°26	17°15	0°30	S 16
M17	7 50 28	27° 9'54	5♓34	25°45	16°36	28° 6	1°30	13°22	21°17	23°29	4°57	9°52	9°23	17°22	0°32	M17
T 18	7 54 25	28°10'56	20°16	24°23	17°47	28°43	1°28	13°26	21°21	23°30	4°56	9°45	9°20	17°28	0°34	T 18
W19	7 58 21	29°11'58	4♈45	23° 6	18°59	29°20	1°27	13°29	21°24	23°32	4°55	9°40	9°17	17°35	0°36	W19
T 20	8 2 18	0♒13'00	18°57	21°55	20°11	29°57	1°26	13°33	21°27	23°33	4°53	9°38	9°14	17°42	0°38	T 20
F 21	8 6 14	1°14'02	2♉51	20°51	21°23	0♉35	1°25	13°36	21°30	23°35	4°52	9°38	9°11	17°49	0°41	F 21
S 22	8 10 11	2°15'04	16°26	19°58	22°35	1°12	1°25	13°39	21°33	23°36	4°51	9°38	9° 7	17°55	0°43	S 22
S 23	8 14 7	3°16'06	29°46	19°14	23°47	1°50	1°24	13°42	21°36	23°38	4°50	9°37	9° 4	18° 2	0°45	S 23
M24	8 18 4	4°17'08	12♊52	18°41	24°59	2°27	1°D24	13°45	21°39	23°40	4°48	9°33	9° 1	18° 9	0°48	M24
T 25	8 22 1	5°18'11	25°46	18°19	26°11	3° 5	1°24	13°48	21°42	23°41	4°47	9°27	8°58	18°15	0°50	T 25
W26	8 25 57	6°19'13	8♋29	18° 7	27°23	3°42	1°24	13°51	21°45	23°43	4°46	9°18	8°55	18°22	0°52	W26
T 27	8 29 54	7°20'16	21° 2	18°D 4	28°36	4°20	1°25	13°54	21°48	23°45	4°45	9° 5	8°52	18°29	0°55	T 27
F 28	8 33 50	8°21'18	3♌25	18°10	29°48	4°58	1°25	13°57	21°51	23°46	4°43	8°51	8°48	18°35	0°58	F 28
S 29	8 37 47	9°22'21	15°39	18°25	1♑ 1	5°36	1°26	13°59	21°54	23°48	4°42	8°36	8°45	18°42	1° 0	S 29
S 30	8 41 43	10°23'23	27°44	18°48	2°13	6°14	1°27	14° 2	21°56	23°50	4°41	8°22	8°42	18°49	1° 3	S 30
M31	8 45 40	11♒24'26	9♍42	19♑17	3♑26	6♉52	1♊28	14♏ 4	21♐59	23♓52	4♌40	8♉ 9	8♉39	18♍55	1♈ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s47	23n12	5n 3	21s16	1s43	17s 4	2n28	7n 8	0s 3	19n23	1s 5	13s10	2n18	22s50	0n 3	3s19	0s40	16n20	2s32	15n 8	14n45	9n31	3n29	3n46
S 2	22 42	19 38	5 1	20 56	1 33	17 20	2 28	7 23	0 1	19 23	1 4	13 11	2 19	22 50	0 3	3 18	0 40	16 20	2 32	15 5	14 45	9 28	3 30	3 46
M 3	22 36	15 19	4 45	20 37	1 23	17 35	2 28	7 38	0n 1	19 22	1 4	13 13	2 19	22 50	0 3	3 18	0 40	16 20	2 32	15 2	14 44	9 25	3 30	3 45
T 4	22 30	10 27	4 17	20 18	1 11	17 49	2 27	7 53	0 3	19 21	1 4	13 14	2 19	22 51	0 3	3 17	0 40	16 21	2 32	15 0	14 43	9 22	3 30	3 45
W 5	22 24	5 15	3 38	20 0	0 58	18 3	2 27	8 7	0 4	19 21	1 4	13 15	2 19	22 51	0 3	3 17	0 40	16 21	2 32	14 59	14 42	9 19	3 30	3 45
T 6	22 17	0s 8	2 50	19 42	0 43	18 17	2 26	8 22	0 6	19 20	1 3	13 16	2 19	22 51	0 3	3 17	0 40	16 21	2 32	14 58	14 41	9 15	3 31	3 44
F 7	22 9	5 35	1 54	19 26	0 28	18 30	2 26	8 37	0 8	19 20	1 3	13 17	2 20	22 51	0 3	3 16	0 40	16 21	2 32	14 58	14 40	9 12	3 31	3 44
S 8	22 2	10 54	0 52	19 11	0 11	18 43	2 25	8 52	0 9	19 19	1 3	13 18	2 20	22 52	0 3	3 16	0 40	16 22	2 32	14 58	14 39	9 9	3 32	3 44
S 9	21 53	15 55	0s13	18 58	0n 7	18 56	2 24	9 7	0 11	19 19	1 3	13 20	2 20	22 52	0 3	3 15	0 40	16 22	2 32	14 58	14 38	9 6	3 32	3 44
M10	21 45	20 24	1 20	18 47	0 26	19 8	2 23	9 21	0 12	19 19	1 2	13 21	2 20	22 52	0 3	3 15	0 40	16 22	2 31	14 58	14 37	9 3	3 32	3 43
T 11	21 36	24 1	2 24	18 37	0 45	19 20	2 22	9 36	0 14	19 18	1 2	13 22	2 20	22 52	0 3	3 14	0 40	16 23	2 31	14 57	14 36	9 0	3 33	3 43
W12	21 26	26 24	3 23	18 29	1 5	19 31	2 21	9 51	0 15	19 18	1 2	13 23	2 21	22 53	0 3	3 14	0 40	16 23	2 31	14 55	14 35	8 57	3 33	3 43
T 13	21 16	27 14	4 11	18 24	1 24	19 42	2 20	10 5	0 17	19 18	1 2	13 24	2 21	22 53	0 3	3 13	0 40	16 23	2 31	14 52	14 34	8 54	3 34	3 43
F 14	21 6	26 15	4 44	18 20	1 43	19 52	2 19	10 20	0 18	19 18	1 1	13 25	2 21	22 53	0 3	3 13	0 40	16 24	2 31	14 49	14 33	8 51	3 34	3 42
S 15	20 55	23 29	5 0	18 18	2 1	20 2	2 17	10 34	0 20	19 18	1 1	13 26	2 21	22 53	0 3	3 12	0 40	16 24	2 31	14 45	14 32	8 48	3 35	3 42
S 16	20 44	19 8	4 56	18 18	2 18	20 11	2 16	10 49	0 21	19 17	1 1	13 26	2 22	22 54	0 3	3 11	0 40	16 24	2 31	14 42	14 31	8 45	3 35	3 42
M17	20 32	13 36	4 32	18 19	2 32	20 20	2 14	11 3	0 23	19 17	1 1	13 27	2 22	22 54	0 3	3 11	0 40	16 25	2 31	14 39	14 30	8 42	3 36	3 42
T 18	20 21	7 20	3 49	18 21	2 45	20 28	2 12	11 18	0 24	19 17	1 0	13 28	2 22	22 54	0 3	3 10	0 40	16 25	2 31	14 36	14 29	8 38	3 37	3 41
W19	20 8	0 47	2 53	18 24	2 55	20 36	2 11	11 32	0 25	19 17	1 0	13 29	2 22	22 54	0 3	3 10	0 40	16 25	2 31	14 35	14 28	8 35	3 37	3 41
T 20	19 56	5n42	1 47	18 28	3 2	20 44	2 9	11 46	0 26	19 17	1 0	13 30	2 23	22 54	0 3	3 9	0 40	16 26	2 31	14 34	14 27	8 32	3 38	3 41
F 21	19 42	11 47	0 36	18 33	3 7	20 50	2 7	12 0	0 28	19 18	0 59	13 30	2 23	22 55	0 3	3 8	0 40	16 26	2 31	14 34	14 26	8 29	3 39	3 41
S 22	19 29	17 11	0n36	18 38	3 9	20 56	2 5	12 15	0 29	19 18	0 59	13 31	2 23	22 55	0 3	3 8	0 40	16 26	2 31	14 34	14 25	8 26	3 39	3 40
S 23	19 15	21 37	1 44	18 44	3 9	21 2	2 3	12 29	0 30	19 18	0 59	13 32	2 23	22 55	0 3	3 7	0 40	16 27	2 31	14 34	14 24	8 23	3 40	3 40
M24	19 1	24 53	2 46	18 50	3 8	21 7	2 1	12 43	0 31	19 18	0 59	13 32	2 24	22 55	0 3	3 7	0 40	16 27	2 31	14 33	14 23	8 20	3 41	3 40
T 25	18 47	26 47	3 38	18 57	3 4	21 12	1 59	12 57	0 33	19 18	0 58	13 33	2 24	22 55	0 3	3 6	0 40	16 27	2 31	14 31	14 22	8 17	3 41	3 40
W26	18 32	27 15	4 18	19 3	2 59	21 16	1 56	13 10	0 34	19 19	0 58	13 34	2 24	22 56	0 3	3 5	0 40	16 28	2 31	14 28	14 21	8 14	3 42	3 39
T 27	18 16	26 17	4 45	19 9	2 53	21 19	1 54	13 24	0 35	19 19	0 58	13 34	2 24	22 56	0 3	3 5	0 40	16 28	2 31	14 24	14 20	8 10	3 43	3 39
F 28	18 1	24 3	4 58	19 16	2 46	21 22	1 52	13 38	0 36	19 20	0 57	13 35	2 25	22 56	0 3	3 4	0 40	16 29	2 31	14 19	14 19	8 7	3 44	3 39
S 29	17 45	20 44	4 57	19 21	2 38	21 24	1 49	13 51	0 37	19 20	0 57	13 35	2 25	22 56	0 3	3 3	0 40	16 29	2 31	14 15	14 18	8 4	3 45	3 39
S 30	17 29	16 34	4 43	19 27	2 30	21 26	1 47	14 5	0 38	19 20	0 57	13 36	2 25	22 56	0 3	3 3	0 40	16 29	2 30	14 10	14 17	8 1	3 45	3 38
M31	17s12	11n49	4n16	19s32	2n21	21s27	1n44	14n18	0n39	19n21	0s57	13s36	2n25	22s56	0n 3	3s 2	0s40	16n30	2s30	14n 6	14n16	7n58	3n46	3n38

Julian Day Number = 3058213.5, Delta T = 02h30m08s
Ecliptic obliquity = 23°13'39, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'34, Lahiri = 47°08'35

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

FEBRUARY 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 49 36	12♒25'29	21♍34	19♑52	4♑38	7♉30	1♊30	14♏ 6	22♐ 2	23♓53	4°R38	7°R59	8♉36	19♍ 2	1♈ 8	T 1
W 2	8 53 33	13°26'32	3♎22	20°33	5°51	8° 8	1°32	14° 8	22° 5	23°55	4♌37	7♉52	8°32	19° 9	1°11	W 2
T 3	8 57 30	14°27'35	15°11	21°19	7° 4	8°46	1°33	14°10	22° 7	23°57	4°36	7°48	8°29	19°16	1°14	T 3
F 4	9 1 26	15°28'38	27° 4	22°10	8°17	9°24	1°36	14°12	22°10	23°59	4°35	7°46	8°26	19°22	1°17	F 4
S 5	9 5 23	16°29'42	9♏ 6	23° 4	9°30	10° 3	1°38	14°14	22°12	24° 1	4°34	7°D46	8°23	19°29	1°19	S 5
S 6	9 9 19	17°30'45	21°24	24° 2	10°43	10°41	1°40	14°16	22°15	24° 3	4°32	7°R46	8°20	19°36	1°22	S 6
M 7	9 13 16	18°31'49	4♐ 2	25° 3	11°56	11°19	1°43	14°17	22°17	24° 5	4°31	7°45	8°17	19°42	1°25	M 7
T 8	9 17 12	19°32'52	17° 5	26° 7	13° 9	11°58	1°46	14°19	22°20	24° 7	4°30	7°42	8°13	19°49	1°28	T 8
W 9	9 21 9	20°33'56	0♑37	27°14	14°22	12°36	1°49	14°20	22°22	24° 8	4°29	7°37	8°10	19°56	1°31	W 9
T 10	9 25 5	21°35'00	14°39	28°23	15°35	13°15	1°52	14°22	22°25	24°10	4°28	7°29	8° 7	20° 2	1°34	T 10
F 11	9 29 2	22°36'03	29°10	29°34	16°48	13°53	1°56	14°23	22°27	24°12	4°26	7°19	8° 4	20° 9	1°37	F 11
S 12	9 32 59	23°37'06	14♒ 3	0♒47	18° 2	14°32	1°59	14°24	22°29	24°14	4°25	7° 7	8° 1	20°16	1°41	S 12
S 13	9 36 55	24°38'09	29°12	2° 1	19°15	15°10	2° 3	14°25	22°31	24°17	4°24	6°56	7°58	20°22	1°44	S 13
M14	9 40 52	25°39'11	14♓24	3°18	20°28	15°49	2° 7	14°26	22°34	24°19	4°23	6°46	7°54	20°29	1°47	M14
T 15	9 44 48	26°40'13	29°30	4°35	21°42	16°28	2°11	14°27	22°36	24°21	4°22	6°39	7°51	20°36	1°50	T 15
W16	9 48 45	27°41'14	14♈20	5°54	22°55	17° 7	2°16	14°27	22°38	24°23	4°21	6°35	7°48	20°42	1°53	W16
T 17	9 52 41	28°42'14	28°49	7°15	24° 9	17°45	2°20	14°28	22°40	24°25	4°20	6°33	7°45	20°49	1°57	T 17
F 18	9 56 38	29°43'13	12♉54	8°36	25°22	18°24	2°25	14°28	22°42	24°27	4°18	6°D33	7°42	20°56	2° 0	F 18
S 19	10 0 34	0♓44'11	26°34	9°58	26°36	19° 3	2°30	14°28	22°44	24°29	4°17	6°R33	7°38	21° 3	2° 3	S 19
S 20	10 4 31	1°45'09	9♊52	11°22	27°49	19°42	2°35	14°29	22°46	24°31	4°16	6°33	7°35	21° 9	2° 7	S 20
M21	10 8 28	2°46'05	22°50	12°46	29° 3	20°21	2°41	14°29	22°48	24°33	4°15	6°31	7°32	21°16	2°10	M21
T 22	10 12 24	3°47'00	5♋32	14°12	0♒16	21° 0	2°46	14°R29	22°49	24°35	4°14	6°27	7°29	21°23	2°13	T 22
W23	10 16 21	4°47'55	18° 1	15°38	1°30	21°38	2°52	14°29	22°51	24°38	4°13	6°19	7°26	21°29	2°17	W23
T 24	10 20 17	5°48'48	0♌19	17° 5	2°44	22°17	2°58	14°28	22°53	24°40	4°12	6°10	7°23	21°36	2°20	T 24
F 25	10 24 14	6°49'41	12°29	18°33	3°57	22°56	3° 4	14°28	22°54	24°42	4°11	5°59	7°19	21°43	2°24	F 25
S 26	10 28 10	7°50'32	24°32	20° 2	5°11	23°35	3°10	14°28	22°56	24°44	4°10	5°47	7°16	21°49	2°27	S 26
S 27	10 32 7	8°51'22	6♍29	21°31	6°25	24°14	3°16	14°27	22°58	24°46	4° 9	5°35	7°13	21°56	2°31	S 27
M28	10 36 3	9♓52'11	18♍21	23♒ 1	7♒39	24♉53	3♊23	14♏27	22♐59	24♓49	4♌ 8	5♉25	7♉10	22♍ 3	2♈34	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s55	6n40	3n38	19s36	2n12	21s27	1n42	14n32	0n40	19n22	0s56	13s37	2n26	22s57	0n 3	3s 1	0s40	16n30	2s30	14n 3	14n15	7n55	3n47	3n38
W 2	16 38	1 18	2 51	19 40	2 2	21 27	1 39	14 45	0 41	19 22	0 56	13 37	2 26	22 57	0 3	3 0	0 40	16 30	2 30	14 1	14 14	7 52	3 48	3 38
T 3	16 21	4s 8	1 56	19 42	1 52	21 26	1 36	14 58	0 42	19 23	0 56	13 37	2 26	22 57	0 3	3 0	0 40	16 31	2 30	13 59	14 12	7 48	3 49	3 38
F 4	16 3	9 28	0 56	19 44	1 42	21 25	1 34	15 11	0 43	19 23	0 56	13 38	2 26	22 57	0 3	2 59	0 40	16 31	2 30	13 59	14 11	7 45	3 50	3 37
S 5	15 45	14 31	0s 7	19 45	1 32	21 23	1 31	15 24	0 44	19 24	0 55	13 38	2 27	22 57	0 3	2 58	0 40	16 31	2 30	13 59	14 10	7 42	3 51	3 37
S 6	15 27	19 6	1 12	19 45	1 23	21 20	1 28	15 37	0 45	19 25	0 55	13 38	2 27	22 57	0 3	2 57	0 40	16 32	2 30	13 59	14 9	7 39	3 52	3 37
M 7	15 8	22 58	2 14	19 44	1 13	21 17	1 25	15 50	0 46	19 26	0 55	13 38	2 27	22 58	0 3	2 57	0 40	16 32	2 30	13 58	14 8	7 36	3 53	3 37
T 8	14 50	25 48	3 12	19 42	1 3	21 13	1 22	16 2	0 47	19 27	0 54	13 39	2 27	22 58	0 3	2 56	0 40	16 32	2 30	13 57	14 7	7 33	3 54	3 36
W 9	14 30	27 15	4 1	19 39	0 53	21 9	1 19	16 15	0 48	19 27	0 54	13 39	2 28	22 58	0 3	2 55	0 40	16 33	2 30	13 56	14 6	7 30	3 55	3 36
T 10	14 11	27 2	4 38	19 35	0 44	21 4	1 16	16 27	0 49	19 28	0 54	13 39	2 28	22 58	0 3	2 54	0 40	16 33	2 30	13 53	14 5	7 26	3 56	3 36
F 11	13 52	25 0	4 58	19 30	0 34	20 58	1 13	16 39	0 50	19 29	0 54	13 39	2 28	22 58	0 3	2 54	0 40	16 33	2 30	13 50	14 4	7 23	3 57	3 36
S 12	13 32	21 14	4 59	19 24	0 25	20 52	1 10	16 52	0 50	19 30	0 53	13 39	2 29	22 58	0 3	2 53	0 40	16 34	2 30	13 46	14 3	7 20	3 58	3 36
S 13	13 12	16 1	4 39	19 16	0 16	20 45	1 7	17 4	0 51	19 31	0 53	13 39	2 29	22 58	0 3	2 52	0 40	16 34	2 29	13 43	14 2	7 17	3 59	3 36
M14	12 51	9 46	3 59	19 8	0 7	20 37	1 4	17 16	0 52	19 32	0 53	13 39	2 29	22 59	0 3	2 51	0 40	16 34	2 29	13 39	14 1	7 14	4 0	3 35
T 15	12 31	3 0	3 3	18 58	0s 1	20 29	1 1	17 27	0 53	19 33	0 53	13 39	2 29	22 59	0 3	2 50	0 40	16 35	2 29	13 37	14 0	7 11	4 1	3 35
W16	12 10	3n50	1 55	18 47	0 10	20 21	0 58	17 39	0 54	19 34	0 52	13 39	2 30	22 59	0 3	2 50	0 40	16 35	2 29	13 36	13 59	7 7	4 2	3 35
T 17	11 49	10 19	0 41	18 35	0 18	20 11	0 55	17 51	0 54	19 36	0 52	13 39	2 30	22 59	0 3	2 49	0 40	16 36	2 29	13 35	13 58	7 4	4 3	3 35
F 18	11 28	16 6	0n34	18 22	0 26	20 1	0 52	18 2	0 55	19 37	0 52	13 39	2 30	22 59	0 3	2 48	0 40	16 36	2 29	13 35	13 57	7 1	4 4	3 35
S 19	11 7	20 55	1 44	18 8	0 33	19 51	0 49	18 14	0 56	19 38	0 52	13 39	2 30	22 59	0 3	2 47	0 40	16 36	2 29	13 35	13 56	6 58	4 6	3 34
S 20	10 45	24 30	2 48	17 52	0 41	19 40	0 46	18 25	0 57	19 39	0 51	13 38	2 31	22 59	0 3	2 46	0 40	16 37	2 29	13 35	13 55	6 55	4 7	3 34
M21	10 24	26 42	3 40	17 36	0 48	19 28	0 43	18 36	0 57	19 41	0 51	13 38	2 31	22 59	0 3	2 45	0 40	16 37	2 29	13 34	13 54	6 52	4 8	3 34
T 22	10 2	27 28	4 21	17 18	0 55	19 16	0 39	18 47	0 58	19 42	0 51	13 38	2 31	22 59	0 3	2 45	0 40	16 37	2 29	13 33	13 53	6 48	4 9	3 34
W23	9 40	26 47	4 48	16 59	1 2	19 4	0 36	18 58	0 59	19 43	0 51	13 38	2 31	23 0	0 3	2 44	0 40	16 38	2 29	13 31	13 52	6 45	4 10	3 34
T 24	9 18	24 49	5 2	16 40	1 8	18 50	0 33	19 8	0 59	19 45	0 50	13 37	2 32	23 0	0 3	2 43	0 40	16 38	2 29	13 27	13 51	6 42	4 12	3 34
F 25	8 56	21 44	5 2	16 19	1 14	18 37	0 30	19 19	1 0	19 46	0 50	13 37	2 32	23 0	0 3	2 42	0 40	16 38	2 28	13 24	13 50	6 39	4 13	3 33
S 26	8 33	17 45	4 48	15 57	1 20	18 22	0 27	19 29	1 1	19 47	0 50	13 37	2 32	23 0	0 3	2 41	0 40	16 38	2 28	13 20	13 49	6 36	4 14	3 33
S 27	8 11	13 6	4 21	15 33	1 25	18 7	0 24	19 39	1 1	19 49	0 50	13 36	2 32	23 0	0 3	2 40	0 40	16 39	2 28	13 16	13 48	6 32	4 15	3 33
M28	7s48	8n 0	3n44	15s 9	1s31	17s52	0n21	19n49	1n 2	19n50	0s49	13s36	2n33	23s 0	0n 3	2s39	0s40	16n39	2s28	13n13	13n47	6n29	4n16	3n33

Julian Day Number = 3058244.5, Delta T = 02h30m09s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'38, Lahiri = 47°08'39

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

MARCH 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 40 0	10♓53'00	0♎11	24♒32	8♒52	25♉32	3♊30	14°R26	23♐ 1	24♓51	4°R 7	5°R17	7♉ 7	22♍ 9	2♈38	T 1
W 2	10 43 57	11°53'47	12° 0	26° 4	10° 6	26°11	3°37	14♏25	23° 2	24°53	4♌ 6	5♉12	7° 4	22°16	2°41	W 2
T 3	10 47 53	12°54'34	23°50	27°37	11°20	26°50	3°44	14°24	23° 3	24°55	4° 5	5° 9	7° 0	22°23	2°45	T 3
F 4	10 51 50	13°55'20	5♏46	29°10	12°34	27°29	3°51	14°23	23° 5	24°57	4° 4	5°D 8	6°57	22°29	2°48	F 4
S 5	10 55 46	14°56'05	17°50	0♓44	13°48	28° 8	3°58	14°22	23° 6	25° 0	4° 3	5° 9	6°54	22°36	2°52	S 5
S 6	10 59 43	15°56'49	0♐ 6	2°19	15° 2	28°48	4° 6	14°20	23° 7	25° 2	4° 2	5°10	6°51	22°43	2°55	S 6
M 7	11 3 39	16°57'32	12°41	3°55	16°16	29°27	4°13	14°19	23° 8	25° 4	4° 2	5°R11	6°48	22°49	2°59	M 7
T 8	11 7 36	17°58'14	25°38	5°32	17°30	0♊ 6	4°21	14°18	23° 9	25° 7	4° 1	5°11	6°44	22°56	3° 3	T 8
W 9	11 11 32	18°58'56	9♑ 2	7° 9	18°44	0°45	4°29	14°16	23°10	25° 9	4° 0	5° 9	6°41	23° 3	3° 6	W 9
T 10	11 15 29	19°59'36	22°55	8°47	19°58	1°24	4°37	14°14	23°11	25°11	3°59	5° 5	6°38	23°10	3°10	T 10
F 11	11 19 26	21° 0'16	7♒16	10°26	21°12	2° 3	4°45	14°13	23°12	25°13	3°58	4°59	6°35	23°16	3°14	F 11
S 12	11 23 22	22° 0'54	22° 4	12° 6	22°26	2°42	4°54	14°11	23°13	25°16	3°58	4°53	6°32	23°23	3°17	S 12
S 13	11 27 19	23° 1'32	7♓10	13°47	23°40	3°21	5° 2	14° 9	23°14	25°18	3°57	4°46	6°29	23°30	3°21	S 13
M14	11 31 15	24° 2'08	22°27	15°28	24°54	4° 1	5°11	14° 7	23°15	25°20	3°56	4°40	6°25	23°36	3°25	M14
T 15	11 35 12	25° 2'42	7♈43	17°11	26° 8	4°40	5°20	14° 4	23°15	25°22	3°55	4°36	6°22	23°43	3°29	T 15
W16	11 39 8	26° 3'15	22°48	18°54	27°22	5°19	5°29	14° 2	23°16	25°25	3°55	4°33	6°19	23°50	3°32	W16
T 17	11 43 5	27° 3'47	7♉33	20°39	28°36	5°58	5°38	14° 0	23°17	25°27	3°54	4°D33	6°16	23°56	3°36	T 17
F 18	11 47 1	28° 4'17	21°53	22°24	29°50	6°37	5°47	13°57	23°17	25°29	3°53	4°34	6°13	24° 3	3°40	F 18
S 19	11 50 58	29° 4'45	5♊46	24°10	1♓ 4	7°16	5°56	13°55	23°18	25°32	3°53	4°35	6° 9	24°10	3°43	S 19
S 20	11 54 55	0♈ 5'12	19°13	25°57	2°18	7°56	6° 6	13°52	23°18	25°34	3°52	4°37	6° 6	24°16	3°47	S 20
M21	11 58 51	1° 5'37	2♋15	27°45	3°33	8°35	6°15	13°49	23°19	25°36	3°51	4°R37	6° 3	24°23	3°51	M21
T 22	12 2 48	2° 6'00	14°56	29°34	4°47	9°14	6°25	13°47	23°19	25°38	3°51	4°36	6° 0	24°30	3°55	T 22
W23	12 6 44	3° 6'21	27°20	1♈24	6° 1	9°53	6°35	13°44	23°19	25°41	3°50	4°34	5°57	24°36	3°58	W23
T 24	12 10 41	4° 6'40	9♌32	3°15	7°15	10°32	6°45	13°41	23°19	25°43	3°50	4°30	5°54	24°43	4° 2	T 24
F 25	12 14 37	5° 6'57	21°33	5° 7	8°29	11°11	6°55	13°38	23°19	25°45	3°49	4°25	5°50	24°50	4° 6	F 25
S 26	12 18 34	6° 7'13	3♍28	6°59	9°43	11°51	7° 5	13°34	23°20	25°47	3°49	4°20	5°47	24°56	4°10	S 26
S 27	12 22 30	7° 7'27	15°19	8°53	10°58	12°30	7°15	13°31	23°R20	25°50	3°48	4°15	5°44	25° 3	4°13	S 27
M28	12 26 27	8° 7'39	27° 9	10°47	12°12	13° 9	7°26	13°28	23°20	25°52	3°48	4°11	5°41	25°10	4°17	M28
T 29	12 30 23	9° 7'49	8♎59	12°42	13°26	13°48	7°36	13°24	23°20	25°54	3°47	4° 7	5°38	25°16	4°21	T 29
W30	12 34 20	10° 7'58	20°52	14°37	14°40	14°27	7°47	13°21	23°19	25°56	3°47	4° 5	5°35	25°23	4°25	W30
T 31	12 38 17	11♈ 8'05	2♏49	16♈33	15♓54	15♊ 6	7♊57	13♏17	23♐19	25♓59	3♌46	4°D 5	5♉31	25♍30	4♈28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s25	2n37	2n56	14s44	1s36	17s36	0n17	19n59	1n 2	19n52	0s49	13s35	2n33	23s 0	0n 3	2s38	0s40	16n39	2s28	13n10	13n46	6n26	4n18	3n33
W 2	7 2	2s51	2 1	14 17	1 40	17 20	0 14	20 9	1 3	19 53	0 49	13 35	2 33	23 0	0 3	2 38	0 40	16 40	2 28	13 8	13 45	6 23	4 19	3 33
T 3	6 39	8 14	1 0	13 50	1 45	17 3	0 11	20 19	1 4	19 55	0 49	13 34	2 33	23 0	0 3	2 37	0 40	16 40	2 28	13 7	13 44	6 20	4 20	3 33
F 4	6 16	13 23	0s 3	13 22	1 49	16 45	0 8	20 28	1 4	19 56	0 48	13 34	2 34	23 0	0 3	2 36	0 40	16 40	2 28	13 7	13 43	6 16	4 22	3 32
S 5	5 53	18 5	1 8	12 52	1 52	16 27	0 5	20 37	1 5	19 58	0 48	13 33	2 34	23 0	0 3	2 35	0 40	16 41	2 28	13 7	13 42	6 13	4 23	3 32
S 6	5 30	22 7	2 11	12 21	1 56	16 9	0 2	20 46	1 5	20 0	0 48	13 33	2 34	23 1	0 3	2 34	0 40	16 41	2 28	13 8	13 41	6 10	4 24	3 32
M 7	5 6	25 14	3 9	11 50	1 59	15 50	0s 1	20 55	1 6	20 1	0 48	13 32	2 34	23 1	0 3	2 33	0 40	16 41	2 27	13 8	13 40	6 7	4 26	3 32
T 8	4 43	27 8	3 59	11 17	2 1	15 31	0 4	21 4	1 6	20 3	0 47	13 31	2 35	23 1	0 3	2 32	0 40	16 42	2 27	13 8	13 39	6 4	4 27	3 32
W 9	4 19	27 32	4 38	10 44	2 4	15 11	0 7	21 13	1 7	20 5	0 47	13 31	2 35	23 1	0 3	2 31	0 40	16 42	2 27	13 7	13 38	6 0	4 28	3 32
T 10	3 56	26 16	5 2	10 9	2 6	14 51	0 10	21 21	1 7	20 6	0 47	13 30	2 35	23 1	0 3	2 31	0 40	16 42	2 27	13 6	13 37	5 57	4 30	3 32
F 11	3 32	23 16	5 9	9 33	2 7	14 31	0 13	21 30	1 8	20 8	0 47	13 29	2 35	23 1	0 2	2 30	0 40	16 42	2 27	13 4	13 36	5 54	4 31	3 32
S 12	3 8	18 41	4 55	8 57	2 8	14 10	0 16	21 38	1 8	20 10	0 47	13 28	2 36	23 1	0 2	2 29	0 40	16 43	2 27	13 2	13 35	5 51	4 32	3 32
S 13	2 45	12 51	4 21	8 19	2 9	13 48	0 19	21 46	1 8	20 11	0 46	13 28	2 36	23 1	0 2	2 28	0 40	16 43	2 27	13 0	13 34	5 48	4 34	3 31
M14	2 21	6 10	3 28	7 40	2 10	13 27	0 21	21 53	1 9	20 13	0 46	13 27	2 36	23 1	0 2	2 27	0 40	16 43	2 27	12 58	13 33	5 44	4 35	3 31
T 15	1 57	0n53	2 21	7 1	2 10	13 4	0 24	22 1	1 9	20 15	0 46	13 26	2 36	23 1	0 2	2 26	0 40	16 44	2 27	12 56	13 32	5 41	4 36	3 31
W16	1 33	7 48	1 4	6 20	2 9	12 42	0 27	22 9	1 10	20 17	0 46	13 25	2 37	23 1	0 2	2 25	0 40	16 44	2 27	12 56	13 30	5 38	4 38	3 31
T 17	1 9	14 10	0n16	5 39	2 8	12 19	0 30	22 16	1 10	20 18	0 46	13 24	2 37	23 1	0 2	2 24	0 40	16 44	2 26	12 55	13 29	5 35	4 39	3 31
F 18	0 46	19 35	1 33	4 56	2 7	11 56	0 32	22 23	1 11	20 20	0 45	13 23	2 37	23 1	0 2	2 23	0 40	16 44	2 26	12 56	13 28	5 31	4 40	3 31
S 19	0 22	23 44	2 42	4 13	2 5	11 32	0 35	22 30	1 11	20 22	0 45	13 22	2 37	23 1	0 2	2 23	0 40	16 45	2 26	12 56	13 27	5 28	4 42	3 31
S 20	0n 2	26 27	3 40	3 29	2 3	11 9	0 37	22 37	1 11	20 24	0 45	13 21	2 37	23 1	0 2	2 22	0 40	16 45	2 26	12 57	13 26	5 25	4 43	3 31
M21	0 26	27 37	4 24	2 44	2 0	10 44	0 40	22 43	1 12	20 26	0 45	13 20	2 38	23 1	0 2	2 21	0 40	16 45	2 26	12 57	13 25	5 22	4 45	3 31
T 22	0 50	27 16	4 54	1 58	1 57	10 20	0 42	22 50	1 12	20 27	0 44	13 19	2 38	23 1	0 2	2 20	0 40	16 45	2 26	12 57	13 24	5 18	4 46	3 31
W23	1 13	25 34	5 10	1 11	1 54	9 55	0 45	22 56	1 12	20 29	0 44	13 18	2 38	23 1	0 2	2 19	0 40	16 45	2 26	12 56	13 23	5 15	4 47	3 31
T 24	1 37	22 42	5 11	0 24	1 49	9 30	0 47	23 2	1 13	20 31	0 44	13 17	2 38	23 1	0 2	2 18	0 40	16 46	2 26	12 55	13 22	5 12	4 49	3 30
F 25	2 1	18 55	4 59	0n24	1 45	9 5	0 50	23 8	1 13	20 33	0 44	13 16	2 38	23 1	0 2	2 17	0 40	16 46	2 26	12 53	13 21	5 9	4 50	3 30
S 26	2 25	14 24	4 33	1 13	1 39	8 39	0 52	23 13	1 13	20 35	0 44	13 15	2 39	23 1	0 2	2 16	0 40	16 46	2 25	12 51	13 20	5 6	4 52	3 30
S 27	2 48	9 22	3 56	2 3	1 34	8 14	0 54	23 19	1 14	20 37	0 43	13 14	2 39	23 1	0 2	2 16	0 40	16 46	2 25	12 49	13 19	5 2	4 53	3 30
M28	3 12	4 1	3 9	2 53	1 27	7 48	0 56	23 24	1 14	20 39	0 43	13 13	2 39	23 1	0 2	2 15	0 40	16 47	2 25	12 48	13 18	4 59	4 55	3 30
T 29	3 35	1s29	2 14	3 44	1 21	7 21	0 58	23 29	1 14	20 41	0 43	13 11	2 39	23 1	0 2	2 14	0 40	16 47	2 25	12 47	13 17	4 56	4 56	3 30
W30	3 59	6 57	1 12	4 35	1 13	6 55	1 0	23 34	1 15	20 42	0 43	13 10	2 39	23 1	0 2	2 13	0 40	16 47	2 25	12 46	13 16	4 53	4 57	3 30
T 31	4n22	12s14	0n 7	5n27	1s 5	6s28	1s 2	23n39	1n15	20n44	0s43	13s 9	2n39	23s 1	0n 2	2s12	0s40	16n47	2s25	12n46	13n15	4n49	4n59	3n30

Julian Day Number = 3058272.5, Delta T = 02h30m10s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'42, Lahiri = 47°08'43

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

APRIL 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 42 13	12♈ 8'10	14♏52	18♈30	17♓ 8	15♊45	8♊ 8	13°R14	23°R19	26♓ 1	3°R46	4♉ 5	5♉28	25♍36	4♈32	F 1
S 2	12 46 10	13° 8'14	27° 4	20°26	18°23	16°25	8°19	13♏10	23♐19	26° 3	3♌46	4° 6	5°25	25°43	4°36	S 2
S 3	12 50 6	14° 8'16	9♐29	22°23	19°37	17° 4	8°30	13° 6	23°18	26° 5	3°45	4° 8	5°22	25°50	4°39	S 3
M 4	12 54 3	15° 8'17	22° 8	24°19	20°51	17°43	8°41	13° 3	23°18	26° 7	3°45	4° 9	5°19	25°56	4°43	M 4
T 5	12 57 59	16° 8'17	5♑ 6	26°15	22° 5	18°22	8°52	12°59	23°18	26°10	3°45	4°10	5°15	26° 3	4°47	T 5
W 6	13 1 56	17° 8'14	18°25	28°10	23°20	19° 1	9° 4	12°55	23°17	26°12	3°45	4°R11	5°12	26°10	4°51	W 6
T 7	13 5 52	18° 8'11	2♒ 8	0♉ 3	24°34	19°40	9°15	12°51	23°17	26°14	3°44	4°10	5° 9	26°17	4°54	T 7
F 8	13 9 49	19° 8'05	16°15	1°56	25°48	20°19	9°27	12°47	23°16	26°16	3°44	4° 9	5° 6	26°23	4°58	F 8
S 9	13 13 46	20° 7'59	0♓45	3°46	27° 2	20°58	9°38	12°43	23°15	26°18	3°44	4° 7	5° 3	26°30	5° 2	S 9
S 10	13 17 42	21° 7'50	15°35	5°33	28°17	21°37	9°50	12°39	23°15	26°20	3°44	4° 6	5° 0	26°37	5° 5	S 10
M11	13 21 39	22° 7'40	0♈37	7°18	29°31	22°16	10° 2	12°34	23°14	26°22	3°44	4° 4	4°56	26°43	5° 9	M11
T 12	13 25 35	23° 7'28	15°43	9° 0	0♈45	22°55	10°14	12°30	23°13	26°25	3°44	4° 3	4°53	26°50	5°12	T 12
W13	13 29 32	24° 7'14	0♉45	10°38	1°59	23°34	10°26	12°26	23°12	26°27	3°44	4°D 3	4°50	26°57	5°16	W13
T 14	13 33 28	25° 6'58	15°34	12°11	3°14	24°14	10°38	12°22	23°11	26°29	3°44	4° 3	4°47	27° 3	5°20	T 14
F 15	13 37 25	26° 6'41	0♊ 2	13°40	4°28	24°53	10°50	12°17	23°10	26°31	3°44	4° 3	4°44	27°10	5°23	F 15
S 16	13 41 21	27° 6'21	14° 5	15° 3	5°42	25°32	11° 2	12°13	23° 9	26°33	3°D44	4° 4	4°41	27°17	5°27	S 16
S 17	13 45 18	28° 6'00	27°42	16°21	6°56	26°11	11°14	12° 8	23° 8	26°35	3°44	4° 5	4°37	27°23	5°30	S 17
M18	13 49 15	29° 5'36	10♋53	17°33	8°10	26°50	11°26	12° 4	23° 7	26°37	3°44	4° 5	4°34	27°30	5°34	M18
T 19	13 53 11	0♉ 5'10	23°39	18°38	9°25	27°29	11°39	11°59	23° 6	26°39	3°44	4° 5	4°31	27°37	5°37	T 19
W20	13 57 8	1° 4'41	6♌ 6	19°37	10°39	28° 8	11°51	11°55	23° 5	26°41	3°44	4°R 5	4°28	27°43	5°41	W20
T 21	14 1 4	2° 4'11	18°17	20°29	11°53	28°47	12° 4	11°50	23° 4	26°43	3°44	4° 5	4°25	27°50	5°44	T 21
F 22	14 5 1	3° 3'38	0♍16	21°14	13° 7	29°26	12°16	11°46	23° 2	26°45	3°44	4° 5	4°21	27°57	5°47	F 22
S 23	14 8 57	4° 3'03	12° 8	21°51	14°21	0♋ 4	12°29	11°41	23° 1	26°47	3°44	4°D 5	4°18	28° 3	5°51	S 23
S 24	14 12 54	5° 2'26	23°57	22°21	15°36	0°43	12°42	11°36	23° 0	26°48	3°44	4° 5	4°15	28°10	5°54	S 24
M25	14 16 50	6° 1'46	5♎46	22°44	16°50	1°22	12°55	11°32	22°58	26°50	3°44	4° 5	4°12	28°17	5°58	M25
T 26	14 20 47	7° 1'05	17°39	22°59	18° 4	2° 1	13° 7	11°27	22°57	26°52	3°45	4° 6	4° 9	28°23	6° 1	T 26
W27	14 24 44	8° 0'21	29°38	23° 7	19°18	2°40	13°20	11°22	22°55	26°54	3°45	4°R 6	4° 6	28°30	6° 4	W27
T 28	14 28 40	8°59'36	11♏45	23°R 8	20°32	3°19	13°33	11°18	22°54	26°56	3°45	4° 6	4° 2	28°37	6° 7	T 28
F 29	14 32 37	9°58'49	24° 2	23° 2	21°46	3°58	13°46	11°13	22°52	26°58	3°46	4° 5	3°59	28°43	6°11	F 29
S 30	14 36 33	10♉57'59	6♐30	22♉49	23♈ 0	4♋37	13♊59	11♏ 8	22♐51	26♓59	3♌46	4♉ 5	3♉56	28♍50	6♈14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n45	17s 6	0s59	6n19	0s57	6s 1	1s 4	23n43	1n15	20n46	0s43	13s 8	2n40	23s 1	0n 2	2s11	0s40	16n47	2s25	12n46	13n14	4n46	5n 0	3n30
S 2	5 9	21 20	2 4	7 11	0 48	5 34	1 6	23 47	1 15	20 48	0 42	13 7	2 40	23 1	0 2	2 10	0 40	16 48	2 25	12 47	13 13	4 43	5 2	3 30
S 3	5 32	24 42	3 3	8 3	0 38	5 7	1 8	23 51	1 16	20 50	0 42	13 5	2 40	23 1	0 2	2 9	0 40	16 48	2 25	12 47	13 12	4 40	5 3	3 30
M 4	5 55	26 55	3 55	8 55	0 28	4 40	1 10	23 55	1 16	20 52	0 42	13 4	2 40	23 1	0 2	2 9	0 40	16 48	2 24	12 48	13 11	4 36	5 5	3 30
T 5	6 18	27 44	4 37	9 46	0 18	4 13	1 12	23 59	1 16	20 54	0 42	13 3	2 40	23 1	0 2	2 8	0 40	16 48	2 24	12 48	13 10	4 33	5 6	3 30
W 6	6 40	27 0	5 4	10 37	0 7	3 45	1 13	24 3	1 16	20 56	0 42	13 2	2 40	23 1	0 2	2 7	0 40	16 48	2 24	12 48	13 9	4 30	5 7	3 30
T 7	7 3	24 39	5 16	11 28	0n 5	3 17	1 15	24 6	1 16	20 58	0 41	13 0	2 41	23 1	0 2	2 6	0 40	16 48	2 24	12 48	13 7	4 26	5 9	3 30
F 8	7 26	20 45	5 9	12 18	0 16	2 49	1 16	24 9	1 17	20 59	0 41	12 59	2 41	23 1	0 2	2 5	0 40	16 49	2 24	12 47	13 6	4 23	5 10	3 30
S 9	7 48	15 31	4 43	13 6	0 28	2 21	1 18	24 12	1 17	21 1	0 41	12 58	2 41	23 1	0 2	2 4	0 40	16 49	2 24	12 47	13 5	4 20	5 12	3 30
S 10	8 10	9 17	3 57	13 54	0 41	1 53	1 19	24 15	1 17	21 3	0 41	12 56	2 41	23 1	0 2	2 4	0 40	16 49	2 24	12 46	13 4	4 17	5 13	3 30
M11	8 33	2 26	2 55	14 40	0 53	1 25	1 20	24 17	1 17	21 5	0 41	12 55	2 41	23 1	0 2	2 3	0 40	16 49	2 24	12 46	13 3	4 13	5 14	3 30
T 12	8 55	4n36	1 40	15 24	1 5	0 57	1 22	24 20	1 17	21 7	0 41	12 54	2 41	23 1	0 2	2 2	0 40	16 49	2 24	12 46	13 2	4 10	5 16	3 30
W13	9 16	11 21	0 18	16 6	1 18	0 29	1 23	24 22	1 18	21 9	0 40	12 52	2 41	23 1	0 2	2 1	0 40	16 49	2 23	12 45	13 1	4 7	5 17	3 30
T 14	9 38	17 22	1n 4	16 47	1 30	0 1	1 24	24 24	1 18	21 11	0 40	12 51	2 41	23 1	0 2	2 0	0 40	16 49	2 23	12 45	13 0	4 4	5 19	3 30
F 15	10 0	22 15	2 19	17 25	1 42	0n27	1 25	24 26	1 18	21 12	0 40	12 49	2 41	23 1	0 2	2 0	0 40	16 50	2 23	12 46	12 59	4 0	5 20	3 30
S 16	10 21	25 40	3 24	18 1	1 53	0 56	1 26	24 27	1 18	21 14	0 40	12 48	2 41	23 1	0 2	1 59	0 40	16 50	2 23	12 46	12 58	3 57	5 21	3 30
S 17	10 42	27 28	4 16	18 34	2 4	1 24	1 27	24 29	1 18	21 16	0 40	12 47	2 42	23 1	0 2	1 58	0 40	16 50	2 23	12 46	12 57	3 54	5 23	3 30
M18	11 3	27 38	4 52	19 4	2 15	1 52	1 28	24 30	1 18	21 18	0 40	12 45	2 42	23 1	0 2	1 57	0 40	16 50	2 23	12 46	12 56	3 50	5 24	3 30
T 19	11 24	26 18	5 12	19 32	2 24	2 20	1 28	24 31	1 19	21 20	0 40	12 44	2 42	23 1	0 2	1 57	0 41	16 50	2 23	12 46	12 55	3 47	5 26	3 30
W20	11 45	23 42	5 17	19 57	2 34	2 49	1 29	24 32	1 19	21 22	0 39	12 42	2 42	23 1	0 2	1 56	0 41	16 50	2 23	12 46	12 54	3 44	5 27	3 30
T 21	12 5	20 6	5 8	20 19	2 42	3 17	1 30	24 32	1 19	21 23	0 39	12 41	2 42	23 1	0 2	1 55	0 41	16 50	2 23	12 46	12 53	3 41	5 28	3 30
F 22	12 25	15 44	4 45	20 37	2 49	3 45	1 30	24 33	1 19	21 25	0 39	12 39	2 42	23 1	0 2	1 54	0 41	16 50	2 22	12 46	12 52	3 37	5 30	3 30
S 23	12 45	10 48	4 10	20 53	2 55	4 13	1 31	24 33	1 19	21 27	0 39	12 38	2 42	23 1	0 2	1 54	0 41	16 50	2 22	12 46	12 51	3 34	5 31	3 30
S 24	13 5	5 31	3 25	21 6	3 0	4 41	1 31	24 33	1 19	21 29	0 39	12 37	2 42	23 1	0 2	1 53	0 41	16 50	2 22	12 46	12 49	3 31	5 32	3 30
M25	13 25	0 2	2 31	21 15	3 4	5 9	1 32	24 32	1 19	21 30	0 39	12 35	2 42	23 0	0 2	1 52	0 41	16 50	2 22	12 46	12 48	3 27	5 34	3 30
T 26	13 44	5s29	1 30	21 21	3 6	5 36	1 32	24 32	1 19	21 32	0 39	12 34	2 42	23 0	0 2	1 51	0 41	16 50	2 22	12 46	12 47	3 24	5 35	3 30
W27	14 3	10 52	0 25	21 24	3 7	6 4	1 32	24 31	1 19	21 34	0 38	12 32	2 42	23 0	0 2	1 51	0 41	16 51	2 22	12 46	12 46	3 21	5 36	3 30
T 28	14 22	15 54	0s42	21 24	3 6	6 32	1 32	24 31	1 20	21 36	0 38	12 31	2 42	23 0	0 2	1 50	0 41	16 51	2 22	12 46	12 45	3 18	5 38	3 30
F 29	14 41	20 22	1 48	21 20	3 4	6 59	1 32	24 30	1 20	21 37	0 38	12 29	2 42	23 0	0 2	1 49	0 41	16 51	2 22	12 46	12 44	3 14	5 39	3 30
S 30	14n59	24s 0	2s50	21n13	3n 0	7n26	1s32	24n28	1n20	21n39	0s38	12s28	2n42	23s 0	0n 2	1s49	0s41	16n51	2s22	12n46	12n43	3n11	5n40	3n30

Julian Day Number = 3058303.5, Delta T = 02h30m11s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'47, Lahiri = 47°08'47

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

MAY 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 40 30	11♉57'09	19♐10	22°R30	24♈15	5♋15	14♊13	11°R 4	22°R49	27♓ 1	3♌46	4°R 4	3♉53	28♍57	6♈17	S 1
M 2	14 44 26	12°56'16	2♑ 5	22♉ 5	25°29	5°54	14°26	10♏59	22♐47	27° 3	3°47	4♉ 3	3°50	29° 3	6°20	M 2
T 3	14 48 23	13°55'21	15°14	21°35	26°43	6°33	14°39	10°54	22°46	27° 5	3°47	4° 2	3°47	29°10	6°23	T 3
W 4	14 52 19	14°54'25	28°39	21° 1	27°57	7°12	14°52	10°50	22°44	27° 6	3°47	4° 1	3°43	29°17	6°27	W 4
T 5	14 56 16	15°53'28	12♒20	20°22	29°11	7°51	15° 6	10°45	22°42	27° 8	3°48	4°D 0	3°40	29°23	6°30	T 5
F 6	15 0 13	16°52'28	26°18	19°41	0♉25	8°29	15°19	10°40	22°40	27°10	3°48	4° 0	3°37	29°30	6°33	F 6
S 7	15 4 9	17°51'27	10♓32	18°58	1°39	9° 8	15°32	10°36	22°38	27°11	3°49	4° 1	3°34	29°37	6°36	S 7
S 8	15 8 6	18°50'24	25° 0	18°13	2°54	9°47	15°46	10°31	22°36	27°13	3°49	4° 2	3°31	29°43	6°39	S 8
M 9	15 12 2	19°49'20	9♈38	17°28	4° 8	10°26	15°59	10°26	22°34	27°14	3°50	4° 3	3°27	29°50	6°42	M 9
T 10	15 15 59	20°48'13	24°21	16°44	5°22	11° 4	16°13	10°22	22°32	27°16	3°50	4° 4	3°24	29°57	6°45	T 10
W11	15 19 55	21°47'05	9♉ 4	16° 0	6°36	11°43	16°27	10°17	22°30	27°17	3°51	4°R 4	3°21	0♎ 3	6°47	W11
T 12	15 23 52	22°45'56	23°39	15°19	7°50	12°22	16°40	10°13	22°28	27°19	3°52	4° 3	3°18	0°10	6°50	T 12
F 13	15 27 48	23°44'44	8♊ 0	14°40	9° 4	13° 0	16°54	10° 8	22°26	27°20	3°52	4° 2	3°15	0°17	6°53	F 13
S 14	15 31 45	24°43'31	22° 2	14° 5	10°18	13°39	17° 8	10° 4	22°24	27°22	3°53	3°59	3°12	0°23	6°56	S 14
S 15	15 35 42	25°42'15	5♋41	13°33	11°32	14°18	17°21	9°59	22°22	27°23	3°53	3°56	3° 8	0°30	6°59	S 15
M16	15 39 38	26°40'58	18°56	13° 6	12°46	14°56	17°35	9°55	22°20	27°25	3°54	3°53	3° 5	0°37	7° 1	M16
T 17	15 43 35	27°39'38	1♌47	12°43	14° 0	15°35	17°49	9°51	22°18	27°26	3°55	3°50	3° 2	0°43	7° 4	T 17
W18	15 47 31	28°38'16	14°18	12°25	15°14	16°14	18° 3	9°46	22°15	27°27	3°56	3°48	2°59	0°50	7° 7	W18
T 19	15 51 28	29°36'52	26°31	12°11	16°28	16°52	18°17	9°42	22°13	27°29	3°56	3°D47	2°56	0°57	7° 9	T 19
F 20	15 55 24	0♊35'26	8♍31	12° 3	17°42	17°31	18°31	9°38	22°11	27°30	3°57	3°47	2°53	1° 3	7°12	F 20
S 21	15 59 21	1°33'58	20°23	11°D59	18°56	18° 9	18°45	9°34	22° 9	27°31	3°58	3°48	2°49	1°10	7°14	S 21
S 22	16 3 17	2°32'28	2♎12	12° 1	20°10	18°48	18°59	9°30	22° 6	27°32	3°59	3°50	2°46	1°17	7°17	S 22
M23	16 7 14	3°30'56	14° 3	12° 7	21°24	19°27	19°13	9°25	22° 4	27°34	3°59	3°52	2°43	1°23	7°19	M23
T 24	16 11 11	4°29'21	25°59	12°19	22°38	20° 5	19°27	9°21	22° 2	27°35	4° 0	3°53	2°40	1°30	7°22	T 24
W25	16 15 7	5°27'45	8♏ 5	12°34	23°52	20°44	19°41	9°17	21°59	27°36	4° 1	3°R53	2°37	1°37	7°24	W25
T 26	16 19 4	6°26'07	20°23	12°55	25° 6	21°22	19°55	9°14	21°57	27°37	4° 2	3°52	2°33	1°43	7°26	T 26
F 27	16 23 0	7°24'27	2♐55	13°20	26°20	22° 1	20° 9	9°10	21°54	27°38	4° 3	3°49	2°30	1°50	7°28	F 27
S 28	16 26 57	8°22'46	15°42	13°49	27°34	22°39	20°23	9° 6	21°52	27°39	4° 4	3°45	2°27	1°57	7°31	S 28
S 29	16 30 53	9°21'03	28°45	14°22	28°48	23°17	20°37	9° 2	21°50	27°40	4° 5	3°40	2°24	2° 3	7°33	S 29
M30	16 34 50	10°19'18	12♑ 2	15° 0	0♊ 2	23°56	20°51	8°59	21°47	27°41	4° 6	3°34	2°21	2°10	7°35	M30
T 31	16 38 46	11♊17'32	25♑32	15♉41	1♊16	24♋34	21♊ 5	8♏55	21♐45	27♓42	4♌ 7	3♉28	2♉18	2♎17	7♈37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n17	26s32	3s45	21n 3	2n55	7n53	1s32	24n27	1n20	21n41	0s38	12s27	2n42	23s 0	0n 2	1s48	0s41	16n51	2s21	12n46	12n42	3n 8	5n42	3n30
M 2	15 35	27 42	4 29	20 50	2 48	8 20	1 32	24 26	1 20	21 42	0 38	12 25	2 42	23 0	0 2	1 47	0 41	16 51	2 21	12 45	12 41	3 4	5 43	3 30
T 3	15 53	27 20	5 0	20 34	2 40	8 47	1 32	24 24	1 20	21 44	0 38	12 24	2 42	23 0	0 2	1 47	0 41	16 51	2 21	12 45	12 40	3 1	5 44	3 30
W 4	16 10	25 24	5 15	20 16	2 30	9 13	1 32	24 22	1 20	21 45	0 37	12 22	2 42	23 0	0 2	1 46	0 41	16 51	2 21	12 45	12 39	2 58	5 45	3 30
T 5	16 27	21 58	5 13	19 54	2 18	9 40	1 31	24 20	1 20	21 47	0 37	12 21	2 42	23 0	0 2	1 45	0 41	16 51	2 21	12 45	12 38	2 55	5 47	3 30
F 6	16 44	17 14	4 53	19 31	2 6	10 6	1 31	24 17	1 20	21 49	0 37	12 20	2 42	23 0	0 2	1 45	0 41	16 51	2 21	12 45	12 37	2 51	5 48	3 30
S 7	17 0	11 29	4 15	19 6	1 52	10 32	1 30	24 15	1 20	21 50	0 37	12 18	2 42	23 0	0 2	1 44	0 41	16 51	2 21	12 45	12 36	2 48	5 49	3 30
S 8	17 16	5 2	3 20	18 40	1 37	10 57	1 30	24 12	1 20	21 52	0 37	12 17	2 42	22 59	0 2	1 44	0 41	16 51	2 21	12 45	12 35	2 45	5 50	3 30
M 9	17 32	1n46	2 11	18 12	1 21	11 23	1 29	24 9	1 20	21 53	0 37	12 15	2 42	22 59	0 2	1 43	0 41	16 51	2 21	12 46	12 33	2 41	5 52	3 30
T 10	17 48	8 32	0 53	17 44	1 5	11 48	1 29	24 6	1 20	21 55	0 37	12 14	2 42	22 59	0 2	1 42	0 41	16 51	2 20	12 46	12 32	2 38	5 53	3 31
W11	18 3	14 50	0n28	17 15	0 48	12 13	1 28	24 3	1 20	21 56	0 37	12 13	2 42	22 59	0 2	1 42	0 41	16 51	2 20	12 46	12 31	2 35	5 54	3 31
T 12	18 18	20 14	1 46	16 47	0 31	12 37	1 27	23 59	1 20	21 58	0 36	12 11	2 42	22 59	0 2	1 41	0 41	16 51	2 20	12 46	12 30	2 31	5 55	3 31
F 13	18 33	24 21	2 57	16 19	0 14	13 2	1 26	23 56	1 20	21 59	0 36	12 10	2 42	22 59	0 2	1 41	0 41	16 51	2 20	12 45	12 29	2 28	5 56	3 31
S 14	18 47	26 54	3 55	15 53	0s 3	13 26	1 25	23 52	1 20	22 1	0 36	12 9	2 42	22 59	0 2	1 40	0 41	16 51	2 20	12 44	12 28	2 25	5 58	3 31
S 15	19 1	27 44	4 37	15 27	0 20	13 49	1 24	23 48	1 20	22 2	0 36	12 7	2 41	22 59	0 2	1 40	0 41	16 51	2 20	12 43	12 27	2 21	5 59	3 31
M16	19 15	26 55	5 4	15 3	0 36	14 13	1 23	23 44	1 20	22 3	0 36	12 6	2 41	22 59	0 2	1 39	0 41	16 50	2 20	12 42	12 26	2 18	6 0	3 31
T 17	19 28	24 42	5 14	14 41	0 52	14 35	1 22	23 39	1 20	22 5	0 36	12 5	2 41	22 58	0 2	1 39	0 41	16 50	2 20	12 41	12 25	2 15	6 1	3 31
W18	19 41	21 20	5 9	14 21	1 8	14 58	1 21	23 35	1 20	22 6	0 36	12 4	2 41	22 58	0 2	1 38	0 41	16 50	2 20	12 40	12 24	2 12	6 2	3 31
T 19	19 53	17 7	4 50	14 3	1 23	15 20	1 20	23 30	1 20	22 7	0 36	12 2	2 41	22 58	0 2	1 38	0 41	16 50	2 19	12 40	12 23	2 8	6 3	3 31
F 20	20 6	12 18	4 19	13 47	1 37	15 42	1 19	23 25	1 20	22 9	0 36	12 1	2 41	22 58	0 2	1 37	0 41	16 50	2 19	12 40	12 22	2 5	6 4	3 31
S 21	20 18	7 6	3 37	13 33	1 50	16 4	1 17	23 20	1 20	22 10	0 35	12 0	2 41	22 58	0 2	1 37	0 41	16 50	2 19	12 41	12 21	2 2	6 5	3 31
S 22	20 29	1 40	2 45	13 22	2 2	16 25	1 16	23 15	1 20	22 11	0 35	11 59	2 41	22 58	0 2	1 36	0 41	16 50	2 19	12 41	12 20	1 58	6 6	3 31
M23	20 40	3s51	1 47	13 13	2 13	16 45	1 14	23 9	1 20	22 13	0 35	11 58	2 41	22 58	0 2	1 36	0 41	16 50	2 19	12 42	12 18	1 55	6 7	3 32
T 24	20 51	9 17	0 43	13 6	2 24	17 5	1 13	23 3	1 20	22 14	0 35	11 57	2 40	22 58	0 2	1 35	0 41	16 50	2 19	12 42	12 17	1 52	6 8	3 32
W25	21 1	14 26	0s23	13 2	2 34	17 25	1 11	22 58	1 20	22 15	0 35	11 56	2 40	22 57	0 2	1 35	0 41	16 50	2 19	12 42	12 16	1 48	6 9	3 32
T 26	21 12	19 7	1 29	13 0	2 42	17 44	1 10	22 52	1 20	22 16	0 35	11 54	2 40	22 57	0 2	1 35	0 41	16 50	2 19	12 42	12 15	1 45	6 10	3 32
F 27	21 21	23 2	2 32	13 0	2 50	18 3	1 8	22 46	1 20	22 17	0 35	11 53	2 40	22 57	0 2	1 34	0 42	16 50	2 19	12 41	12 14	1 42	6 11	3 32
S 28	21 30	25 55	3 28	13 1	2 57	18 22	1 7	22 39	1 20	22 18	0 35	11 52	2 40	22 57	0 2	1 34	0 42	16 49	2 18	12 39	12 13	1 38	6 12	3 32
S 29	21 39	27 28	4 15	13 5	3 3	18 39	1 5	22 33	1 20	22 19	0 35	11 51	2 40	22 57	0 2	1 33	0 42	16 49	2 18	12 38	12 12	1 35	6 13	3 32
M30	21 48	27 29	4 49	13 11	3 9	18 57	1 3	22 26	1 20	22 20	0 35	11 50	2 40	22 57	0 2	1 33	0 42	16 49	2 18	12 36	12 11	1 32	6 14	3 32
T 31	21n56	25s53	5s 7	13n18	3s13	19n14	1s 1	22n19	1n20	22n22	0s34	11s49	2n39	22s57	0n 2	1s33	0s42	16n49	2s18	12n34	12n10	1n28	6n15	3n32

Julian Day Number = 3058333.5, Delta T = 02h30m12s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'51, Lahiri = 47°08'51

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

JUNE 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 42 43	12♊15'44	9♒14	16♉25	2♊30	25♋13	21♊19	8°R51	21°R42	27♓43	4♌ 8	3°R23	2♉14	2♎23	7♈39	W 1
T 2	16 46 40	13°13'55	23° 5	17°14	3°43	25°51	21°34	8♏48	21♐40	27°44	4° 9	3♉19	2°11	2°30	7°41	T 2
F 3	16 50 36	14°12'05	7♓ 5	18° 5	4°57	26°30	21°48	8°45	21°37	27°45	4°10	3°18	2° 8	2°37	7°43	F 3
S 4	16 54 33	15°10'13	21°12	19° 0	6°11	27° 8	22° 2	8°41	21°35	27°46	4°11	3°D18	2° 5	2°43	7°45	S 4
S 5	16 58 29	16° 8'20	5♈25	19°58	7°25	27°46	22°16	8°38	21°32	27°46	4°12	3°19	2° 2	2°50	7°47	S 5
M 6	17 2 26	17° 6'25	19°41	20°59	8°39	28°25	22°30	8°35	21°30	27°47	4°13	3°20	1°58	2°57	7°49	M 6
T 7	17 6 22	18° 4'30	3♉59	22° 3	9°53	29° 3	22°45	8°32	21°27	27°48	4°14	3°R20	1°55	3° 3	7°50	T 7
W 8	17 10 19	19° 2'33	18°15	23°10	11° 7	29°41	22°59	8°29	21°25	27°49	4°15	3°20	1°52	3°10	7°52	W 8
T 9	17 14 15	20° 0'35	2♊26	24°20	12°21	0♌20	23°13	8°26	21°22	27°49	4°16	3°17	1°49	3°17	7°54	T 9
F 10	17 18 12	20°58'35	16°27	25°32	13°35	0°58	23°27	8°23	21°20	27°50	4°17	3°11	1°46	3°23	7°55	F 10
S 11	17 22 9	21°56'34	0♋14	26°47	14°48	1°36	23°41	8°20	21°17	27°50	4°19	3° 4	1°43	3°30	7°57	S 11
S 12	17 26 5	22°54'32	13°44	28° 4	16° 2	2°14	23°56	8°18	21°15	27°51	4°20	2°56	1°39	3°37	7°58	S 12
M13	17 30 2	23°52'28	26°54	29°24	17°16	2°53	24°10	8°15	21°12	27°52	4°21	2°47	1°36	3°43	8° 0	M13
T 14	17 33 58	24°50'22	9♌43	0♊46	18°30	3°31	24°24	8°13	21°10	27°52	4°22	2°39	1°33	3°50	8° 1	T 14
W15	17 37 55	25°48'15	22°13	2°11	19°44	4° 9	24°38	8°10	21° 7	27°53	4°23	2°33	1°30	3°57	8° 3	W15
T 16	17 41 51	26°46'06	4♍27	3°38	20°58	4°47	24°53	8° 8	21° 5	27°53	4°25	2°28	1°27	4° 3	8° 4	T 16
F 17	17 45 48	27°43'56	16°28	5° 8	22°12	5°26	25° 7	8° 6	21° 2	27°53	4°26	2°25	1°24	4°10	8° 5	F 17
S 18	17 49 45	28°41'44	28°20	6°40	23°25	6° 4	25°21	8° 4	21° 0	27°54	4°27	2°D25	1°20	4°17	8° 6	S 18
S 19	17 53 41	29°39'30	10♎ 9	8°14	24°39	6°42	25°35	8° 1	20°57	27°54	4°28	2°25	1°17	4°23	8° 7	S 19
M20	17 57 38	0♋37'15	22° 1	9°51	25°53	7°20	25°49	8° 0	20°55	27°54	4°30	2°26	1°14	4°30	8° 9	M20
T 21	18 1 34	1°34'59	3♏59	11°30	27° 7	7°58	26° 3	7°58	20°52	27°55	4°31	2°R26	1°11	4°37	8°10	T 21
W22	18 5 31	2°32'41	16°10	13°11	28°21	8°37	26°18	7°56	20°50	27°55	4°32	2°25	1° 8	4°43	8°11	W22
T 23	18 9 27	3°30'21	28°37	14°54	29°34	9°15	26°32	7°54	20°47	27°55	4°34	2°22	1° 5	4°50	8°12	T 23
F 24	18 13 24	4°28'01	11♐22	16°40	0♋48	9°53	26°46	7°53	20°45	27°55	4°35	2°17	1° 1	4°57	8°12	F 24
S 25	18 17 20	5°25'39	24°27	18°28	2° 2	10°31	27° 0	7°51	20°42	27°56	4°36	2° 9	0°58	5° 3	8°13	S 25
S 26	18 21 17	6°23'16	7♑52	20°19	3°16	11° 9	27°14	7°50	20°40	27°56	4°38	2° 0	0°55	5°10	8°14	S 26
M27	18 25 14	7°20'52	21°34	22°12	4°29	11°47	27°28	7°49	20°38	27°56	4°39	1°49	0°52	5°17	8°15	M27
T 28	18 29 10	8°18'27	5♒30	24° 7	5°43	12°25	27°42	7°47	20°35	27°56	4°40	1°39	0°49	5°23	8°15	T 28
W29	18 33 7	9°16'01	19°37	26° 4	6°57	13° 3	27°56	7°46	20°33	27°R56	4°42	1°30	0°45	5°30	8°16	W29
T 30	18 37 3	10♋13'34	3♓48	28♊ 3	8♋11	13♌42	28♊10	7♏45	20♐31	27♓56	4♌43	1♉23	0♉42	5♎37	8♈17	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 4	22s45	5s 9	13n27	3s17	19n30	1s 0	22n12	1n19	22n23	0s34	11s48	2n39	22s56	0n 2	1s32	0s42	16n49	2s18	12n32	12n 9	1n25	6n16	3n32
T 2	22 11	18 18	4 52	13 38	3 20	19 46	0 58	22 5	1 19	22 24	0 34	11 48	2 39	22 56	0 2	1 32	0 42	16 49	2 18	12 31	12 8	1 22	6 17	3 33
F 3	22 18	12 50	4 18	13 50	3 22	20 1	0 56	21 58	1 19	22 25	0 34	11 47	2 39	22 56	0 2	1 32	0 42	16 49	2 18	12 30	12 7	1 18	6 18	3 33
S 4	22 25	6 39	3 28	14 4	3 23	20 16	0 54	21 51	1 19	22 25	0 34	11 46	2 39	22 56	0 2	1 31	0 42	16 49	2 18	12 30	12 5	1 15	6 19	3 33
S 5	22 31	0 6	2 26	14 18	3 24	20 30	0 52	21 43	1 19	22 26	0 34	11 45	2 39	22 56	0 2	1 31	0 42	16 48	2 18	12 31	12 4	1 12	6 19	3 33
M 6	22 37	6n30	1 13	14 34	3 24	20 44	0 50	21 35	1 19	22 27	0 34	11 44	2 38	22 56	0 2	1 31	0 42	16 48	2 18	12 31	12 3	1 8	6 20	3 33
T 7	22 42	12 47	0n 3	14 51	3 23	20 57	0 48	21 27	1 19	22 28	0 34	11 43	2 38	22 56	0 2	1 31	0 42	16 48	2 17	12 31	12 2	1 5	6 21	3 33
W 8	22 47	18 24	1 20	15 9	3 21	21 9	0 46	21 19	1 19	22 29	0 34	11 43	2 38	22 55	0 2	1 30	0 42	16 48	2 17	12 31	12 1	1 2	6 22	3 33
T 9	22 51	22 55	2 31	15 28	3 19	21 21	0 43	21 11	1 19	22 30	0 34	11 42	2 38	22 55	0 2	1 30	0 42	16 48	2 17	12 30	12 0	0 58	6 23	3 33
F 10	22 55	26 3	3 31	15 47	3 16	21 33	0 41	21 3	1 19	22 31	0 34	11 41	2 38	22 55	0 2	1 30	0 42	16 48	2 17	12 28	11 59	0 55	6 23	3 33
S 11	22 59	27 32	4 18	16 8	3 13	21 43	0 39	20 54	1 19	22 31	0 33	11 40	2 37	22 55	0 2	1 30	0 42	16 47	2 17	12 26	11 58	0 52	6 24	3 34
S 12	23 2	27 20	4 50	16 29	3 9	21 53	0 37	20 46	1 18	22 32	0 33	11 40	2 37	22 55	0 2	1 29	0 42	16 47	2 17	12 23	11 57	0 48	6 25	3 34
M13	23 5	25 35	5 5	16 50	3 5	22 3	0 35	20 37	1 18	22 33	0 33	11 39	2 37	22 55	0 2	1 29	0 42	16 47	2 17	12 20	11 56	0 45	6 25	3 34
T 14	23 8	22 33	5 4	17 12	3 0	22 12	0 32	20 28	1 18	22 33	0 33	11 39	2 37	22 55	0 2	1 29	0 42	16 47	2 17	12 17	11 55	0 42	6 26	3 34
W15	23 10	18 32	4 49	17 34	2 54	22 20	0 30	20 19	1 18	22 34	0 33	11 38	2 36	22 54	0 2	1 29	0 42	16 47	2 17	12 15	11 53	0 38	6 27	3 34
T 16	23 11	13 50	4 21	17 57	2 48	22 28	0 28	20 10	1 18	22 35	0 33	11 38	2 36	22 54	0 2	1 29	0 42	16 46	2 17	12 13	11 52	0 35	6 27	3 34
F 17	23 13	8 42	3 41	18 19	2 41	22 34	0 26	20 0	1 18	22 35	0 33	11 37	2 36	22 54	0 2	1 29	0 42	16 46	2 17	12 12	11 51	0 32	6 28	3 34
S 18	23 13	3 18	2 52	18 42	2 34	22 41	0 23	19 51	1 18	22 36	0 33	11 37	2 36	22 54	0 2	1 29	0 42	16 46	2 16	12 12	11 50	0 28	6 29	3 34
S 19	23 14	2s12	1 57	19 5	2 26	22 46	0 21	19 41	1 18	22 37	0 33	11 36	2 36	22 54	0 2	1 28	0 42	16 46	2 16	12 12	11 49	0 25	6 29	3 35
M20	23 14	7 38	0 56	19 27	2 18	22 51	0 19	19 31	1 17	22 37	0 33	11 36	2 35	22 54	0 2	1 28	0 42	16 46	2 16	12 13	11 48	0 22	6 30	3 35
T 21	23 13	12 52	0s 8	19 49	2 10	22 56	0 16	19 21	1 17	22 38	0 33	11 35	2 35	22 53	0 2	1 28	0 42	16 45	2 16	12 13	11 47	0 18	6 30	3 35
W22	23 12	17 42	1 13	20 11	2 1	22 59	0 14	19 11	1 17	22 38	0 33	11 35	2 35	22 53	0 2	1 28	0 42	16 45	2 16	12 12	11 46	0 15	6 31	3 35
T 23	23 11	21 52	2 15	20 32	1 52	23 2	0 11	19 1	1 17	22 38	0 33	11 35	2 35	22 53	0 2	1 28	0 42	16 45	2 16	12 11	11 45	0 12	6 31	3 35
F 24	23 9	25 7	3 12	20 52	1 42	23 4	0 9	18 51	1 17	22 39	0 32	11 34	2 34	22 53	0 2	1 28	0 42	16 45	2 16	12 10	11 44	0 8	6 32	3 35
S 25	23 7	27 7	4 0	21 12	1 32	23 6	0 7	18 41	1 17	22 39	0 32	11 34	2 34	22 53	0 1	1 28	0 42	16 44	2 16	12 7	11 43	0 5	6 32	3 35
S 26	23 4	27 36	4 37	21 31	1 22	23 7	0 4	18 30	1 17	22 40	0 32	11 34	2 34	22 53	0 1	1 28	0 42	16 44	2 16	12 4	11 41	0 2	6 32	3 35
M27	23 2	26 25	4 58	21 49	1 11	23 7	0 2	18 20	1 16	22 40	0 32	11 34	2 34	22 53	0 1	1 28	0 43	16 44	2 16	12 0	11 40	0s 2	6 33	3 36
T 28	22 58	23 36	5 2	22 5	1 1	23 7	0n 0	18 9	1 16	22 40	0 32	11 34	2 33	22 52	0 1	1 28	0 43	16 44	2 16	11 57	11 39	0 5	6 33	3 36
W29	22 54	19 22	4 48	22 20	0 50	23 6	0 3	17 58	1 16	22 41	0 32	11 34	2 33	22 52	0 1	1 28	0 43	16 43	2 16	11 54	11 38	0 9	6 34	3 36
T 30	22n50	14s 0	4s16	22n34	0s39	23n 4	0n 5	17n47	1n16	22n41	0s32	11s34	2n33	22s52	0n 1	1s28	0s43	16n43	2s15	11n51	11n37	0s12	6n34	3n36

Julian Day Number = 3058364.5, Delta T = 02h30m13s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'55, Lahiri = 47°08'56

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

JULY 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 41 0	11♋11'07	18♓ 1	0♋ 4	9♋25	14♌20	28♊24	7°R45	20°R28	27°R56	4♌45	1°R19	0♉39	5♎43	8♈17	F 1
S 2	18 44 56	12° 8'39	2♈13	2° 8	10°38	14°58	28°38	7♏44	20♐26	27♓56	4°46	1♉17	0°36	5°50	8°18	S 2
S 3	18 48 53	13° 6'10	16°22	4°13	11°52	15°36	28°52	7°43	20°24	27°56	4°47	1°D17	0°33	5°57	8°18	S 3
M 4	18 52 49	14° 3'40	0♉26	6°20	13° 6	16°14	29° 6	7°43	20°21	27°55	4°49	1°R17	0°30	6° 3	8°18	M 4
T 5	18 56 46	15° 1'10	14°25	8°28	14°20	16°52	29°20	7°42	20°19	27°55	4°50	1°16	0°26	6°10	8°19	T 5
W 6	19 0 43	15°58'40	28°18	10°38	15°34	17°30	29°34	7°42	20°17	27°55	4°52	1°14	0°23	6°16	8°19	W 6
T 7	19 4 39	16°56'09	12♊ 3	12°48	16°47	18° 8	29°48	7°41	20°15	27°55	4°53	1° 9	0°20	6°23	8°19	T 7
F 8	19 8 36	17°53'37	25°40	15° 0	18° 1	18°46	0♋ 2	7°41	20°13	27°55	4°55	1° 1	0°17	6°30	8°19	F 8
S 9	19 12 32	18°51'05	9♋ 4	17°12	19°15	19°24	0°16	7°D41	20°11	27°54	4°56	0°51	0°14	6°36	8°19	S 9
S 10	19 16 29	19°48'32	22°16	19°24	20°29	20° 2	0°30	7°41	20° 8	27°54	4°58	0°39	0°11	6°43	8°R19	S 10
M11	19 20 25	20°45'58	5♌12	21°36	21°42	20°40	0°43	7°41	20° 6	27°54	4°59	0°26	0° 7	6°50	8°19	M11
T 12	19 24 22	21°43'24	17°51	23°48	22°56	21°18	0°57	7°42	20° 4	27°53	5° 0	0°14	0° 4	6°56	8°19	T 12
W13	19 28 19	22°40'48	0♍15	25°59	24°10	21°56	1°11	7°42	20° 2	27°53	5° 2	0° 4	0° 1	7° 3	8°19	W13
T 14	19 32 15	23°38'12	12°25	28°10	25°24	22°34	1°24	7°42	20° 0	27°52	5° 3	29♈56	29♈58	7°10	8°19	T 14
F 15	19 36 12	24°35'35	24°24	0♌20	26°38	23°12	1°38	7°43	19°58	27°52	5° 5	29°51	29°55	7°16	8°19	F 15
S 16	19 40 8	25°32'58	6♎15	2°28	27°51	23°50	1°51	7°44	19°57	27°51	5° 6	29°48	29°51	7°23	8°18	S 16
S 17	19 44 5	26°30'19	18° 3	4°35	29° 5	24°28	2° 5	7°44	19°55	27°51	5° 8	29°47	29°48	7°30	8°18	S 17
M18	19 48 1	27°27'40	29°54	6°40	0♌19	25° 6	2°18	7°45	19°53	27°50	5° 9	29°47	29°45	7°36	8°17	M18
T 19	19 51 58	28°25'00	11♏53	8°43	1°33	25°44	2°32	7°46	19°51	27°50	5°11	29°46	29°42	7°43	8°17	T 19
W20	19 55 54	29°22'20	24° 5	10°45	2°46	26°22	2°45	7°47	19°49	27°49	5°12	29°45	29°39	7°50	8°16	W20
T 21	19 59 51	0♌19'39	6♐35	12°45	4° 0	26°59	2°59	7°48	19°48	27°48	5°14	29°41	29°36	7°56	8°16	T 21
F 22	20 3 48	1°16'57	19°28	14°43	5°14	27°37	3°12	7°50	19°46	27°47	5°15	29°35	29°32	8° 3	8°15	F 22
S 23	20 7 44	2°14'15	2♑44	16°39	6°28	28°15	3°25	7°51	19°44	27°47	5°17	29°27	29°29	8°10	8°15	S 23
S 24	20 11 41	3°11'32	16°25	18°32	7°42	28°53	3°38	7°52	19°43	27°46	5°19	29°17	29°26	8°16	8°14	S 24
M25	20 15 37	4° 8'49	0♒29	20°24	8°55	29°31	3°52	7°54	19°41	27°45	5°20	29° 5	29°23	8°23	8°13	M25
T 26	20 19 34	5° 6'06	14°49	22°13	10° 9	0♍ 9	4° 5	7°56	19°40	27°44	5°22	28°54	29°20	8°30	8°12	T 26
W27	20 23 30	6° 3'22	29°21	24° 1	11°23	0°47	4°18	7°57	19°38	27°44	5°23	28°44	29°17	8°36	8°11	W27
T 28	20 27 27	7° 0'39	13♓58	25°46	12°37	1°25	4°31	7°59	19°37	27°43	5°25	28°36	29°13	8°43	8°10	T 28
F 29	20 31 23	7°57'55	28°32	27°29	13°50	2° 3	4°44	8° 1	19°35	27°42	5°26	28°31	29°10	8°50	8° 9	F 29
S 30	20 35 20	8°55'11	12♈59	29°10	15° 4	2°41	4°57	8° 3	19°34	27°41	5°28	28°29	29° 7	8°56	8° 8	S 30
S 31	20 39 17	9♌52'28	27♈15	0♍49	16♌18	3♍19	5♋ 9	8♏ 5	19♐33	27♓40	5♌29	28°D28	29♈ 4	9♎ 3	8♈ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n46	7s54	3s28	22n46	0s28	23n 1	0n 8	17n36	1n16	22n41	0s32	11s34	2n33	22s52	0n 1	1s28	0s43	16n43	2s15	11n50	11n36	0s15	6n34	3n36
S 2	22 41	1 23	2 28	22 56	0 17	22 58	0 10	17 25	1 16	22 41	0 32	11 34	2 32	22 52	0 1	1 28	0 43	16 43	2 15	11 49	11 35	0 19	6 35	3 36
S 3	22 35	5n10	1 18	23 4	0 6	22 55	0 12	17 13	1 15	22 42	0 32	11 34	2 32	22 52	0 1	1 28	0 43	16 42	2 15	11 49	11 34	0 22	6 35	3 36
M 4	22 30	11 27	0 5	23 9	0n 5	22 50	0 15	17 2	1 15	22 42	0 32	11 34	2 32	22 51	0 1	1 28	0 43	16 42	2 15	11 49	11 33	0 25	6 35	3 36
T 5	22 23	17 7	1n 9	23 13	0 15	22 45	0 17	16 50	1 15	22 42	0 32	11 34	2 32	22 51	0 1	1 28	0 43	16 42	2 15	11 49	11 32	0 29	6 35	3 37
W 6	22 17	21 51	2 18	23 14	0 26	22 39	0 19	16 39	1 15	22 42	0 32	11 34	2 31	22 51	0 1	1 29	0 43	16 42	2 15	11 48	11 30	0 32	6 36	3 37
T 7	22 10	25 19	3 18	23 13	0 36	22 33	0 22	16 27	1 15	22 42	0 32	11 34	2 31	22 51	0 1	1 29	0 43	16 41	2 15	11 46	11 29	0 35	6 36	3 37
F 8	22 3	27 15	4 6	23 9	0 45	22 26	0 24	16 15	1 15	22 42	0 32	11 34	2 31	22 51	0 1	1 29	0 43	16 41	2 15	11 44	11 28	0 39	6 36	3 37
S 9	21 55	27 34	4 40	23 2	0 55	22 18	0 26	16 3	1 14	22 42	0 31	11 34	2 31	22 51	0 1	1 29	0 43	16 41	2 15	11 40	11 27	0 42	6 36	3 37
S 10	21 47	26 18	4 57	22 53	1 3	22 9	0 29	15 51	1 14	22 42	0 31	11 35	2 30	22 51	0 1	1 29	0 43	16 41	2 15	11 36	11 26	0 45	6 36	3 37
M11	21 38	23 39	5 0	22 41	1 11	22 0	0 31	15 39	1 14	22 42	0 31	11 35	2 30	22 50	0 1	1 29	0 43	16 40	2 15	11 32	11 25	0 49	6 36	3 37
T 12	21 30	19 54	4 47	22 27	1 19	21 50	0 33	15 27	1 14	22 42	0 31	11 35	2 30	22 50	0 1	1 30	0 43	16 40	2 15	11 27	11 24	0 52	6 36	3 38
W13	21 20	15 21	4 21	22 10	1 25	21 40	0 35	15 14	1 14	22 42	0 31	11 36	2 30	22 50	0 1	1 30	0 43	16 40	2 15	11 24	11 23	0 55	6 36	3 38
T 14	21 11	10 17	3 43	21 50	1 31	21 29	0 37	15 2	1 13	22 42	0 31	11 36	2 29	22 50	0 1	1 30	0 43	16 39	2 14	11 21	11 22	0 59	6 37	3 38
F 15	21 1	4 54	2 56	21 29	1 37	21 18	0 40	14 49	1 13	22 42	0 31	11 36	2 29	22 50	0 1	1 30	0 43	16 39	2 14	11 19	11 21	1 2	6 37	3 38
S 16	20 51	0s36	2 1	21 5	1 41	21 5	0 42	14 37	1 13	22 42	0 31	11 37	2 29	22 50	0 1	1 30	0 43	16 39	2 14	11 18	11 19	1 5	6 37	3 38
S 17	20 40	6 4	1 2	20 39	1 45	20 52	0 44	14 24	1 13	22 42	0 31	11 37	2 29	22 50	0 1	1 31	0 43	16 39	2 14	11 18	11 18	1 9	6 36	3 38
M18	20 29	11 21	0s 1	20 11	1 48	20 39	0 46	14 11	1 13	22 41	0 31	11 38	2 28	22 50	0 1	1 31	0 43	16 38	2 14	11 18	11 17	1 12	6 36	3 38
T 19	20 18	16 17	1 4	19 41	1 50	20 25	0 48	13 58	1 12	22 41	0 31	11 38	2 28	22 49	0 1	1 31	0 43	16 38	2 14	11 18	11 16	1 16	6 36	3 38
W20	20 6	20 39	2 5	19 10	1 51	20 11	0 50	13 45	1 12	22 41	0 31	11 39	2 28	22 49	0 1	1 31	0 43	16 38	2 14	11 17	11 15	1 19	6 36	3 39
T 21	19 54	24 12	3 2	18 38	1 52	19 55	0 52	13 32	1 12	22 41	0 31	11 40	2 27	22 49	0 1	1 32	0 43	16 37	2 14	11 16	11 14	1 22	6 36	3 39
F 22	19 42	26 39	3 51	18 4	1 52	19 40	0 54	13 19	1 12	22 41	0 31	11 40	2 27	22 49	0 1	1 32	0 43	16 37	2 14	11 14	11 13	1 26	6 36	3 39
S 23	19 29	27 41	4 29	17 29	1 51	19 23	0 56	13 6	1 12	22 40	0 31	11 41	2 27	22 49	0 1	1 32	0 43	16 37	2 14	11 11	11 12	1 29	6 36	3 39
S 24	19 16	27 5	4 53	16 53	1 50	19 7	0 57	12 52	1 11	22 40	0 31	11 42	2 27	22 49	0 1	1 33	0 43	16 36	2 14	11 7	11 11	1 32	6 36	3 39
M25	19 3	24 46	5 0	16 16	1 47	18 49	0 59	12 39	1 11	22 40	0 31	11 42	2 26	22 49	0 1	1 33	0 43	16 36	2 14	11 3	11 9	1 36	6 35	3 39
T 26	18 49	20 51	4 49	15 38	1 45	18 31	1 1	12 26	1 11	22 39	0 31	11 43	2 26	22 49	0 1	1 33	0 43	16 36	2 14	10 59	11 8	1 39	6 35	3 39
W27	18 36	15 39	4 19	14 59	1 41	18 13	1 3	12 12	1 11	22 39	0 31	11 44	2 26	22 49	0 1	1 34	0 43	16 36	2 14	10 56	11 7	1 42	6 35	3 39
T 28	18 21	9 31	3 32	14 21	1 37	17 54	1 4	11 59	1 10	22 39	0 31	11 45	2 26	22 48	0 1	1 34	0 43	16 35	2 14	10 53	11 6	1 46	6 35	3 39
F 29	18 7	2 54	2 31	13 41	1 32	17 35	1 6	11 45	1 10	22 38	0 31	11 46	2 25	22 48	0 1	1 34	0 44	16 35	2 14	10 51	11 5	1 49	6 34	3 40
S 30	17 52	3n50	1 21	13 1	1 27	17 15	1 7	11 31	1 10	22 38	0 30	11 47	2 25	22 48	0 1	1 35	0 44	16 35	2 14	10 50	11 4	1 52	6 34	3 40
S 31	17n37	10n18	0s 6	12n21	1n21	16n55	1n 9	11n17	1n10	22n37	0s30	11s48	2n25	22s48	0n 1	1s35	0s44	16n34	2s13	10n50	11n 3	1s56	6n34	3n40

Julian Day Number = 3058394.5, Delta T = 02h30m14s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°01'59, Lahiri = 47°09'00

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

AUGUST 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 43 13	10♌49'45	11♉18	2♍26	17♌32	3♍56	5♋22	8♏ 8	19°R31	27°R39	5♌31	28°R28	29♈ 1	9♎10	8°R 6	M 1
T 2	20 47 10	11°47'02	25° 9	4° 0	18°46	4°34	5°35	8°10	19♐30	27♓38	5°32	28♈28	28°57	9°16	8♈ 5	T 2
W 3	20 51 6	12°44'20	8♊48	5°33	19°59	5°12	5°48	8°12	19°29	27°37	5°34	28°26	28°54	9°23	8° 4	W 3
T 4	20 55 3	13°41'38	22°14	7° 3	21°13	5°50	6° 0	8°15	19°28	27°36	5°35	28°21	28°51	9°29	8° 2	T 4
F 5	20 58 59	14°38'56	5♋28	8°31	22°27	6°28	6°13	8°17	19°27	27°35	5°37	28°13	28°48	9°36	8° 1	F 5
S 6	21 2 56	15°36'15	18°31	9°57	23°41	7° 6	6°25	8°20	19°26	27°34	5°38	28° 4	28°45	9°43	8° 0	S 6
S 7	21 6 53	16°33'34	1♌21	11°21	24°55	7°44	6°38	8°23	19°25	27°33	5°40	27°52	28°42	9°49	7°58	S 7
M 8	21 10 49	17°30'53	13°59	12°42	26° 8	8°22	6°50	8°26	19°24	27°32	5°41	27°40	28°38	9°56	7°57	M 8
T 9	21 14 46	18°28'12	26°25	14° 1	27°22	9° 0	7° 2	8°29	19°23	27°30	5°43	27°28	28°35	10° 3	7°55	T 9
W10	21 18 42	19°25'31	8♍38	15°18	28°36	9°37	7°14	8°32	19°22	27°29	5°44	27°18	28°32	10° 9	7°54	W10
T 11	21 22 39	20°22'50	20°41	16°32	29°50	10°15	7°26	8°35	19°21	27°28	5°46	27°10	28°29	10°16	7°52	T 11
F 12	21 26 35	21°20'10	2♎35	17°44	1♍ 4	10°53	7°39	8°38	19°20	27°27	5°47	27° 5	28°26	10°23	7°50	F 12
S 13	21 30 32	22°17'29	14°23	18°54	2°17	11°31	7°50	8°41	19°20	27°25	5°49	27° 2	28°22	10°29	7°49	S 13
S 14	21 34 28	23°14'49	26°10	20° 0	3°31	12° 9	8° 2	8°45	19°19	27°24	5°50	27°D 1	28°19	10°36	7°47	S 14
M15	21 38 25	24°12'09	8♏ 0	21° 4	4°45	12°47	8°14	8°48	19°18	27°23	5°51	27° 2	28°16	10°43	7°45	M15
T 16	21 42 21	25° 9'29	19°58	22° 6	5°59	13°25	8°26	8°52	19°18	27°22	5°53	27°R 2	28°13	10°49	7°43	T 16
W17	21 46 18	26° 6'50	2♐ 9	23° 4	7°13	14° 3	8°38	8°56	19°17	27°20	5°54	27° 2	28°10	10°56	7°41	W17
T 18	21 50 15	27° 4'10	14°38	23°59	8°26	14°41	8°49	8°59	19°17	27°19	5°56	27° 1	28° 7	11° 3	7°40	T 18
F 19	21 54 11	28° 1'31	27°31	24°52	9°40	15°18	9° 1	9° 3	19°16	27°18	5°57	26°57	28° 3	11° 9	7°38	F 19
S 20	21 58 8	28°58'52	10♑51	25°41	10°54	15°56	9°12	9° 7	19°16	27°16	5°59	26°51	28° 0	11°16	7°36	S 20
S 21	22 2 4	29°56'14	24°38	26°26	12° 8	16°34	9°23	9°11	19°16	27°15	6° 0	26°44	27°57	11°23	7°34	S 21
M22	22 6 1	0♍53'36	8♒51	27° 8	13°21	17°12	9°35	9°15	19°15	27°13	6° 1	26°35	27°54	11°29	7°31	M22
T 23	22 9 57	1°50'58	23°27	27°47	14°35	17°50	9°46	9°19	19°15	27°12	6° 3	26°27	27°51	11°36	7°29	T 23
W24	22 13 54	2°48'21	8♓18	28°21	15°49	18°28	9°57	9°24	19°15	27°11	6° 4	26°20	27°48	11°43	7°27	W24
T 25	22 17 50	3°45'44	23°16	28°51	17° 3	19° 6	10° 8	9°28	19°15	27° 9	6° 6	26°14	27°44	11°49	7°25	T 25
F 26	22 21 47	4°43'08	8♈13	29°17	18°16	19°44	10°19	9°32	19°15	27° 8	6° 7	26°11	27°41	11°56	7°23	F 26
S 27	22 25 44	5°40'34	23° 0	29°39	19°30	20°22	10°29	9°37	19°D15	27° 6	6° 8	26°D 9	27°38	12° 2	7°21	S 27
S 28	22 29 40	6°38'00	7♉31	29°56	20°44	21° 0	10°40	9°41	19°15	27° 5	6°10	26°10	27°35	12° 9	7°18	S 28
M29	22 33 37	7°35'27	21°45	0♎ 8	21°58	21°37	10°51	9°46	19°15	27° 3	6°11	26°11	27°32	12°16	7°16	M29
T 30	22 37 33	8°32'56	5♊38	0°16	23°11	22°15	11° 1	9°51	19°15	27° 2	6°12	26°R11	27°28	12°22	7°14	T 30
W31	22 41 30	9♍30'25	19♊13	0°R18	24♍25	22♍53	11♋11	9♏55	19♐15	27♓ 0	6♌14	26♈11	27♈25	12♎29	7♈11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n22	16n10	1n 8	11n41	1n15	16n34	1n10	11n 3	1n 9	22n37	0s30	11s48	2n25	22s48	0n 1	1s36	0s44	16n34	2s13	10n50	11n 2	1s59	6n33	3n40
T 2	17 6	21 6	2 16	11 1	1 8	16 13	1 12	10 50	1 9	22 36	0 30	11 49	2 24	22 48	0 1	1 36	0 44	16 34	2 13	10 50	11 0	2 3	6 33	3 40
W 3	16 50	24 48	3 16	10 20	1 1	15 51	1 13	10 36	1 9	22 36	0 30	11 50	2 24	22 48	0 1	1 37	0 44	16 33	2 13	10 49	10 59	2 6	6 33	3 40
T 4	16 34	27 4	4 4	9 40	0 53	15 29	1 14	10 21	1 9	22 35	0 30	11 51	2 24	22 48	0 1	1 37	0 44	16 33	2 13	10 48	10 58	2 9	6 32	3 40
F 5	16 18	27 45	4 39	9 0	0 45	15 6	1 16	10 7	1 9	22 35	0 30	11 53	2 24	22 48	0 1	1 37	0 44	16 33	2 13	10 45	10 57	2 13	6 32	3 40
S 6	16 1	26 52	4 58	8 20	0 36	14 43	1 17	9 53	1 8	22 34	0 30	11 54	2 23	22 48	0 1	1 38	0 44	16 32	2 13	10 41	10 56	2 16	6 31	3 40
S 7	15 44	24 35	5 1	7 40	0 27	14 20	1 18	9 39	1 8	22 34	0 30	11 55	2 23	22 48	0 1	1 38	0 44	16 32	2 13	10 37	10 55	2 19	6 31	3 40
M 8	15 27	21 6	4 50	7 0	0 18	13 56	1 19	9 25	1 8	22 33	0 30	11 56	2 23	22 48	0 1	1 39	0 44	16 32	2 13	10 33	10 54	2 23	6 30	3 41
T 9	15 9	16 45	4 25	6 21	0 8	13 32	1 20	9 10	1 8	22 32	0 30	11 57	2 23	22 47	0 1	1 39	0 44	16 32	2 13	10 29	10 53	2 26	6 30	3 41
W10	14 52	11 47	3 48	5 43	0s 2	13 8	1 21	8 56	1 7	22 32	0 30	11 58	2 22	22 47	0 1	1 40	0 44	16 31	2 13	10 25	10 52	2 29	6 29	3 41
T 11	14 34	6 26	3 1	5 4	0 13	12 43	1 22	8 42	1 7	22 31	0 30	11 59	2 22	22 47	0 1	1 40	0 44	16 31	2 13	10 23	10 50	2 33	6 29	3 41
F 12	14 16	0 55	2 7	4 27	0 23	12 18	1 23	8 27	1 7	22 31	0 30	12 1	2 22	22 47	0 1	1 41	0 44	16 31	2 13	10 21	10 49	2 36	6 28	3 41
S 13	13 58	4s36	1 7	3 50	0 34	11 52	1 24	8 12	1 6	22 30	0 30	12 2	2 22	22 47	0 1	1 41	0 44	16 30	2 13	10 20	10 48	2 39	6 28	3 41
S 14	13 39	9 57	0 5	3 13	0 46	11 26	1 24	7 58	1 6	22 29	0 30	12 3	2 21	22 47	0 1	1 42	0 44	16 30	2 13	10 19	10 47	2 43	6 27	3 41
M15	13 20	14 58	0s58	2 38	0 57	11 0	1 25	7 43	1 6	22 29	0 30	12 5	2 21	22 47	0 1	1 42	0 44	16 30	2 13	10 19	10 46	2 46	6 26	3 41
T 16	13 1	19 30	2 0	2 3	1 9	10 34	1 26	7 29	1 6	22 28	0 30	12 6	2 21	22 47	0 1	1 43	0 44	16 29	2 13	10 20	10 45	2 50	6 26	3 41
W17	12 42	23 17	2 57	1 29	1 21	10 7	1 26	7 14	1 5	22 27	0 30	12 7	2 21	22 47	0 1	1 43	0 44	16 29	2 13	10 20	10 44	2 53	6 25	3 41
T 18	12 23	26 6	3 46	0 57	1 33	9 40	1 27	6 59	1 5	22 26	0 30	12 9	2 20	22 47	0 1	1 44	0 44	16 29	2 13	10 19	10 43	2 56	6 24	3 41
F 19	12 3	27 39	4 27	0 25	1 45	9 13	1 27	6 44	1 5	22 26	0 30	12 10	2 20	22 47	0 1	1 45	0 44	16 28	2 13	10 18	10 41	3 0	6 24	3 41
S 20	11 44	27 40	4 54	0s 6	1 57	8 46	1 27	6 30	1 5	22 25	0 30	12 12	2 20	22 47	0 1	1 45	0 44	16 28	2 13	10 16	10 40	3 3	6 23	3 41
S 21	11 24	26 1	5 5	0 35	2 10	8 18	1 28	6 15	1 4	22 24	0 30	12 13	2 20	22 47	0 1	1 46	0 44	16 28	2 13	10 13	10 39	3 6	6 22	3 42
M22	11 4	22 41	4 59	1 3	2 22	7 50	1 28	6 0	1 4	22 23	0 30	12 15	2 20	22 47	0 1	1 46	0 44	16 28	2 13	10 10	10 38	3 10	6 21	3 42
T 23	10 43	17 53	4 33	1 29	2 35	7 22	1 28	5 45	1 4	22 23	0 30	12 16	2 19	22 47	0 1	1 47	0 44	16 27	2 12	10 7	10 37	3 13	6 21	3 42
W24	10 23	11 55	3 48	1 54	2 47	6 54	1 28	5 30	1 3	22 22	0 30	12 18	2 19	22 47	0 1	1 47	0 44	16 27	2 12	10 4	10 36	3 16	6 20	3 42
T 25	10 2	5 13	2 47	2 18	2 59	6 26	1 28	5 15	1 3	22 21	0 30	12 19	2 19	22 47	0 1	1 48	0 44	16 27	2 12	10 2	10 35	3 20	6 19	3 42
F 26	9 42	1n46	1 35	2 39	3 11	5 57	1 28	5 0	1 3	22 20	0 30	12 21	2 19	22 47	0 1	1 49	0 44	16 26	2 12	10 1	10 34	3 23	6 18	3 42
S 27	9 21	8 36	0 17	2 58	3 23	5 28	1 28	4 45	1 3	22 20	0 30	12 22	2 18	22 47	0 1	1 49	0 44	16 26	2 12	10 1	10 32	3 26	6 17	3 42
S 28	9 0	14 52	1n 1	3 16	3 35	4 59	1 28	4 30	1 2	22 19	0 30	12 24	2 18	22 47	0 1	1 50	0 44	16 26	2 12	10 1	10 31	3 30	6 17	3 42
M29	8 39	20 12	2 14	3 31	3 46	4 30	1 27	4 15	1 2	22 18	0 30	12 26	2 18	22 47	0 1	1 50	0 44	16 25	2 12	10 1	10 30	3 33	6 16	3 42
T 30	8 18	24 17	3 17	3 43	3 56	4 1	1 27	4 0	1 2	22 17	0 30	12 27	2 18	22 47	0 1	1 51	0 44	16 25	2 12	10 1	10 29	3 37	6 15	3 42
W31	7n56	26n54	4n 7	3s54	4s 7	3n32	1n27	3n44	1n 1	22n16	0s30	12s29	2n18	22s47	0n 1	1s52	0s44	16n25	2s12	10n 1	10n28	3s40	6n14	3n42

Julian Day Number = 3058425.5, Delta T = 02h30m14s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'04, Lahiri = 47°09'04

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

SEPTEMBER 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 45 26	10♍27'56	2♋29	0°R15	25♍39	23♍31	11♋22	10♏ 0	19♐16	26°R58	6♑15	26°R 9	27♈22	12♎36	7°R 9	T 1
F 2	22 49 23	11°25'28	15°29	0♎ 7	26°53	24° 9	11°32	10° 5	19°16	26♓57	6°16	26♈ 5	27°19	12°42	7♈ 7	F 2
S 3	22 53 19	12°23'01	28°15	29♍53	28° 6	24°47	11°42	10°10	19°16	26°55	6°18	25°59	27°16	12°49	7° 4	S 3
S 4	22 57 16	13°20'36	10♑48	29°34	29°20	25°25	11°52	10°15	19°17	26°54	6°19	25°52	27°13	12°56	7° 2	S 4
M 5	23 1 13	14°18'11	23° 9	29°10	0♎34	26° 3	12° 2	10°20	19°17	26°52	6°20	25°44	27° 9	13° 2	6°59	M 5
T 6	23 5 9	15°15'47	5♍20	28°40	1°48	26°41	12°11	10°25	19°18	26°51	6°21	25°37	27° 6	13° 9	6°57	T 6
W 7	23 9 6	16°13'25	17°22	28° 6	3° 1	27°19	12°21	10°31	19°18	26°49	6°22	25°31	27° 3	13°16	6°54	W 7
T 8	23 13 2	17°11'03	29°17	27°27	4°15	27°57	12°31	10°36	19°19	26°47	6°24	25°26	27° 0	13°22	6°52	T 8
F 9	23 16 59	18° 8'43	11♎ 7	26°45	5°29	28°35	12°40	10°41	19°20	26°46	6°25	25°23	26°57	13°29	6°49	F 9
S 10	23 20 55	19° 6'23	22°53	25°59	6°42	29°13	12°49	10°47	19°20	26°44	6°26	25°D22	26°54	13°36	6°46	S 10
S 11	23 24 52	20° 4'05	4♏40	25°10	7°56	29°51	12°58	10°52	19°21	26°42	6°27	25°23	26°50	13°42	6°44	S 11
M12	23 28 48	21° 1'48	16°30	24°20	9°10	0♎29	13° 7	10°58	19°22	26°41	6°28	25°24	26°47	13°49	6°41	M12
T 13	23 32 45	21°59'31	28°28	23°28	10°23	1° 7	13°16	11° 4	19°23	26°39	6°29	25°26	26°44	13°55	6°38	T 13
W14	23 36 42	22°57'16	10♐39	22°37	11°37	1°45	13°25	11° 9	19°24	26°38	6°31	25°27	26°41	14° 2	6°36	W14
T 15	23 40 38	23°55'01	23° 7	21°46	12°51	2°23	13°34	11°15	19°25	26°36	6°32	25°R28	26°38	14° 9	6°33	T 15
F 16	23 44 35	24°52'48	5♑56	20°58	14° 4	3° 1	13°42	11°21	19°26	26°34	6°33	25°27	26°34	14°15	6°30	F 16
S 17	23 48 31	25°50'36	19°11	20°12	15°18	3°39	13°50	11°27	19°27	26°33	6°34	25°25	26°31	14°22	6°28	S 17
S 18	23 52 28	26°48'24	2♒54	19°31	16°32	4°17	13°59	11°33	19°28	26°31	6°35	25°22	26°28	14°29	6°25	S 18
M19	23 56 24	27°46'14	17° 5	18°55	17°45	4°55	14° 7	11°39	19°29	26°29	6°36	25°19	26°25	14°35	6°22	M19
T 20	0 0 21	28°44'05	1♓42	18°25	18°59	5°34	14°15	11°45	19°30	26°28	6°37	25°15	26°22	14°42	6°19	T 20
W21	0 4 17	29°41'57	16°38	18° 1	20°13	6°12	14°23	11°51	19°32	26°26	6°38	25°12	26°19	14°49	6°17	W21
T 22	0 8 14	0♎39'50	1♈47	17°45	21°26	6°50	14°30	11°57	19°33	26°24	6°39	25° 9	26°15	14°55	6°14	T 22
F 23	0 12 11	1°37'45	16°58	17°36	22°40	7°28	14°38	12° 3	19°34	26°23	6°40	25° 8	26°12	15° 2	6°11	F 23
S 24	0 16 7	2°35'41	2♉ 3	17°D35	23°53	8° 6	14°45	12° 9	19°36	26°21	6°41	25°D 8	26° 9	15° 9	6° 8	S 24
S 25	0 20 4	3°33'39	16°52	17°43	25° 7	8°44	14°52	12°15	19°37	26°20	6°42	25° 9	26° 6	15°15	6° 5	S 25
M26	0 24 0	4°31'39	1♊21	17°59	26°20	9°22	15° 0	12°22	19°39	26°18	6°43	25°10	26° 3	15°22	6° 3	M26
T 27	0 27 57	5°29'41	15°25	18°23	27°34	10° 0	15° 7	12°28	19°41	26°16	6°44	25°11	26° 0	15°29	6° 0	T 27
W28	0 31 53	6°27'44	29° 5	18°55	28°47	10°39	15°13	12°35	19°42	26°15	6°44	25°12	25°56	15°35	5°57	W28
T 29	0 35 50	7°25'49	12♋21	19°36	0♏ 1	11°17	15°20	12°41	19°44	26°13	6°45	25°R12	25°53	15°42	5°54	T 29
F 30	0 39 46	8♎23'56	25♋16	20♍25	1♏14	11♎55	15♋27	12♏47	19♐46	26♓11	6♑46	25♈11	25♈50	15♎48	5♈52	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n35	27n55	4n43	4s 1	4s16	3n 2	1n26	3n29	1n 1	22n15	0s29	12s31	2n17	22s47	0n 1	1s52	0s44	16n25	2s12	10n 1	10n27	3s43	6n13	3n42
F 2	7 13	27 22	5 4	4 6	4 25	2 33	1 26	3 14	1 1	22 15	0 29	12 32	2 17	22 47	0 1	1 53	0 44	16 24	2 12	9 59	10 26	3 47	6 12	3 42
S 3	6 51	25 22	5 9	4 7	4 32	2 3	1 25	2 59	1 0	22 14	0 29	12 34	2 17	22 47	0 1	1 54	0 44	16 24	2 12	9 57	10 24	3 50	6 11	3 42
S 4	6 29	22 9	4 59	4 6	4 39	1 33	1 24	2 44	1 0	22 13	0 29	12 36	2 17	22 47	0 1	1 54	0 44	16 24	2 12	9 54	10 23	3 53	6 10	3 42
M 5	6 8	18 0	4 35	4 2	4 45	1 3	1 24	2 28	1 0	22 12	0 29	12 38	2 17	22 47	0 1	1 55	0 44	16 23	2 12	9 52	10 22	3 57	6 9	3 42
T 6	5 45	13 10	3 58	3 54	4 49	0 34	1 23	2 13	1 0	22 11	0 29	12 39	2 16	22 47	0 1	1 55	0 44	16 23	2 12	9 49	10 21	4 0	6 8	3 42
W 7	5 23	7 54	3 12	3 43	4 52	0 4	1 22	1 58	0 59	22 10	0 29	12 41	2 16	22 47	0 1	1 56	0 44	16 23	2 12	9 47	10 20	4 3	6 7	3 42
T 8	5 1	2 23	2 17	3 29	4 53	0s26	1 21	1 43	0 59	22 10	0 29	12 43	2 16	22 48	0 1	1 57	0 44	16 23	2 12	9 45	10 19	4 7	6 6	3 42
F 9	4 39	3s11	1 17	3 12	4 52	0 56	1 20	1 27	0 59	22 9	0 29	12 45	2 16	22 48	0 1	1 57	0 44	16 22	2 12	9 44	10 18	4 10	6 5	3 42
S 10	4 16	8 37	0 14	2 51	4 50	1 26	1 19	1 12	0 58	22 8	0 29	12 47	2 16	22 48	0 1	1 58	0 44	16 22	2 12	9 44	10 17	4 13	6 4	3 42
S 11	3 54	13 45	0s51	2 29	4 46	1 56	1 18	0 57	0 58	22 7	0 29	12 48	2 16	22 48	0 1	1 59	0 44	16 22	2 12	9 44	10 15	4 17	6 3	3 42
M12	3 32	18 26	1 53	2 3	4 40	2 26	1 17	0 42	0 58	22 6	0 29	12 50	2 15	22 48	0 1	1 59	0 44	16 22	2 12	9 44	10 14	4 20	6 2	3 42
T 13	3 9	22 26	2 51	1 36	4 32	2 55	1 15	0 26	0 57	22 5	0 29	12 52	2 15	22 48	0 1	2 0	0 44	16 21	2 12	9 45	10 13	4 23	6 1	3 42
W14	2 46	25 31	3 43	1 7	4 22	3 25	1 14	0 11	0 57	22 4	0 29	12 54	2 15	22 48	0 1	2 1	0 44	16 21	2 12	9 45	10 12	4 27	6 0	3 42
T 15	2 24	27 28	4 25	0 37	4 11	3 55	1 13	0s 4	0 57	22 4	0 29	12 56	2 15	22 48	0 1	2 1	0 44	16 21	2 12	9 46	10 11	4 30	5 59	3 42
F 16	2 1	28 1	4 56	0 6	3 58	4 25	1 11	0 20	0 56	22 3	0 29	12 58	2 15	22 48	0 1	2 2	0 44	16 21	2 12	9 45	10 10	4 33	5 58	3 42
S 17	1 38	27 1	5 12	0n25	3 43	4 54	1 10	0 35	0 56	22 2	0 29	13 0	2 14	22 48	0 1	2 3	0 44	16 20	2 12	9 45	10 9	4 37	5 57	3 42
S 18	1 16	24 23	5 11	0 56	3 27	5 24	1 8	0 50	0 56	22 1	0 29	13 2	2 14	22 48	0 1	2 3	0 45	16 20	2 12	9 44	10 7	4 40	5 55	3 42
M19	0 53	20 12	4 52	1 25	3 10	5 53	1 6	1 6	0 55	22 0	0 29	13 4	2 14	22 48	0 1	2 4	0 45	16 20	2 12	9 42	10 6	4 43	5 54	3 42
T 20	0 30	14 43	4 13	1 53	2 53	6 22	1 5	1 21	0 55	21 59	0 29	13 6	2 14	22 49	0 1	2 5	0 45	16 20	2 12	9 41	10 5	4 47	5 53	3 42
W21	0 7	8 15	3 16	2 20	2 34	6 51	1 3	1 36	0 55	21 59	0 29	13 8	2 14	22 49	0 1	2 5	0 45	16 19	2 12	9 40	10 4	4 50	5 52	3 42
T 22	0s16	1 13	2 5	2 43	2 15	7 20	1 1	1 51	0 54	21 58	0 29	13 10	2 14	22 49	0 0	2 6	0 45	16 19	2 12	9 39	10 3	4 54	5 51	3 42
F 23	0 39	5n55	0 45	3 4	1 56	7 49	0 59	2 7	0 54	21 57	0 29	13 12	2 14	22 49	0 0	2 7	0 45	16 19	2 12	9 39	10 2	4 57	5 50	3 42
S 24	1 1	12 41	0n38	3 22	1 37	8 18	0 57	2 22	0 54	21 56	0 29	13 14	2 13	22 49	0 0	2 7	0 45	16 19	2 12	9 39	10 1	5 0	5 49	3 42
S 25	1 24	18 36	1 57	3 37	1 18	8 46	0 55	2 37	0 53	21 56	0 29	13 16	2 13	22 49	0 0	2 8	0 45	16 18	2 12	9 39	9 59	5 4	5 48	3 41
M26	1 47	23 18	3 7	3 48	1 0	9 15	0 53	2 52	0 53	21 55	0 29	13 18	2 13	22 49	0 0	2 8	0 45	16 18	2 12	9 39	9 58	5 7	5 46	3 41
T 27	2 10	26 28	4 3	3 55	0 42	9 43	0 51	3 7	0 53	21 54	0 29	13 20	2 13	22 49	0 0	2 9	0 45	16 18	2 12	9 40	9 57	5 10	5 45	3 41
W28	2 33	27 57	4 44	3 58	0 25	10 11	0 49	3 22	0 52	21 53	0 29	13 22	2 13	22 50	0 0	2 10	0 45	16 18	2 12	9 40	9 56	5 14	5 44	3 41
T 29	2 55	27 46	5 8	3 57	0 8	10 39	0 47	3 38	0 52	21 53	0 29	13 24	2 13	22 50	0 0	2 10	0 45	16 18	2 12	9 40	9 55	5 17	5 43	3 41
F 30	3s18	26n 4	5n16	3n53	0n 7	11s 6	0n45	3s53	0n52	21n52	0s29	13s26	2n13	22s50	0n 0	2s11	0s45	16n17	2s12	9n40	9n54	5s20	5n42	3n41

Julian Day Number = 3058456.5, Delta T = 02h30m15s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'08, Lahiri = 47°09'08

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

OCTOBER 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 43 43	9♎22'05	7♌53	21♍21	2♏28	12♎33	15♋33	12♏54	19♐47	26°R10	6♌47	25°R10	25♈47	15♎55	5°R49	S 1
S 2	0 47 40	10°20'16	20°14	22°24	3°41	13°11	15°39	13° 1	19°49	26♓ 8	6°48	25♈ 8	25°44	16° 2	5♈46	S 2
M 3	0 51 36	11°18'29	2♍24	23°34	4°55	13°50	15°45	13° 7	19°51	26° 7	6°49	25° 6	25°40	16° 8	5°43	M 3
T 4	0 55 33	12°16'43	14°24	24°51	6° 8	14°28	15°51	13°14	19°53	26° 5	6°49	25° 4	25°37	16°15	5°40	T 4
W 5	0 59 29	13°14'59	26°17	26°13	7°22	15° 6	15°57	13°21	19°55	26° 4	6°50	25° 2	25°34	16°22	5°38	W 5
T 6	1 3 26	14°13'17	8♎ 6	27°40	8°35	15°45	16° 2	13°27	19°57	26° 2	6°51	25° 1	25°31	16°28	5°35	T 6
F 7	1 7 22	15°11'36	19°53	29°12	9°49	16°23	16° 8	13°34	19°59	26° 1	6°51	25°D 1	25°28	16°35	5°32	F 7
S 8	1 11 19	16° 9'57	1♏41	0♎48	11° 2	17° 1	16°13	13°41	20° 1	25°59	6°52	25° 1	25°25	16°42	5°29	S 8
S 9	1 15 15	17° 8'20	13°31	2°27	12°16	17°40	16°18	13°48	20° 3	25°58	6°53	25° 1	25°21	16°48	5°27	S 9
M10	1 19 12	18° 6'45	25°26	4° 9	13°29	18°18	16°23	13°55	20° 5	25°56	6°53	25° 2	25°18	16°55	5°24	M10
T 11	1 23 8	19° 5'11	7♐29	5°54	14°42	18°56	16°27	14° 2	20° 7	25°55	6°54	25° 3	25°15	17° 2	5°21	T 11
W12	1 27 5	20° 3'39	19°43	7°41	15°56	19°35	16°32	14° 9	20°10	25°53	6°55	25° 3	25°12	17° 8	5°19	W12
T 13	1 31 2	21° 2'09	2♑13	9°29	17° 9	20°13	16°36	14°16	20°12	25°52	6°55	25° 4	25° 9	17°15	5°16	T 13
F 14	1 34 58	22° 0'40	15° 0	11°19	18°22	20°51	16°40	14°23	20°14	25°50	6°56	25° 4	25° 5	17°22	5°13	F 14
S 15	1 38 55	22°59'12	28°10	13° 9	19°36	21°30	16°44	14°30	20°17	25°49	6°56	25°R 4	25° 2	17°28	5°11	S 15
S 16	1 42 51	23°57'46	11♒44	15° 0	20°49	22° 8	16°48	14°37	20°19	25°47	6°57	25° 4	24°59	17°35	5° 8	S 16
M17	1 46 48	24°56'21	25°44	16°51	22° 2	22°47	16°52	14°44	20°22	25°46	6°57	25°D 4	24°56	17°41	5° 6	M17
T 18	1 50 44	25°54'58	10♓ 9	18°43	23°16	23°25	16°55	14°51	20°24	25°45	6°58	25° 4	24°53	17°48	5° 3	T 18
W19	1 54 41	26°53'37	24°56	20°34	24°29	24° 4	16°58	14°58	20°27	25°43	6°58	25° 4	24°50	17°55	5° 1	W19
T 20	1 58 37	27°52'17	9♈59	22°24	25°42	24°42	17° 1	15° 5	20°29	25°42	6°58	25° 4	24°46	18° 1	4°58	T 20
F 21	2 2 34	28°50'59	25°10	24°15	26°55	25°21	17° 4	15°12	20°32	25°41	6°59	25°R 4	24°43	18° 8	4°56	F 21
S 22	2 6 31	29°49'43	10♉20	26° 4	28° 9	25°59	17° 7	15°20	20°35	25°39	6°59	25° 4	24°40	18°15	4°53	S 22
S 23	2 10 27	0♏48'29	25°20	27°54	29°22	26°38	17° 9	15°27	20°37	25°38	7° 0	25° 4	24°37	18°21	4°51	S 23
M24	2 14 24	1°47'17	10♊ 1	29°42	0♐35	27°16	17°12	15°34	20°40	25°37	7° 0	25° 3	24°34	18°28	4°48	M24
T 25	2 18 20	2°46'08	24°18	1♏30	1°48	27°55	17°14	15°41	20°43	25°36	7° 0	25° 2	24°31	18°35	4°46	T 25
W26	2 22 17	3°45'00	8♋ 7	3°17	3° 1	28°33	17°16	15°48	20°46	25°34	7° 0	25° 1	24°27	18°41	4°44	W26
T 27	2 26 13	4°43'55	21°30	5° 3	4°15	29°12	17°17	15°56	20°48	25°33	7° 1	25° 0	24°24	18°48	4°41	T 27
F 28	2 30 10	5°42'51	4♌28	6°48	5°28	29°51	17°19	16° 3	20°51	25°32	7° 1	25°D 0	24°21	18°55	4°39	F 28
S 29	2 34 6	6°41'50	17° 3	8°33	6°41	0♏29	17°20	16°10	20°54	25°31	7° 1	25° 0	24°18	19° 1	4°37	S 29
S 30	2 38 3	7°40'51	29°20	10°16	7°54	1° 8	17°21	16°18	20°57	25°30	7° 1	25° 1	24°15	19° 8	4°34	S 30
M31	2 42 0	8♏39'55	11♍23	11♏59	9♐ 7	1♏47	17♋22	16♏25	21♐ 0	25♓29	7♌ 1	25♈ 2	24♈11	19♎14	4♈32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s41	23n 6	5n 8	3n44	0n22	11s33	0n43	4s 8	0n51	21n51	0s29	13s28	2n12	22s50	0n 0	2s12	0s45	16n17	2s12	9n39	9n53	5s24	5n41	3n41
S 2	4 3	19 8	4 46	3 32	0 35	12 0	0 40	4 23	0 51	21 50	0 29	13 30	2 12	22 50	0 0	2 12	0 45	16 17	2 12	9 39	9 51	5 27	5 39	3 41
M 3	4 26	14 27	4 12	3 16	0 48	12 27	0 38	4 38	0 50	21 50	0 29	13 32	2 12	22 50	0 0	2 13	0 45	16 17	2 12	9 38	9 50	5 30	5 38	3 41
T 4	4 49	9 16	3 27	2 56	0 59	12 53	0 35	4 53	0 50	21 49	0 29	13 34	2 12	22 50	0 0	2 14	0 45	16 17	2 12	9 37	9 49	5 34	5 37	3 41
W 5	5 11	3 48	2 33	2 33	1 9	13 20	0 33	5 8	0 50	21 48	0 29	13 36	2 12	22 51	0 0	2 14	0 45	16 17	2 12	9 37	9 48	5 37	5 36	3 41
T 6	5 34	1s46	1 32	2 7	1 18	13 45	0 31	5 23	0 49	21 48	0 29	13 38	2 12	22 51	0 0	2 15	0 45	16 16	2 12	9 36	9 47	5 40	5 35	3 40
F 7	5 56	7 16	0 28	1 38	1 26	14 11	0 28	5 38	0 49	21 47	0 29	13 40	2 12	22 51	0 0	2 15	0 45	16 16	2 12	9 36	9 46	5 44	5 33	3 40
S 8	6 18	12 32	0s37	1 6	1 33	14 36	0 25	5 53	0 49	21 47	0 29	13 43	2 12	22 51	0 0	2 16	0 45	16 16	2 12	9 36	9 45	5 47	5 32	3 40
S 9	6 40	17 22	1 41	0 32	1 38	15 1	0 23	6 8	0 48	21 46	0 29	13 45	2 12	22 51	0 0	2 17	0 45	16 16	2 12	9 36	9 43	5 50	5 31	3 40
M10	7 3	21 33	2 41	0s 4	1 42	15 25	0 20	6 22	0 48	21 45	0 29	13 47	2 11	22 51	0 0	2 17	0 45	16 16	2 12	9 36	9 42	5 54	5 30	3 40
T 11	7 25	24 54	3 35	0 42	1 46	15 50	0 18	6 37	0 47	21 45	0 29	13 49	2 11	22 52	0 0	2 18	0 45	16 16	2 12	9 37	9 41	5 57	5 29	3 40
W12	7 47	27 9	4 20	1 22	1 48	16 13	0 15	6 52	0 47	21 44	0 29	13 51	2 11	22 52	0 0	2 18	0 45	16 15	2 12	9 37	9 40	6 0	5 28	3 40
T 13	8 8	28 6	4 53	2 3	1 50	16 37	0 12	7 7	0 47	21 44	0 29	13 53	2 11	22 52	0 0	2 19	0 45	16 15	2 12	9 37	9 39	6 4	5 26	3 40
F 14	8 30	27 35	5 13	2 45	1 50	17 0	0 9	7 21	0 46	21 43	0 29	13 55	2 11	22 52	0 0	2 19	0 45	16 15	2 12	9 37	9 38	6 7	5 25	3 39
S 15	8 52	25 32	5 17	3 27	1 50	17 22	0 7	7 36	0 46	21 43	0 29	13 57	2 11	22 52	0 0	2 20	0 45	16 15	2 12	9 37	9 37	6 10	5 24	3 39
S 16	9 13	21 59	5 5	4 11	1 49	17 44	0 4	7 50	0 46	21 42	0 29	13 59	2 11	22 52	0 0	2 21	0 45	16 15	2 12	9 37	9 35	6 14	5 23	3 39
M17	9 34	17 7	4 34	4 54	1 48	18 6	0 1	8 5	0 45	21 42	0 29	14 2	2 11	22 53	0 0	2 21	0 45	16 15	2 12	9 37	9 34	6 17	5 22	3 39
T 18	9 56	11 10	3 45	5 38	1 45	18 27	0s 2	8 19	0 45	21 42	0 29	14 4	2 11	22 53	0 0	2 22	0 45	16 15	2 12	9 37	9 33	6 20	5 21	3 39
W19	10 17	4 27	2 40	6 22	1 43	18 48	0 5	8 34	0 44	21 41	0 29	14 6	2 11	22 53	0 0	2 22	0 45	16 15	2 12	9 37	9 32	6 24	5 19	3 39
T 20	10 37	2n39	1 23	7 7	1 39	19 8	0 8	8 48	0 44	21 41	0 29	14 8	2 11	22 53	0 0	2 23	0 45	16 15	2 12	9 37	9 31	6 27	5 18	3 39
F 21	10 58	9 40	0n 1	7 50	1 35	19 28	0 10	9 3	0 44	21 41	0 29	14 10	2 11	22 53	0 0	2 23	0 45	16 14	2 11	9 37	9 30	6 30	5 17	3 38
S 22	11 19	16 7	1 24	8 34	1 31	19 47	0 13	9 17	0 43	21 40	0 29	14 12	2 11	22 54	0 0	2 24	0 45	16 14	2 11	9 37	9 28	6 33	5 16	3 38
S 23	11 39	21 31	2 40	9 17	1 26	20 6	0 16	9 31	0 43	21 40	0 29	14 14	2 10	22 54	0 0	2 24	0 45	16 14	2 11	9 37	9 27	6 37	5 15	3 38
M24	11 59	25 27	3 45	10 0	1 21	20 24	0 19	9 45	0 42	21 40	0 29	14 16	2 10	22 54	0 0	2 25	0 45	16 14	2 11	9 37	9 26	6 40	5 14	3 38
T 25	12 20	27 39	4 33	10 42	1 16	20 42	0 22	9 59	0 42	21 39	0 29	14 19	2 10	22 54	0 0	2 25	0 45	16 14	2 11	9 36	9 25	6 43	5 13	3 38
W26	12 39	28 2	5 4	11 23	1 11	20 59	0 25	10 13	0 42	21 39	0 29	14 21	2 10	22 54	0 0	2 26	0 45	16 14	2 11	9 36	9 24	6 47	5 12	3 38
T 27	12 59	26 44	5 17	12 4	1 5	21 16	0 28	10 27	0 41	21 39	0 29	14 23	2 10	22 55	0 0	2 26	0 45	16 14	2 11	9 36	9 23	6 50	5 11	3 37
F 28	13 19	24 3	5 13	12 45	0 59	21 32	0 31	10 41	0 41	21 39	0 28	14 25	2 10	22 55	0 0	2 27	0 45	16 14	2 11	9 36	9 22	6 53	5 10	3 37
S 29	13 38	20 16	4 54	13 24	0 52	21 47	0 34	10 55	0 40	21 39	0 28	14 27	2 10	22 55	0 0	2 27	0 45	16 14	2 11	9 36	9 20	6 57	5 8	3 37
S 30	13 57	15 42	4 22	14 3	0 46	22 2	0 37	11 9	0 40	21 39	0 28	14 29	2 10	22 55	0 0	2 27	0 45	16 14	2 11	9 36	9 19	7 0	5 7	3 37
M31	14s16	10n37	3n39	14s40	0n39	22s17	0s40	11s22	0n39	21n38	0s28	14s31	2n10	22s55	0n 0	2s28	0s44	16n14	2s11	9n36	9n18	7s 3	5n 6	3n37

Julian Day Number = 3058486.5, Delta T = 02h30m16s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'12, Lahiri = 47°09'12

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

NOVEMBER 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 45 56	9♏39'00	23♍17	13♏41	10♐20	2♏26	17♋23	16♏32	21♐ 3	25°R28	7♌ 2	25♈ 4	24♈ 8	19♎21	4°R30	T 1
W 2	2 49 53	10°38'07	5♎ 6	15°23	11°33	3° 4	17°24	16°40	21° 6	25♓26	7° 2	25° 5	24° 5	19°28	4♈28	W 2
T 3	2 53 49	11°37'17	16°53	17° 3	12°46	3°43	17°24	16°47	21° 9	25°25	7° 2	25° 6	24° 2	19°34	4°26	T 3
F 4	2 57 46	12°36'29	28°40	18°43	13°59	4°22	17°R24	16°55	21°12	25°24	7° 2	25°R 6	23°59	19°41	4°24	F 4
S 5	3 1 42	13°35'43	10♏32	20°22	15°12	5° 1	17°24	17° 2	21°15	25°23	7° 2	25° 5	23°56	19°48	4°22	S 5
S 6	3 5 39	14°34'58	22°29	22° 0	16°25	5°39	17°24	17° 9	21°18	25°23	7°R 2	25° 3	23°52	19°54	4°20	S 6
M 7	3 9 35	15°34'16	4♐35	23°38	17°38	6°18	17°23	17°17	21°22	25°22	7° 2	25° 1	23°49	20° 1	4°18	M 7
T 8	3 13 32	16°33'36	16°49	25°14	18°51	6°57	17°22	17°24	21°25	25°21	7° 2	24°57	23°46	20° 8	4°16	T 8
W 9	3 17 29	17°32'57	29°15	26°51	20° 4	7°36	17°22	17°31	21°28	25°20	7° 2	24°54	23°43	20°14	4°14	W 9
T 10	3 21 25	18°32'20	11♑54	28°26	21°17	8°15	17°20	17°39	21°31	25°19	7° 2	24°50	23°40	20°21	4°13	T 10
F 11	3 25 22	19°31'46	24°47	0♐ 1	22°30	8°54	17°19	17°46	21°35	25°18	7° 1	24°47	23°37	20°28	4°11	F 11
S 12	3 29 18	20°31'12	7♒57	1°35	23°43	9°33	17°18	17°54	21°38	25°18	7° 1	24°46	23°33	20°34	4° 9	S 12
S 13	3 33 15	21°30'40	21°26	3° 8	24°56	10°12	17°16	18° 1	21°41	25°17	7° 1	24°D45	23°30	20°41	4° 7	S 13
M14	3 37 11	22°30'10	5♓14	4°41	26° 8	10°51	17°14	18° 8	21°45	25°16	7° 1	24°45	23°27	20°48	4° 6	M14
T 15	3 41 8	23°29'42	19°22	6°14	27°21	11°30	17°12	18°16	21°48	25°15	7° 1	24°47	23°24	20°54	4° 4	T 15
W16	3 45 4	24°29'15	3♈50	7°45	28°34	12° 9	17°10	18°23	21°51	25°15	7° 1	24°48	23°21	21° 1	4° 3	W16
T 17	3 49 1	25°28'50	18°34	9°16	29°47	12°48	17° 7	18°30	21°55	25°14	7° 0	24°R49	23°17	21° 7	4° 1	T 17
F 18	3 52 58	26°28'26	3♉29	10°47	1♑ 0	13°27	17° 4	18°38	21°58	25°13	7° 0	24°49	23°14	21°14	4° 0	F 18
S 19	3 56 54	27°28'04	18°28	12°17	2°12	14° 6	17° 2	18°45	22° 2	25°13	7° 0	24°47	23°11	21°21	3°59	S 19
S 20	4 0 51	28°27'45	3♊22	13°46	3°25	14°45	16°58	18°52	22° 5	25°12	6°59	24°44	23° 8	21°27	3°57	S 20
M21	4 4 47	29°27'27	18° 4	15°15	4°38	15°24	16°55	19° 0	22° 9	25°12	6°59	24°39	23° 5	21°34	3°56	M21
T 22	4 8 44	0♐27'11	2♋26	16°43	5°50	16° 3	16°52	19° 7	22°12	25°11	6°59	24°34	23° 2	21°41	3°55	T 22
W23	4 12 40	1°26'58	16°22	18°11	7° 3	16°43	16°48	19°14	22°16	25°11	6°58	24°28	22°58	21°47	3°54	W23
T 24	4 16 37	2°26'46	29°52	19°38	8°15	17°22	16°44	19°22	22°19	25°11	6°58	24°23	22°55	21°54	3°52	T 24
F 25	4 20 33	3°26'36	12♌55	21° 4	9°28	18° 1	16°40	19°29	22°23	25°10	6°57	24°19	22°52	22° 1	3°51	F 25
S 26	4 24 30	4°26'29	25°33	22°30	10°40	18°40	16°36	19°36	22°26	25°10	6°57	24°17	22°49	22° 7	3°50	S 26
S 27	4 28 27	5°26'23	7♍51	23°55	11°53	19°19	16°32	19°43	22°30	25°10	6°57	24°D17	22°46	22°14	3°49	S 27
M28	4 32 23	6°26'20	19°54	25°19	13° 5	19°59	16°27	19°51	22°34	25° 9	6°56	24°18	22°43	22°21	3°49	M28
T 29	4 36 20	7°26'19	1♎46	26°42	14°18	20°38	16°22	19°58	22°37	25° 9	6°55	24°19	22°39	22°27	3°48	T 29
W30	4 40 16	8♐26'19	13♎33	28♐ 5	15♑30	21♏17	16♋17	20♏ 5	22♐41	25♓ 9	6♌55	24♈21	22♈36	22♎34	3♈47	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s35	5n12	2n47	15s17	0n33	22s30	0s43	11s36	0n39	21n38	0s28	14s33	2n10	22s56	0n 0	2s28	0s44	16n14	2s11	9n37	9n17	7s 7	5n 5	3n36
W 2	14 53	0s21	1 49	15 53	0 26	22 43	0 46	11 49	0 39	21 38	0 28	14 35	2 10	22 56	0 0	2 29	0 44	16 14	2 11	9 37	9 16	7 10	5 4	3 36
T 3	15 11	5 52	0 45	16 28	0 19	22 56	0 48	12 3	0 38	21 38	0 28	14 37	2 10	22 56	0 0	2 29	0 44	16 14	2 11	9 38	9 15	7 13	5 3	3 36
F 4	15 29	11 13	0s20	17 3	0 12	23 8	0 51	12 16	0 38	21 38	0 28	14 40	2 10	22 56	0 0	2 29	0 44	16 14	2 11	9 38	9 13	7 17	5 2	3 36
S 5	15 47	16 11	1 24	17 36	0 5	23 19	0 54	12 29	0 37	21 38	0 28	14 42	2 10	22 56	0 0	2 30	0 44	16 14	2 11	9 38	9 12	7 20	5 1	3 36
S 6	16 4	20 35	2 26	18 8	0s 2	23 29	0 57	12 43	0 37	21 38	0 28	14 44	2 10	22 57	0 0	2 30	0 44	16 14	2 11	9 37	9 11	7 23	5 0	3 35
M 7	16 21	24 10	3 21	18 39	0 9	23 39	1 0	12 56	0 36	21 39	0 28	14 46	2 10	22 57	0 0	2 31	0 44	16 14	2 11	9 36	9 10	7 26	4 59	3 35
T 8	16 38	26 41	4 8	19 10	0 16	23 48	1 3	13 9	0 36	21 39	0 28	14 48	2 10	22 57	0 0	2 31	0 44	16 14	2 11	9 35	9 9	7 30	4 59	3 35
W 9	16 55	27 57	4 44	19 39	0 23	23 57	1 6	13 22	0 36	21 39	0 28	14 50	2 10	22 57	0 0	2 31	0 44	16 14	2 11	9 33	9 8	7 33	4 58	3 35
T 10	17 11	27 47	5 6	20 7	0 30	24 5	1 8	13 35	0 35	21 39	0 28	14 52	2 10	22 58	0 0	2 32	0 44	16 14	2 11	9 32	9 6	7 36	4 57	3 35
F 11	17 28	26 8	5 14	20 34	0 36	24 12	1 11	13 47	0 35	21 39	0 28	14 54	2 10	22 58	0s 0	2 32	0 44	16 14	2 11	9 31	9 5	7 40	4 56	3 34
S 12	17 43	23 3	5 6	21 0	0 43	24 19	1 14	14 0	0 34	21 39	0 28	14 56	2 10	22 58	0 0	2 32	0 44	16 14	2 11	9 30	9 4	7 43	4 55	3 34
S 13	17 59	18 40	4 41	21 25	0 50	24 24	1 17	14 13	0 34	21 40	0 28	14 58	2 10	22 58	0 0	2 32	0 44	16 14	2 11	9 30	9 3	7 46	4 54	3 34
M14	18 14	13 14	3 59	21 49	0 57	24 29	1 19	14 25	0 33	21 40	0 28	15 0	2 10	22 58	0 0	2 33	0 44	16 14	2 11	9 30	9 2	7 50	4 53	3 34
T 15	18 29	6 58	3 2	22 12	1 3	24 34	1 22	14 38	0 33	21 40	0 28	15 2	2 10	22 59	0 0	2 33	0 44	16 14	2 11	9 31	9 1	7 53	4 52	3 33
W16	18 44	0 13	1 53	22 33	1 10	24 38	1 24	14 50	0 32	21 41	0 28	15 4	2 10	22 59	0 0	2 33	0 44	16 14	2 11	9 31	8 59	7 56	4 52	3 33
T 17	18 58	6n41	0 34	22 54	1 16	24 41	1 27	15 2	0 32	21 41	0 28	15 6	2 10	22 59	0 0	2 33	0 44	16 14	2 11	9 32	8 58	7 59	4 51	3 33
F 18	19 12	13 18	0n47	23 13	1 22	24 43	1 29	15 14	0 32	21 41	0 28	15 8	2 10	22 59	0 0	2 34	0 44	16 14	2 11	9 32	8 57	8 3	4 50	3 33
S 19	19 25	19 11	2 6	23 32	1 29	24 44	1 32	15 26	0 31	21 42	0 28	15 10	2 10	23 0	0 0	2 34	0 44	16 14	2 11	9 31	8 56	8 6	4 49	3 32
S 20	19 38	23 50	3 15	23 49	1 34	24 45	1 34	15 38	0 31	21 42	0 28	15 12	2 10	23 0	0 0	2 34	0 44	16 14	2 11	9 30	8 55	8 9	4 49	3 32
M21	19 51	26 51	4 10	24 5	1 40	24 45	1 37	15 50	0 30	21 43	0 28	15 14	2 10	23 0	0 0	2 34	0 44	16 15	2 11	9 28	8 54	8 13	4 48	3 32
T 22	20 4	28 1	4 49	24 20	1 46	24 45	1 39	16 1	0 30	21 43	0 28	15 16	2 10	23 0	0 0	2 34	0 44	16 15	2 11	9 26	8 52	8 16	4 47	3 32
W23	20 16	27 20	5 8	24 33	1 51	24 44	1 41	16 13	0 29	21 44	0 28	15 18	2 10	23 0	0 0	2 35	0 44	16 15	2 11	9 24	8 51	8 19	4 46	3 31
T 24	20 28	25 3	5 10	24 46	1 57	24 42	1 43	16 24	0 29	21 44	0 27	15 19	2 10	23 1	0 0	2 35	0 44	16 15	2 11	9 22	8 50	8 22	4 46	3 31
F 25	20 39	21 30	4 55	24 57	2 2	24 39	1 46	16 36	0 28	21 45	0 27	15 21	2 10	23 1	0 0	2 35	0 44	16 15	2 11	9 21	8 49	8 26	4 45	3 31
S 26	20 51	17 4	4 26	25 7	2 6	24 36	1 48	16 47	0 28	21 45	0 27	15 23	2 10	23 1	0 0	2 35	0 44	16 15	2 11	9 20	8 48	8 29	4 44	3 31
S 27	21 1	12 3	3 46	25 16	2 11	24 31	1 50	16 58	0 27	21 46	0 27	15 25	2 10	23 1	0 0	2 35	0 44	16 15	2 11	9 20	8 47	8 32	4 44	3 30
M28	21 12	6 40	2 56	25 24	2 15	24 27	1 52	17 9	0 27	21 46	0 27	15 27	2 10	23 1	0 0	2 35	0 44	16 15	2 11	9 20	8 45	8 35	4 43	3 30
T 29	21 22	1 8	2 0	25 30	2 19	24 21	1 54	17 20	0 26	21 47	0 27	15 29	2 10	23 2	0 0	2 35	0 44	16 16	2 11	9 21	8 44	8 39	4 43	3 30
W30	21s31	4s24	0n58	25s36	2s23	24s15	1s55	17s30	0n26	21n48	0s27	15s31	2n10	23s 2	0s 0	2s35	0s44	16n16	2s11	9n21	8n43	8s42	4n42	3n30

Julian Day Number = 3058517.5, Delta T = 02h30m17s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'16, Lahiri = 47°09'17

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ASTRODIENST EPHEMERIS for the year 3661
geocentric

DECEMBER 3661 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 44 13	9♐26'22	25♎20	29♐27	16♑42	21♏57	16°R12	20♏12	22♐45	25°R 9	6°R54	24°R21	22♈33	22♎40	3°R46	T 1
F 2	4 48 9	10°26'27	7♏11	0♑47	17°55	22°36	16♋ 7	20°19	22°48	25♓ 9	6♌54	24♈20	22°30	22°47	3♈45	F 2
S 3	4 52 6	11°26'33	19° 9	2° 7	19° 7	23°16	16° 2	20°26	22°52	25° 8	6°53	24°17	22°27	22°54	3°45	S 3
S 4	4 56 2	12°26'42	1♑16	3°26	20°19	23°55	15°56	20°33	22°56	25° 8	6°53	24°12	22°23	23° 0	3°44	S 4
M 5	4 59 59	13°26'52	13°35	4°43	21°32	24°35	15°50	20°40	22°59	25° 8	6°52	24° 4	22°20	23° 7	3°44	M 5
T 6	5 3 56	14°27'04	26° 7	5°58	22°44	25°14	15°44	20°47	23° 3	25°D 8	6°51	23°55	22°17	23°14	3°43	T 6
W 7	5 7 52	15°27'18	8♑52	7°12	23°56	25°54	15°38	20°54	23° 7	25° 8	6°51	23°45	22°14	23°20	3°43	W 7
T 8	5 11 49	16°27'33	21°48	8°25	25° 8	26°33	15°32	21° 1	23°10	25° 8	6°50	23°36	22°11	23°27	3°42	T 8
F 9	5 15 45	17°27'50	4♒58	9°35	26°20	27°13	15°26	21° 8	23°14	25° 9	6°49	23°28	22° 8	23°34	3°42	F 9
S 10	5 19 42	18°28'08	18°19	10°43	27°32	27°52	15°19	21°15	23°18	25° 9	6°48	23°22	22° 4	23°40	3°42	S 10
S 11	5 23 38	19°28'28	1♓52	11°48	28°44	28°32	15°13	21°22	23°22	25° 9	6°48	23°18	22° 1	23°47	3°42	S 11
M12	5 27 35	20°28'48	15°37	12°50	29°56	29°11	15° 6	21°29	23°25	25° 9	6°47	23°D16	21°58	23°54	3°42	M12
T 13	5 31 32	21°29'10	29°35	13°49	1♒ 8	29°51	14°59	21°35	23°29	25° 9	6°46	23°16	21°55	24° 0	3°41	T 13
W14	5 35 28	22°29'33	13♈45	14°44	2°20	0♐31	14°52	21°42	23°33	25°10	6°45	23°17	21°52	24° 7	3°D41	W14
T 15	5 39 25	23°29'58	28° 6	15°35	3°31	1°11	14°45	21°49	23°36	25°10	6°44	23°R17	21°49	24°13	3°41	T 15
F 16	5 43 21	24°30'23	12♉36	16°21	4°43	1°50	14°38	21°55	23°40	25°10	6°43	23°16	21°45	24°20	3°42	F 16
S 17	5 47 18	25°30'50	27°11	17° 2	5°55	2°30	14°30	22° 2	23°44	25°11	6°43	23°12	21°42	24°27	3°42	S 17
S 18	5 51 14	26°31'19	11♊45	17°36	7° 6	3°10	14°23	22° 9	23°48	25°11	6°42	23° 5	21°39	24°33	3°42	S 18
M19	5 55 11	27°31'48	26°11	18° 4	8°18	3°50	14°16	22°15	23°51	25°11	6°41	22°56	21°36	24°40	3°42	M19
T 20	5 59 7	28°32'20	10♋23	18°24	9°29	4°29	14° 8	22°21	23°55	25°12	6°40	22°45	21°33	24°47	3°43	T 20
W21	6 3 4	29°32'52	24°16	18°35	10°40	5° 9	14° 0	22°28	23°59	25°12	6°39	22°34	21°29	24°53	3°43	W21
T 22	6 7 1	0♑33'26	7♌45	18°R38	11°52	5°49	13°53	22°34	24° 2	25°13	6°38	22°24	21°26	25° 0	3°43	T 22
F 23	6 10 57	1°34'02	20°49	18°30	13° 3	6°29	13°45	22°41	24° 6	25°14	6°37	22°15	21°23	25° 7	3°44	F 23
S 24	6 14 54	2°34'39	3♍30	18°12	14°14	7° 9	13°37	22°47	24°10	25°14	6°36	22° 9	21°20	25°13	3°44	S 24
S 25	6 18 50	3°35'17	15°50	17°43	15°25	7°49	13°29	22°53	24°14	25°15	6°35	22° 5	21°17	25°20	3°45	S 25
M26	6 22 47	4°35'57	27°55	17° 3	16°36	8°29	13°21	22°59	24°17	25°15	6°34	22° 3	21°14	25°27	3°46	M26
T 27	6 26 43	5°36'38	9♎48	16°12	17°47	9° 9	13°13	23° 5	24°21	25°16	6°33	22°D 3	21°10	25°33	3°46	T 27
W28	6 30 40	6°37'21	21°35	15°11	18°58	9°49	13° 5	23°11	24°25	25°17	6°32	22°R 3	21° 7	25°40	3°47	W28
T 29	6 34 36	7°38'05	3♏23	14° 2	20° 8	10°29	12°57	23°17	24°28	25°18	6°31	22° 3	21° 4	25°47	3°48	T 29
F 30	6 38 33	8°38'51	15°16	12°45	21°19	11° 9	12°49	23°23	24°32	25°19	6°30	22° 0	21° 1	25°53	3°49	F 30
S 31	6 42 30	9♑39'38	27♏19	11♑24	22♒29	11♐49	12♋41	23♏29	24♐36	25♓19	6♌29	21♈56	20♈58	26♎ 0	3♈50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s40	9 s48	0 s 5	25 s40	2 s26	24 s 8	1 s57	17 s41	0n25	21n48	0 s27	15 s32	2n10	23 s 2	0 s 0	2 s35	0 s44	16n16	2 s11	9n22	8n42	8 s45	4n42	3n29
F 2	21 49	14 53	1 9	25 43	2 29	24 0	1 59	17 52	0 25	21 49	0 27	15 34	2 10	23 2	0 0	2 35	0 44	16 16	2 11	9 21	8 41	8 49	4 41	3 29
S 3	21 57	19 26	2 10	25 44	2 32	23 52	2 1	18 2	0 24	21 50	0 27	15 36	2 11	23 2	0 0	2 35	0 44	16 16	2 11	9 20	8 40	8 52	4 41	3 29
S 4	22 5	23 16	3 6	25 45	2 34	23 43	2 2	18 12	0 24	21 51	0 27	15 38	2 11	23 3	0 0	2 35	0 44	16 16	2 11	9 18	8 38	8 55	4 40	3 29
M 5	22 13	26 6	3 54	25 44	2 36	23 34	2 4	18 22	0 23	21 51	0 27	15 40	2 11	23 3	0 0	2 35	0 44	16 17	2 11	9 15	8 37	8 58	4 40	3 28
T 6	22 20	27 41	4 31	25 43	2 37	23 23	2 5	18 32	0 23	21 52	0 27	15 41	2 11	23 3	0 0	2 35	0 44	16 17	2 11	9 12	8 36	9 2	4 39	3 28
W 7	22 27	27 51	4 56	25 40	2 38	23 12	2 6	18 42	0 22	21 53	0 27	15 43	2 11	23 3	0 0	2 35	0 44	16 17	2 11	9 9	8 35	9 5	4 39	3 28
T 8	22 33	26 31	5 6	25 36	2 38	23 1	2 8	18 52	0 22	21 54	0 27	15 45	2 11	23 3	0 0	2 35	0 44	16 17	2 11	9 5	8 34	9 8	4 38	3 28
F 9	22 39	23 42	5 0	25 31	2 38	22 49	2 9	19 1	0 21	21 54	0 26	15 46	2 11	23 4	0 0	2 35	0 44	16 17	2 11	9 2	8 33	9 11	4 38	3 27
S 10	22 44	19 36	4 38	25 25	2 37	22 36	2 10	19 10	0 21	21 55	0 26	15 48	2 11	23 4	0 0	2 35	0 44	16 17	2 11	9 0	8 31	9 15	4 38	3 27
S 11	22 49	14 27	4 0	25 17	2 35	22 22	2 11	19 20	0 20	21 56	0 26	15 50	2 11	23 4	0 0	2 35	0 44	16 18	2 11	8 58	8 30	9 18	4 37	3 27
M12	22 53	8 30	3 8	25 9	2 33	22 8	2 12	19 29	0 20	21 57	0 26	15 51	2 11	23 4	0 0	2 35	0 44	16 18	2 11	8 58	8 29	9 21	4 37	3 27
T 13	22 57	2 3	2 3	25 0	2 30	21 53	2 13	19 38	0 19	21 58	0 26	15 53	2 11	23 4	0 0	2 35	0 44	16 18	2 11	8 58	8 28	9 24	4 37	3 26
W14	23 1	4n36	0 51	24 51	2 26	21 38	2 13	19 46	0 19	21 59	0 26	15 55	2 11	23 5	0 0	2 35	0 44	16 18	2 11	8 58	8 27	9 28	4 37	3 26
T 15	23 4	11 6	0n26	24 40	2 21	21 22	2 14	19 55	0 18	21 59	0 26	15 56	2 12	23 5	0 0	2 35	0 44	16 19	2 11	8 58	8 26	9 31	4 36	3 26
F 16	23 7	17 5	1 41	24 29	2 15	21 6	2 15	20 4	0 18	22 0	0 26	15 58	2 12	23 5	0 0	2 35	0 44	16 19	2 11	8 58	8 24	9 34	4 36	3 25
S 17	23 9	22 7	2 50	24 17	2 9	20 49	2 15	20 12	0 17	22 1	0 26	15 59	2 12	23 5	0 0	2 34	0 44	16 19	2 11	8 56	8 23	9 37	4 36	3 25
S 18	23 11	25 46	3 48	24 4	2 0	20 31	2 15	20 20	0 17	22 2	0 26	16 1	2 12	23 5	0 0	2 34	0 44	16 19	2 11	8 54	8 22	9 41	4 36	3 25
M19	23 12	27 41	4 31	23 52	1 51	20 13	2 16	20 28	0 16	22 3	0 26	16 3	2 12	23 6	0 0	2 34	0 44	16 20	2 11	8 50	8 21	9 44	4 36	3 25
T 20	23 13	27 45	4 56	23 38	1 41	19 54	2 16	20 36	0 15	22 4	0 25	16 4	2 12	23 6	0 0	2 34	0 44	16 20	2 11	8 46	8 20	9 47	4 36	3 24
W21	23 14	26 2	5 3	23 25	1 29	19 35	2 16	20 44	0 15	22 5	0 25	16 6	2 12	23 6	0 0	2 34	0 44	16 20	2 11	8 42	8 18	9 50	4 35	3 24
T 22	23 14	22 53	4 52	23 12	1 16	19 15	2 16	20 51	0 14	22 6	0 25	16 7	2 12	23 6	0 0	2 33	0 44	16 20	2 11	8 38	8 17	9 54	4 35	3 24
F 23	23 13	18 38	4 26	22 58	1 1	18 55	2 16	20 58	0 14	22 7	0 25	16 8	2 12	23 6	0 0	2 33	0 44	16 21	2 11	8 35	8 16	9 57	4 35	3 24
S 24	23 12	13 41	3 48	22 45	0 45	18 35	2 16	21 6	0 13	22 7	0 25	16 10	2 13	23 6	0 0	2 33	0 44	16 21	2 11	8 33	8 15	10 0	4 35	3 23
S 25	23 11	8 18	3 0	22 31	0 28	18 14	2 15	21 13	0 13	22 8	0 25	16 11	2 13	23 7	0 0	2 33	0 44	16 21	2 11	8 32	8 14	10 3	4 35	3 23
M26	23 9	2 44	2 5	22 18	0 9	17 52	2 15	21 20	0 12	22 9	0 25	16 13	2 13	23 7	0 0	2 32	0 44	16 21	2 11	8 31	8 13	10 7	4 35	3 23
T 27	23 7	2 s51	1 5	22 5	0n10	17 30	2 14	21 26	0 12	22 10	0 25	16 14	2 13	23 7	0 0	2 32	0 44	16 22	2 11	8 31	8 11	10 10	4 35	3 23
W28	23 4	8 18	0 2	21 53	0 30	17 7	2 13	21 33	0 11	22 11	0 24	16 15	2 13	23 7	0 0	2 32	0 44	16 22	2 11	8 31	8 10	10 13	4 35	3 22
T 29	23 1	13 28	1 s 0	21 40	0 50	16 44	2 13	21 39	0 10	22 12	0 24	16 17	2 13	23 7	0 0	2 31	0 44	16 22	2 11	8 31	8 9	10 16	4 36	3 22
F 30	22 57	18 11	2 0	21 28	1 10	16 21	2 12	21 45	0 10	22 13	0 24	16 18	2 13	23 7	0 0	2 31	0 44	16 23	2 11	8 30	8 8	10 19	4 36	3 22
S 31	22 s53	22 s14	2 s55	21 s16	1n29	15 s57	2 s11	21 s51	0n 9	22n14	0 s24	16 s19	2n13	23 s 8	0 s 0	2 s31	0 s44	16n23	2 s11	8n28	8n 7	10 s23	4n36	3n22

Julian Day Number = 3058547.5, Delta T = 02h30m18s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'20, Lahiri = 47°09'21

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

JANUARY 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 46 26	10♑40'26	9♐35	10°R 1	23♒40	12♐29	12°R32	23♏35	24♐39	25♓20	6°R28	21°R48	20♈55	26♎ 6	3♈51	S 1
M 2	6 50 23	11°41'16	22° 8	8♑39	24°50	13°10	12♋24	23°41	24°43	25°21	6♌27	21♈37	20°51	26°13	3°52	M 2
T 3	6 54 19	12°42'07	4♑57	7°20	26° 0	13°50	12°16	23°47	24°46	25°22	6°25	21°25	20°48	26°20	3°53	T 3
W 4	6 58 16	13°42'59	18° 3	6° 8	27°11	14°30	12° 8	23°52	24°50	25°23	6°24	21°11	20°45	26°26	3°54	W 4
T 5	7 2 12	14°43'51	1♒24	5° 4	28°21	15°10	12° 0	23°58	24°54	25°24	6°23	20°58	20°42	26°33	3°55	T 5
F 6	7 6 9	15°44'45	14°57	4° 9	29°31	15°51	11°52	24° 3	24°57	25°25	6°22	20°46	20°39	26°40	3°57	F 6
S 7	7 10 6	16°45'39	28°41	3°26	0♓40	16°31	11°43	24° 9	25° 1	25°26	6°21	20°37	20°35	26°46	3°58	S 7
S 8	7 14 2	17°46'34	12♓31	2°53	1°50	17°11	11°35	24°14	25° 4	25°27	6°20	20°31	20°32	26°53	3°59	S 8
M 9	7 17 59	18°47'29	26°27	2°31	3° 0	17°52	11°27	24°19	25° 8	25°28	6°19	20°27	20°29	27° 0	4° 1	M 9
T 10	7 21 55	19°48'25	10♈27	2°21	4° 9	18°32	11°19	24°25	25°11	25°30	6°17	20°26	20°26	27° 6	4° 2	T 10
W11	7 25 52	20°49'21	24°31	2°D21	5°18	19°12	11°11	24°30	25°15	25°31	6°16	20°26	20°23	27°13	4° 4	W11
T 12	7 29 48	21°50'18	8♉37	2°30	6°27	19°53	11° 3	24°35	25°18	25°32	6°15	20°26	20°20	27°20	4° 5	T 12
F 13	7 33 45	22°51'15	22°45	2°48	7°36	20°33	10°55	24°40	25°22	25°33	6°14	20°23	20°16	27°26	4° 7	F 13
S 14	7 37 41	23°52'12	6♊54	3°14	8°45	21°14	10°48	24°45	25°25	25°35	6°13	20°19	20°13	27°33	4° 9	S 14
S 15	7 41 38	24°53'10	21° 0	3°48	9°54	21°54	10°40	24°50	25°28	25°36	6°11	20°11	20°10	27°39	4°10	S 15
M16	7 45 35	25°54'09	5♋ 0	4°28	11° 2	22°35	10°32	24°54	25°32	25°37	6°10	20° 0	20° 7	27°46	4°12	M16
T 17	7 49 31	26°55'07	18°50	5°14	12°11	23°15	10°25	24°59	25°35	25°39	6° 9	19°47	20° 4	27°53	4°14	T 17
W18	7 53 28	27°56'07	2♌24	6° 4	13°19	23°56	10°17	25° 4	25°38	25°40	6° 8	19°34	20° 1	27°59	4°16	W18
T 19	7 57 24	28°57'06	15°41	7° 0	14°27	24°37	10°10	25° 8	25°42	25°41	6° 6	19°22	19°57	28° 6	4°18	T 19
F 20	8 1 21	29°58'07	28°39	7°59	15°34	25°17	10° 3	25°13	25°45	25°43	6° 5	19°11	19°54	28°13	4°20	F 20
S 21	8 5 17	0♒59'07	11♍16	9° 2	16°42	25°58	9°56	25°17	25°48	25°44	6° 4	19° 3	19°51	28°19	4°22	S 21
S 22	8 9 14	2° 0'09	23°35	10° 8	17°49	26°39	9°49	25°22	25°51	25°46	6° 3	18°58	19°48	28°26	4°24	S 22
M23	8 13 11	3° 1'10	5♎40	11°16	18°57	27°19	9°42	25°26	25°54	25°47	6° 2	18°55	19°45	28°33	4°26	M23
T 24	8 17 7	4° 2'13	17°33	12°27	20° 4	28° 0	9°35	25°30	25°58	25°49	6° 0	18°D54	19°41	28°39	4°28	T 24
W25	8 21 4	5° 3'16	29°22	13°41	21°10	28°41	9°28	25°34	26° 1	25°50	5°59	18°R54	19°38	28°46	4°30	W25
T 26	8 25 0	6° 4'19	11♏10	14°56	22°17	29°22	9°22	25°38	26° 4	25°52	5°58	18°54	19°35	28°53	4°33	T 26
F 27	8 28 57	7° 5'23	23° 3	16°13	23°23	0♑ 2	9°15	25°42	26° 7	25°54	5°57	18°53	19°32	28°59	4°35	F 27
S 28	8 32 53	8° 6'27	5♐ 8	17°31	24°29	0°43	9° 9	25°46	26°10	25°55	5°55	18°50	19°29	29° 6	4°37	S 28
S 29	8 36 50	9° 7'32	17°28	18°50	25°35	1°24	9° 3	25°49	26°13	25°57	5°54	18°44	19°26	29°13	4°40	S 29
M30	8 40 46	10° 8'37	0♑ 7	20°11	26°41	2° 5	8°57	25°53	26°16	25°59	5°53	18°35	19°22	29°19	4°42	M30
T 31	8 44 43	11♒ 9'42	13♑ 8	21♑33	27♓46	2♑46	8♋51	25♏56	26♐19	26♓ 0	5♌52	18♈25	19♈19	29♎26	4♈45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s48	25s23	3s44	21s 4	1n47	15s33	2s10	21s57	0n 9	22n15	0s24	16s21	2n14	23s 8	0s 1	2s30	0s44	16n23	2s10	8n25	8n 5	10s26	4n36	3n21
M 2	22 43	27 21	4 22	20 54	2 3	15 9	2 8	22 3	0 8	22 16	0 24	16 22	2 14	23 8	0 1	2 30	0 44	16 23	2 10	8 21	8 4	10 29	4 36	3 21
T 3	22 38	27 56	4 48	20 44	2 18	14 44	2 7	22 8	0 7	22 16	0 24	16 23	2 14	23 8	0 1	2 30	0 44	16 24	2 10	8 17	8 3	10 32	4 36	3 21
W 4	22 32	26 58	5 0	20 36	2 30	14 19	2 6	22 13	0 7	22 17	0 24	16 24	2 14	23 8	0 1	2 29	0 44	16 24	2 10	8 12	8 2	10 35	4 37	3 20
T 5	22 25	24 28	4 55	20 29	2 39	13 53	2 4	22 18	0 6	22 18	0 23	16 26	2 14	23 8	0 1	2 29	0 44	16 24	2 10	8 7	8 1	10 39	4 37	3 20
F 6	22 19	20 34	4 34	20 23	2 46	13 27	2 2	22 23	0 6	22 19	0 23	16 27	2 14	23 9	0 1	2 28	0 44	16 25	2 10	8 2	8 0	10 42	4 37	3 20
S 7	22 11	15 32	3 57	20 20	2 51	13 1	2 0	22 28	0 5	22 20	0 23	16 28	2 15	23 9	0 1	2 28	0 44	16 25	2 10	7 59	7 58	10 45	4 37	3 20
S 8	22 4	9 40	3 6	20 18	2 54	12 34	1 58	22 33	0 4	22 21	0 23	16 29	2 15	23 9	0 1	2 27	0 44	16 25	2 10	7 57	7 57	10 48	4 38	3 19
M 9	21 55	3 17	2 3	20 17	2 55	12 8	1 56	22 37	0 4	22 22	0 23	16 30	2 15	23 9	0 1	2 27	0 43	16 26	2 10	7 55	7 56	10 51	4 38	3 19
T 10	21 47	3n18	0 53	20 19	2 54	11 41	1 54	22 41	0 3	22 22	0 23	16 31	2 15	23 9	0 1	2 27	0 43	16 26	2 10	7 55	7 55	10 55	4 38	3 19
W11	21 38	9 45	0n22	20 21	2 51	11 13	1 52	22 45	0 3	22 23	0 23	16 32	2 15	23 9	0 1	2 26	0 43	16 26	2 10	7 55	7 54	10 58	4 39	3 19
T 12	21 28	15 45	1 35	20 25	2 47	10 46	1 49	22 49	0 2	22 24	0 22	16 33	2 15	23 9	0 1	2 26	0 43	16 27	2 10	7 55	7 52	11 1	4 39	3 18
F 13	21 19	20 54	2 42	20 29	2 43	10 18	1 47	22 52	0 1	22 25	0 22	16 34	2 16	23 9	0 1	2 25	0 43	16 27	2 10	7 54	7 51	11 4	4 40	3 18
S 14	21 8	24 52	3 39	20 35	2 37	9 50	1 44	22 56	0 1	22 26	0 22	16 35	2 16	23 10	0 1	2 25	0 43	16 27	2 10	7 52	7 50	11 7	4 40	3 18
S 15	20 58	27 18	4 23	20 40	2 30	9 21	1 41	22 59	0 0	22 26	0 22	16 36	2 16	23 10	0 1	2 24	0 43	16 28	2 10	7 49	7 49	11 11	4 40	3 18
M16	20 47	27 58	4 50	20 46	2 23	8 53	1 38	23 2	0s 0	22 27	0 22	16 37	2 16	23 10	0 1	2 23	0 43	16 28	2 10	7 45	7 48	11 14	4 41	3 18
T 17	20 35	26 52	5 0	20 52	2 15	8 24	1 35	23 5	0 1	22 28	0 22	16 38	2 16	23 10	0 1	2 23	0 43	16 28	2 10	7 40	7 47	11 17	4 41	3 17
W18	20 23	24 12	4 53	20 58	2 7	7 55	1 32	23 7	0 2	22 29	0 21	16 39	2 16	23 10	0 1	2 22	0 43	16 29	2 10	7 36	7 45	11 20	4 42	3 17
T 19	20 11	20 17	4 30	21 4	1 59	7 26	1 29	23 10	0 2	22 29	0 21	16 40	2 17	23 10	0 1	2 22	0 43	16 29	2 10	7 31	7 44	11 23	4 42	3 17
F 20	19 59	15 29	3 53	21 9	1 50	6 57	1 26	23 12	0 3	22 30	0 21	16 41	2 17	23 10	0 1	2 21	0 43	16 29	2 10	7 27	7 43	11 27	4 43	3 17
S 21	19 46	10 8	3 5	21 14	1 41	6 28	1 22	23 14	0 4	22 31	0 21	16 42	2 17	23 10	0 1	2 21	0 43	16 30	2 10	7 24	7 42	11 30	4 44	3 16
S 22	19 32	4 31	2 10	21 18	1 33	5 58	1 18	23 15	0 4	22 31	0 21	16 43	2 17	23 11	0 1	2 20	0 43	16 30	2 10	7 22	7 41	11 33	4 44	3 16
M23	19 19	1s10	1 10	21 22	1 24	5 29	1 15	23 17	0 5	22 32	0 21	16 43	2 17	23 11	0 1	2 19	0 43	16 30	2 9	7 21	7 39	11 36	4 45	3 16
T 24	19 5	6 43	0 7	21 25	1 15	4 59	1 11	23 18	0 6	22 33	0 21	16 44	2 18	23 11	0 1	2 19	0 43	16 31	2 9	7 20	7 38	11 39	4 46	3 16
W25	18 50	12 1	0s55	21 27	1 6	4 29	1 7	23 20	0 6	22 33	0 20	16 45	2 18	23 11	0 1	2 18	0 43	16 31	2 9	7 21	7 37	11 42	4 46	3 15
T 26	18 35	16 53	1 55	21 27	0 57	4 0	1 2	23 21	0 7	22 34	0 20	16 46	2 18	23 11	0 1	2 17	0 43	16 32	2 9	7 21	7 36	11 46	4 47	3 15
F 27	18 20	21 8	2 51	21 27	0 48	3 30	0 58	23 21	0 8	22 35	0 20	16 46	2 18	23 11	0 1	2 17	0 43	16 32	2 9	7 20	7 35	11 49	4 48	3 15
S 28	18 5	24 34	3 40	21 26	0 39	3 0	0 54	23 22	0 8	22 35	0 20	16 47	2 18	23 11	0 1	2 16	0 43	16 32	2 9	7 19	7 33	11 52	4 48	3 15
S 29	17 49	26 57	4 19	21 24	0 31	2 30	0 49	23 22	0 9	22 36	0 20	16 48	2 19	23 11	0 1	2 16	0 43	16 33	2 9	7 17	7 32	11 55	4 49	3 15
M30	17 33	28 1	4 47	21 21	0 22	1 59	0 44	23 22	0 10	22 36	0 20	16 48	2 19	23 11	0 1	2 15	0 43	16 33	2 9	7 13	7 31	11 58	4 50	3 14
T 31	17s16	27s35	5s 1	21s17	0n14	1s29	0s40	23s22	0s10	22n37	0s19	16s49	2n19	23s11	0s 1	2s14	0s43	16n33	2s 9	7n 9	7n30	12s 1	4n51	3n14

Julian Day Number = 3058578.5, Delta T = 02h30m19s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'25, Lahiri = 47°09'25

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

FEBRUARY 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 48 40	12♒10'48	26♉30	22♉56	28♓51	3♉27	8°R45	26♏ 0	26♐22	26♓ 2	5°R50	18°R13	19♈16	29♎32	4♈47	W 1
T 2	8 52 36	13°11'53	10♒13	24°20	29°56	4° 8	8♋40	26° 3	26°24	26° 4	5♌49	18♈ 1	19°13	29°39	4°50	T 2
F 3	8 56 33	14°12'59	24°12	25°45	1♈ 1	4°49	8°34	26° 6	26°27	26° 6	5°48	17°51	19°10	29°46	4°52	F 3
S 4	9 0 29	15°14'04	8♓22	27°11	2° 5	5°30	8°29	26°10	26°30	26° 8	5°47	17°43	19° 7	29°52	4°55	S 4
S 5	9 4 26	16°15'09	22°40	28°37	3° 9	6°11	8°24	26°13	26°33	26° 9	5°45	17°38	19° 3	29°59	4°58	S 5
M 6	9 8 22	17°16'13	6♈59	0♒ 4	4°12	6°52	8°19	26°16	26°36	26°11	5°44	17°35	19° 0	0♏ 6	5° 0	M 6
T 7	9 12 19	18°17'18	21°16	1°32	5°15	7°34	8°15	26°19	26°38	26°13	5°43	17°D35	18°57	0°12	5° 3	T 7
W 8	9 16 15	19°18'21	5♉29	3° 0	6°18	8°15	8°10	26°21	26°41	26°15	5°42	17°35	18°54	0°19	5° 6	W 8
T 9	9 20 12	20°19'24	19°35	4°29	7°21	8°56	8° 6	26°24	26°43	26°17	5°41	17°R36	18°51	0°26	5° 9	T 9
F 10	9 24 9	21°20'27	3♊34	5°58	8°23	9°37	8° 2	26°27	26°46	26°19	5°39	17°35	18°47	0°32	5°12	F 10
S 11	9 28 5	22°21'29	17°25	7°28	9°25	10°18	7°58	26°29	26°48	26°21	5°38	17°32	18°44	0°39	5°15	S 11
S 12	9 32 2	23°22'30	1♋ 8	8°59	10°26	11° 0	7°54	26°31	26°51	26°23	5°37	17°27	18°41	0°46	5°17	S 12
M13	9 35 58	24°23'30	14°42	10°30	11°27	11°41	7°51	26°34	26°53	26°25	5°36	17°20	18°38	0°52	5°20	M13
T 14	9 39 55	25°24'30	28° 4	12° 2	12°28	12°22	7°47	26°36	26°56	26°27	5°35	17°11	18°35	0°59	5°23	T 14
W15	9 43 51	26°25'29	11♌14	13°35	13°28	13° 3	7°44	26°38	26°58	26°29	5°33	17° 1	18°32	1° 6	5°26	W15
T 16	9 47 48	27°26'28	24°10	15° 7	14°28	13°45	7°41	26°40	27° 0	26°31	5°32	16°52	18°28	1°12	5°29	T 16
F 17	9 51 44	28°27'26	6♍51	16°41	15°27	14°26	7°38	26°42	27° 3	26°33	5°31	16°44	18°25	1°19	5°33	F 17
S 18	9 55 41	29°28'23	19°18	18°15	16°26	15° 8	7°36	26°43	27° 5	26°35	5°30	16°39	18°22	1°25	5°36	S 18
S 19	9 59 38	0♓29'20	1♎31	19°50	17°24	15°49	7°33	26°45	27° 7	26°37	5°29	16°35	18°19	1°32	5°39	S 19
M20	10 3 34	1°30'16	13°32	21°25	18°21	16°31	7°31	26°47	27° 9	26°39	5°28	16°D34	18°16	1°39	5°42	M20
T 21	10 7 31	2°31'12	25°25	23° 1	19°19	17°12	7°29	26°48	27°11	26°41	5°27	16°34	18°13	1°45	5°45	T 21
W22	10 11 27	3°32'07	7♏13	24°37	20°15	17°54	7°28	26°49	27°13	26°43	5°26	16°35	18° 9	1°52	5°48	W22
T 23	10 15 24	4°33'02	19° 1	26°15	21°11	18°35	7°26	26°51	27°15	26°46	5°25	16°37	18° 6	1°59	5°52	T 23
F 24	10 19 20	5°33'56	0♐54	27°52	22° 7	19°17	7°25	26°52	27°17	26°48	5°24	16°R38	18° 3	2° 5	5°55	F 24
S 25	10 23 17	6°34'50	12°57	29°31	23° 1	19°58	7°23	26°53	27°19	26°50	5°22	16°38	18° 0	2°12	5°58	S 25
S 26	10 27 13	7°35'43	25°16	1♓10	23°55	20°40	7°22	26°54	27°21	26°52	5°21	16°36	17°57	2°19	6° 2	S 26
M27	10 31 10	8°36'36	7♉55	2°50	24°49	21°22	7°22	26°55	27°23	26°54	5°20	16°33	17°53	2°25	6° 5	M27
T 28	10 35 7	9♓37'28	20♉57	4♓31	25♈42	22♉ 3	7♋21	26♏55	27♐24	26♓56	5♌19	16♈28	17♈50	2♏32	6♈ 8	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 0	25s34	5s 0	21s12	0n 6	0s59	0s35	23s22	0s11	22n37	0s19	16s50	2n19	23s12	0s 1	2s13	0s43	16n34	2s 9	7n 5	7n29	12s 4	4n51	3n14
T 2	16 43	22 2	4 41	21 6	0s 2	0 29	0 30	23 22	0 12	22 38	0 19	16 50	2 20	23 12	0 1	2 13	0 43	16 34	2 9	7 1	7 27	12 8	4 52	3 14
F 3	16 25	17 11	4 5	20 58	0 10	0n 1	0 25	23 21	0 12	22 38	0 19	16 51	2 20	23 12	0 1	2 12	0 43	16 34	2 9	6 57	7 26	12 11	4 53	3 13
S 4	16 8	11 21	3 13	20 50	0 18	0 31	0 19	23 20	0 13	22 39	0 19	16 51	2 20	23 12	0 1	2 11	0 43	16 35	2 9	6 54	7 25	12 14	4 54	3 13
S 5	15 50	4 52	2 9	20 40	0 25	1 2	0 14	23 19	0 14	22 39	0 18	16 52	2 20	23 12	0 1	2 11	0 43	16 35	2 9	6 52	7 24	12 17	4 55	3 13
M 6	15 31	1n53	0 56	20 29	0 32	1 32	0 8	23 18	0 14	22 40	0 18	16 52	2 20	23 12	0 1	2 10	0 43	16 35	2 9	6 51	7 23	12 20	4 56	3 13
T 7	15 13	8 32	0n20	20 17	0 39	2 2	0 3	23 16	0 15	22 40	0 18	16 52	2 21	23 12	0 1	2 9	0 43	16 36	2 9	6 50	7 22	12 23	4 57	3 13
W 8	14 54	14 43	1 34	20 4	0 46	2 32	0n 3	23 14	0 16	22 41	0 18	16 53	2 21	23 12	0 1	2 8	0 43	16 36	2 8	6 51	7 20	12 26	4 57	3 12
T 9	14 35	20 5	2 43	19 50	0 53	3 2	0 9	23 12	0 17	22 41	0 18	16 53	2 21	23 12	0 1	2 8	0 43	16 37	2 8	6 51	7 19	12 30	4 58	3 12
F 10	14 16	24 17	3 41	19 34	0 59	3 31	0 15	23 10	0 17	22 42	0 18	16 54	2 21	23 12	0 1	2 7	0 43	16 37	2 8	6 51	7 18	12 33	4 59	3 12
S 11	13 56	27 2	4 25	19 18	1 5	4 1	0 21	23 8	0 18	22 42	0 17	16 54	2 22	23 12	0 1	2 6	0 43	16 37	2 8	6 50	7 17	12 36	5 0	3 12
S 12	13 36	28 7	4 54	19 0	1 11	4 31	0 27	23 5	0 19	22 42	0 17	16 54	2 22	23 12	0 1	2 5	0 43	16 38	2 8	6 48	7 16	12 39	5 1	3 12
M13	13 17	27 29	5 6	18 41	1 17	5 0	0 33	23 3	0 20	22 43	0 17	16 55	2 22	23 12	0 1	2 4	0 43	16 38	2 8	6 45	7 14	12 42	5 2	3 12
T 14	12 56	25 16	5 1	18 21	1 22	5 30	0 40	23 0	0 20	22 43	0 17	16 55	2 22	23 13	0 1	2 4	0 43	16 38	2 8	6 41	7 13	12 45	5 3	3 11
W15	12 36	21 44	4 40	18 0	1 27	5 59	0 46	22 57	0 21	22 44	0 17	16 55	2 22	23 13	0 1	2 3	0 43	16 39	2 8	6 38	7 12	12 48	5 4	3 11
T 16	12 15	17 11	4 4	17 38	1 32	6 28	0 53	22 53	0 22	22 44	0 17	16 55	2 23	23 13	0 1	2 2	0 43	16 39	2 8	6 34	7 11	12 51	5 5	3 11
F 17	11 54	11 59	3 17	17 14	1 37	6 57	1 0	22 50	0 22	22 44	0 16	16 56	2 23	23 13	0 1	2 1	0 43	16 39	2 8	6 31	7 10	12 55	5 6	3 11
S 18	11 33	6 23	2 22	16 50	1 41	7 26	1 7	22 46	0 23	22 45	0 16	16 56	2 23	23 13	0 1	2 0	0 43	16 40	2 8	6 29	7 8	12 58	5 7	3 11
S 19	11 12	0 38	1 21	16 24	1 45	7 55	1 14	22 42	0 24	22 45	0 16	16 56	2 23	23 13	0 1	2 0	0 43	16 40	2 8	6 28	7 7	13 1	5 9	3 10
M20	10 51	5s 3	0 16	15 58	1 49	8 23	1 21	22 38	0 25	22 45	0 16	16 56	2 24	23 13	0 1	1 59	0 43	16 40	2 8	6 27	7 6	13 4	5 10	3 10
T 21	10 29	10 29	0s48	15 30	1 52	8 51	1 28	22 33	0 25	22 45	0 16	16 56	2 24	23 13	0 1	1 58	0 43	16 41	2 7	6 27	7 5	13 7	5 11	3 10
W22	10 7	15 32	1 50	15 1	1 55	9 19	1 35	22 29	0 26	22 46	0 16	16 56	2 24	23 13	0 1	1 57	0 43	16 41	2 7	6 28	7 4	13 10	5 12	3 10
T 23	9 45	20 0	2 47	14 31	1 58	9 47	1 43	22 24	0 27	22 46	0 15	16 56	2 24	23 13	0 1	1 56	0 43	16 41	2 7	6 29	7 2	13 13	5 13	3 10
F 24	9 23	23 42	3 38	14 0	2 1	10 15	1 50	22 19	0 28	22 46	0 15	16 56	2 25	23 13	0 1	1 55	0 43	16 42	2 7	6 29	7 1	13 16	5 14	3 10
S 25	9 1	26 26	4 19	13 28	2 3	10 42	1 58	22 14	0 29	22 46	0 15	16 56	2 25	23 13	0 1	1 55	0 43	16 42	2 7	6 29	7 0	13 19	5 15	3 10
S 26	8 39	27 59	4 50	12 54	2 5	11 9	2 6	22 8	0 29	22 47	0 15	16 56	2 25	23 13	0 1	1 54	0 43	16 42	2 7	6 28	6 59	13 22	5 17	3 9
M27	8 16	28 7	5 8	12 20	2 6	11 36	2 13	22 3	0 30	22 47	0 15	16 56	2 25	23 13	0 1	1 53	0 43	16 43	2 7	6 27	6 58	13 25	5 18	3 9
T 28	7s54	26s43	5s10	11s45	2s 7	12n 2	2n21	21s57	0s31	22n47	0s15	16s56	2n26	23s13	0s 1	1s52	0s43	16n43	2s 7	6n25	6n56	13s29	5n19	3n 9

Julian Day Number = 3058609.5, Delta T = 02h30m20s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'29, Lahiri = 47°09'30

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

MARCH 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 39 3	10♓38'19	4♒24	6♓12	26♈34	22♉45	7°R21	26♏56	27♐26	26♓59	5°R18	16°R22	17♈47	2♏39	6♈12	W 1
T 2	10 43 0	11°39'09	18°17	7°54	27°25	23°27	7°D21	26°56	27°28	27° 1	5♌17	16♈16	17°44	2°45	6°15	T 2
F 3	10 46 56	12°39'58	2♓32	9°37	28°16	24° 9	7♋21	26°57	27°29	27° 3	5°16	16°11	17°41	2°52	6°19	F 3
S 4	10 50 53	13°40'47	17° 4	11°21	29° 6	24°50	7°21	26°57	27°31	27° 5	5°16	16° 7	17°38	2°59	6°22	S 4
S 5	10 54 49	14°41'34	1♈47	13° 5	29°54	25°32	7°22	26°57	27°32	27° 8	5°15	16° 5	17°34	3° 5	6°26	S 5
M 6	10 58 46	15°42'20	16°34	14°50	0♉43	26°14	7°22	26°R57	27°34	27°10	5°14	16°D 4	17°31	3°12	6°29	M 6
T 7	11 2 42	16°43'05	1♉17	16°36	1°30	26°56	7°23	26°57	27°35	27°12	5°13	16° 4	17°28	3°19	6°33	T 7
W 8	11 6 39	17°43'48	15°51	18°23	2°16	27°38	7°24	26°57	27°36	27°14	5°12	16° 6	17°25	3°25	6°36	W 8
T 9	11 10 36	18°44'30	0♊12	20°10	3° 1	28°20	7°26	26°57	27°38	27°17	5°11	16° 7	17°22	3°32	6°40	T 9
F 10	11 14 32	19°45'10	14°16	21°58	3°45	29° 2	7°27	26°56	27°39	27°19	5°10	16°R 8	17°19	3°38	6°43	F 10
S 11	11 18 29	20°45'49	28° 5	23°47	4°29	29°44	7°29	26°56	27°40	27°21	5° 9	16° 8	17°15	3°45	6°47	S 11
S 12	11 22 25	21°46'26	11♋36	25°36	5°11	0♒26	7°31	26°55	27°41	27°23	5° 9	16° 7	17°12	3°52	6°50	S 12
M13	11 26 22	22°47'02	24°52	27°26	5°51	1° 8	7°33	26°55	27°42	27°26	5° 8	16° 5	17° 9	3°58	6°54	M13
T 14	11 30 18	23°47'36	7♌53	29°17	6°31	1°50	7°35	26°54	27°43	27°28	5° 7	16° 1	17° 6	4° 5	6°58	T 14
W15	11 34 15	24°48'09	20°40	1♍ 8	7°10	2°32	7°38	26°53	27°44	27°30	5° 6	15°58	17° 3	4°12	7° 1	W15
T 16	11 38 11	25°48'39	3♍15	2°59	7°47	3°14	7°40	26°52	27°45	27°32	5° 6	15°54	16°59	4°18	7° 5	T 16
F 17	11 42 8	26°49'09	15°38	4°51	8°23	3°56	7°43	26°51	27°46	27°35	5° 5	15°52	16°56	4°25	7° 8	F 17
S 18	11 46 4	27°49'36	27°50	6°42	8°57	4°38	7°46	26°50	27°47	27°37	5° 4	15°50	16°53	4°32	7°12	S 18
S 19	11 50 1	28°50'03	9♎53	8°34	9°30	5°20	7°49	26°48	27°48	27°39	5° 3	15°49	16°50	4°38	7°16	S 19
M20	11 53 58	29°50'28	21°48	10°25	10° 1	6° 2	7°53	26°47	27°48	27°42	5° 3	15°D49	16°47	4°45	7°19	M20
T 21	11 57 54	0♈50'51	3♏38	12°15	10°31	6°45	7°56	26°45	27°49	27°44	5° 2	15°50	16°44	4°52	7°23	T 21
W22	12 1 51	1°51'13	15°26	14° 5	11° 0	7°27	8° 0	26°44	27°50	27°46	5° 2	15°51	16°40	4°58	7°27	W22
T 23	12 5 47	2°51'34	27°15	15°53	11°26	8° 9	8° 4	26°42	27°50	27°48	5° 1	15°52	16°37	5° 5	7°30	T 23
F 24	12 9 44	3°51'54	9♐ 8	17°39	11°51	8°51	8° 8	26°40	27°51	27°51	5° 0	15°53	16°34	5°12	7°34	F 24
S 25	12 13 40	4°52'12	21°11	19°24	12°14	9°34	8°13	26°38	27°51	27°53	5° 0	15°54	16°31	5°18	7°38	S 25
S 26	12 17 37	5°52'29	3♑27	21° 6	12°35	10°16	8°17	26°36	27°51	27°55	4°59	15°R55	16°28	5°25	7°42	S 26
M27	12 21 33	6°52'44	16° 2	22°44	12°55	10°58	8°22	26°34	27°52	27°57	4°59	15°54	16°25	5°32	7°45	M27
T 28	12 25 30	7°52'59	28°58	24°19	13°12	11°41	8°27	26°32	27°52	28° 0	4°58	15°54	16°21	5°38	7°49	T 28
W29	12 29 27	8°53'11	12♒21	25°50	13°27	12°23	8°32	26°30	27°52	28° 2	4°58	15°53	16°18	5°45	7°53	W29
T 30	12 33 23	9°53'23	26°10	27°17	13°40	13° 6	8°37	26°28	27°52	28° 4	4°57	15°52	16°15	5°51	7°56	T 30
F 31	12 37 20	10♈53'32	10♓25	28♈37	13♉51	13♒48	8♋43	26♏25	27♐52	28♓ 6	4♌57	15♈52	16♈12	5♏58	8♈ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s31	23s47	4s56	11s 8	2s 7	12n29	2n29	21s51	0s32	22n47	0s14	16s56	2n26	23s13	0s 1	1s51	0s43	16n43	2s 7	6n23	6n55	13s32	5n20	3n 9
T 2	7 8	19 25	4 24	10 31	2 8	12 55	2 37	21 45	0 32	22 47	0 14	16 56	2 26	23 13	0 1	1 50	0 43	16 44	2 7	6 21	6 54	13 35	5 21	3 9
F 3	6 45	13 50	3 36	9 52	2 7	13 20	2 45	21 38	0 33	22 48	0 14	16 56	2 26	23 13	0 1	1 49	0 43	16 44	2 7	6 19	6 53	13 38	5 23	3 9
S 4	6 22	7 24	2 32	9 12	2 7	13 46	2 54	21 32	0 34	22 48	0 14	16 56	2 27	23 13	0 1	1 49	0 43	16 44	2 7	6 17	6 52	13 41	5 24	3 9
S 5	5 59	0 29	1 17	8 32	2 6	14 11	3 2	21 25	0 35	22 48	0 14	16 55	2 27	23 13	0 1	1 48	0 43	16 45	2 6	6 16	6 50	13 44	5 25	3 8
M 6	5 35	6n30	0n 3	7 50	2 4	14 35	3 10	21 18	0 36	22 48	0 14	16 55	2 27	23 14	0 1	1 47	0 43	16 45	2 6	6 16	6 49	13 47	5 26	3 8
T 7	5 12	13 7	1 23	7 8	2 2	15 0	3 19	21 11	0 36	22 48	0 13	16 55	2 27	23 14	0 1	1 46	0 43	16 45	2 6	6 16	6 48	13 50	5 28	3 8
W 8	4 48	18 56	2 36	6 24	2 0	15 24	3 27	21 4	0 37	22 48	0 13	16 55	2 27	23 14	0 1	1 45	0 43	16 46	2 6	6 17	6 47	13 53	5 29	3 8
T 9	4 25	23 35	3 39	5 39	1 57	15 47	3 36	20 56	0 38	22 48	0 13	16 54	2 28	23 14	0 1	1 44	0 43	16 46	2 6	6 17	6 46	13 56	5 30	3 8
F 10	4 1	26 44	4 27	4 54	1 53	16 11	3 44	20 48	0 39	22 48	0 13	16 54	2 28	23 14	0 1	1 43	0 43	16 46	2 6	6 18	6 44	13 59	5 31	3 8
S 11	3 38	28 12	4 59	4 8	1 49	16 34	3 53	20 41	0 40	22 48	0 13	16 54	2 28	23 14	0 1	1 42	0 43	16 46	2 6	6 18	6 43	14 2	5 33	3 8
S 12	3 14	27 56	5 14	3 20	1 45	16 56	4 2	20 32	0 41	22 48	0 13	16 53	2 28	23 14	0 1	1 41	0 43	16 47	2 6	6 17	6 42	14 5	5 34	3 8
M13	2 50	26 4	5 11	2 32	1 40	17 18	4 11	20 24	0 41	22 48	0 12	16 53	2 29	23 14	0 1	1 41	0 43	16 47	2 6	6 16	6 41	14 8	5 35	3 7
T 14	2 27	22 50	4 52	1 44	1 34	17 39	4 19	20 16	0 42	22 49	0 12	16 53	2 29	23 14	0 1	1 40	0 43	16 47	2 6	6 15	6 39	14 11	5 37	3 7
W15	2 3	18 34	4 19	0 54	1 28	18 0	4 28	20 7	0 43	22 49	0 12	16 52	2 29	23 14	0 1	1 39	0 43	16 48	2 5	6 14	6 38	14 14	5 38	3 7
T 16	1 39	13 33	3 34	0 4	1 21	18 21	4 37	19 58	0 44	22 49	0 12	16 52	2 29	23 14	0 1	1 38	0 43	16 48	2 5	6 12	6 37	14 17	5 39	3 7
F 17	1 15	8 4	2 39	0n47	1 14	18 41	4 46	19 49	0 45	22 49	0 12	16 51	2 29	23 14	0 1	1 37	0 43	16 48	2 5	6 11	6 36	14 20	5 41	3 7
S 18	0 51	2 21	1 38	1 38	1 6	19 1	4 55	19 40	0 46	22 49	0 12	16 51	2 30	23 14	0 1	1 36	0 43	16 48	2 5	6 11	6 35	14 23	5 42	3 7
S 19	0 28	3s22	0 33	2 29	0 57	19 20	5 4	19 31	0 46	22 48	0 12	16 50	2 30	23 14	0 1	1 35	0 43	16 49	2 5	6 10	6 33	14 26	5 43	3 7
M20	0 4	8 56	0s33	3 21	0 48	19 38	5 13	19 22	0 47	22 48	0 11	16 50	2 30	23 14	0 1	1 34	0 43	16 49	2 5	6 10	6 32	14 29	5 45	3 7
T 21	0n20	14 9	1 37	4 13	0 38	19 56	5 22	19 12	0 48	22 48	0 11	16 49	2 30	23 14	0 1	1 33	0 43	16 49	2 5	6 11	6 31	14 32	5 46	3 7
W22	0 44	18 49	2 37	5 5	0 28	20 13	5 30	19 2	0 49	22 48	0 11	16 49	2 31	23 14	0 1	1 33	0 43	16 49	2 5	6 11	6 30	14 36	5 47	3 7
T 23	1 8	22 47	3 30	5 56	0 17	20 30	5 39	18 52	0 50	22 48	0 11	16 48	2 31	23 14	0 1	1 32	0 43	16 50	2 5	6 11	6 29	14 39	5 49	3 6
F 24	1 31	25 49	4 15	6 47	0 5	20 46	5 48	18 42	0 51	22 48	0 11	16 47	2 31	23 14	0 1	1 31	0 43	16 50	2 5	6 12	6 27	14 42	5 50	3 6
S 25	1 55	27 44	4 48	7 38	0n 6	21 2	5 57	18 32	0 52	22 48	0 11	16 47	2 31	23 14	0 1	1 30	0 43	16 50	2 4	6 12	6 26	14 45	5 51	3 6
S 26	2 19	28 21	5 10	8 27	0 19	21 16	6 5	18 21	0 52	22 48	0 10	16 46	2 31	23 14	0 1	1 29	0 43	16 50	2 4	6 12	6 25	14 48	5 53	3 6
M27	2 42	27 32	5 17	9 15	0 32	21 30	6 14	18 11	0 53	22 48	0 10	16 45	2 32	23 14	0 1	1 28	0 43	16 50	2 4	6 12	6 24	14 51	5 54	3 6
T 28	3 6	25 14	5 9	10 3	0 45	21 44	6 22	18 0	0 54	22 48	0 10	16 45	2 32	23 14	0 1	1 27	0 43	16 51	2 4	6 12	6 23	14 54	5 56	3 6
W29	3 30	21 30	4 44	10 48	0 58	21 56	6 30	17 49	0 55	22 47	0 10	16 44	2 32	23 14	0 1	1 26	0 43	16 51	2 4	6 12	6 21	14 57	5 57	3 6
T 30	3 53	16 29	4 2	11 31	1 11	22 8	6 38	17 38	0 56	22 47	0 10	16 43	2 32	23 14	0 1	1 26	0 43	16 51	2 4	6 12	6 20	15 0	5 58	3 6
F 31	4n16	10s27	3s 5	12n13	1n25	22n19	6n46	17s27	0s57	22n47	0s10	16s43	2n32	23s14	0s 1	1s25	0s43	16n51	2s 4	6n11	6n19	15s 2	6n 0	3n 6

Julian Day Number = 3058637.5, Delta T = 02h30m21s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'33, Lahiri = 47°09'33

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

APRIL 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 41 16	11♈53'40	25♓ 4	29♈52	14♉ 0	14♒31	8♋48	26°R22	27°R52	28♓ 9	4°R57	15°R51	16♈ 9	6♏ 5	8♈ 4	S 1
S 2	12 45 13	12°53'47	10♈ 0	1♉ 1	14° 7	15°13	8°54	26♏20	27♐52	28°11	4♌56	15°D51	16° 5	6°11	8° 7	S 2
M 3	12 49 9	13°53'52	25° 6	2° 2	14°11	15°56	9° 0	26°17	27°52	28°13	4°56	15♈51	16° 2	6°18	8°11	M 3
T 4	12 53 6	14°53'55	10♉12	2°56	14°R13	16°38	9° 6	26°14	27°52	28°15	4°56	15°51	15°59	6°25	8°15	T 4
W 5	12 57 2	15°53'56	25°10	3°42	14°12	17°21	9°12	26°11	27°52	28°18	4°55	15°R51	15°56	6°31	8°18	W 5
T 6	13 0 59	16°53'55	9♊52	4°20	14° 9	18° 3	9°18	26° 8	27°52	28°20	4°55	15°51	15°53	6°38	8°22	T 6
F 7	13 4 56	17°53'52	24°13	4°50	14° 3	18°46	9°25	26° 5	27°51	28°22	4°55	15°51	15°50	6°45	8°26	F 7
S 8	13 8 52	18°53'47	8♋10	5°11	13°55	19°28	9°32	26° 2	27°51	28°24	4°54	15°51	15°46	6°51	8°29	S 8
S 9	13 12 49	19°53'40	21°43	5°23	13°45	20°11	9°39	25°59	27°51	28°26	4°54	15°D51	15°43	6°58	8°33	S 9
M10	13 16 45	20°53'31	4♌54	5°R27	13°32	20°54	9°46	25°56	27°50	28°28	4°54	15°51	15°40	7° 5	8°37	M10
T 11	13 20 42	21°53'19	17°44	5°22	13°16	21°36	9°53	25°52	27°50	28°31	4°54	15°51	15°37	7°11	8°40	T 11
W12	13 24 38	22°53'06	0♍17	5°10	12°58	22°19	10° 0	25°49	27°49	28°33	4°54	15°52	15°34	7°18	8°44	W12
T 13	13 28 35	23°52'50	12°36	4°49	12°38	23° 2	10° 8	25°45	27°49	28°35	4°54	15°53	15°30	7°25	8°47	T 13
F 14	13 32 31	24°52'32	24°44	4°21	12°15	23°44	10°15	25°42	27°48	28°37	4°54	15°54	15°27	7°31	8°51	F 14
S 15	13 36 28	25°52'12	6♎43	3°47	11°50	24°27	10°23	25°38	27°47	28°39	4°53	15°54	15°24	7°38	8°54	S 15
S 16	13 40 25	26°51'50	18°37	3° 7	11°23	25°10	10°31	25°34	27°47	28°41	4°53	15°R54	15°21	7°45	8°58	S 16
M17	13 44 21	27°51'26	0♏27	2°22	10°54	25°53	10°39	25°31	27°46	28°43	4°D53	15°54	15°18	7°51	9° 2	M17
T 18	13 48 18	28°51'01	12°16	1°34	10°24	26°35	10°47	25°27	27°45	28°45	4°53	15°53	15°15	7°58	9° 5	T 18
W19	13 52 14	29°50'33	24° 5	0°43	9°51	27°18	10°55	25°23	27°44	28°47	4°53	15°51	15°11	8° 5	9° 9	W19
T 20	13 56 11	0♉50'04	5♐57	29♈50	9°17	28° 1	11° 4	25°19	27°43	28°49	4°54	15°49	15° 8	8°11	9°12	T 20
F 21	14 0 7	1°49'33	17°54	28°58	8°42	28°44	11°12	25°15	27°42	28°51	4°54	15°46	15° 5	8°18	9°16	F 21
S 22	14 4 4	2°49'00	0♑ 0	28° 6	8° 6	29°27	11°21	25°11	27°41	28°53	4°54	15°44	15° 2	8°25	9°19	S 22
S 23	14 8 0	3°48'26	12°18	27°15	7°30	0♓10	11°30	25° 7	27°40	28°55	4°54	15°42	14°59	8°31	9°22	S 23
M24	14 11 57	4°47'50	24°51	26°28	6°52	0°52	11°39	25° 3	27°39	28°57	4°54	15°41	14°56	8°38	9°26	M24
T 25	14 15 54	5°47'12	7♒42	25°43	6°15	1°35	11°48	24°58	27°38	28°59	4°54	15°D41	14°52	8°45	9°29	T 25
W26	14 19 50	6°46'32	20°56	25° 3	5°37	2°18	11°57	24°54	27°36	29° 1	4°54	15°41	14°49	8°51	9°33	W26
T 27	14 23 47	7°45'51	4♓35	24°27	5° 0	3° 1	12° 6	24°50	27°35	29° 3	4°55	15°42	14°46	8°58	9°36	T 27
F 28	14 27 43	8°45'08	18°40	23°57	4°23	3°44	12°15	24°46	27°34	29° 5	4°55	15°44	14°43	9° 4	9°39	F 28
S 29	14 31 40	9°44'23	3♈10	23°31	3°47	4°27	12°25	24°41	27°32	29° 6	4°55	15°45	14°40	9°11	9°43	S 29
S 30	14 35 36	10♉43'37	18♈ 3	23♈12	3♉12	5♓10	12♋35	24♏37	27♐31	29♓ 8	4♌55	15°R45	14♈36	9♏18	9♈46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n40	3s40	1s53	12n52	1n38	22n28	6n54	17s15	0s58	22n47	0s10	16s42	2n33	23s14	0s 1	1s24	0s43	16n52	2s 4	6n11	6n18	15s 5	6n 1	3n 6
S 2	5 3	3n26	0 32	13 28	1 51	22 37	7 1	17 4	0 59	22 46	0 9	16 41	2 33	23 14	0 1	1 23	0 43	16 52	2 4	6 11	6 17	15 8	6 3	3 6
M 3	5 26	10 26	0n51	14 1	2 4	22 45	7 8	16 52	0 59	22 46	0 9	16 40	2 33	23 14	0 1	1 22	0 43	16 52	2 4	6 11	6 15	15 11	6 4	3 6
T 4	5 49	16 50	2 11	14 31	2 16	22 52	7 15	16 40	1 0	22 46	0 9	16 39	2 33	23 14	0 2	1 21	0 43	16 52	2 3	6 11	6 14	15 14	6 5	3 6
W 5	6 12	22 9	3 22	14 58	2 28	22 58	7 21	16 28	1 1	22 46	0 9	16 39	2 33	23 14	0 2	1 20	0 43	16 52	2 3	6 11	6 13	15 17	6 7	3 6
T 6	6 35	25 59	4 17	15 21	2 39	23 3	7 27	16 16	1 2	22 45	0 9	16 38	2 33	23 14	0 2	1 19	0 43	16 52	2 3	6 11	6 12	15 20	6 8	3 6
F 7	6 58	28 1	4 55	15 40	2 49	23 7	7 33	16 4	1 3	22 45	0 9	16 37	2 34	23 14	0 2	1 19	0 43	16 53	2 3	6 11	6 10	15 23	6 10	3 6
S 8	7 20	28 13	5 15	15 56	2 58	23 9	7 38	15 52	1 4	22 45	0 9	16 36	2 34	23 14	0 2	1 18	0 43	16 53	2 3	6 11	6 9	15 26	6 11	3 5
S 9	7 43	26 42	5 16	16 7	3 5	23 10	7 43	15 39	1 5	22 44	0 9	16 35	2 34	23 14	0 2	1 17	0 44	16 53	2 3	6 11	6 8	15 29	6 12	3 5
M10	8 5	23 44	5 0	16 14	3 12	23 10	7 47	15 27	1 6	22 44	0 8	16 34	2 34	23 14	0 2	1 16	0 44	16 53	2 3	6 11	6 7	15 32	6 14	3 5
T 11	8 27	19 40	4 30	16 17	3 17	23 9	7 50	15 14	1 7	22 44	0 8	16 33	2 34	23 14	0 2	1 15	0 44	16 53	2 3	6 11	6 6	15 35	6 15	3 5
W12	8 49	14 49	3 47	16 16	3 20	23 6	7 53	15 1	1 8	22 43	0 8	16 32	2 34	23 14	0 2	1 14	0 44	16 53	2 3	6 11	6 4	15 38	6 16	3 5
T 13	9 11	9 28	2 55	16 11	3 22	23 2	7 55	14 48	1 9	22 43	0 8	16 31	2 34	23 14	0 2	1 14	0 44	16 53	2 2	6 12	6 3	15 41	6 18	3 5
F 14	9 33	3 50	1 55	16 1	3 22	22 56	7 57	14 35	1 9	22 42	0 8	16 31	2 35	23 14	0 2	1 13	0 44	16 54	2 2	6 12	6 2	15 44	6 19	3 5
S 15	9 55	1s52	0 51	15 48	3 20	22 49	7 57	14 22	1 10	22 42	0 8	16 30	2 35	23 14	0 2	1 12	0 44	16 54	2 2	6 12	6 1	15 47	6 21	3 5
S 16	10 16	7 28	0s15	15 31	3 16	22 40	7 57	14 8	1 11	22 41	0 8	16 29	2 35	23 14	0 2	1 11	0 44	16 54	2 2	6 12	6 0	15 50	6 22	3 5
M17	10 37	12 47	1 20	15 10	3 10	22 30	7 57	13 55	1 12	22 41	0 7	16 28	2 35	23 14	0 2	1 10	0 44	16 54	2 2	6 12	5 58	15 53	6 23	3 5
T 18	10 58	17 37	2 21	14 46	3 3	22 19	7 55	13 41	1 13	22 40	0 7	16 27	2 35	23 14	0 2	1 10	0 44	16 54	2 2	6 12	5 57	15 56	6 25	3 5
W19	11 19	21 48	3 16	14 20	2 54	22 6	7 52	13 28	1 14	22 40	0 7	16 26	2 35	23 14	0 2	1 9	0 44	16 54	2 2	6 11	5 56	15 59	6 26	3 5
T 20	11 40	25 6	4 3	13 52	2 43	21 52	7 49	13 14	1 15	22 39	0 7	16 25	2 35	23 14	0 2	1 8	0 44	16 54	2 2	6 10	5 55	16 1	6 27	3 5
F 21	12 0	27 19	4 39	13 22	2 31	21 36	7 45	13 0	1 16	22 39	0 7	16 23	2 35	23 14	0 2	1 7	0 44	16 54	2 2	6 9	5 53	16 4	6 29	3 5
S 22	12 20	28 18	5 4	12 51	2 18	21 20	7 40	12 46	1 17	22 38	0 7	16 22	2 35	23 14	0 2	1 7	0 44	16 54	2 2	6 8	5 52	16 7	6 30	3 5
S 23	12 41	27 54	5 15	12 19	2 3	21 2	7 33	12 32	1 18	22 37	0 7	16 21	2 36	23 14	0 2	1 6	0 44	16 54	2 1	6 8	5 51	16 10	6 31	3 5
M24	13 0	26 5	5 12	11 48	1 48	20 43	7 27	12 18	1 19	22 37	0 7	16 20	2 36	23 14	0 2	1 5	0 44	16 55	2 1	6 7	5 50	16 13	6 33	3 5
T 25	13 20	22 54	4 53	11 17	1 32	20 23	7 19	12 3	1 20	22 36	0 7	16 19	2 36	23 14	0 2	1 4	0 44	16 55	2 1	6 7	5 49	16 16	6 34	3 5
W26	13 39	18 28	4 18	10 48	1 16	20 2	7 10	11 49	1 21	22 35	0 6	16 18	2 36	23 14	0 2	1 4	0 44	16 55	2 1	6 7	5 47	16 19	6 35	3 5
T 27	13 59	12 58	3 28	10 19	1 0	19 41	7 1	11 35	1 21	22 35	0 6	16 17	2 36	23 14	0 2	1 3	0 44	16 55	2 1	6 8	5 46	16 22	6 37	3 5
F 28	14 18	6 39	2 24	9 53	0 43	19 18	6 51	11 20	1 22	22 34	0 6	16 16	2 36	23 14	0 2	1 2	0 44	16 55	2 1	6 8	5 45	16 25	6 38	3 5
S 29	14 36	0n12	1 9	9 29	0 27	18 56	6 40	11 5	1 23	22 33	0 6	16 15	2 36	23 14	0 2	1 1	0 44	16 55	2 1	6 9	5 44	16 28	6 39	3 5
S 30	14n55	7n13	0n13	9n 6	0n11	18n33	6n28	10s51	1s24	22n32	0s 6	16s14	2n36	23s14	0s 2	1s 1	0s44	16n55	2s 1	6n 9	5n43	16s30	6n41	3n 5

Julian Day Number = 3058668.5, Delta T = 02h30m22s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'37, Lahiri = 47°09'38

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

MAY 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 39 33	11♉42'49	3♉10	22°R57	2°R37	5♓53	12♋44	24°R32	27°R29	29♓10	4♌56	15°R44	14♈33	9♏24	9♈49	M 1
T 2	14 43 29	12°41'59	18°25	22♈49	2♉ 5	6°36	12°54	24♏28	27♐28	29°12	4°56	15♈42	14°30	9°31	9°52	T 2
W 3	14 47 26	13°41'07	3♊36	22°D45	1°34	7°19	13° 4	24°23	27°26	29°14	4°56	15°39	14°27	9°38	9°56	W 3
T 4	14 51 22	14°40'13	18°33	22°48	1° 4	8° 2	13°14	24°19	27°25	29°15	4°57	15°35	14°24	9°44	9°59	T 4
F 5	14 55 19	15°39'17	3♋10	22°55	0°37	8°45	13°24	24°14	27°23	29°17	4°57	15°31	14°21	9°51	10° 2	F 5
S 6	14 59 16	16°38'19	17°20	23° 8	0°11	9°28	13°35	24°10	27°22	29°19	4°58	15°27	14°17	9°58	10° 5	S 6
S 7	15 3 12	17°37'18	1♌ 2	23°25	29♈48	10°11	13°45	24° 5	27°20	29°20	4°58	15°25	14°14	10° 4	10° 8	S 7
M 8	15 7 9	18°36'15	14°17	23°48	29°27	10°54	13°56	24° 1	27°18	29°22	4°59	15°D23	14°11	10°11	10°11	M 8
T 9	15 11 5	19°35'10	27° 6	24°14	29° 8	11°37	14° 6	23°56	27°16	29°24	4°59	15°24	14° 8	10°18	10°14	T 9
W10	15 15 2	20°34'03	9♍35	24°46	28°51	12°20	14°17	23°51	27°15	29°25	5° 0	15°25	14° 5	10°24	10°17	W10
T 11	15 18 58	21°32'54	21°47	25°21	28°37	13° 3	14°28	23°47	27°13	29°27	5° 0	15°26	14° 2	10°31	10°20	T 11
F 12	15 22 55	22°31'42	3♎47	26° 0	28°26	13°46	14°38	23°42	27°11	29°29	5° 1	15°28	13°58	10°38	10°23	F 12
S 13	15 26 51	23°30'28	15°39	26°43	28°16	14°29	14°49	23°38	27° 9	29°30	5° 1	15°R29	13°55	10°44	10°26	S 13
S 14	15 30 48	24°29'13	27°27	27°29	28°10	15°12	15° 0	23°33	27° 7	29°32	5° 2	15°28	13°52	10°51	10°29	S 14
M15	15 34 45	25°27'55	9♏15	28°19	28° 5	15°55	15°12	23°28	27° 5	29°33	5° 3	15°25	13°49	10°58	10°32	M15
T 16	15 38 41	26°26'36	21° 4	29°12	28°D 3	16°38	15°23	23°24	27° 3	29°34	5° 3	15°20	13°46	11° 4	10°35	T 16
W17	15 42 38	27°25'14	2♐58	0♉ 9	28° 4	17°21	15°34	23°19	27° 1	29°36	5° 4	15°14	13°42	11°11	10°37	W17
T 18	15 46 34	28°23'51	14°57	1° 8	28° 7	18° 4	15°45	23°14	26°59	29°37	5° 5	15° 6	13°39	11°18	10°40	T 18
F 19	15 50 31	29°22'26	27° 3	2°10	28°12	18°47	15°57	23°10	26°57	29°39	5° 5	14°58	13°36	11°24	10°43	F 19
S 20	15 54 27	0♊20'59	9♑18	3°14	28°19	19°30	16° 8	23° 5	26°55	29°40	5° 6	14°50	13°33	11°31	10°45	S 20
S 21	15 58 24	1°19'31	21°44	4°22	28°29	20°13	16°20	23° 1	26°52	29°41	5° 7	14°43	13°30	11°38	10°48	S 21
M22	16 2 21	2°18'01	4♒22	5°32	28°40	20°56	16°32	22°56	26°50	29°43	5° 8	14°38	13°27	11°44	10°51	M22
T 23	16 6 17	3°16'30	17°15	6°44	28°54	21°39	16°43	22°52	26°48	29°44	5° 8	14°34	13°23	11°51	10°53	T 23
W24	16 10 14	4°14'57	0♓26	7°59	29°10	22°22	16°55	22°47	26°46	29°45	5° 9	14°D33	13°20	11°58	10°56	W24
T 25	16 14 10	5°13'22	13°57	9°16	29°28	23° 5	17° 7	22°43	26°44	29°46	5°10	14°33	13°17	12° 4	10°58	T 25
F 26	16 18 7	6°11'46	27°50	10°35	29°48	23°48	17°19	22°38	26°41	29°48	5°11	14°34	13°14	12°11	11° 1	F 26
S 27	16 22 3	7°10'09	12♈ 5	11°56	0♉ 9	24°31	17°31	22°34	26°39	29°49	5°12	14°R35	13°11	12°18	11° 3	S 27
S 28	16 26 0	8° 8'30	26°42	13°20	0°32	25°14	17°43	22°29	26°37	29°50	5°13	14°34	13° 8	12°24	11° 5	S 28
M29	16 29 56	9° 6'50	11♉36	14°45	0°57	25°57	17°55	22°25	26°34	29°51	5°14	14°32	13° 4	12°31	11° 8	M29
T 30	16 33 53	10° 5'08	26°41	16°13	1°24	26°40	18° 8	22°21	26°32	29°52	5°15	14°27	13° 1	12°38	11°10	T 30
W31	16 37 50	11♊ 3'25	11♊48	17♉43	1♉52	27♓23	18♋20	22♏17	26♐30	29♓53	5♌15	14♈20	12♈58	12♏44	11♈12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n13	13n57	1n34	8n46	0s 5	18n10	6n16	10s36	1s25	22n32	0s 6	16s13	2n36	23s14	0s 2	1s 0	0s44	16n55	2s 1	6n 9	5n41	16s33	6n42	3n 5
T 2	15 31	19 53	2 50	8 29	0 20	17 47	6 4	10 21	1 26	22 31	0 6	16 12	2 36	23 14	0 2	0 59	0 44	16 55	2 0	6 8	5 40	16 36	6 43	3 5
W 3	15 48	24 30	3 53	8 14	0 35	17 24	5 51	10 6	1 27	22 30	0 6	16 10	2 36	23 14	0 2	0 59	0 44	16 55	2 0	6 6	5 39	16 39	6 44	3 5
T 4	16 6	27 23	4 39	8 2	0 49	17 1	5 37	9 51	1 28	22 29	0 5	16 9	2 36	23 14	0 2	0 58	0 44	16 55	2 0	6 5	5 38	16 42	6 46	3 5
F 5	16 23	28 17	5 6	7 52	1 2	16 38	5 24	9 36	1 29	22 28	0 5	16 8	2 36	23 14	0 2	0 57	0 44	16 55	2 0	6 3	5 36	16 45	6 47	3 5
S 6	16 40	27 17	5 13	7 45	1 15	16 16	5 10	9 20	1 30	22 27	0 5	16 7	2 36	23 14	0 2	0 57	0 44	16 55	2 0	6 2	5 35	16 48	6 48	3 5
S 7	16 56	24 39	5 2	7 40	1 27	15 55	4 56	9 5	1 31	22 26	0 5	16 6	2 36	23 14	0 2	0 56	0 44	16 55	2 0	6 1	5 34	16 51	6 49	3 5
M 8	17 13	20 47	4 34	7 38	1 38	15 34	4 41	8 50	1 32	22 25	0 5	16 5	2 36	23 14	0 2	0 56	0 44	16 55	2 0	6 0	5 33	16 53	6 51	3 5
T 9	17 28	16 2	3 54	7 38	1 49	15 14	4 27	8 35	1 33	22 24	0 5	16 4	2 36	23 14	0 2	0 55	0 44	16 55	2 0	6 1	5 32	16 56	6 52	3 5
W10	17 44	10 45	3 4	7 40	1 59	14 54	4 12	8 19	1 34	22 23	0 5	16 3	2 36	23 14	0 2	0 54	0 44	16 55	2 0	6 1	5 30	16 59	6 53	3 5
T 11	17 59	5 10	2 6	7 44	2 8	14 36	3 58	8 4	1 35	22 22	0 5	16 2	2 36	23 14	0 2	0 54	0 44	16 55	2 0	6 2	5 29	17 2	6 54	3 6
F 12	18 14	0s31	1 3	7 50	2 16	14 18	3 43	7 48	1 35	22 21	0 5	16 0	2 36	23 14	0 2	0 53	0 44	16 55	1 59	6 2	5 28	17 5	6 56	3 6
S 13	18 29	6 7	0s 1	7 59	2 24	14 1	3 29	7 32	1 36	22 20	0 4	15 59	2 36	23 14	0 2	0 53	0 44	16 55	1 59	6 2	5 27	17 8	6 57	3 6
S 14	18 43	11 29	1 5	8 9	2 30	13 45	3 15	7 17	1 37	22 19	0 4	15 58	2 36	23 14	0 2	0 52	0 44	16 55	1 59	6 2	5 25	17 10	6 58	3 6
M15	18 58	16 26	2 6	8 20	2 37	13 31	3 0	7 1	1 38	22 18	0 4	15 57	2 36	23 14	0 2	0 51	0 44	16 55	1 59	6 1	5 24	17 13	6 59	3 6
T 16	19 11	20 47	3 1	8 34	2 42	13 17	2 47	6 45	1 39	22 17	0 4	15 56	2 36	23 14	0 2	0 51	0 44	16 55	1 59	5 59	5 23	17 16	7 0	3 6
W17	19 25	24 19	3 49	8 49	2 47	13 4	2 33	6 30	1 40	22 16	0 4	15 55	2 36	23 14	0 2	0 50	0 44	16 55	1 59	5 57	5 22	17 19	7 1	3 6
T 18	19 38	26 48	4 27	9 5	2 51	12 53	2 19	6 14	1 41	22 15	0 4	15 54	2 36	23 14	0 2	0 50	0 44	16 54	1 59	5 54	5 21	17 22	7 2	3 6
F 19	19 50	28 5	4 53	9 23	2 55	12 42	2 6	5 58	1 42	22 13	0 4	15 53	2 36	23 14	0 2	0 49	0 44	16 54	1 59	5 51	5 19	17 24	7 3	3 6
S 20	20 3	28 0	5 7	9 42	2 57	12 33	1 53	5 42	1 43	22 12	0 4	15 52	2 36	23 14	0 2	0 49	0 44	16 54	1 59	5 48	5 18	17 27	7 5	3 6
S 21	20 15	26 31	5 6	10 2	3 0	12 24	1 41	5 26	1 44	22 11	0 4	15 51	2 36	23 14	0 2	0 48	0 45	16 54	1 58	5 45	5 17	17 30	7 6	3 6
M22	20 26	23 42	4 50	10 24	3 1	12 17	1 28	5 10	1 45	22 9	0 4	15 50	2 36	23 13	0 2	0 48	0 45	16 54	1 58	5 43	5 16	17 33	7 7	3 6
T 23	20 38	19 39	4 20	10 46	3 2	12 11	1 16	4 54	1 46	22 8	0 3	15 49	2 36	23 13	0 2	0 47	0 45	16 54	1 58	5 42	5 14	17 36	7 8	3 6
W24	20 48	14 35	3 35	11 10	3 2	12 5	1 4	4 38	1 47	22 7	0 3	15 48	2 36	23 13	0 2	0 47	0 45	16 54	1 58	5 41	5 13	17 38	7 9	3 6
T 25	20 59	8 41	2 37	11 34	3 2	12 1	0 53	4 22	1 47	22 5	0 3	15 46	2 36	23 13	0 2	0 46	0 45	16 54	1 58	5 41	5 12	17 41	7 10	3 6
F 26	21 9	2 13	1 29	11 59	3 1	11 57	0 42	4 6	1 48	22 4	0 3	15 45	2 36	23 13	0 2	0 46	0 45	16 54	1 58	5 42	5 11	17 44	7 11	3 6
S 27	21 19	4n32	0 13	12 26	3 0	11 55	0 31	3 50	1 49	22 3	0 3	15 44	2 35	23 13	0 2	0 46	0 45	16 54	1 58	5 42	5 10	17 47	7 12	3 6
S 28	21 28	11 13	1n 5	12 52	2 58	11 53	0 21	3 34	1 50	22 1	0 3	15 43	2 35	23 13	0 2	0 45	0 45	16 53	1 58	5 42	5 8	17 50	7 13	3 6
M29	21 37	17 24	2 20	13 20	2 55	11 52	0 11	3 18	1 51	22 0	0 3	15 42	2 35	23 13	0 2	0 45	0 45	16 53	1 58	5 41	5 7	17 52	7 14	3 7
T 30	21 46	22 35	3 26	13 47	2 52	11 52	0 1	3 2	1 52	21 58	0 3	15 41	2 35	23 13	0 2	0 44	0 45	16 53	1 58	5 39	5 6	17 55	7 15	3 7
W31	21n54	26n15	4n18	14n16	2s48	11n53	0s 9	2s45	1s53	21n57	0s 3	15s41	2n35	23s13	0s 2	0s44	0s45	16n53	1s58	5n36	5n 5	17s58	7n16	3n 7

Julian Day Number = 3058698.5, Delta T = 02h30m23s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'41, Lahiri = 47°09'42

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

JUNE 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 41 46	12♊ 1'40	26♊47	19♉14	2♉22	28♓ 6	18♋32	22°R12	26°R27	29♓54	5♌16	14°R11	12♈55	12♏51	11♈14	T 1
F 2	16 45 43	12°59'53	11♋28	20°48	2°53	28°49	18°45	22♏ 8	26♐25	29°55	5°17	14♈ 2	12°52	12°58	11°16	F 2
S 3	16 49 39	13°58'05	25°46	22°24	3°26	29°32	18°57	22° 4	26°22	29°56	5°18	13°54	12°48	13° 4	11°19	S 3
S 4	16 53 36	14°56'15	9♌35	24° 1	3°59	0♈15	19°10	22° 0	26°20	29°57	5°19	13°47	12°45	13°11	11°21	S 4
M 5	16 57 32	15°54'23	22°55	25°41	4°35	0°58	19°22	21°56	26°17	29°58	5°21	13°42	12°42	13°18	11°23	M 5
T 6	17 1 29	16°52'29	5♍48	27°23	5°11	1°41	19°35	21°52	26°15	29°59	5°22	13°40	12°39	13°24	11°25	T 6
W 7	17 5 25	17°50'33	18°18	29° 6	5°49	2°24	19°48	21°48	26°12	29°59	5°23	13°D39	12°36	13°31	11°26	W 7
T 8	17 9 22	18°48'35	0♎29	0♊52	6°27	3° 6	20° 0	21°44	26°10	0♈ 0	5°24	13°40	12°33	13°38	11°28	T 8
F 9	17 13 19	19°46'35	12°28	2°40	7° 7	3°49	20°13	21°40	26° 7	0° 1	5°25	13°R40	12°29	13°44	11°30	F 9
S 10	17 17 15	20°44'34	24°18	4°29	7°48	4°32	20°26	21°37	26° 5	0° 2	5°26	13°39	12°26	13°51	11°32	S 10
S 11	17 21 12	21°42'31	6♏ 6	6°21	8°30	5°15	20°39	21°33	26° 2	0° 2	5°27	13°37	12°23	13°58	11°34	S 11
M12	17 25 8	22°40'27	17°54	8°15	9°13	5°57	20°52	21°29	26° 0	0° 3	5°28	13°32	12°20	14° 4	11°35	M12
T 13	17 29 5	23°38'21	29°47	10°10	9°57	6°40	21° 5	21°26	25°57	0° 4	5°29	13°25	12°17	14°11	11°37	T 13
W14	17 33 1	24°36'13	11♐47	12° 8	10°41	7°23	21°18	21°22	25°55	0° 4	5°31	13°15	12°14	14°18	11°39	W14
T 15	17 36 58	25°34'05	23°56	14° 7	11°27	8° 5	21°31	21°19	25°52	0° 5	5°32	13° 3	12°10	14°24	11°40	T 15
F 16	17 40 54	26°31'54	6♑15	16° 8	12°14	8°48	21°44	21°15	25°50	0° 5	5°33	12°50	12° 7	14°31	11°42	F 16
S 17	17 44 51	27°29'43	18°45	18°12	13° 1	9°30	21°57	21°12	25°47	0° 6	5°34	12°38	12° 4	14°38	11°43	S 17
S 18	17 48 48	28°27'30	1♒25	20°16	13°49	10°13	22°10	21° 9	25°45	0° 6	5°36	12°27	12° 1	14°44	11°44	S 18
M19	17 52 44	29°25'16	14°17	22°23	14°38	10°55	22°24	21° 6	25°42	0° 7	5°37	12°18	11°58	14°51	11°46	M19
T 20	17 56 41	0♋23'01	27°21	24°31	15°27	11°38	22°37	21° 3	25°40	0° 7	5°38	12°12	11°54	14°58	11°47	T 20
W21	18 0 37	1°20'45	10♓38	26°40	16°18	12°20	22°50	21° 0	25°37	0° 7	5°39	12° 8	11°51	15° 4	11°48	W21
T 22	18 4 34	2°18'28	24° 9	28°50	17° 9	13° 3	23° 3	20°57	25°35	0° 8	5°41	12° 7	11°48	15°11	11°49	T 22
F 23	18 8 30	3°16'10	7♈57	1♋ 1	18° 0	13°45	23°17	20°54	25°32	0° 8	5°42	12° 7	11°45	15°18	11°51	F 23
S 24	18 12 27	4°13'52	22° 1	3°13	18°52	14°27	23°30	20°51	25°30	0° 8	5°43	12° 6	11°42	15°24	11°52	S 24
S 25	18 16 24	5°11'32	6♉21	5°25	19°45	15°10	23°43	20°49	25°27	0° 9	5°45	12° 5	11°39	15°31	11°53	S 25
M26	18 20 20	6° 9'12	20°56	7°38	20°38	15°52	23°57	20°46	25°25	0° 9	5°46	12° 1	11°35	15°38	11°54	M26
T 27	18 24 17	7° 6'51	5♊40	9°50	21°32	16°34	24°10	20°44	25°23	0° 9	5°47	11°55	11°32	15°44	11°55	T 27
W28	18 28 13	8° 4'29	20°29	12° 2	22°27	17°16	24°24	20°41	25°20	0° 9	5°49	11°46	11°29	15°51	11°55	W28
T 29	18 32 10	9° 2'06	5♋12	14°13	23°22	17°58	24°37	20°39	25°18	0° 9	5°50	11°35	11°26	15°58	11°56	T 29
F 30	18 36 6	9♋59'42	19♋43	16♋23	24♉17	18♈40	24♋51	20♏37	25♐15	0♈ 9	5♌51	11♈23	11♈23	16♏ 4	11♈57	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	28n 2	4n51	14n45	2s44	11n54	0s18	2s29	1s54	21n55	0s 2	15s40	2n35	23s13	0s 2	0s44	0s45	16n53	1s57	5n33	5n 3	18s 1	7n17	3n 7
F 2	22 9	27 48	5 5	15 14	2 40	11 56	0 27	2 13	1 55	21 53	0 2	15 39	2 35	23 13	0 2	0 43	0 45	16 53	1 57	5 29	5 2	18 3	7 17	3 7
S 3	22 16	25 42	4 58	15 43	2 34	11 59	0 36	1 57	1 55	21 52	0 2	15 38	2 35	23 13	0 2	0 43	0 45	16 53	1 57	5 26	5 1	18 6	7 18	3 7
S 4	22 23	22 7	4 35	16 13	2 29	12 3	0 44	1 41	1 56	21 50	0 2	15 37	2 35	23 13	0 2	0 43	0 45	16 52	1 57	5 23	5 0	18 9	7 19	3 7
M 5	22 29	17 29	3 57	16 42	2 22	12 7	0 52	1 25	1 57	21 48	0 2	15 36	2 34	23 13	0 2	0 42	0 45	16 52	1 57	5 22	4 58	18 12	7 20	3 7
T 6	22 35	12 13	3 8	17 12	2 16	12 12	1 0	1 9	1 58	21 47	0 2	15 35	2 34	23 13	0 2	0 42	0 45	16 52	1 57	5 21	4 57	18 14	7 21	3 7
W 7	22 41	6 36	2 11	17 41	2 8	12 17	1 7	0 53	1 59	21 45	0 2	15 34	2 34	23 13	0 2	0 42	0 45	16 52	1 57	5 20	4 56	18 17	7 22	3 7
T 8	22 46	0 52	1 10	18 11	2 1	12 23	1 14	0 37	2 0	21 43	0 2	15 33	2 34	23 13	0 2	0 41	0 45	16 52	1 57	5 21	4 55	18 20	7 23	3 7
F 9	22 50	4s47	0 6	18 40	1 53	12 29	1 21	0 21	2 1	21 42	0 2	15 33	2 34	23 13	0 2	0 41	0 45	16 52	1 57	5 21	4 54	18 23	7 23	3 7
S 10	22 54	10 13	0s56	19 8	1 44	12 36	1 28	0 5	2 1	21 40	0 2	15 32	2 34	23 13	0 2	0 41	0 45	16 51	1 57	5 21	4 52	18 25	7 24	3 8
S 11	22 58	15 16	1 56	19 36	1 36	12 44	1 34	0n11	2 2	21 38	0 2	15 31	2 33	23 12	0 2	0 41	0 45	16 51	1 57	5 20	4 51	18 28	7 25	3 8
M12	23 2	19 46	2 51	20 4	1 26	12 51	1 40	0 27	2 3	21 36	0 1	15 30	2 33	23 12	0 2	0 40	0 45	16 51	1 56	5 18	4 50	18 31	7 26	3 8
T 13	23 5	23 30	3 39	20 30	1 17	13 0	1 46	0 43	2 4	21 34	0 1	15 30	2 33	23 12	0 2	0 40	0 45	16 51	1 56	5 15	4 49	18 33	7 26	3 8
W14	23 7	26 15	4 18	20 56	1 7	13 8	1 51	0 59	2 5	21 32	0 1	15 29	2 33	23 12	0 2	0 40	0 45	16 51	1 56	5 11	4 47	18 36	7 27	3 8
T 15	23 9	27 50	4 45	21 21	0 57	13 17	1 57	1 15	2 6	21 30	0 1	15 28	2 33	23 12	0 2	0 40	0 45	16 50	1 56	5 7	4 46	18 39	7 28	3 8
F 16	23 11	28 4	4 59	21 44	0 47	13 26	2 2	1 31	2 6	21 28	0 1	15 27	2 33	23 12	0 2	0 40	0 45	16 50	1 56	5 2	4 45	18 41	7 28	3 8
S 17	23 12	26 52	4 59	22 6	0 36	13 36	2 7	1 47	2 7	21 26	0 1	15 27	2 32	23 12	0 2	0 39	0 45	16 50	1 56	4 57	4 44	18 44	7 29	3 8
S 18	23 13	24 18	4 45	22 27	0 26	13 45	2 11	2 3	2 8	21 24	0 1	15 26	2 32	23 12	0 2	0 39	0 45	16 50	1 56	4 53	4 43	18 47	7 30	3 8
M19	23 14	20 29	4 16	22 45	0 15	13 56	2 15	2 18	2 9	21 22	0 1	15 26	2 32	23 12	0 2	0 39	0 45	16 50	1 56	4 49	4 41	18 50	7 30	3 8
T 20	23 14	15 38	3 33	23 2	0 5	14 6	2 20	2 34	2 10	21 20	0 1	15 25	2 32	23 12	0 2	0 39	0 46	16 49	1 56	4 47	4 40	18 52	7 31	3 8
W21	23 13	9 58	2 38	23 17	0n 6	14 16	2 23	2 50	2 10	21 18	0 1	15 24	2 32	23 12	0 2	0 39	0 46	16 49	1 56	4 45	4 39	18 55	7 31	3 9
T 22	23 12	3 44	1 34	23 30	0 16	14 27	2 27	3 5	2 11	21 16	0 0	15 24	2 31	23 12	0 2	0 39	0 46	16 49	1 56	4 45	4 38	18 58	7 32	3 9
F 23	23 11	2n47	0 22	23 40	0 27	14 38	2 31	3 21	2 12	21 14	0 0	15 23	2 31	23 12	0 2	0 39	0 46	16 49	1 55	4 45	4 36	19 0	7 33	3 9
S 24	23 10	9 18	0n52	23 48	0 37	14 49	2 34	3 36	2 13	21 12	0 0	15 23	2 31	23 12	0 2	0 39	0 46	16 48	1 55	4 45	4 35	19 3	7 33	3 9
S 25	23 8	15 29	2 4	23 53	0 46	15 0	2 37	3 52	2 13	21 10	0 0	15 22	2 31	23 11	0 2	0 39	0 46	16 48	1 55	4 44	4 34	19 6	7 34	3 9
M26	23 5	20 53	3 10	23 56	0 56	15 11	2 40	4 7	2 14	21 7	0 0	15 22	2 31	23 11	0 2	0 39	0 46	16 48	1 55	4 43	4 33	19 8	7 34	3 9
T 27	23 2	25 3	4 3	23 56	1 5	15 22	2 42	4 23	2 15	21 5	0 0	15 21	2 30	23 11	0 2	0 39	0 46	16 48	1 55	4 40	4 31	19 11	7 34	3 9
W28	22 59	27 33	4 40	23 54	1 13	15 34	2 45	4 38	2 16	21 3	0n 0	15 21	2 30	23 11	0 2	0 39	0 46	16 47	1 55	4 37	4 30	19 13	7 35	3 9
T 29	22 55	28 6	4 59	23 49	1 20	15 45	2 47	4 53	2 16	21 1	0 0	15 21	2 30	23 11	0 2	0 39	0 46	16 47	1 55	4 32	4 29	19 16	7 35	3 9
F 30	22n51	26n42	4n57	23n41	1n28	15n56	2s49	5n 8	2s17	20n58	0n 0	15s20	2n30	23s11	0s 2	0s39	0s46	16n47	1s55	4n28	4n28	19s19	7n36	3n 9

Julian Day Number = 3058729.5, Delta T = 02h30m23s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'46, Lahiri = 47°09'46

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

JULY 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 40 3	10♋57'17	3♌55	18♋32	25♉13	19♈22	25♋ 4	20°R35	25°R13	0♈ 9	5♌53	11°R12	11♈20	16♏11	11♈58	S 1
S 2	18 43 59	11°54'51	17°42	20°39	26° 9	20° 4	25°18	20♏33	25♐11	0°R 9	5°54	11♈ 3	11°16	16°18	11°58	S 2
M 3	18 47 56	12°52'24	1♍ 3	22°45	27° 6	20°46	25°32	20°31	25° 8	0° 9	5°56	10°56	11°13	16°24	11°59	M 3
T 4	18 51 53	13°49'55	13°58	24°49	28° 3	21°27	25°45	20°29	25° 6	0° 9	5°57	10°52	11°10	16°31	12° 0	T 4
W 5	18 55 49	14°47'26	26°30	26°51	29° 1	22° 9	25°59	20°27	25° 4	0° 9	5°59	10°50	11° 7	16°38	12° 0	W 5
T 6	18 59 46	15°44'55	8♎43	28°51	29°59	22°50	26°12	20°25	25° 1	0° 9	6° 0	10°50	11° 4	16°44	12° 0	T 6
F 7	19 3 42	16°42'24	20°43	0♌49	0♊58	23°32	26°26	20°24	24°59	0° 9	6° 1	10°50	11° 0	16°51	12° 1	F 7
S 8	19 7 39	17°39'51	2♏34	2°45	1°56	24°13	26°40	20°22	24°57	0° 9	6° 3	10°49	10°57	16°58	12° 1	S 8
S 9	19 11 35	18°37'17	14°23	4°38	2°55	24°55	26°53	20°21	24°54	0° 8	6° 4	10°47	10°54	17° 4	12° 1	S 9
M10	19 15 32	19°34'43	26°14	6°29	3°55	25°36	27° 7	20°20	24°52	0° 8	6° 6	10°42	10°51	17°11	12° 2	M10
T 11	19 19 28	20°32'07	8♐11	8°18	4°55	26°17	27°21	20°18	24°50	0° 8	6° 7	10°35	10°48	17°18	12° 2	T 11
W12	19 23 25	21°29'31	20°18	10° 4	5°55	26°58	27°35	20°17	24°48	0° 7	6° 9	10°25	10°45	17°24	12° 2	W12
T 13	19 27 22	22°26'54	2♑38	11°48	6°55	27°39	27°48	20°16	24°46	0° 7	6°10	10°14	10°41	17°31	12° 2	T 13
F 14	19 31 18	23°24'16	15°10	13°29	7°56	28°20	28° 2	20°15	24°44	0° 7	6°12	10° 1	10°38	17°38	12°R 2	F 14
S 15	19 35 15	24°21'37	27°57	15° 8	8°57	29° 1	28°16	20°15	24°42	0° 6	6°13	9°49	10°35	17°44	12° 2	S 15
S 16	19 39 11	25°18'58	10♒57	16°45	9°59	29°42	28°29	20°14	24°40	0° 6	6°15	9°38	10°32	17°51	12° 2	S 16
M17	19 43 8	26°16'19	24° 9	18°19	11° 0	0♉22	28°43	20°13	24°38	0° 5	6°16	9°29	10°29	17°58	12° 2	M17
T 18	19 47 4	27°13'39	7♓32	19°50	12° 2	1° 3	28°57	20°13	24°36	0° 5	6°18	9°23	10°26	18° 4	12° 2	T 18
W19	19 51 1	28°10'59	21° 6	21°19	13° 4	1°43	29°11	20°12	24°34	0° 4	6°19	9°19	10°22	18°11	12° 1	W19
T 20	19 54 58	29° 8'18	4♈49	22°46	14° 7	2°24	29°24	20°12	24°32	0° 4	6°21	9°D18	10°19	18°18	12° 1	T 20
F 21	19 58 54	0♌ 5'38	18°42	24°10	15°10	3° 4	29°38	20°12	24°30	0° 3	6°22	9°18	10°16	18°24	12° 1	F 21
S 22	20 2 51	1° 2'57	2♉44	25°31	16°12	3°44	29°52	20°D12	24°28	0° 3	6°24	9°R19	10°13	18°31	12° 0	S 22
S 23	20 6 47	2° 0'17	16°54	26°49	17°16	4°24	0♌ 6	20°12	24°26	0° 2	6°25	9°18	10°10	18°38	12° 0	S 23
M24	20 10 44	2°57'36	1♊12	28° 5	18°19	5° 4	0°19	20°12	24°24	0° 1	6°27	9°15	10° 6	18°44	11°59	M24
T 25	20 14 40	3°54'56	15°35	29°19	19°23	5°44	0°33	20°12	24°23	0° 1	6°28	9°10	10° 3	18°51	11°59	T 25
W26	20 18 37	4°52'16	29°58	0♍29	20°27	6°24	0°47	20°12	24°21	29♓59	6°30	9° 2	10° 0	18°58	11°58	W26
T 27	20 22 33	5°49'35	14♋17	1°37	21°31	7° 3	1° 0	20°13	24°19	29°59	6°31	8°53	9°57	19° 4	11°57	T 27
F 28	20 26 30	6°46'55	28°26	2°41	22°35	7°43	1°14	20°13	24°17	29°58	6°33	8°43	9°54	19°11	11°57	F 28
S 29	20 30 27	7°44'14	12♌19	3°43	23°40	8°22	1°28	20°14	24°16	29°57	6°34	8°34	9°51	19°18	11°56	S 29
S 30	20 34 23	8°41'33	25°53	4°42	24°44	9° 1	1°42	20°15	24°14	29°57	6°36	8°26	9°47	19°25	11°55	S 30
M31	20 38 20	9♌38'52	9♍ 5	5♍37	25♊49	9♉40	1♌55	20♏16	24♐13	29♓56	6♌37	8♈20	9♈44	19♏31	11♈54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n47	23n36	4n37	23n31	1n34	16n 8	2s51	5n23	2s18	20n56	0n 0	15s20	2n29	23s11	0s 3	0s39	0s46	16n47	1s55	4n24	4n27	19s21	7n36	3n10
S 2	22 42	19 14	4 2	23 18	1 40	16 19	2 53	5 38	2 18	20 54	0 0	15 20	2 29	23 11	0 3	0 39	0 46	16 46	1 55	4 20	4 25	19 24	7 36	3 10
M 3	22 37	14 2	3 14	23 3	1 44	16 30	2 55	5 53	2 19	20 51	0 1	15 19	2 29	23 11	0 3	0 39	0 46	16 46	1 55	4 18	4 24	19 27	7 37	3 10
T 4	22 31	8 22	2 17	22 45	1 49	16 41	2 56	6 8	2 20	20 49	0 1	15 19	2 29	23 11	0 3	0 39	0 46	16 46	1 55	4 16	4 23	19 29	7 37	3 10
W 5	22 25	2 32	1 15	22 26	1 52	16 53	2 57	6 23	2 20	20 47	0 1	15 19	2 28	23 11	0 3	0 39	0 46	16 46	1 55	4 15	4 22	19 32	7 37	3 10
T 6	22 18	3s15	0 11	22 5	1 54	17 4	2 58	6 37	2 21	20 44	0 1	15 19	2 28	23 11	0 3	0 39	0 46	16 45	1 54	4 15	4 20	19 34	7 38	3 10
F 7	22 12	8 49	0s52	21 41	1 56	17 15	2 59	6 52	2 22	20 42	0 1	15 19	2 28	23 11	0 3	0 39	0 46	16 45	1 54	4 15	4 19	19 37	7 38	3 10
S 8	22 4	14 1	1 52	21 17	1 57	17 25	3 0	7 6	2 22	20 39	0 1	15 18	2 28	23 11	0 3	0 39	0 46	16 45	1 54	4 15	4 18	19 40	7 38	3 10
S 9	21 57	18 41	2 48	20 50	1 57	17 36	3 1	7 21	2 23	20 37	0 1	15 18	2 27	23 10	0 3	0 39	0 46	16 45	1 54	4 14	4 17	19 42	7 38	3 10
M10	21 49	22 38	3 36	20 22	1 57	17 47	3 1	7 35	2 23	20 34	0 1	15 18	2 27	23 10	0 3	0 39	0 46	16 44	1 54	4 12	4 15	19 45	7 38	3 11
T 11	21 40	25 40	4 15	19 54	1 56	17 57	3 1	7 49	2 24	20 32	0 1	15 18	2 27	23 10	0 3	0 39	0 46	16 44	1 54	4 9	4 14	19 47	7 39	3 11
W12	21 32	27 35	4 43	19 24	1 54	18 7	3 2	8 3	2 25	20 29	0 1	15 18	2 27	23 10	0 3	0 40	0 46	16 44	1 54	4 5	4 13	19 50	7 39	3 11
T 13	21 23	28 10	4 58	18 53	1 51	18 17	3 2	8 17	2 25	20 26	0 1	15 18	2 26	23 10	0 3	0 40	0 46	16 43	1 54	4 1	4 12	19 52	7 39	3 11
F 14	21 13	27 20	5 0	18 21	1 48	18 27	3 1	8 31	2 26	20 24	0 2	15 18	2 26	23 10	0 3	0 40	0 46	16 43	1 54	3 56	4 10	19 55	7 39	3 11
S 15	21 3	25 4	4 46	17 48	1 43	18 37	3 1	8 45	2 26	20 21	0 2	15 18	2 26	23 10	0 3	0 40	0 46	16 43	1 54	3 51	4 9	19 58	7 39	3 11
S 16	20 53	21 28	4 18	17 15	1 39	18 46	3 1	8 58	2 27	20 19	0 2	15 18	2 26	23 10	0 3	0 40	0 46	16 42	1 54	3 47	4 8	20 0	7 39	3 11
M17	20 43	16 44	3 35	16 41	1 33	18 55	3 0	9 12	2 27	20 16	0 2	15 18	2 25	23 10	0 3	0 41	0 46	16 42	1 54	3 44	4 7	20 3	7 39	3 11
T 18	20 32	11 9	2 40	16 7	1 27	19 4	3 0	9 25	2 28	20 13	0 2	15 18	2 25	23 10	0 3	0 41	0 46	16 42	1 54	3 41	4 6	20 5	7 39	3 11
W19	20 21	4 58	1 35	15 32	1 20	19 12	2 59	9 39	2 28	20 10	0 2	15 19	2 25	23 10	0 3	0 41	0 47	16 42	1 54	3 40	4 4	20 8	7 39	3 11
T 20	20 9	1n32	0 24	14 58	1 13	19 21	2 58	9 52	2 29	20 8	0 2	15 19	2 25	23 10	0 3	0 41	0 47	16 41	1 54	3 39	4 3	20 10	7 39	3 12
F 21	19 57	8 2	0n50	14 23	1 5	19 29	2 57	10 5	2 29	20 5	0 2	15 19	2 24	23 10	0 3	0 42	0 47	16 41	1 53	3 39	4 2	20 13	7 39	3 12
S 22	19 45	14 13	2 1	13 48	0 57	19 36	2 56	10 18	2 30	20 2	0 2	15 19	2 24	23 9	0 3	0 42	0 47	16 41	1 53	3 39	4 1	20 15	7 39	3 12
S 23	19 32	19 42	3 6	13 13	0 48	19 43	2 55	10 31	2 30	19 59	0 2	15 19	2 24	23 9	0 3	0 42	0 47	16 40	1 53	3 39	3 59	20 18	7 39	3 12
M24	19 19	24 8	4 0	12 38	0 39	19 50	2 53	10 44	2 31	19 57	0 2	15 20	2 24	23 9	0 3	0 42	0 47	16 40	1 53	3 38	3 58	20 20	7 39	3 12
T 25	19 6	27 4	4 38	12 4	0 29	19 57	2 52	10 56	2 31	19 54	0 2	15 20	2 23	23 9	0 3	0 43	0 47	16 40	1 53	3 36	3 57	20 23	7 39	3 12
W26	18 53	28 13	5 0	11 29	0 18	20 3	2 51	11 9	2 31	19 51	0 3	15 20	2 23	23 9	0 3	0 43	0 47	16 39	1 53	3 33	3 56	20 25	7 39	3 12
T 27	18 39	27 28	5 2	10 55	0 7	20 9	2 49	11 21	2 32	19 48	0 3	15 21	2 23	23 9	0 3	0 43	0 47	16 39	1 53	3 30	3 54	20 28	7 38	3 12
F 28	18 25	24 57	4 46	10 22	0s 4	20 14	2 47	11 33	2 32	19 45	0 3	15 21	2 23	23 9	0 3	0 44	0 47	16 39	1 53	3 26	3 53	20 30	7 38	3 12
S 29	18 10	21 0	4 13	9 49	0 16	20 19	2 45	11 46	2 33	19 42	0 3	15 22	2 22	23 9	0 3	0 44	0 47	16 38	1 53	3 22	3 52	20 33	7 38	3 12
S 30	17 56	16 1	3 26	9 16	0 28	20 24	2 43	11 57	2 33	19 39	0 3	15 22	2 22	23 9	0 3	0 44	0 47	16 38	1 53	3 19	3 51	20 35	7 38	3 12
M31	17n41	10n24	2n29	8n45	0s40	20n28	2s42	12n 9	2s33	19n36	0n 3	15s23	2n22	23s 9	0s 3	0s45	0s47	16n38	1s53	3n17	3n49	20s38	7n37	3n13

Julian Day Number = 3058759.5, Delta T = 02h30m24s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'50, Lahiri = 47°09'50

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

AUGUST 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 42 16	10♌36'10	21♍55	6♍29	26♊54	10♉19	2♌ 9	20♏16	24°R11	29°R55	6♌39	8°R17	9♈41	19♏38	11°R53	T 1
W 2	20 46 13	11°33'29	4♎25	7°18	27°59	10°58	2°22	20°17	24♐10	29♓54	6°41	8°D15	9°38	19°45	11♈52	W 2
T 3	20 50 9	12°30'47	16°39	8° 3	29° 5	11°36	2°36	20°19	24° 8	29°53	6°42	8♈15	9°35	19°51	11°51	T 3
F 4	20 54 6	13°28'05	28°39	8°44	0♋10	12°15	2°50	20°20	24° 7	29°52	6°44	8°16	9°32	19°58	11°50	F 4
S 5	20 58 2	14°25'22	10♏32	9°22	1°16	12°53	3° 3	20°21	24° 6	29°51	6°45	8°R17	9°28	20° 5	11°49	S 5
S 6	21 1 59	15°22'40	22°22	9°55	2°22	13°31	3°17	20°22	24° 5	29°50	6°47	8°17	9°25	20°11	11°48	S 6
M 7	21 5 56	16°19'58	4♐15	10°25	3°28	14° 9	3°30	20°24	24° 3	29°49	6°48	8°15	9°22	20°18	11°47	M 7
T 8	21 9 52	17°17'15	16°16	10°50	4°34	14°46	3°44	20°26	24° 2	29°48	6°50	8°11	9°19	20°25	11°45	T 8
W 9	21 13 49	18°14'32	28°28	11°11	5°41	15°24	3°57	20°27	24° 1	29°47	6°51	8° 5	9°16	20°31	11°44	W 9
T 10	21 17 45	19°11'50	10♑54	11°27	6°47	16° 1	4°11	20°29	24° 0	29°45	6°53	7°58	9°12	20°38	11°43	T 10
F 11	21 21 42	20° 9'07	23°38	11°39	7°54	16°39	4°24	20°31	23°59	29°44	6°54	7°50	9° 9	20°45	11°41	F 11
S 12	21 25 38	21° 6'25	6♒40	11°46	9° 1	17°16	4°38	20°33	23°58	29°43	6°56	7°42	9° 6	20°51	11°40	S 12
S 13	21 29 35	22° 3'43	19°59	11°R48	10° 8	17°52	4°51	20°35	23°57	29°42	6°57	7°35	9° 3	20°58	11°38	S 13
M14	21 33 31	23° 1'01	3♓33	11°45	11°15	18°29	5° 4	20°37	23°56	29°41	6°59	7°29	9° 0	21° 5	11°37	M14
T 15	21 37 28	23°58'19	17°21	11°37	12°22	19° 5	5°18	20°39	23°55	29°40	7° 0	7°26	8°57	21°11	11°35	T 15
W16	21 41 25	24°55'38	1♈18	11°25	13°30	19°42	5°31	20°42	23°54	29°38	7° 1	7°D24	8°53	21°18	11°33	W16
T 17	21 45 21	25°52'58	15°23	11° 8	14°37	20°18	5°44	20°44	23°54	29°37	7° 3	7°24	8°50	21°25	11°32	T 17
F 18	21 49 18	26°50'18	29°32	10°46	15°45	20°54	5°57	20°47	23°53	29°36	7° 4	7°25	8°47	21°31	11°30	F 18
S 19	21 53 14	27°47'39	13♉44	10°19	16°53	21°29	6°11	20°49	23°52	29°34	7° 6	7°26	8°44	21°38	11°28	S 19
S 20	21 57 11	28°45'01	27°55	9°49	18° 1	22° 4	6°24	20°52	23°52	29°33	7° 7	7°R27	8°41	21°45	11°26	S 20
M21	22 1 7	29°42'24	12♊ 5	9°14	19° 9	22°40	6°37	20°55	23°51	29°32	7° 9	7°26	8°38	21°51	11°25	M21
T 22	22 5 4	0♍39'48	26°12	8°37	20°17	23°14	6°50	20°58	23°51	29°30	7°10	7°24	8°34	21°58	11°23	T 22
W23	22 9 0	1°37'13	10♋13	7°56	21°25	23°49	7° 3	21° 1	23°50	29°29	7°12	7°21	8°31	22° 5	11°21	W23
T 24	22 12 57	2°34'38	24° 6	7°14	22°34	24°24	7°16	21° 4	23°50	29°27	7°13	7°16	8°28	22°12	11°19	T 24
F 25	22 16 54	3°32'04	7♌47	6°29	23°42	24°58	7°29	21° 7	23°49	29°26	7°14	7°10	8°25	22°18	11°17	F 25
S 26	22 20 50	4°29'32	21°15	5°45	24°51	25°31	7°42	21°10	23°49	29°25	7°16	7° 5	8°22	22°25	11°15	S 26
S 27	22 24 47	5°26'59	4♍28	5° 0	26° 0	26° 5	7°55	21°14	23°49	29°23	7°17	7° 1	8°18	22°32	11°13	S 27
M28	22 28 43	6°24'28	17°24	4°16	27° 8	26°38	8° 8	21°17	23°49	29°22	7°19	6°58	8°15	22°38	11°11	M28
T 29	22 32 40	7°21'57	0♎ 3	3°34	28°17	27°11	8°21	21°21	23°48	29°20	7°20	6°57	8°12	22°45	11° 8	T 29
W30	22 36 36	8°19'27	12°26	2°54	29°27	27°44	8°33	21°24	23°48	29°19	7°21	6°D57	8° 9	22°52	11° 6	W30
T 31	22 40 33	9♍16'58	24♎35	2♍18	0♌36	28♉16	8♌46	21♏28	23♐48	29♓17	7♌23	6♈58	8♈ 6	22♏58	11♈ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n25	4n30	1n26	8n14	0s53	20n32	2s39	12n21	2s34	19n33	0n 3	15s23	2n21	23s 9	0s 3	0s45	0s47	16n37	1s53	3n15	3n48	20s40	7n37	3n13
W 2	17 10	1s26	0 21	7 44	1 6	20 36	2 37	12 33	2 34	19 31	0 3	15 24	2 21	23 9	0 3	0 46	0 47	16 37	1 53	3 15	3 47	20 43	7 37	3 13
T 3	16 54	7 11	0s45	7 15	1 20	20 38	2 35	12 44	2 34	19 28	0 3	15 24	2 21	23 9	0 3	0 46	0 47	16 37	1 53	3 15	3 46	20 45	7 37	3 13
F 4	16 38	12 35	1 47	6 47	1 33	20 41	2 33	12 55	2 34	19 25	0 3	15 25	2 21	23 9	0 3	0 46	0 47	16 36	1 53	3 15	3 45	20 48	7 36	3 13
S 5	16 22	17 27	2 44	6 20	1 47	20 43	2 30	13 6	2 35	19 22	0 4	15 25	2 20	23 9	0 3	0 47	0 47	16 36	1 53	3 15	3 43	20 50	7 36	3 13
S 6	16 5	21 39	3 34	5 55	2 1	20 45	2 28	13 17	2 35	19 19	0 4	15 26	2 20	23 9	0 3	0 47	0 47	16 36	1 53	3 15	3 42	20 53	7 35	3 13
M 7	15 48	24 59	4 15	5 31	2 15	20 46	2 25	13 28	2 35	19 16	0 4	15 27	2 20	23 9	0 3	0 48	0 47	16 36	1 53	3 15	3 41	20 55	7 35	3 13
T 8	15 31	27 15	4 45	5 8	2 29	20 46	2 23	13 39	2 35	19 13	0 4	15 27	2 20	23 9	0 3	0 48	0 47	16 35	1 52	3 13	3 40	20 58	7 35	3 13
W 9	15 14	28 16	5 3	4 47	2 43	20 47	2 20	13 50	2 35	19 9	0 4	15 28	2 19	23 9	0 3	0 49	0 47	16 35	1 52	3 11	3 38	21 0	7 34	3 13
T 10	14 56	27 53	5 7	4 28	2 57	20 46	2 17	14 0	2 36	19 6	0 4	15 29	2 19	23 8	0 3	0 49	0 47	16 35	1 52	3 8	3 37	21 2	7 34	3 13
F 11	14 38	26 2	4 56	4 11	3 11	20 45	2 14	14 10	2 36	19 3	0 4	15 29	2 19	23 8	0 3	0 50	0 47	16 34	1 52	3 5	3 36	21 5	7 33	3 13
S 12	14 20	22 47	4 29	3 56	3 25	20 44	2 12	14 21	2 36	19 0	0 4	15 30	2 19	23 8	0 3	0 50	0 47	16 34	1 52	3 2	3 35	21 7	7 33	3 14
S 13	14 2	18 18	3 48	3 42	3 38	20 42	2 9	14 31	2 36	18 57	0 4	15 31	2 18	23 8	0 3	0 51	0 47	16 34	1 52	2 59	3 33	21 10	7 32	3 14
M14	13 43	12 48	2 53	3 32	3 51	20 40	2 6	14 40	2 36	18 54	0 4	15 32	2 18	23 8	0 3	0 51	0 47	16 33	1 52	2 57	3 32	21 12	7 32	3 14
T 15	13 25	6 36	1 46	3 23	4 3	20 37	2 3	14 50	2 36	18 51	0 4	15 33	2 18	23 8	0 3	0 52	0 47	16 33	1 52	2 55	3 31	21 14	7 31	3 14
W16	13 6	0n 1	0 33	3 17	4 15	20 34	2 0	15 0	2 36	18 48	0 5	15 33	2 17	23 8	0 3	0 52	0 47	16 33	1 52	2 55	3 30	21 17	7 30	3 14
T 17	12 47	6 40	0n43	3 14	4 25	20 30	1 57	15 9	2 36	18 45	0 5	15 34	2 17	23 8	0 3	0 53	0 47	16 32	1 52	2 55	3 28	21 19	7 30	3 14
F 18	12 28	13 2	1 57	3 13	4 35	20 26	1 53	15 18	2 36	18 42	0 5	15 35	2 17	23 8	0 3	0 53	0 47	16 32	1 52	2 55	3 27	21 22	7 29	3 14
S 19	12 8	18 45	3 4	3 15	4 44	20 21	1 50	15 28	2 36	18 38	0 5	15 36	2 17	23 8	0 3	0 54	0 47	16 32	1 52	2 56	3 26	21 24	7 29	3 14
S 20	11 48	23 25	4 0	3 19	4 51	20 16	1 47	15 37	2 36	18 35	0 5	15 37	2 16	23 8	0 3	0 54	0 47	16 31	1 52	2 56	3 25	21 26	7 28	3 14
M21	11 29	26 41	4 41	3 26	4 57	20 10	1 44	15 45	2 36	18 32	0 5	15 38	2 16	23 8	0 3	0 55	0 47	16 31	1 52	2 56	3 23	21 29	7 27	3 14
T 22	11 8	28 15	5 5	3 36	5 2	20 3	1 40	15 54	2 36	18 29	0 5	15 39	2 16	23 8	0 3	0 55	0 47	16 31	1 52	2 55	3 22	21 31	7 27	3 14
W23	10 48	28 0	5 11	3 48	5 5	19 57	1 37	16 3	2 36	18 26	0 5	15 40	2 16	23 8	0 3	0 56	0 47	16 30	1 52	2 53	3 21	21 33	7 26	3 14
T 24	10 28	25 59	4 58	4 2	5 6	19 49	1 34	16 11	2 36	18 23	0 5	15 41	2 15	23 8	0 3	0 56	0 48	16 30	1 52	2 51	3 20	21 36	7 25	3 14
F 25	10 7	22 29	4 28	4 19	5 5	19 41	1 30	16 19	2 36	18 19	0 5	15 42	2 15	23 8	0 3	0 57	0 48	16 30	1 52	2 49	3 18	21 38	7 24	3 14
S 26	9 47	17 49	3 44	4 37	5 3	19 33	1 27	16 27	2 35	18 16	0 5	15 43	2 15	23 8	0 3	0 58	0 48	16 29	1 52	2 47	3 17	21 41	7 24	3 14
S 27	9 26	12 24	2 48	4 57	4 59	19 24	1 23	16 35	2 35	18 13	0 6	15 44	2 15	23 8	0 3	0 58	0 48	16 29	1 52	2 46	3 16	21 43	7 23	3 14
M28	9 5	6 33	1 45	5 18	4 53	19 14	1 20	16 43	2 35	18 10	0 6	15 45	2 14	23 8	0 3	0 59	0 48	16 29	1 52	2 45	3 15	21 45	7 22	3 14
T 29	8 44	0 34	0 38	5 40	4 45	19 4	1 17	16 51	2 35	18 7	0 6	15 47	2 14	23 8	0 3	0 59	0 48	16 29	1 52	2 44	3 14	21 48	7 21	3 14
W30	8 23	5s20	0s30	6 3	4 36	18 54	1 13	16 58	2 35	18 4	0 6	15 48	2 14	23 8	0 3	1 0	0 48	16 28	1 52	2 44	3 12	21 50	7 20	3 14
T 31	8n 1	10s56	1s35	6n26	4s25	18n43	1s10	17n 6	2s34	18n 0	0n 6	15s49	2n14	23s 8	0s 3	1s 1	0s48	16n28	1s52	2n44	3n11	21s52	7n20	3n14

Julian Day Number = 3058790.5, Delta T = 02h30m25s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'54, Lahiri = 47°09'55

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

SEPTEMBER 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 44 29	10♍14'29	6♏35	1°R46	1♌45	28♉48	8♌59	21♏32	23°D48	29°R16	7♌24	6♈59	8♈ 3	23♏ 5	11°R 2	F 1
S 2	22 48 26	11°12'01	18°27	1♍18	2°54	29°20	9°11	21°36	23♐48	29♓14	7°25	7° 1	7°59	23°12	10♈59	S 2
S 3	22 52 23	12° 9'34	0♐18	0°56	4° 4	29°52	9°24	21°40	23°48	29°13	7°26	7° 2	7°56	23°18	10°57	S 3
M 4	22 56 19	13° 7'07	12°11	0°40	5°14	0♊23	9°36	21°44	23°49	29°11	7°28	7°R 3	7°53	23°25	10°55	M 4
T 5	23 0 16	14° 4'42	24°12	0°29	6°23	0°54	9°49	21°48	23°49	29° 9	7°29	7° 2	7°50	23°32	10°52	T 5
W 6	23 4 12	15° 2'17	6♑24	0°D26	7°33	1°24	10° 1	21°52	23°49	29° 8	7°30	7° 1	7°47	23°38	10°50	W 6
T 7	23 8 9	15°59'52	18°53	0°29	8°43	1°54	10°13	21°56	23°49	29° 6	7°32	6°59	7°44	23°45	10°48	T 7
F 8	23 12 5	16°57'29	1♒42	0°39	9°53	2°24	10°25	22° 0	23°50	29° 5	7°33	6°56	7°40	23°52	10°45	F 8
S 9	23 16 2	17°55'06	14°51	0°57	11° 3	2°53	10°38	22° 5	23°50	29° 3	7°34	6°53	7°37	23°58	10°43	S 9
S 10	23 19 58	18°52'45	28°23	1°21	12°13	3°22	10°50	22° 9	23°51	29° 2	7°35	6°51	7°34	24° 5	10°40	S 10
M11	23 23 55	19°50'24	12♓16	1°53	13°23	3°51	11° 2	22°14	23°51	29° 0	7°36	6°49	7°31	24°12	10°38	M11
T 12	23 27 52	20°48'04	26°26	2°32	14°34	4°19	11°14	22°19	23°52	28°58	7°38	6°48	7°28	24°18	10°35	T 12
W13	23 31 48	21°45'46	10♈50	3°18	15°44	4°47	11°26	22°23	23°52	28°57	7°39	6°D48	7°24	24°25	10°33	W13
T 14	23 35 45	22°43'29	25°21	4°11	16°55	5°15	11°37	22°28	23°53	28°55	7°40	6°48	7°21	24°32	10°30	T 14
F 15	23 39 41	23°41'13	9♉55	5°11	18° 5	5°42	11°49	22°33	23°54	28°53	7°41	6°49	7°18	24°39	10°27	F 15
S 16	23 43 38	24°38'59	24°26	6°17	19°16	6° 8	12° 1	22°38	23°54	28°52	7°42	6°50	7°15	24°45	10°25	S 16
S 17	23 47 34	25°36'46	8♊49	7°30	20°27	6°34	12°13	22°43	23°55	28°50	7°43	6°51	7°12	24°52	10°22	S 17
M18	23 51 31	26°34'36	23° 3	8°48	21°38	7° 0	12°24	22°48	23°56	28°48	7°44	6°R51	7° 9	24°59	10°19	M18
T 19	23 55 27	27°32'26	7♋ 3	10°12	22°49	7°25	12°36	22°53	23°57	28°47	7°45	6°51	7° 5	25° 5	10°17	T 19
W20	23 59 24	28°30'19	20°50	11°41	24° 0	7°50	12°47	22°58	23°58	28°45	7°46	6°51	7° 2	25°12	10°14	W20
T 21	0 3 21	29°28'13	4♌22	13°14	25°11	8°14	12°58	23° 3	23°59	28°44	7°47	6°50	6°59	25°19	10°11	T 21
F 22	0 7 17	0♎26'09	17°40	14°52	26°23	8°38	13°10	23° 9	24° 0	28°42	7°48	6°49	6°56	25°25	10° 9	F 22
S 23	0 11 14	1°24'06	0♍44	16°34	27°34	9° 1	13°21	23°14	24° 1	28°40	7°49	6°48	6°53	25°32	10° 6	S 23
S 24	0 15 10	2°22'04	13°33	18°19	28°45	9°24	13°32	23°19	24° 3	28°39	7°50	6°48	6°49	25°39	10° 3	S 24
M25	0 19 7	3°20'05	26° 9	20° 7	29°57	9°46	13°43	23°25	24° 4	28°37	7°51	6°48	6°46	25°45	10° 1	M25
T 26	0 23 3	4°18'06	8♎33	21°57	1♍ 8	10° 8	13°54	23°31	24° 5	28°35	7°52	6°D48	6°43	25°52	9°58	T 26
W27	0 27 0	5°16'10	20°46	23°49	2°20	10°29	14° 5	23°36	24° 6	28°34	7°53	6°48	6°40	25°59	9°55	W27
T 28	0 30 56	6°14'14	2♏49	25°43	3°32	10°49	14°15	23°42	24° 8	28°32	7°54	6°48	6°37	26° 5	9°52	T 28
F 29	0 34 53	7°12'21	14°44	27°37	4°44	11° 9	14°26	23°48	24° 9	28°30	7°55	6°R48	6°34	26°12	9°50	F 29
S 30	0 38 49	8♎10'28	26♏36	29♍33	5♍55	11♊28	14♌36	23♏53	24♐11	28♓29	7♌56	6♈48	6♈30	26♏19	9♈47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n40	16s 3	2s36	6n49	4s13	18n31	1s 6	17n13	2s34	17n57	0n 6	15s50	2n14	23s 8	0s 3	1s 1	0s48	16n28	1s51	2n45	3n10	21s54	7n19	3n14
S 2	7 18	20 30	3 29	7 11	3 59	18 19	1 3	17 20	2 34	17 54	0 6	15 51	2 13	23 8	0 3	1 2	0 48	16 27	1 51	2 46	3 9	21 57	7 18	3 14
S 3	6 56	24 9	4 12	7 33	3 44	18 7	0 59	17 27	2 33	17 51	0 6	15 53	2 13	23 8	0 3	1 3	0 48	16 27	1 51	2 46	3 7	21 59	7 17	3 14
M 4	6 35	26 46	4 46	7 53	3 29	17 54	0 56	17 33	2 33	17 48	0 6	15 54	2 13	23 8	0 3	1 3	0 48	16 27	1 51	2 46	3 6	22 1	7 16	3 14
T 5	6 13	28 13	5 7	8 12	3 12	17 40	0 52	17 40	2 32	17 44	0 6	15 55	2 13	23 8	0 3	1 4	0 48	16 26	1 51	2 46	3 5	22 4	7 15	3 14
W 6	5 51	28 19	5 15	8 29	2 55	17 26	0 49	17 47	2 32	17 41	0 7	15 56	2 12	23 8	0 3	1 4	0 48	16 26	1 51	2 46	3 4	22 6	7 14	3 14
T 7	5 29	27 0	5 8	8 44	2 38	17 12	0 45	17 53	2 32	17 38	0 7	15 58	2 12	23 8	0 3	1 5	0 48	16 26	1 51	2 45	3 2	22 8	7 13	3 14
F 8	5 6	24 15	4 46	8 57	2 20	16 57	0 42	17 59	2 31	17 35	0 7	15 59	2 12	23 8	0 3	1 6	0 48	16 26	1 51	2 44	3 1	22 10	7 12	3 15
S 9	4 44	20 12	4 9	9 8	2 2	16 42	0 38	18 5	2 31	17 32	0 7	16 0	2 12	23 8	0 3	1 6	0 48	16 25	1 51	2 43	3 0	22 13	7 11	3 14
S 10	4 22	15 0	3 16	9 16	1 45	16 26	0 35	18 11	2 30	17 29	0 7	16 2	2 12	23 8	0 3	1 7	0 48	16 25	1 51	2 42	2 59	22 15	7 10	3 14
M11	3 59	8 56	2 11	9 21	1 27	16 9	0 31	18 17	2 29	17 25	0 7	16 3	2 11	23 8	0 3	1 8	0 48	16 25	1 51	2 41	2 57	22 17	7 9	3 14
T 12	3 37	2 17	0 57	9 24	1 10	15 53	0 28	18 23	2 29	17 22	0 7	16 4	2 11	23 8	0 3	1 8	0 48	16 25	1 51	2 41	2 56	22 20	7 8	3 14
W13	3 14	4n35	0n22	9 23	0 53	15 36	0 24	18 29	2 28	17 19	0 7	16 6	2 11	23 8	0 3	1 9	0 48	16 24	1 51	2 40	2 55	22 22	7 7	3 14
T 14	2 52	11 17	1 41	9 19	0 37	15 18	0 21	18 34	2 27	17 16	0 7	16 7	2 11	23 8	0 3	1 10	0 48	16 24	1 51	2 41	2 54	22 24	7 6	3 14
F 15	2 29	17 24	2 53	9 12	0 21	15 0	0 17	18 39	2 27	17 13	0 8	16 8	2 10	23 8	0 3	1 10	0 48	16 24	1 51	2 41	2 52	22 26	7 5	3 14
S 16	2 6	22 30	3 54	9 2	0 6	14 42	0 14	18 45	2 26	17 10	0 8	16 10	2 10	23 9	0 3	1 11	0 48	16 23	1 51	2 41	2 51	22 28	7 4	3 14
S 17	1 44	26 11	4 40	8 49	0n 9	14 23	0 11	18 50	2 25	17 7	0 8	16 11	2 10	23 9	0 3	1 12	0 48	16 23	1 51	2 42	2 50	22 31	7 3	3 14
M18	1 21	28 10	5 8	8 32	0 22	14 3	0 7	18 55	2 24	17 3	0 8	16 13	2 10	23 9	0 3	1 12	0 48	16 23	1 51	2 42	2 49	22 33	7 2	3 14
T 19	0 58	28 19	5 17	8 13	0 34	13 44	0 4	19 0	2 24	17 0	0 8	16 14	2 10	23 9	0 3	1 13	0 48	16 23	1 51	2 42	2 47	22 35	7 1	3 14
W20	0 35	26 41	5 7	7 50	0 46	13 24	0 1	19 4	2 23	16 57	0 8	16 16	2 9	23 9	0 3	1 14	0 48	16 23	1 51	2 42	2 46	22 37	7 0	3 14
T 21	0 13	23 33	4 41	7 24	0 57	13 3	0n 3	19 9	2 22	16 54	0 8	16 17	2 9	23 9	0 3	1 14	0 48	16 22	1 51	2 41	2 45	22 39	6 59	3 14
F 22	0s10	19 13	4 0	6 56	1 6	12 42	0 6	19 14	2 21	16 51	0 8	16 19	2 9	23 9	0 3	1 15	0 48	16 22	1 51	2 41	2 44	22 42	6 58	3 14
S 23	0 33	14 2	3 7	6 24	1 15	12 21	0 9	19 18	2 20	16 48	0 8	16 20	2 9	23 9	0 3	1 16	0 48	16 22	1 51	2 41	2 42	22 44	6 57	3 14
S 24	0 56	8 21	2 5	5 51	1 22	12 0	0 12	19 22	2 19	16 45	0 9	16 22	2 9	23 9	0 3	1 16	0 48	16 22	1 51	2 41	2 41	22 46	6 56	3 14
M25	1 19	2 25	0 59	5 15	1 29	11 38	0 15	19 27	2 18	16 42	0 9	16 23	2 9	23 9	0 3	1 17	0 48	16 21	1 51	2 40	2 40	22 48	6 54	3 14
T 26	1 42	3s31	0s10	4 37	1 34	11 16	0 18	19 31	2 17	16 39	0 9	16 25	2 8	23 9	0 3	1 17	0 48	16 21	1 51	2 40	2 39	22 50	6 53	3 14
W27	2 5	9 13	1 17	3 57	1 38	10 53	0 21	19 35	2 16	16 36	0 9	16 26	2 8	23 9	0 3	1 18	0 48	16 21	1 51	2 40	2 37	22 53	6 52	3 14
T 28	2 27	14 32	2 19	3 15	1 42	10 30	0 24	19 39	2 15	16 33	0 9	16 28	2 8	23 9	0 3	1 19	0 48	16 21	1 51	2 40	2 36	22 55	6 51	3 14
F 29	2 50	19 14	3 15	2 32	1 45	10 7	0 27	19 43	2 13	16 30	0 9	16 29	2 8	23 9	0 3	1 19	0 48	16 21	1 51	2 40	2 35	22 57	6 50	3 14
S 30	3s13	23s 9	4s 2	1n48	1n46	9n44	0n30	19n47	2s12	16n27	0n 9	16s31	2n 8	23s 9	0s 3	1s20	0s48	16n20	1s51	2n40	2n34	22s59	6n49	3n14

Julian Day Number = 3058821.5, Delta T = 02h30m26s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°02'58, Lahiri = 47°09'59

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

OCTOBER 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 42 46	9♎ 8'37	8♐25	1♎29	7♍ 7	11♊47	14♌47	23♏59	24♐12	28°R27	7♌57	6°R47	6♈27	26♏26	9°R44	S 1
M 2	0 46 43	10° 6'48	20°18	3°25	8°19	12° 5	14°57	24° 5	24°14	28♓26	7°58	6♈47	6°24	26°32	9♈41	M 2
T 3	0 50 39	11° 5'00	2♑17	5°21	9°32	12°23	15° 8	24°11	24°15	28°24	7°58	6°47	6°21	26°39	9°38	T 3
W 4	0 54 36	12° 3'13	14°28	7°17	10°44	12°39	15°18	24°17	24°17	28°22	7°59	6°D47	6°18	26°46	9°36	W 4
T 5	0 58 32	13° 1'27	26°54	9°12	11°56	12°56	15°28	24°23	24°19	28°21	8° 0	6°47	6°15	26°52	9°33	T 5
F 6	1 2 29	13°59'43	9♒40	11° 7	13° 8	13°11	15°38	24°29	24°21	28°19	8° 1	6°47	6°11	26°59	9°30	F 6
S 7	1 6 25	14°58'01	22°49	13° 1	14°21	13°26	15°47	24°35	24°22	28°18	8° 1	6°48	6° 8	27° 6	9°27	S 7
S 8	1 10 22	15°56'19	6♓24	14°55	15°33	13°40	15°57	24°42	24°24	28°16	8° 2	6°49	6° 5	27°12	9°25	S 8
M 9	1 14 18	16°54'40	20°24	16°47	16°45	13°53	16° 7	24°48	24°26	28°15	8° 3	6°50	6° 2	27°19	9°22	M 9
T 10	1 18 15	17°53'01	4♈48	18°39	17°58	14° 6	16°16	24°54	24°28	28°13	8° 4	6°R50	5°59	27°26	9°19	T 10
W11	1 22 12	18°51'25	19°30	20°29	19°11	14°18	16°26	25° 1	24°30	28°12	8° 4	6°50	5°55	27°32	9°17	W11
T 12	1 26 8	19°49'50	4♉26	22°19	20°23	14°29	16°35	25° 7	24°32	28°10	8° 5	6°49	5°52	27°39	9°14	T 12
F 13	1 30 5	20°48'17	19°25	24° 7	21°36	14°40	16°44	25°13	24°34	28° 9	8° 5	6°47	5°49	27°46	9°11	F 13
S 14	1 34 1	21°46'47	4♊20	25°55	22°49	14°49	16°53	25°20	24°36	28° 7	8° 6	6°46	5°46	27°53	9° 8	S 14
S 15	1 37 58	22°45'18	19° 4	27°41	24° 2	14°58	17° 2	25°26	24°39	28° 6	8° 6	6°44	5°43	27°59	9° 6	S 15
M16	1 41 54	23°43'51	3♋30	29°27	25°15	15° 6	17°11	25°33	24°41	28° 4	8° 7	6°42	5°40	28° 6	9° 3	M16
T 17	1 45 51	24°42'27	17°35	1♏11	26°28	15°13	17°20	25°40	24°43	28° 3	8° 8	6°41	5°36	28°13	9° 1	T 17
W18	1 49 47	25°41'04	1♌18	2°55	27°41	15°20	17°28	25°46	24°45	28° 1	8° 8	6°D41	5°33	28°19	8°58	W18
T 19	1 53 44	26°39'44	14°40	4°37	28°54	15°25	17°37	25°53	24°48	28° 0	8° 8	6°42	5°30	28°26	8°55	T 19
F 20	1 57 41	27°38'26	27°43	6°19	0♎ 7	15°30	17°45	26° 0	24°50	27°59	8° 9	6°43	5°27	28°33	8°53	F 20
S 21	2 1 37	28°37'10	10♍28	8° 0	1°21	15°34	17°53	26° 6	24°52	27°57	8° 9	6°45	5°24	28°39	8°50	S 21
S 22	2 5 34	29°35'56	22°59	9°39	2°34	15°37	18° 1	26°13	24°55	27°56	8°10	6°46	5°21	28°46	8°48	S 22
M23	2 9 30	0♏34'43	5♎17	11°18	3°47	15°39	18° 9	26°20	24°57	27°55	8°10	6°R47	5°17	28°53	8°45	M23
T 24	2 13 27	1°33'33	17°27	12°56	5° 1	15°40	18°17	26°27	25° 0	27°53	8°10	6°47	5°14	28°59	8°43	T 24
W25	2 17 23	2°32'25	29°28	14°33	6°14	15°R41	18°25	26°34	25° 3	27°52	8°11	6°45	5°11	29° 6	8°40	W25
T 26	2 21 20	3°31'19	11♏25	16° 9	7°28	15°40	18°32	26°41	25° 5	27°51	8°11	6°42	5° 8	29°13	8°38	T 26
F 27	2 25 16	4°30'15	23°17	17°44	8°41	15°39	18°40	26°48	25° 8	27°49	8°11	6°37	5° 5	29°20	8°35	F 27
S 28	2 29 13	5°29'13	5♐ 7	19°18	9°55	15°36	18°47	26°55	25°10	27°48	8°12	6°32	5° 1	29°26	8°33	S 28
S 29	2 33 10	6°28'12	16°57	20°52	11° 9	15°33	18°54	27° 2	25°13	27°47	8°12	6°27	4°58	29°33	8°31	S 29
M30	2 37 6	7°27'14	28°50	22°25	12°22	15°29	19° 1	27° 9	25°16	27°46	8°12	6°22	4°55	29°40	8°28	M30
T 31	2 41 3	8♏26'17	10♑49	23♏57	13♎36	15♊24	19♌ 8	27♏16	25♐19	27♓45	8♌12	6♈18	4♈52	29♏46	8♈26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s36	26s 7	4s39	1n 3	1n47	9n20	0n33	19n50	2s11	16n24	0n 9	16s33	2n 7	23s 9	0s 3	1s21	0s48	16n20	1s51	2n40	2n32	23s 1	6n48	3n14
M 2	3 58	27 56	5 4	0 18	1 47	8 56	0 36	19 54	2 10	16 21	0 9	16 34	2 7	23 9	0 3	1 21	0 48	16 20	1 51	2 40	2 31	23 3	6 47	3 14
T 3	4 21	28 29	5 16	0s29	1 46	8 32	0 39	19 58	2 8	16 19	0 10	16 36	2 7	23 10	0 3	1 22	0 48	16 20	1 51	2 40	2 30	23 5	6 45	3 13
W 4	4 43	27 39	5 14	1 15	1 45	8 7	0 41	20 1	2 7	16 16	0 10	16 37	2 7	23 10	0 3	1 23	0 48	16 20	1 51	2 40	2 29	23 7	6 44	3 13
T 5	5 6	25 28	4 58	2 2	1 43	7 42	0 44	20 5	2 5	16 13	0 10	16 39	2 7	23 10	0 3	1 23	0 48	16 19	1 51	2 40	2 27	23 10	6 43	3 13
F 6	5 28	21 57	4 27	2 49	1 41	7 17	0 46	20 8	2 4	16 10	0 10	16 41	2 7	23 10	0 3	1 24	0 48	16 19	1 51	2 40	2 26	23 12	6 42	3 13
S 7	5 51	17 16	3 40	3 36	1 37	6 52	0 49	20 11	2 2	16 7	0 10	16 42	2 7	23 10	0 3	1 24	0 48	16 19	1 51	2 41	2 25	23 14	6 41	3 13
S 8	6 13	11 35	2 41	4 23	1 34	6 26	0 51	20 14	2 1	16 5	0 10	16 44	2 6	23 10	0 3	1 25	0 48	16 19	1 51	2 41	2 24	23 16	6 40	3 13
M 9	6 35	5 9	1 30	5 9	1 30	6 1	0 54	20 18	1 59	16 2	0 10	16 45	2 6	23 10	0 3	1 26	0 48	16 19	1 51	2 41	2 22	23 18	6 38	3 13
T 10	6 57	1n43	0 11	5 56	1 25	5 35	0 56	20 21	1 57	15 59	0 10	16 47	2 6	23 10	0 3	1 26	0 48	16 19	1 51	2 41	2 21	23 20	6 37	3 13
W11	7 19	8 39	1n10	6 41	1 21	5 9	0 59	20 24	1 56	15 56	0 11	16 49	2 6	23 10	0 3	1 27	0 48	16 18	1 51	2 41	2 20	23 22	6 36	3 13
T 12	7 41	15 11	2 27	7 27	1 15	4 42	1 1	20 27	1 54	15 54	0 11	16 50	2 6	23 10	0 3	1 27	0 48	16 18	1 51	2 41	2 19	23 24	6 35	3 13
F 13	8 3	20 52	3 34	8 11	1 10	4 16	1 3	20 30	1 52	15 51	0 11	16 52	2 6	23 10	0 3	1 28	0 48	16 18	1 51	2 40	2 17	23 26	6 34	3 12
S 14	8 25	25 12	4 27	8 56	1 4	3 49	1 5	20 33	1 50	15 49	0 11	16 54	2 6	23 11	0 3	1 29	0 48	16 18	1 51	2 40	2 16	23 28	6 33	3 12
S 15	8 46	27 47	5 1	9 39	0 58	3 23	1 7	20 36	1 48	15 46	0 11	16 55	2 5	23 11	0 3	1 29	0 48	16 18	1 50	2 39	2 15	23 30	6 31	3 12
M16	9 8	28 26	5 15	10 22	0 52	2 56	1 9	20 39	1 46	15 44	0 11	16 57	2 5	23 11	0 3	1 30	0 48	16 18	1 50	2 38	2 14	23 32	6 30	3 12
T 17	9 29	27 12	5 10	11 4	0 46	2 29	1 11	20 42	1 44	15 41	0 11	16 59	2 5	23 11	0 3	1 30	0 48	16 18	1 50	2 38	2 13	23 34	6 29	3 12
W18	9 51	24 22	4 47	11 46	0 39	2 2	1 13	20 44	1 42	15 39	0 11	17 0	2 5	23 11	0 3	1 31	0 48	16 18	1 50	2 38	2 11	23 37	6 28	3 12
T 19	10 12	20 16	4 9	12 26	0 32	1 34	1 15	20 47	1 40	15 36	0 12	17 2	2 5	23 11	0 3	1 31	0 48	16 17	1 50	2 38	2 10	23 39	6 27	3 12
F 20	10 33	15 17	3 19	13 6	0 26	1 7	1 16	20 50	1 38	15 34	0 12	17 4	2 5	23 11	0 3	1 32	0 48	16 17	1 50	2 39	2 9	23 41	6 26	3 12
S 21	10 53	9 44	2 20	13 45	0 19	0 40	1 18	20 53	1 35	15 31	0 12	17 5	2 5	23 11	0 3	1 33	0 48	16 17	1 50	2 39	2 8	23 43	6 25	3 11
S 22	11 14	3 55	1 15	14 24	0 12	0 12	1 19	20 55	1 33	15 29	0 12	17 7	2 5	23 11	0 3	1 33	0 48	16 17	1 50	2 40	2 6	23 45	6 23	3 11
M23	11 34	1s57	0 8	15 1	0 5	0s15	1 21	20 58	1 30	15 27	0 12	17 9	2 4	23 11	0 3	1 34	0 48	16 17	1 50	2 40	2 5	23 47	6 22	3 11
T 24	11 55	7 41	0s58	15 37	0s 3	0 43	1 22	21 0	1 28	15 25	0 12	17 10	2 4	23 11	0 3	1 34	0 48	16 17	1 50	2 40	2 4	23 49	6 21	3 11
W25	12 15	13 5	2 1	16 13	0 10	1 10	1 24	21 3	1 25	15 22	0 12	17 12	2 4	23 12	0 3	1 35	0 48	16 17	1 50	2 39	2 3	23 51	6 20	3 11
T 26	12 35	17 57	2 59	16 48	0 17	1 38	1 25	21 5	1 23	15 20	0 13	17 14	2 4	23 12	0 3	1 35	0 48	16 17	1 50	2 38	2 1	23 53	6 19	3 11
F 27	12 55	22 6	3 48	17 21	0 24	2 6	1 26	21 8	1 20	15 18	0 13	17 15	2 4	23 12	0 3	1 36	0 48	16 17	1 50	2 36	2 0	23 55	6 18	3 11
S 28	13 14	25 20	4 27	17 54	0 31	2 33	1 27	21 10	1 18	15 16	0 13	17 17	2 4	23 12	0 3	1 36	0 48	16 17	1 50	2 34	1 59	23 57	6 17	3 10
S 29	13 33	27 28	4 54	18 26	0 39	3 1	1 28	21 13	1 15	15 14	0 13	17 19	2 4	23 12	0 3	1 36	0 48	16 17	1 50	2 32	1 58	23 58	6 16	3 10
M30	13 53	28 23	5 9	18 57	0 46	3 29	1 29	21 15	1 12	15 12	0 13	17 20	2 4	23 12	0 3	1 37	0 48	16 17	1 50	2 30	1 56	24 0	6 15	3 10
T 31	14s12	27s57	5s11	19s27	0s53	3s56	1n30	21n17	1s 9	15n10	0n13	17s22	2n 4	23s12	0s 3	1s37	0s48	16n17	1s50	2n29	1n55	24s 2	6n14	3n10

Julian Day Number = 3058851.5, Delta T = 02h30m27s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'03, Lahiri = 47°10'03

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

NOVEMBER 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 44 59	9♏25'21	22♉58	25♏28	14♎50	15°R18	19♌14	27♏23	25♐22	27°R44	8♌12	6°R15	4♈49	29♏53	8°R24	W 1
T 2	2 48 56	10°24'28	5♒20	26°58	16° 4	15♊11	19°21	27°30	25°24	27♓42	8°13	6°D14	4°46	29°59	8♈21	T 2
F 3	2 52 52	11°23'36	18° 0	28°27	17°18	15° 3	19°27	27°37	25°27	27°41	8°13	6♈14	4°42	0♐ 6	8°19	F 3
S 4	2 56 49	12°22'46	1♓ 3	29°56	18°32	14°55	19°33	27°44	25°30	27°40	8°13	6°15	4°39	0°13	8°17	S 4
S 5	3 0 45	13°21'57	14°30	1♐24	19°46	14°45	19°39	27°51	25°33	27°39	8°13	6°16	4°36	0°20	8°15	S 5
M 6	3 4 42	14°21'10	28°26	2°51	21° 0	14°35	19°45	27°58	25°36	27°38	8°13	6°17	4°33	0°27	8°13	M 6
T 7	3 8 39	15°20'24	12♈49	4°17	22°14	14°24	19°51	28° 6	25°39	27°37	8°R13	6°R17	4°30	0°33	8°11	T 7
W 8	3 12 35	16°19'41	27°36	5°43	23°28	14°12	19°56	28°13	25°42	27°36	8°13	6°16	4°27	0°40	8° 9	W 8
T 9	3 16 32	17°18'59	12♉43	7° 7	24°42	14° 0	20° 2	28°20	25°45	27°35	8°13	6°12	4°23	0°47	8° 7	T 9
F 10	3 20 28	18°18'20	27°59	8°31	25°56	13°47	20° 7	28°27	25°49	27°34	8°13	6° 7	4°20	0°53	8° 5	F 10
S 11	3 24 25	19°17'42	13♊14	9°54	27°10	13°32	20°12	28°35	25°52	27°34	8°13	6° 1	4°17	1° 0	8° 3	S 11
S 12	3 28 21	20°17'06	28°17	11°16	28°25	13°18	20°17	28°42	25°55	27°33	8°13	5°54	4°14	1° 7	8° 1	S 12
M13	3 32 18	21°16'33	13♋ 1	12°36	29°39	13° 2	20°22	28°49	25°58	27°32	8°12	5°48	4°11	1°13	7°59	M13
T 14	3 36 14	22°16'02	27°18	13°56	0♏53	12°46	20°26	28°56	26° 1	27°31	8°12	5°44	4° 7	1°20	7°57	T 14
W15	3 40 11	23°15'33	11♌ 8	15°14	2° 8	12°29	20°31	29° 4	26° 5	27°30	8°12	5°41	4° 4	1°27	7°56	W15
T 16	3 44 8	24°15'06	24°30	16°32	3°22	12°12	20°35	29°11	26° 8	27°30	8°12	5°D40	4° 1	1°34	7°54	T 16
F 17	3 48 4	25°14'41	7♍27	17°48	4°37	11°54	20°39	29°18	26°11	27°29	8°12	5°41	3°58	1°40	7°52	F 17
S 18	3 52 1	26°14'19	20° 4	19° 2	5°51	11°36	20°43	29°26	26°14	27°28	8°12	5°42	3°55	1°47	7°51	S 18
S 19	3 55 57	27°13'59	2♎24	20°16	7° 6	11°17	20°46	29°33	26°18	27°28	8°11	5°R43	3°52	1°54	7°49	S 19
M20	3 59 54	28°13'40	14°31	21°27	8°20	10°58	20°50	29°40	26°21	27°27	8°11	5°42	3°48	2° 0	7°48	M20
T 21	4 3 50	29°13'24	26°30	22°36	9°35	10°38	20°53	29°48	26°25	27°26	8°11	5°40	3°45	2° 7	7°46	T 21
W22	4 7 47	0♐13'10	8♏24	23°44	10°49	10°18	20°56	29°55	26°28	27°26	8°10	5°35	3°42	2°14	7°45	W22
T 23	4 11 43	1°12'58	20°15	24°49	12° 4	9°58	20°59	0♐ 2	26°31	27°25	8°10	5°28	3°39	2°20	7°43	T 23
F 24	4 15 40	2°12'48	2♐ 5	25°52	13°19	9°38	21° 2	0°10	26°35	27°25	8°10	5°18	3°36	2°27	7°42	F 24
S 25	4 19 37	3°12'40	13°57	26°52	14°34	9°17	21° 4	0°17	26°38	27°24	8° 9	5° 7	3°33	2°34	7°41	S 25
S 26	4 23 33	4°12'33	25°50	27°49	15°48	8°56	21° 7	0°24	26°42	27°24	8° 9	4°55	3°29	2°41	7°40	S 26
M27	4 27 30	5°12'29	7♑48	28°43	17° 3	8°36	21° 9	0°32	26°45	27°24	8° 8	4°44	3°26	2°47	7°38	M27
T 28	4 31 26	6°12'26	19°51	29°32	18°18	8°15	21°11	0°39	26°49	27°23	8° 8	4°33	3°23	2°54	7°37	T 28
W29	4 35 23	7°12'24	2♒ 3	0♑18	19°33	7°54	21°13	0°46	26°52	27°23	8° 7	4°26	3°20	3° 1	7°36	W29
T 30	4 39 19	8♐12'24	14♒26	0♑59	20♏48	7♊34	21♌14	0♐53	26♐56	27♓23	8♌ 7	4♈20	3♈17	3♐ 7	7♈35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s30	26s12	4s59	19s56	1s 0	4s24	1n31	21n20	1s 6	15n 8	0n13	17s24	2n 4	23s12	0s 3	1s38	0s48	16n17	1s50	2n28	1n54	24s 4	6n13	3n10
T 2	14 49	23 11	4 33	20 23	1 7	4 51	1 32	21 22	1 3	15 6	0 13	17 25	2 3	23 12	0 4	1 38	0 48	16 17	1 50	2 27	1 53	24 6	6 12	3 10
F 3	15 7	19 0	3 53	20 50	1 14	5 18	1 32	21 24	1 0	15 4	0 14	17 27	2 3	23 13	0 4	1 39	0 48	16 17	1 50	2 27	1 51	24 8	6 11	3 9
S 4	15 25	13 49	3 0	21 16	1 20	5 46	1 33	21 26	0 57	15 3	0 14	17 29	2 3	23 13	0 4	1 39	0 48	16 17	1 50	2 28	1 50	24 10	6 10	3 9
S 5	15 43	7 50	1 56	21 41	1 27	6 13	1 34	21 28	0 54	15 1	0 14	17 30	2 3	23 13	0 4	1 39	0 48	16 17	1 50	2 28	1 49	24 12	6 9	3 9
M 6	16 0	1 16	0 43	22 5	1 34	6 40	1 34	21 31	0 51	14 59	0 14	17 32	2 3	23 13	0 4	1 40	0 48	16 17	1 50	2 29	1 48	24 14	6 8	3 9
T 7	16 18	5n34	0n35	22 27	1 40	7 7	1 34	21 33	0 47	14 57	0 14	17 34	2 3	23 13	0 4	1 40	0 48	16 17	1 50	2 29	1 46	24 16	6 7	3 9
W 8	16 34	12 17	1 53	22 49	1 46	7 34	1 35	21 34	0 44	14 56	0 14	17 35	2 3	23 13	0 4	1 41	0 48	16 17	1 50	2 28	1 45	24 18	6 6	3 8
T 9	16 51	18 27	3 4	23 9	1 52	8 1	1 35	21 36	0 41	14 54	0 15	17 37	2 3	23 13	0 4	1 41	0 48	16 17	1 50	2 27	1 44	24 20	6 5	3 8
F 10	17 8	23 29	4 3	23 29	1 58	8 27	1 35	21 38	0 37	14 53	0 15	17 38	2 3	23 13	0 4	1 41	0 48	16 17	1 50	2 25	1 43	24 22	6 4	3 8
S 11	17 24	26 54	4 45	23 47	2 4	8 54	1 35	21 40	0 34	14 51	0 15	17 40	2 3	23 13	0 4	1 42	0 48	16 17	1 50	2 22	1 41	24 23	6 3	3 8
S 12	17 40	28 19	5 6	24 4	2 10	9 20	1 35	21 42	0 30	14 50	0 15	17 42	2 3	23 14	0 4	1 42	0 48	16 17	1 50	2 19	1 40	24 25	6 2	3 8
M13	17 55	27 40	5 6	24 20	2 15	9 46	1 35	21 43	0 27	14 49	0 15	17 43	2 3	23 14	0 4	1 42	0 48	16 17	1 50	2 17	1 39	24 27	6 1	3 7
T 14	18 10	25 12	4 47	24 35	2 20	10 12	1 35	21 45	0 23	14 47	0 15	17 45	2 3	23 14	0 4	1 43	0 48	16 17	1 50	2 15	1 38	24 29	6 0	3 7
W15	18 25	21 19	4 12	24 49	2 25	10 37	1 35	21 46	0 20	14 46	0 15	17 46	2 3	23 14	0 4	1 43	0 48	16 17	1 50	2 14	1 36	24 31	5 59	3 7
T 16	18 40	16 26	3 24	25 2	2 29	11 3	1 35	21 47	0 16	14 45	0 16	17 48	2 3	23 14	0 4	1 43	0 48	16 17	1 50	2 14	1 35	24 33	5 58	3 7
F 17	18 54	10 58	2 26	25 13	2 33	11 28	1 34	21 49	0 12	14 44	0 16	17 50	2 3	23 14	0 4	1 43	0 48	16 17	1 50	2 14	1 34	24 35	5 58	3 7
S 18	19 8	5 11	1 23	25 23	2 37	11 53	1 34	21 50	0 9	14 43	0 16	17 51	2 3	23 14	0 4	1 44	0 48	16 17	1 50	2 15	1 33	24 36	5 57	3 6
S 19	19 22	0s40	0 18	25 33	2 41	12 17	1 33	21 51	0 5	14 42	0 16	17 53	2 3	23 14	0 4	1 44	0 48	16 17	1 50	2 15	1 31	24 38	5 56	3 6
M20	19 35	6 24	0s47	25 41	2 44	12 42	1 33	21 52	0 2	14 41	0 16	17 54	2 3	23 14	0 4	1 44	0 48	16 17	1 50	2 15	1 30	24 40	5 55	3 6
T 21	19 48	11 50	1 49	25 47	2 46	13 6	1 32	21 53	0n 2	14 40	0 16	17 56	2 2	23 14	0 4	1 44	0 48	16 17	1 50	2 14	1 29	24 42	5 54	3 6
W22	20 1	16 48	2 46	25 53	2 48	13 29	1 31	21 54	0 6	14 39	0 17	17 57	2 2	23 15	0 4	1 45	0 48	16 17	1 50	2 12	1 28	24 44	5 54	3 6
T 23	20 13	21 6	3 35	25 58	2 50	13 53	1 31	21 54	0 9	14 38	0 17	17 59	2 2	23 15	0 4	1 45	0 48	16 18	1 50	2 9	1 26	24 45	5 53	3 5
F 24	20 25	24 33	4 15	26 1	2 51	14 16	1 30	21 55	0 13	14 38	0 17	18 1	2 2	23 15	0 4	1 45	0 48	16 18	1 50	2 5	1 25	24 47	5 52	3 5
S 25	20 37	26 57	4 43	26 3	2 52	14 39	1 29	21 55	0 17	14 37	0 17	18 2	2 2	23 15	0 4	1 45	0 48	16 18	1 50	2 1	1 24	24 49	5 51	3 5
S 26	20 48	28 9	5 0	26 4	2 52	15 1	1 28	21 56	0 20	14 36	0 17	18 4	2 2	23 15	0 4	1 45	0 48	16 18	1 50	1 56	1 23	24 51	5 51	3 5
M27	20 59	28 2	5 3	26 4	2 51	15 23	1 27	21 56	0 24	14 36	0 17	18 5	2 2	23 15	0 4	1 45	0 48	16 18	1 50	1 52	1 21	24 53	5 50	3 5
T 28	21 9	26 36	4 53	26 3	2 50	15 45	1 26	21 56	0 27	14 35	0 18	18 7	2 2	23 15	0 4	1 45	0 48	16 18	1 50	1 48	1 20	24 54	5 49	3 4
W29	21 19	23 54	4 29	26 1	2 47	16 6	1 25	21 57	0 31	14 35	0 18	18 8	2 2	23 15	0 4	1 46	0 48	16 18	1 50	1 45	1 19	24 56	5 49	3 4
T 30	21s29	20s 4	3s53	25s57	2s44	16s27	1n24	21n57	0n34	14n35	0n18	18s10	2n 2	23s15	0s 4	1s46	0s47	16n18	1s50	1n43	1n18	24s58	5n48	3n 4

Julian Day Number = 3058882.5, Delta T = 02h30m28s
Ecliptic obliquity = 23°13'41, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'07, Lahiri = 47°10'07

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ASTRODIENST EPHEMERIS for the year 3662
geocentric

DECEMBER 3662 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 43 16	9♐12'26	27♒ 3	1♑34	22♏ 2	7°R14	21♌16	1♐ 1	27♐ 0	27°R22	8°R 6	4°R18	3♈13	3♐14	7°R34	F 1
S 2	4 47 12	10°12'29	9♓59	2° 4	23°17	6♊53	21°17	1° 8	27° 3	27♓22	8♌ 6	4°D17	3°10	3°21	7♈33	S 2
S 3	4 51 9	11°12'34	23°17	2°27	24°32	6°33	21°18	1°15	27° 7	27°22	8° 5	4♈17	3° 7	3°28	7°33	S 3
M 4	4 55 6	12°12'40	7♈ 1	2°43	25°47	6°14	21°19	1°22	27°10	27°22	8° 5	4°R17	3° 4	3°34	7°32	M 4
T 5	4 59 2	13°12'47	21°11	2°R51	27° 2	5°55	21°19	1°30	27°14	27°22	8° 4	4°16	3° 1	3°41	7°31	T 5
W 6	5 2 59	14°12'56	5♉49	2°51	28°17	5°36	21°20	1°37	27°18	27°22	8° 3	4°13	2°58	3°48	7°30	W 6
T 7	5 6 55	15°13'06	20°48	2°41	29°32	5°17	21°20	1°44	27°21	27°22	8° 3	4° 7	2°54	3°54	7°30	T 7
F 8	5 10 52	16°13'18	6♊ 3	2°22	0♐47	5° 0	21°R20	1°51	27°25	27°D22	8° 2	3°58	2°51	4° 1	7°29	F 8
S 9	5 14 48	17°13'32	21°23	1°52	2° 2	4°42	21°20	1°58	27°29	27°22	8° 1	3°48	2°48	4° 8	7°29	S 9
S 10	5 18 45	18°13'47	6♋36	1°12	3°17	4°25	21°19	2° 6	27°32	27°22	8° 0	3°37	2°45	4°14	7°28	S 10
M11	5 22 42	19°14'04	21°31	0°23	4°32	4° 9	21°19	2°13	27°36	27°22	8° 0	3°27	2°42	4°21	7°28	M11
T 12	5 26 38	20°14'23	6♌ 0	29♐23	5°47	3°53	21°18	2°20	27°40	27°22	7°59	3°18	2°39	4°28	7°27	T 12
W13	5 30 35	21°14'44	20° 0	28°16	7° 2	3°38	21°17	2°27	27°43	27°22	7°58	3°12	2°35	4°35	7°27	W13
T 14	5 34 31	22°15'06	3♍30	27° 1	8°17	3°24	21°16	2°34	27°47	27°22	7°57	3° 9	2°32	4°41	7°27	T 14
F 15	5 38 28	23°15'30	16°31	25°42	9°33	3°10	21°14	2°41	27°51	27°22	7°57	3° 8	2°29	4°48	7°27	F 15
S 16	5 42 24	24°15'56	29° 8	24°21	10°48	2°57	21°13	2°48	27°54	27°23	7°56	3° 8	2°26	4°55	7°26	S 16
S 17	5 46 21	25°16'23	11♎25	23° 0	12° 3	2°45	21°11	2°55	27°58	27°23	7°55	3° 8	2°23	5° 1	7°26	S 17
M18	5 50 17	26°16'52	23°29	21°42	13°18	2°33	21° 9	3° 2	28° 2	27°23	7°54	3° 6	2°19	5° 8	7°D26	M18
T 19	5 54 14	27°17'23	5♏24	20°30	14°33	2°23	21° 7	3° 9	28° 6	27°24	7°53	3° 3	2°16	5°15	7°26	T 19
W20	5 58 11	28°17'56	17°14	19°25	15°49	2°13	21° 4	3°16	28° 9	27°24	7°52	2°56	2°13	5°22	7°26	W20
T 21	6 2 7	29°18'30	29° 3	18°30	17° 4	2° 3	21° 2	3°23	28°13	27°24	7°51	2°46	2°10	5°28	7°27	T 21
F 22	6 6 4	0♑19'06	10♐54	17°46	18°19	1°55	20°59	3°29	28°17	27°25	7°50	2°34	2° 7	5°35	7°27	F 22
S 23	6 10 0	1°19'43	22°49	17°13	19°34	1°47	20°56	3°36	28°20	27°25	7°49	2°20	2° 4	5°42	7°27	S 23
S 24	6 13 57	2°20'22	4♑49	16°52	20°50	1°41	20°53	3°43	28°24	27°26	7°48	2° 5	2° 0	5°48	7°27	S 24
M25	6 17 53	3°21'02	16°56	16°D42	22° 5	1°35	20°49	3°50	28°28	27°27	7°47	1°50	1°57	5°55	7°28	M25
T 26	6 21 50	4°21'43	29°10	16°43	23°20	1°30	20°46	3°56	28°32	27°27	7°46	1°37	1°54	6° 2	7°28	T 26
W27	6 25 46	5°22'25	11♒32	16°54	24°36	1°25	20°42	4° 3	28°35	27°28	7°45	1°26	1°51	6° 8	7°29	W27
T 28	6 29 43	6°23'08	24° 4	17°15	25°51	1°22	20°38	4°10	28°39	27°28	7°44	1°19	1°48	6°15	7°29	T 28
F 29	6 33 40	7°23'52	6♓48	17°45	27° 6	1°19	20°34	4°16	28°43	27°29	7°43	1°15	1°45	6°22	7°30	F 29
S 30	6 37 36	8°24'37	19°45	18°22	28°22	1°17	20°30	4°23	28°46	27°30	7°42	1°13	1°41	6°29	7°30	S 30
S 31	6 41 33	9♑25'22	3♈ 0	19♐ 6	29♐37	1♊16	20♌25	4♐29	28♐50	27♓31	7♌41	1♈13	1♈38	6♐35	7♈31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s38	15s17	3s 4	25s53	2s40	16s47	1n22	21n57	0n38	14n34	0n18	18s11	2n 2	23s15	0s 4	1s46	0s47	16n19	1s50	1n41	1n16	25s 0	5n48	3n 4
S 2	21 47	9 42	2 5	25 47	2 34	17 7	1 21	21 57	0 41	14 34	0 18	18 12	2 2	23 15	0 4	1 46	0 47	16 19	1 50	1 41	1 15	25 1	5 47	3 3
S 3	21 55	3 32	0 58	25 40	2 28	17 27	1 20	21 57	0 45	14 34	0 18	18 14	2 2	23 16	0 4	1 46	0 47	16 19	1 50	1 41	1 14	25 3	5 47	3 3
M 4	22 3	2n59	0n14	25 32	2 20	17 46	1 18	21 57	0 48	14 34	0 19	18 15	2 2	23 16	0 4	1 46	0 47	16 19	1 50	1 41	1 13	25 5	5 46	3 3
T 5	22 11	9 34	1 28	25 23	2 11	18 5	1 17	21 57	0 51	14 34	0 19	18 17	2 2	23 16	0 4	1 46	0 47	16 19	1 50	1 41	1 11	25 7	5 45	3 3
W 6	22 18	15 50	2 39	25 12	2 1	18 23	1 15	21 57	0 55	14 34	0 19	18 18	2 2	23 16	0 4	1 46	0 47	16 19	1 50	1 40	1 10	25 8	5 45	3 2
T 7	22 25	21 20	3 40	25 1	1 49	18 40	1 14	21 56	0 58	14 34	0 19	18 20	2 2	23 16	0 4	1 46	0 47	16 20	1 50	1 37	1 9	25 10	5 45	3 2
F 8	22 31	25 30	4 27	24 48	1 35	18 58	1 12	21 56	1 1	14 34	0 19	18 21	2 2	23 16	0 4	1 46	0 47	16 20	1 50	1 34	1 8	25 12	5 44	3 2
S 9	22 37	27 51	4 54	24 33	1 20	19 14	1 10	21 56	1 4	14 34	0 19	18 22	2 2	23 16	0 4	1 46	0 47	16 20	1 50	1 30	1 6	25 13	5 44	3 2
S 10	22 43	28 4	5 1	24 17	1 4	19 30	1 9	21 56	1 7	14 35	0 20	18 24	2 2	23 16	0 4	1 46	0 47	16 20	1 50	1 26	1 5	25 15	5 43	3 1
M11	22 48	26 14	4 47	24 0	0 46	19 46	1 7	21 56	1 10	14 35	0 20	18 25	2 3	23 16	0 4	1 46	0 47	16 20	1 50	1 21	1 4	25 17	5 43	3 1
T 12	22 52	22 42	4 14	23 41	0 27	20 1	1 5	21 56	1 12	14 36	0 20	18 26	2 3	23 16	0 4	1 46	0 47	16 21	1 50	1 18	1 3	25 18	5 43	3 1
W13	22 56	17 58	3 27	23 20	0 7	20 15	1 3	21 55	1 15	14 36	0 20	18 28	2 3	23 16	0 4	1 46	0 47	16 21	1 49	1 16	1 1	25 20	5 42	3 1
T 14	23 0	12 28	2 30	22 59	0n13	20 29	1 1	21 55	1 18	14 37	0 20	18 29	2 3	23 16	0 4	1 46	0 47	16 21	1 49	1 15	1 0	25 22	5 42	3 1
F 15	23 3	6 37	1 27	22 36	0 33	20 43	0 59	21 55	1 20	14 37	0 20	18 30	2 3	23 16	0 4	1 46	0 47	16 21	1 49	1 14	0 59	25 23	5 42	3 0
S 16	23 6	0 40	0 21	22 13	0 53	20 55	0 57	21 55	1 23	14 38	0 21	18 32	2 3	23 17	0 4	1 45	0 47	16 22	1 49	1 14	0 57	25 25	5 41	3 0
S 17	23 9	5s 9	0s44	21 50	1 12	21 7	0 55	21 55	1 25	14 39	0 21	18 33	2 3	23 17	0 4	1 45	0 47	16 22	1 49	1 14	0 56	25 27	5 41	3 0
M18	23 11	10 41	1 45	21 28	1 30	21 19	0 53	21 55	1 28	14 39	0 21	18 34	2 3	23 17	0 4	1 45	0 47	16 22	1 49	1 13	0 55	25 28	5 41	3 0
T 19	23 12	15 45	2 42	21 7	1 46	21 30	0 51	21 55	1 30	14 40	0 21	18 35	2 3	23 17	0 4	1 45	0 47	16 22	1 49	1 12	0 54	25 30	5 41	2 59
W20	23 13	20 11	3 30	20 49	2 0	21 40	0 49	21 56	1 32	14 41	0 21	18 37	2 3	23 17	0 4	1 45	0 47	16 23	1 49	1 9	0 52	25 32	5 40	2 59
T 21	23 14	23 50	4 10	20 32	2 12	21 50	0 47	21 56	1 34	14 42	0 21	18 38	2 3	23 17	0 4	1 45	0 47	16 23	1 49	1 6	0 51	25 33	5 40	2 59
F 22	23 14	26 28	4 38	20 19	2 22	21 59	0 45	21 56	1 36	14 43	0 22	18 39	2 3	23 17	0 4	1 44	0 47	16 23	1 49	1 1	0 50	25 35	5 40	2 59
S 23	23 13	27 57	4 55	20 8	2 30	22 7	0 42	21 57	1 38	14 44	0 22	18 40	2 3	23 17	0 4	1 44	0 47	16 23	1 49	0 55	0 49	25 36	5 40	2 58
S 24	23 12	28 7	4 59	20 1	2 35	22 15	0 40	21 57	1 40	14 45	0 22	18 41	2 3	23 17	0 4	1 44	0 47	16 24	1 49	0 49	0 47	25 38	5 40	2 58
M25	23 11	26 57	4 49	19 57	2 38	22 22	0 38	21 58	1 42	14 47	0 22	18 43	2 3	23 17	0 4	1 44	0 47	16 24	1 49	0 43	0 46	25 39	5 40	2 58
T 26	23 9	24 29	4 26	19 55	2 40	22 28	0 36	21 58	1 44	14 48	0 22	18 44	2 3	23 17	0 4	1 43	0 47	16 24	1 49	0 38	0 45	25 41	5 40	2 58
W27	23 7	20 51	3 50	19 56	2 40	22 34	0 33	21 59	1 46	14 49	0 23	18 45	2 3	23 17	0 4	1 43	0 47	16 25	1 49	0 34	0 44	25 43	5 40	2 57
T 28	23 5	16 15	3 2	19 59	2 39	22 39	0 31	22 0	1 47	14 51	0 23	18 46	2 3	23 17	0 4	1 43	0 47	16 25	1 49	0 31	0 42	25 44	5 40	2 57
F 29	23 1	10 53	2 5	20 5	2 36	22 43	0 29	22 1	1 49	14 52	0 23	18 47	2 4	23 17	0 4	1 43	0 47	16 25	1 49	0 29	0 41	25 46	5 40	2 57
S 30	22 58	4 57	1 0	20 12	2 32	22 47	0 26	22 2	1 50	14 54	0 23	18 48	2 4	23 17	0 4	1 42	0 47	16 25	1 49	0 29	0 40	25 47	5 40	2 57
S 31	22s54	1n20	0n 9	20s20	2n28	22s50	0n24	22n 4	1n52	14n55	0n23	18s49	2n 4	23s17	0s 4	1s42	0s47	16n26	1s49	0n29	0n39	25s49	5n40	2n56

Julian Day Number = 3058912.5, Delta T = 02h30m29s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'11, Lahiri = 47°10'12

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

JANUARY 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 45 29	10♑26'09	16♈35	19♐56	0♑52	1°D16	20°R21	4♐35	28♐54	27♓31	7°R40	1°R12	1♈35	6♐42	7♈32	M 1
T 2	6 49 26	11°26'56	0♉32	20°51	2° 8	1♊17	20♌16	4°42	28°57	27°32	7♌39	1♈11	1°32	6°49	7°33	T 2
W 3	6 53 22	12°27'44	14°52	21°51	3°23	1°18	20°11	4°48	29° 1	27°33	7°38	1° 8	1°29	6°55	7°34	W 3
T 4	6 57 19	13°28'33	29°32	22°55	4°38	1°21	20° 6	4°54	29° 5	27°34	7°37	1° 2	1°25	7° 2	7°34	T 4
F 5	7 1 16	14°29'23	14♊29	24° 2	5°54	1°24	20° 1	5° 1	29° 8	27°35	7°36	0°54	1°22	7° 9	7°35	F 5
S 6	7 5 12	15°30'13	29°33	25°13	7° 9	1°27	19°55	5° 7	29°12	27°36	7°35	0°43	1°19	7°16	7°36	S 6
S 7	7 9 9	16°31'04	14♋36	26°26	8°25	1°32	19°50	5°13	29°16	27°37	7°33	0°32	1°16	7°22	7°38	S 7
M 8	7 13 5	17°31'56	29°27	27°42	9°40	1°37	19°44	5°19	29°19	27°38	7°32	0°21	1°13	7°29	7°39	M 8
T 9	7 17 2	18°32'49	13♌58	29° 0	10°55	1°43	19°38	5°25	29°23	27°39	7°31	0°12	1°10	7°36	7°40	T 9
W10	7 20 58	19°33'43	28° 2	0♑19	12°11	1°50	19°32	5°31	29°26	27°40	7°30	0° 5	1° 6	7°42	7°41	W10
T 11	7 24 55	20°34'37	11♍38	1°40	13°26	1°57	19°26	5°37	29°30	27°41	7°29	0° 1	1° 3	7°49	7°42	T 11
F 12	7 28 51	21°35'33	24°46	3° 2	14°42	2° 5	19°19	5°43	29°33	27°42	7°28	29°D59	1° 0	7°56	7°44	F 12
S 13	7 32 48	22°36'30	7♎28	4°25	15°57	2°14	19°13	5°49	29°37	27°44	7°26	29♓59	0°57	8° 3	7°45	S 13
S 14	7 36 45	23°37'27	19°49	5°50	17°12	2°23	19° 6	5°54	29°40	27°45	7°25	0°R 0	0°54	8° 9	7°47	S 14
M15	7 40 41	24°38'25	1♏55	7°15	18°28	2°33	19° 0	6° 0	29°44	27°46	7°24	0♈ 0	0°51	8°16	7°48	M15
T 16	7 44 38	25°39'25	13°51	8°41	19°43	2°44	18°53	6° 6	29°47	27°47	7°23	29♓58	0°47	8°23	7°50	T 16
W17	7 48 34	26°40'25	25°41	10° 8	20°59	2°55	18°46	6°11	29°51	27°49	7°22	29°54	0°44	8°29	7°51	W17
T 18	7 52 31	27°41'26	7♐31	11°36	22°14	3° 7	18°39	6°17	29°54	27°50	7°20	29°47	0°41	8°36	7°53	T 18
F 19	7 56 27	28°42'28	19°24	13° 4	23°30	3°19	18°32	6°22	29°57	27°51	7°19	29°38	0°38	8°43	7°55	F 19
S 20	8 0 24	29°43'30	1♑24	14°32	24°45	3°32	18°24	6°27	0♑ 1	27°53	7°18	29°27	0°35	8°50	7°56	S 20
S 21	8 4 21	0♒44'33	13°32	16° 1	26° 1	3°46	18°17	6°33	0° 4	27°54	7°17	29°15	0°31	8°56	7°58	S 21
M22	8 8 17	1°45'36	25°50	17°31	27°16	4° 0	18°10	6°38	0° 7	27°55	7°15	29° 4	0°28	9° 3	8° 0	M22
T 23	8 12 14	2°46'40	8♒18	19° 1	28°32	4°15	18° 2	6°43	0°11	27°57	7°14	28°53	0°25	9°10	8° 2	T 23
W24	8 16 10	3°47'44	20°57	20°31	29°47	4°30	17°54	6°48	0°14	27°58	7°13	28°45	0°22	9°16	8° 4	W24
T 25	8 20 7	4°48'48	3♓47	22° 2	1♒ 3	4°46	17°47	6°53	0°17	28° 0	7°12	28°39	0°19	9°23	8° 6	T 25
F 26	8 24 3	5°49'52	16°48	23°33	2°18	5° 3	17°39	6°58	0°20	28° 1	7°10	28°37	0°16	9°30	8° 8	F 26
S 27	8 28 0	6°50'56	0♈ 0	25° 4	3°34	5°20	17°31	7° 3	0°24	28° 3	7° 9	28°D36	0°12	9°37	8°10	S 27
S 28	8 31 56	7°52'00	13°25	26°36	4°49	5°37	17°23	7° 8	0°27	28° 5	7° 8	28°37	0° 9	9°43	8°12	S 28
M29	8 35 53	8°53'04	27° 3	28° 8	6° 5	5°55	17°15	7°12	0°30	28° 6	7° 7	28°38	0° 6	9°50	8°14	M29
T 30	8 39 50	9°54'08	10♉56	29°41	7°20	6°13	17° 7	7°17	0°33	28° 8	7° 5	28°R38	0° 3	9°57	8°17	T 30
W31	8 43 46	10♒55'11	25♉ 3	1♒13	8♒36	6♊32	16♌59	7♐21	0♑36	28♓10	7♌ 4	28♓37	29♓59	10♐ 3	8♈19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s49	7n42	1n20	20s29	2n23	22s52	0n21	22n 5	1n53	14n57	0n23	18s50	2n 4	23s17	0s 4	1s42	0s47	16n26	1s49	0n29	0n37	25s50	5n40	2n56
T 2	22 44	13 53	2 28	20 39	2 17	22 54	0 19	22 6	1 55	14 58	0 24	18 51	2 4	23 17	0 4	1 41	0 47	16 26	1 49	0 28	0 36	25 52	5 40	2 56
W 3	22 39	19 29	3 29	20 49	2 10	22 55	0 17	22 8	1 56	15 0	0 24	18 52	2 4	23 18	0 4	1 41	0 47	16 27	1 49	0 27	0 35	25 53	5 40	2 56
T 4	22 33	24 3	4 17	20 59	2 3	22 55	0 14	22 9	1 57	15 2	0 24	18 53	2 4	23 18	0 4	1 41	0 47	16 27	1 49	0 25	0 34	25 55	5 40	2 56
F 5	22 27	27 7	4 49	21 10	1 56	22 54	0 12	22 11	1 58	15 4	0 24	18 54	2 4	23 18	0 4	1 40	0 47	16 27	1 49	0 21	0 32	25 56	5 40	2 55
S 6	22 20	28 14	5 1	21 20	1 48	22 53	0 9	22 13	1 59	15 6	0 24	18 55	2 4	23 18	0 4	1 40	0 47	16 28	1 49	0 17	0 31	25 58	5 41	2 55
S 7	22 13	27 16	4 52	21 30	1 41	22 51	0 7	22 15	2 0	15 8	0 24	18 56	2 4	23 18	0 4	1 39	0 47	16 28	1 49	0 12	0 30	25 59	5 41	2 55
M 8	22 5	24 23	4 23	21 40	1 33	22 48	0 4	22 17	2 1	15 10	0 25	18 57	2 4	23 18	0 4	1 39	0 47	16 28	1 49	0 8	0 29	26 1	5 41	2 55
T 9	21 57	19 59	3 38	21 49	1 25	22 45	0 2	22 19	2 2	15 12	0 25	18 58	2 5	23 18	0 4	1 39	0 47	16 29	1 49	0 5	0 27	26 2	5 41	2 54
W10	21 49	14 34	2 41	21 57	1 17	22 41	0s 1	22 21	2 3	15 14	0 25	18 59	2 5	23 18	0 4	1 38	0 47	16 29	1 48	0 2	0 26	26 4	5 42	2 54
T 11	21 40	8 37	1 36	22 5	1 9	22 36	0 3	22 23	2 4	15 16	0 25	19 0	2 5	23 18	0 4	1 38	0 47	16 29	1 48	0 1	0 25	26 5	5 42	2 54
F 12	21 31	2 29	0 28	22 11	1 0	22 31	0 5	22 26	2 5	15 18	0 25	19 1	2 5	23 18	0 4	1 37	0 47	16 30	1 48	0s 0	0 24	26 7	5 42	2 54
S 13	21 21	3s33	0s40	22 17	0 52	22 25	0 8	22 28	2 5	15 20	0 25	19 2	2 5	23 18	0 4	1 37	0 47	16 30	1 48	0 0	0 22	26 8	5 43	2 53
S 14	21 11	9 17	1 43	22 22	0 44	22 18	0 10	22 31	2 6	15 22	0 26	19 3	2 5	23 18	0 4	1 36	0 47	16 30	1 48	0n 0	0 21	26 10	5 43	2 53
M15	21 0	14 34	2 41	22 26	0 36	22 11	0 13	22 33	2 7	15 24	0 26	19 4	2 5	23 18	0 4	1 36	0 47	16 31	1 48	0 0	0 20	26 11	5 43	2 53
T 16	20 49	19 13	3 31	22 29	0 28	22 2	0 15	22 36	2 7	15 27	0 26	19 4	2 5	23 18	0 4	1 35	0 47	16 31	1 48	0s 1	0 19	26 12	5 44	2 53
W17	20 38	23 5	4 12	22 31	0 20	21 54	0 17	22 39	2 8	15 29	0 26	19 5	2 6	23 18	0 4	1 35	0 47	16 31	1 48	0 2	0 17	26 14	5 44	2 53
T 18	20 26	26 0	4 41	22 31	0 12	21 44	0 20	22 42	2 8	15 31	0 26	19 6	2 6	23 18	0 4	1 34	0 47	16 32	1 48	0 5	0 16	26 15	5 45	2 52
F 19	20 14	27 46	4 59	22 31	0 5	21 34	0 22	22 45	2 9	15 34	0 26	19 7	2 6	23 18	0 4	1 34	0 47	16 32	1 48	0 9	0 15	26 17	5 45	2 52
S 20	20 2	28 16	5 3	22 30	0s 3	21 23	0 24	22 48	2 9	15 36	0 27	19 8	2 6	23 18	0 4	1 33	0 47	16 33	1 48	0 13	0 14	26 18	5 46	2 52
S 21	19 49	27 25	4 54	22 27	0 10	21 12	0 27	22 51	2 10	15 38	0 27	19 8	2 6	23 18	0 4	1 33	0 47	16 33	1 48	0 18	0 12	26 19	5 46	2 52
M22	19 36	25 14	4 31	22 23	0 18	21 0	0 29	22 54	2 10	15 41	0 27	19 9	2 6	23 18	0 4	1 32	0 47	16 33	1 48	0 22	0 11	26 21	5 47	2 51
T 23	19 22	21 49	3 55	22 18	0 25	20 47	0 31	22 57	2 11	15 43	0 27	19 10	2 6	23 18	0 4	1 31	0 47	16 34	1 48	0 26	0 10	26 22	5 47	2 51
W24	19 8	17 21	3 7	22 12	0 32	20 34	0 34	23 0	2 11	15 46	0 27	19 10	2 6	23 18	0 4	1 31	0 47	16 34	1 48	0 30	0 9	26 23	5 48	2 51
T 25	18 54	12 2	2 9	22 5	0 39	20 20	0 36	23 3	2 11	15 48	0 27	19 11	2 7	23 18	0 4	1 30	0 47	16 34	1 48	0 32	0 7	26 25	5 48	2 51
F 26	18 39	6 8	1 3	21 56	0 45	20 5	0 38	23 6	2 11	15 51	0 27	19 12	2 7	23 18	0 4	1 30	0 47	16 35	1 48	0 33	0 6	26 26	5 49	2 51
S 27	18 24	0n 7	0n 8	21 47	0 51	19 50	0 40	23 10	2 12	15 53	0 28	19 12	2 7	23 18	0 4	1 29	0 47	16 35	1 48	0 33	0 5	26 28	5 50	2 50
S 28	18 8	6 28	1 19	21 36	0 58	19 34	0 42	23 13	2 12	15 56	0 28	19 13	2 7	23 18	0 4	1 28	0 47	16 35	1 48	0 33	0 4	26 29	5 50	2 50
M29	17 53	12 37	2 27	21 24	1 4	19 18	0 44	23 16	2 12	15 58	0 28	19 14	2 7	23 18	0 4	1 28	0 46	16 36	1 47	0 32	0 2	26 30	5 51	2 50
T 30	17 37	18 16	3 28	21 10	1 9	19 1	0 46	23 20	2 12	16 1	0 28	19 14	2 7	23 18	0 4	1 27	0 46	16 36	1 47	0 32	0 1	26 31	5 52	2 50
W31	17s20	23n 1	4n17	20s56	1s15	18s44	0s48	23n23	2n12	16n 3	0n28	19s15	2n 8	23s18	0s 4	1s26	0s46	16n37	1s47	0s33	0s 0	26s33	5n52	2n50

Julian Day Number = 3058943.5, Delta T = 02h30m30s
Ecliptic obliquity = 23°13'40, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'15, Lahiri = 47°10'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3663
geocentric

FEBRUARY 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 47 43	11♒56'15	9♊24	2♒47	9♒51	6♊51	16°R51	7♐26	0♑39	28♓11	7°R 3	28°R34	29♓57	10♐10	8♈21	T 1
F 2	8 51 39	12°57'18	23°55	4°20	11° 7	7°11	16♌43	7°30	0°42	28°13	7♌ 2	28♓29	29°53	10°17	8°24	F 2
S 3	8 55 36	13°58'21	8♋32	5°54	12°22	7°31	16°35	7°34	0°45	28°15	7° 0	28°23	29°50	10°24	8°26	S 3
S 4	8 59 32	14°59'23	23° 9	7°29	13°38	7°51	16°27	7°39	0°48	28°16	6°59	28°16	29°47	10°30	8°29	S 4
M 5	9 3 29	16° 0'26	7♌38	9° 4	14°53	8°12	16°19	7°43	0°51	28°18	6°58	28° 9	29°44	10°37	8°31	M 5
T 6	9 7 25	17° 1'28	21°53	10°39	16° 9	8°33	16°11	7°47	0°54	28°20	6°57	28° 3	29°41	10°44	8°34	T 6
W 7	9 11 22	18° 2'29	5♍48	12°15	17°24	8°55	16° 3	7°51	0°57	28°22	6°56	27°59	29°37	10°50	8°36	W 7
T 8	9 15 19	19° 3'31	19°21	13°51	18°40	9°17	15°55	7°55	0°59	28°24	6°54	27°57	29°34	10°57	8°39	T 8
F 9	9 19 15	20° 4'32	2♎29	15°27	19°55	9°39	15°47	7°58	1° 2	28°26	6°53	27°D56	29°31	11° 4	8°41	F 9
S 10	9 23 12	21° 5'34	15°15	17° 5	21°11	10° 2	15°39	8° 2	1° 5	28°27	6°52	27°57	29°28	11°11	8°44	S 10
S 11	9 27 8	22° 6'35	27°41	18°42	22°26	10°25	15°31	8° 6	1° 8	28°29	6°51	27°59	29°25	11°17	8°47	S 11
M12	9 31 5	23° 7'36	9♏51	20°20	23°42	10°48	15°23	8° 9	1°10	28°31	6°49	28° 1	29°22	11°24	8°49	M12
T 13	9 35 1	24° 8'37	21°49	21°59	24°57	11°12	15°15	8°13	1°13	28°33	6°48	28°R 2	29°18	11°31	8°52	T 13
W14	9 38 58	25° 9'38	3♐42	23°38	26°12	11°36	15° 7	8°16	1°15	28°35	6°47	28° 1	29°15	11°37	8°55	W14
T 15	9 42 54	26°10'39	15°33	25°18	27°28	12° 0	14°59	8°19	1°18	28°37	6°46	27°59	29°12	11°44	8°58	T 15
F 16	9 46 51	27°11'39	27°28	26°58	28°43	12°25	14°51	8°22	1°20	28°39	6°45	27°56	29° 9	11°51	9° 1	F 16
S 17	9 50 48	28°12'40	9♑31	28°39	29°59	12°50	14°44	8°25	1°23	28°41	6°44	27°52	29° 6	11°58	9° 4	S 17
S 18	9 54 44	29°13'39	21°45	0♓21	1♓14	13°15	14°36	8°28	1°25	28°43	6°42	27°47	29° 3	12° 4	9° 7	S 18
M19	9 58 41	0♓14'39	4♒12	2° 3	2°30	13°41	14°29	8°31	1°28	28°45	6°41	27°42	28°59	12°11	9°10	M19
T 20	10 2 37	1°15'37	16°53	3°46	3°45	14° 7	14°21	8°34	1°30	28°47	6°40	27°37	28°56	12°18	9°13	T 20
W21	10 6 34	2°16'36	29°50	5°29	5° 1	14°33	14°14	8°37	1°32	28°49	6°39	27°34	28°53	12°24	9°16	W21
T 22	10 10 30	3°17'33	13♓ 2	7°13	6°16	14°59	14° 6	8°39	1°34	28°52	6°38	27°32	28°50	12°31	9°19	T 22
F 23	10 14 27	4°18'29	26°27	8°57	7°31	15°25	13°59	8°42	1°37	28°54	6°37	27°D31	28°47	12°38	9°22	F 23
S 24	10 18 23	5°19'25	10♈ 5	10°42	8°47	15°52	13°52	8°44	1°39	28°56	6°36	27°31	28°43	12°45	9°25	S 24
S 25	10 22 20	6°20'20	23°52	12°27	10° 2	16°19	13°45	8°46	1°41	28°58	6°35	27°32	28°40	12°51	9°28	S 25
M26	10 26 17	7°21'13	7♉48	14°13	11°18	16°47	13°38	8°49	1°43	29° 0	6°34	27°34	28°37	12°58	9°31	M26
T 27	10 30 13	8°22'06	21°51	15°59	12°33	17°14	13°32	8°51	1°45	29° 2	6°33	27°35	28°34	13° 5	9°35	T 27
W28	10 34 10	9♓22'57	5♊59	17♓45	13♓48	17♊42	13♌25	8♐53	1♑47	29♓ 4	6♌32	27°R36	28♓31	13♐11	9♈38	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 4	26n27	4n51	20s40	1s20	18s26	0s50	23n26	2n13	16n 6	0n28	19s15	2n 8	23s18	0s 4	1s26	0s46	16n37	1s47	0s34	0s 1	26s34	5n53	2n49
F 2	16 47	28 12	5 7	20 23	1 25	18 7	0 52	23 30	2 13	16 8	0 28	19 16	2 8	23 18	0 4	1 25	0 46	16 37	1 47	0 36	0 3	26 35	5 54	2 49
S 3	16 29	28 0	5 3	20 5	1 30	17 48	0 54	23 33	2 13	16 11	0 29	19 16	2 8	23 18	0 4	1 24	0 46	16 38	1 47	0 38	0 4	26 37	5 55	2 49
S 4	16 12	25 51	4 40	19 46	1 35	17 29	0 56	23 37	2 13	16 13	0 29	19 17	2 8	23 18	0 4	1 23	0 46	16 38	1 47	0 41	0 5	26 38	5 55	2 49
M 5	15 54	22 2	3 58	19 26	1 39	17 9	0 58	23 40	2 13	16 16	0 29	19 17	2 8	23 18	0 4	1 23	0 46	16 38	1 47	0 44	0 6	26 39	5 56	2 49
T 6	15 36	16 58	3 3	19 4	1 43	16 48	1 0	23 43	2 13	16 18	0 29	19 18	2 9	23 18	0 4	1 22	0 46	16 39	1 47	0 46	0 8	26 41	5 57	2 48
W 7	15 17	11 7	1 57	18 41	1 47	16 27	1 1	23 47	2 13	16 21	0 29	19 18	2 9	23 18	0 4	1 21	0 46	16 39	1 47	0 48	0 9	26 42	5 58	2 48
T 8	14 59	4 54	0 47	18 17	1 50	16 6	1 3	23 50	2 13	16 23	0 29	19 19	2 9	23 18	0 4	1 21	0 46	16 39	1 47	0 49	0 10	26 43	5 59	2 48
F 9	14 40	1s22	0s25	17 52	1 54	15 44	1 5	23 54	2 13	16 26	0 29	19 19	2 9	23 18	0 4	1 20	0 46	16 40	1 47	0 49	0 11	26 44	5 59	2 48
S 10	14 20	7 23	1 33	17 26	1 57	15 22	1 6	23 57	2 13	16 28	0 29	19 20	2 9	23 18	0 4	1 19	0 46	16 40	1 47	0 48	0 13	26 45	6 0	2 48
S 11	14 1	12 58	2 35	16 59	1 59	14 59	1 8	24 0	2 13	16 31	0 30	19 20	2 9	23 18	0 5	1 18	0 46	16 41	1 47	0 48	0 14	26 47	6 1	2 48
M12	13 41	17 56	3 29	16 30	2 1	14 36	1 9	24 3	2 13	16 33	0 30	19 20	2 10	23 18	0 5	1 18	0 46	16 41	1 47	0 47	0 15	26 48	6 2	2 47
T 13	13 21	22 7	4 12	16 0	2 3	14 12	1 11	24 7	2 13	16 36	0 30	19 21	2 10	23 18	0 5	1 17	0 46	16 41	1 46	0 47	0 16	26 49	6 3	2 47
W14	13 1	25 22	4 45	15 29	2 5	13 48	1 12	24 10	2 13	16 38	0 30	19 21	2 10	23 18	0 5	1 16	0 46	16 42	1 46	0 47	0 18	26 50	6 4	2 47
T 15	12 41	27 30	5 5	14 57	2 6	13 24	1 13	24 13	2 12	16 40	0 30	19 21	2 10	23 18	0 5	1 15	0 46	16 42	1 46	0 48	0 19	26 52	6 5	2 47
F 16	12 20	28 24	5 12	14 24	2 7	12 59	1 15	24 16	2 12	16 43	0 30	19 22	2 10	23 18	0 5	1 14	0 46	16 42	1 46	0 49	0 20	26 53	6 6	2 47
S 17	11 59	27 58	5 6	13 50	2 7	12 34	1 16	24 19	2 12	16 45	0 30	19 22	2 11	23 18	0 5	1 14	0 46	16 43	1 46	0 51	0 21	26 54	6 7	2 46
S 18	11 38	26 11	4 46	13 14	2 7	12 8	1 17	24 22	2 12	16 47	0 30	19 22	2 11	23 18	0 5	1 13	0 46	16 43	1 46	0 53	0 23	26 55	6 8	2 46
M19	11 17	23 7	4 12	12 38	2 7	11 43	1 18	24 25	2 12	16 50	0 30	19 23	2 11	23 18	0 5	1 12	0 46	16 43	1 46	0 55	0 24	26 56	6 9	2 46
T 20	10 56	18 53	3 25	12 0	2 6	11 17	1 19	24 28	2 12	16 52	0 30	19 23	2 11	23 18	0 5	1 11	0 46	16 44	1 46	0 56	0 25	26 57	6 10	2 46
W21	10 34	13 43	2 26	11 21	2 5	10 50	1 20	24 31	2 11	16 54	0 30	19 23	2 11	23 18	0 5	1 10	0 46	16 44	1 46	0 58	0 26	26 59	6 11	2 46
T 22	10 13	7 49	1 19	10 41	2 3	10 23	1 21	24 34	2 11	16 56	0 31	19 23	2 11	23 18	0 5	1 10	0 46	16 45	1 46	0 59	0 28	27 0	6 12	2 46
F 23	9 51	1 29	0 6	10 1	2 1	9 56	1 22	24 37	2 11	16 58	0 31	19 23	2 12	23 18	0 5	1 9	0 46	16 45	1 46	0 59	0 29	27 1	6 13	2 46
S 24	9 29	5n 1	1n 9	9 19	1 58	9 29	1 23	24 39	2 11	17 1	0 31	19 24	2 12	23 18	0 5	1 8	0 46	16 45	1 46	0 59	0 30	27 2	6 14	2 45
S 25	9 6	11 21	2 20	8 36	1 55	9 2	1 23	24 42	2 11	17 3	0 31	19 24	2 12	23 18	0 5	1 7	0 46	16 46	1 46	0 58	0 31	27 3	6 15	2 45
M26	8 44	17 13	3 24	7 52	1 51	8 34	1 24	24 44	2 10	17 5	0 31	19 24	2 12	23 18	0 5	1 6	0 46	16 46	1 45	0 58	0 33	27 4	6 16	2 45
T 27	8 22	22 12	4 16	7 7	1 46	8 6	1 25	24 47	2 10	17 7	0 31	19 24	2 12	23 18	0 5	1 5	0 46	16 46	1 45	0 57	0 34	27 5	6 18	2 45
W28	7s59	25n56	4n53	6s21	1s41	7s38	1s25	24n49	2n10	17n 9	0n31	19s24	2n13	23s18	0s 5	1s 4	0s46	16n47	1s45	0s57	0s35	27s 6	6n19	2n45

Julian Day Number = 3058974.5, Delta T = 02h30m31s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'20, Lahiri = 47°10'20

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

MARCH 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 6	10♓23'47	20♊11	19♓31	15♓ 4	18♊10	13°R18	8♐55	1♑49	29♓ 7	6°R31	27°R36	28♓28	13♐18	9♈41	T 1
F 2	10 42 3	11°24'36	4♋24	21°18	16°19	18°38	13♌12	8°56	1°51	29° 9	6♌30	27♓35	28°24	13°25	9°45	F 2
S 3	10 45 59	12°25'24	18°35	23° 4	17°34	19° 6	13° 6	8°58	1°52	29°11	6°29	27°33	28°21	13°32	9°48	S 3
S 4	10 49 56	13°26'10	2♌42	24°50	18°50	19°35	13° 0	9° 0	1°54	29°13	6°28	27°31	28°18	13°38	9°51	S 4
M 5	10 53 52	14°26'55	16°41	26°35	20° 5	20° 4	12°54	9° 1	1°56	29°15	6°27	27°29	28°15	13°45	9°55	M 5
T 6	10 57 49	15°27'38	0♍28	28°20	21°20	20°33	12°48	9° 2	1°58	29°18	6°26	27°28	28°12	13°52	9°58	T 6
W 7	11 1 46	16°28'21	14° 2	0♈ 3	22°36	21° 2	12°42	9° 4	1°59	29°20	6°25	27°27	28° 9	13°59	10° 1	W 7
T 8	11 5 42	17°29'02	27°18	1°46	23°51	21°31	12°37	9° 5	2° 1	29°22	6°24	27°D26	28° 5	14° 5	10° 5	T 8
F 9	11 9 39	18°29'42	10♎17	3°26	25° 6	22° 1	12°32	9° 6	2° 2	29°24	6°23	27°27	28° 2	14°12	10° 8	F 9
S 10	11 13 35	19°30'21	22°58	5° 4	26°21	22°30	12°26	9° 7	2° 4	29°27	6°22	27°27	27°59	14°19	10°12	S 10
S 11	11 17 32	20°30'58	5♏23	6°39	27°36	23° 0	12°21	9° 8	2° 5	29°29	6°21	27°28	27°56	14°25	10°15	S 11
M12	11 21 28	21°31'35	17°34	8°11	28°52	23°30	12°17	9° 8	2° 7	29°31	6°20	27°29	27°53	14°32	10°19	M12
T 13	11 25 25	22°32'11	29°35	9°39	0♈ 7	24° 0	12°12	9° 9	2° 8	29°33	6°20	27°29	27°49	14°39	10°22	T 13
W14	11 29 21	23°32'46	11♐29	11° 2	1°22	24°30	12° 7	9° 9	2° 9	29°36	6°19	27°30	27°46	14°46	10°26	W14
T 15	11 33 18	24°33'19	23°22	12°20	2°37	25° 1	12° 3	9°10	2°10	29°38	6°18	27°R30	27°43	14°52	10°29	T 15
F 16	11 37 14	25°33'52	5♑17	13°32	3°52	25°32	11°59	9°10	2°12	29°40	6°17	27°30	27°40	14°59	10°33	F 16
S 17	11 41 11	26°34'23	17°20	14°38	5° 7	26° 2	11°55	9°10	2°13	29°42	6°16	27°30	27°37	15° 6	10°36	S 17
S 18	11 45 8	27°34'53	29°34	15°36	6°23	26°33	11°51	9°R10	2°14	29°45	6°16	27°D30	27°34	15°12	10°40	S 18
M19	11 49 4	28°35'22	12♒ 4	16°27	7°38	27° 4	11°48	9°10	2°15	29°47	6°15	27°30	27°30	15°19	10°43	M19
T 20	11 53 1	29°35'50	24°53	17° 9	8°53	27°35	11°44	9°10	2°16	29°49	6°14	27°30	27°27	15°26	10°47	T 20
W21	11 56 57	0♈36'16	8♓ 2	17°42	10° 8	28° 7	11°41	9°10	2°17	29°52	6°14	27°30	27°24	15°33	10°51	W21
T 22	12 0 54	1°36'41	21°32	18° 5	11°23	28°38	11°38	9°10	2°17	29°54	6°13	27°R30	27°21	15°39	10°54	T 22
F 23	12 4 50	2°37'04	5♈21	18°19	12°38	29° 9	11°35	9° 9	2°18	29°56	6°12	27°30	27°18	15°46	10°58	F 23
S 24	12 8 47	3°37'26	19°26	18°R23	13°53	29°41	11°33	9° 9	2°19	29°58	6°12	27°30	27°14	15°53	11° 1	S 24
S 25	12 12 43	4°37'46	3♉43	18°18	15° 8	0♋13	11°30	9° 8	2°20	0♈ 1	6°11	27°29	27°11	15°59	11° 5	S 25
M26	12 16 40	5°38'05	18° 7	18° 2	16°23	0°45	11°28	9° 7	2°20	0° 3	6°11	27°28	27° 8	16° 6	11° 9	M26
T 27	12 20 37	6°38'22	2♊33	17°38	17°38	1°17	11°26	9° 7	2°21	0° 5	6°10	27°27	27° 5	16°13	11°12	T 27
W28	12 24 33	7°38'36	16°57	17° 5	18°53	1°49	11°24	9° 6	2°21	0° 7	6°10	27°26	27° 2	16°20	11°16	W28
T 29	12 28 30	8°38'49	1♋14	16°24	20° 8	2°21	11°22	9° 5	2°22	0°10	6° 9	27°26	26°59	16°26	11°20	T 29
F 30	12 32 26	9°39'00	15°21	15°37	21°22	2°53	11°21	9° 3	2°22	0°12	6° 9	27°D26	26°55	16°33	11°23	F 30
S 31	12 36 23	10♈39'09	29♋18	14♈45	22♈37	3♋26	11♌20	9♐ 2	2♑22	0♈14	6♌ 8	27♓26	26♓52	16♐40	11♈27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s36	28n 4	5n13	5s35	1s36	7s 9	1s26	24n52	2n10	17n10	0n31	19s24	2n13	23s18	0s 5	1s 4	0s46	16n47	1s45	0s57	0s36	27s 7	6n20	2n45
F 2	7 13	28 22	5 13	4 48	1 30	6 41	1 26	24 54	2 9	17 12	0 31	19 24	2 13	23 18	0 5	1 3	0 46	16 47	1 45	0 57	0 38	27 9	6 21	2 44
S 3	6 50	26 49	4 55	4 0	1 23	6 12	1 27	24 56	2 9	17 14	0 31	19 24	2 13	23 18	0 5	1 2	0 46	16 48	1 45	0 58	0 39	27 10	6 22	2 44
S 4	6 27	23 34	4 18	3 11	1 15	5 43	1 27	24 58	2 9	17 16	0 31	19 24	2 13	23 18	0 5	1 1	0 46	16 48	1 45	0 59	0 40	27 11	6 23	2 44
M 5	6 4	18 59	3 27	2 22	1 7	5 14	1 27	25 0	2 9	17 18	0 31	19 24	2 14	23 18	0 5	1 0	0 46	16 48	1 45	0 59	0 41	27 12	6 25	2 44
T 6	5 41	13 27	2 24	1 33	0 58	4 45	1 27	25 2	2 8	17 19	0 31	19 24	2 14	23 18	0 5	0 59	0 46	16 48	1 45	1 0	0 43	27 13	6 26	2 44
W 7	5 18	7 22	1 14	0 43	0 49	4 15	1 27	25 3	2 8	17 21	0 31	19 24	2 14	23 18	0 5	0 58	0 46	16 49	1 45	1 0	0 44	27 14	6 27	2 44
T 8	4 54	1 5	0 1	0n 6	0 39	3 46	1 28	25 5	2 8	17 23	0 31	19 24	2 14	23 18	0 5	0 58	0 46	16 49	1 45	1 1	0 45	27 15	6 28	2 44
F 9	4 31	5s 7	1s11	0 56	0 28	3 16	1 28	25 6	2 7	17 24	0 32	19 24	2 14	23 18	0 5	0 57	0 46	16 49	1 45	1 0	0 46	27 16	6 29	2 44
S 10	4 7	10 58	2 17	1 45	0 16	2 47	1 27	25 8	2 7	17 26	0 32	19 24	2 15	23 18	0 5	0 56	0 46	16 50	1 44	1 0	0 48	27 17	6 31	2 43
S 11	3 44	16 16	3 15	2 33	0 4	2 17	1 27	25 9	2 7	17 27	0 32	19 24	2 15	23 18	0 5	0 55	0 46	16 50	1 44	1 0	0 49	27 18	6 32	2 43
M12	3 20	20 49	4 3	3 21	0n 9	1 47	1 27	25 10	2 6	17 28	0 32	19 24	2 15	23 18	0 5	0 54	0 46	16 50	1 44	1 0	0 50	27 19	6 33	2 43
T 13	2 56	24 27	4 40	4 7	0 22	1 17	1 27	25 12	2 6	17 30	0 32	19 24	2 15	23 18	0 5	0 53	0 46	16 51	1 44	0 59	0 51	27 20	6 34	2 43
W14	2 32	27 0	5 5	4 52	0 35	0 47	1 26	25 12	2 6	17 31	0 32	19 24	2 15	23 18	0 5	0 52	0 46	16 51	1 44	0 59	0 53	27 21	6 36	2 43
T 15	2 9	28 20	5 16	5 36	0 50	0 17	1 26	25 13	2 5	17 32	0 32	19 24	2 16	23 18	0 5	0 51	0 46	16 51	1 44	0 59	0 54	27 22	6 37	2 43
F 16	1 45	28 21	5 14	6 17	1 4	0n13	1 26	25 14	2 5	17 33	0 32	19 24	2 16	23 18	0 5	0 50	0 46	16 51	1 44	0 59	0 55	27 23	6 38	2 43
S 17	1 21	27 3	4 58	6 56	1 19	0 43	1 25	25 15	2 5	17 35	0 32	19 23	2 16	23 18	0 5	0 50	0 46	16 52	1 44	0 59	0 56	27 24	6 40	2 43
S 18	0 57	24 26	4 29	7 32	1 33	1 13	1 24	25 15	2 4	17 36	0 32	19 23	2 16	23 18	0 5	0 49	0 46	16 52	1 44	0 59	0 58	27 25	6 41	2 43
M19	0 33	20 38	3 46	8 5	1 48	1 43	1 24	25 16	2 4	17 37	0 32	19 23	2 16	23 18	0 5	0 48	0 46	16 52	1 44	0 59	0 59	27 26	6 42	2 42
T 20	0 10	15 48	2 51	8 34	2 2	2 13	1 23	25 16	2 4	17 38	0 32	19 23	2 17	23 18	0 5	0 47	0 46	16 52	1 44	0 59	1 0	27 27	6 43	2 42
W21	0n14	10 7	1 46	8 59	2 16	2 43	1 22	25 16	2 3	17 39	0 32	19 23	2 17	23 18	0 5	0 46	0 46	16 53	1 43	0 59	1 1	27 27	6 45	2 42
T 22	0 38	3 50	0 33	9 21	2 30	3 13	1 21	25 16	2 3	17 39	0 32	19 22	2 17	23 18	0 5	0 45	0 46	16 53	1 43	0 59	1 3	27 28	6 46	2 42
F 23	1 2	2n46	0n43	9 38	2 43	3 43	1 20	25 16	2 2	17 40	0 32	19 22	2 17	23 18	0 5	0 44	0 46	16 53	1 43	0 59	1 4	27 29	6 47	2 42
S 24	1 26	9 22	1 59	9 50	2 54	4 12	1 19	25 16	2 2	17 41	0 32	19 22	2 17	23 18	0 5	0 43	0 46	16 53	1 43	0 59	1 5	27 30	6 49	2 42
S 25	1 49	15 35	3 7	9 58	3 5	4 42	1 18	25 15	2 2	17 42	0 32	19 21	2 18	23 18	0 5	0 42	0 46	16 54	1 43	0 59	1 7	27 31	6 50	2 42
M26	2 13	21 0	4 5	10 0	3 14	5 12	1 17	25 15	2 1	17 42	0 32	19 21	2 18	23 18	0 5	0 42	0 46	16 54	1 43	1 0	1 8	27 32	6 51	2 42
T 27	2 37	25 11	4 47	9 58	3 21	5 41	1 16	25 14	2 1	17 43	0 32	19 21	2 18	23 18	0 5	0 41	0 46	16 54	1 43	1 0	1 9	27 33	6 53	2 42
W28	3 0	27 45	5 11	9 51	3 27	6 10	1 15	25 13	2 1	17 43	0 32	19 21	2 18	23 18	0 5	0 40	0 46	16 54	1 43	1 1	1 10	27 34	6 54	2 42
T 29	3 24	28 29	5 16	9 39	3 31	6 40	1 14	25 13	2 0	17 44	0 32	19 20	2 18	23 18	0 5	0 39	0 46	16 55	1 43	1 1	1 12	27 35	6 55	2 42
F 30	3 47	27 20	5 1	9 22	3 33	7 9	1 12	25 12	2 0	17 44	0 32	19 20	2 18	23 18	0 5	0 38	0 46	16 55	1 43	1 1	1 13	27 35	6 57	2 42
S 31	4n11	24n30	4n29	9n 2	3n32	7n38	1s11	25n10	1n59	17n45	0n32	19s20	2n19	23s18	0s 5	0s37	0s47	16n55	1s42	1s 1	1s14	27s36	6n58	2n41

Julian Day Number = 3059002.5, Delta T = 02h30m31s
Ecliptic obliquity = 23°13'41, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'24, Lahiri = 47°10'24

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

APRIL 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 40 19	11♈39'16	13♌ 2	13°R48	23♈52	3♋58	11°R18	9°R 1	2♏23	0♈16	6°R 8	27♓27	26♓49	16♐46	11♈30	S 1
M 2	12 44 16	12°39'21	26°35	12♈49	25° 7	4°31	11♌18	8♐59	2°23	0°19	6♌ 7	27°29	26°46	16°53	11°34	M 2
T 3	12 48 12	13°39'23	9♍54	11°48	26°22	5° 4	11°17	8°58	2°23	0°21	6° 7	27°30	26°43	17° 0	11°38	T 3
W 4	12 52 9	14°39'24	23° 1	10°48	27°36	5°37	11°16	8°56	2°23	0°23	6° 7	27°R30	26°40	17° 7	11°41	W 4
T 5	12 56 6	15°39'23	5♎55	9°49	28°51	6° 9	11°16	8°54	2°23	0°25	6° 6	27°30	26°36	17°13	11°45	T 5
F 6	13 0 2	16°39'20	18°37	8°53	0♉ 6	6°42	11°D16	8°53	2°R23	0°28	6° 6	27°29	26°33	17°20	11°49	F 6
S 7	13 3 59	17°39'15	1♏ 6	8° 0	1°20	7°15	11°16	8°51	2°23	0°30	6° 6	27°27	26°30	17°27	11°52	S 7
S 8	13 7 55	18°39'09	13°24	7°12	2°35	7°49	11°16	8°49	2°23	0°32	6° 5	27°24	26°27	17°34	11°56	S 8
M 9	13 11 52	19°39'01	25°32	6°30	3°50	8°22	11°17	8°47	2°23	0°34	6° 5	27°20	26°24	17°40	12° 0	M 9
T 10	13 15 48	20°38'51	7♐32	5°53	5° 4	8°55	11°18	8°44	2°23	0°36	6° 5	27°16	26°20	17°47	12° 3	T 10
W11	13 19 45	21°38'40	19°26	5°22	6°19	9°28	11°18	8°42	2°23	0°39	6° 5	27°13	26°17	17°54	12° 7	W11
T 12	13 23 41	22°38'27	1♑18	4°58	7°33	10° 2	11°19	8°40	2°22	0°41	6° 5	27°10	26°14	18° 0	12°10	T 12
F 13	13 27 38	23°38'12	13°12	4°40	8°48	10°35	11°21	8°37	2°22	0°43	6° 4	27° 8	26°11	18° 7	12°14	F 13
S 14	13 31 35	24°37'56	25°13	4°28	10° 2	11° 9	11°22	8°35	2°22	0°45	6° 4	27°D 8	26° 8	18°14	12°18	S 14
S 15	13 35 31	25°37'38	7♒25	4°D22	11°17	11°43	11°24	8°32	2°21	0°47	6° 4	27° 8	26° 5	18°21	12°21	S 15
M16	13 39 28	26°37'18	19°53	4°23	12°31	12°16	11°26	8°29	2°21	0°49	6° 4	27°10	26° 1	18°27	12°25	M16
T 17	13 43 24	27°36'57	2♓41	4°29	13°45	12°50	11°28	8°26	2°20	0°51	6° 4	27°11	25°58	18°34	12°28	T 17
W18	13 47 21	28°36'34	15°52	4°40	15° 0	13°24	11°30	8°23	2°20	0°53	6° 4	27°13	25°55	18°41	12°32	W18
T 19	13 51 17	29°36'09	29°29	4°58	16°14	13°58	11°32	8°21	2°19	0°55	6°D 4	27°R13	25°52	18°47	12°35	T 19
F 20	13 55 14	0♉35'43	13♈32	5°20	17°28	14°32	11°35	8°17	2°18	0°57	6° 4	27°12	25°49	18°54	12°39	F 20
S 21	13 59 10	1°35'15	27°57	5°47	18°43	15° 6	11°38	8°14	2°17	0°59	6° 4	27° 9	25°46	19° 1	12°42	S 21
S 22	14 3 7	2°34'45	12♉39	6°18	19°57	15°40	11°41	8°11	2°17	1° 2	6° 4	27° 5	25°42	19° 8	12°46	S 22
M23	14 7 3	3°34'12	27°32	6°54	21°11	16°14	11°44	8° 8	2°16	1° 4	6° 4	27° 0	25°39	19°14	12°49	M23
T 24	14 11 0	4°33'38	12♊26	7°33	22°25	16°48	11°47	8° 4	2°15	1° 6	6° 4	26°54	25°36	19°21	12°53	T 24
W25	14 14 57	5°33'02	27°13	8°17	23°39	17°23	11°51	8° 1	2°14	1° 7	6° 5	26°49	25°33	19°28	12°56	W25
T 26	14 18 53	6°32'24	11♋46	9° 4	24°54	17°57	11°54	7°57	2°13	1° 9	6° 5	26°45	25°30	19°35	12°59	T 26
F 27	14 22 50	7°31'43	26° 2	9°54	26° 8	18°31	11°58	7°54	2°12	1°11	6° 5	26°43	25°26	19°41	13° 3	F 27
S 28	14 26 46	8°31'00	9♌57	10°47	27°22	19° 6	12° 2	7°50	2°11	1°13	6° 5	26°D42	25°23	19°48	13° 6	S 28
S 29	14 30 43	9°30'15	23°32	11°44	28°36	19°40	12° 6	7°47	2°10	1°15	6° 5	26°43	25°20	19°55	13°10	S 29
M30	14 34 39	10♉29'27	6♍49	12♈43	29♉50	20♋15	12♌11	7♐43	2♏ 8	1♈17	6♌ 6	26♓44	25♓17	20♐ 1	13♈13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n34	20n18	3n42	8n38	3n30	8n 6	1s 9	25n 9	1n59	17n45	0n32	19s19	2n19	23s18	0s 5	0s36	0s47	16n55	1s42	1s 0	1s15	27s37	6n59	2n41
M 2	4 57	15 6	2 43	8 11	3 26	8 35	1 8	25 8	1 59	17 45	0 32	19 19	2 19	23 18	0 5	0 35	0 47	16 55	1 42	1 0	1 17	27 38	7 1	2 41
T 3	5 21	9 16	1 36	7 41	3 19	9 3	1 6	25 6	1 58	17 45	0 32	19 18	2 19	23 18	0 5	0 35	0 47	16 56	1 42	0 59	1 18	27 39	7 2	2 41
W 4	5 44	3 8	0 25	7 10	3 11	9 31	1 5	25 4	1 58	17 46	0 32	19 18	2 19	23 18	0 5	0 34	0 47	16 56	1 42	0 59	1 19	27 40	7 4	2 41
T 5	6 7	3s 3	0s46	6 38	3 1	9 59	1 3	25 2	1 57	17 46	0 32	19 17	2 20	23 18	0 5	0 33	0 47	16 56	1 42	0 59	1 20	27 40	7 5	2 41
F 6	6 29	8 59	1 54	6 5	2 49	10 27	1 1	25 0	1 57	17 46	0 32	19 17	2 20	23 18	0 5	0 32	0 47	16 56	1 42	1 0	1 22	27 41	7 6	2 41
S 7	6 52	14 29	2 55	5 33	2 37	10 54	1 0	24 58	1 57	17 46	0 32	19 17	2 20	23 18	0 5	0 31	0 47	16 56	1 42	1 0	1 23	27 42	7 8	2 41
S 8	7 15	19 19	3 46	5 2	2 23	11 21	0 58	24 56	1 56	17 46	0 32	19 16	2 20	23 18	0 5	0 30	0 47	16 56	1 42	1 2	1 24	27 43	7 9	2 41
M 9	7 37	23 18	4 27	4 32	2 9	11 48	0 56	24 53	1 56	17 45	0 32	19 16	2 20	23 18	0 5	0 29	0 47	16 57	1 42	1 3	1 25	27 44	7 10	2 41
T 10	8 0	26 14	4 55	4 4	1 54	12 15	0 54	24 51	1 55	17 45	0 32	19 15	2 20	23 18	0 5	0 29	0 47	16 57	1 42	1 5	1 27	27 44	7 12	2 41
W11	8 22	27 58	5 11	3 37	1 38	12 41	0 52	24 48	1 55	17 45	0 32	19 15	2 21	23 18	0 5	0 28	0 47	16 57	1 41	1 6	1 28	27 45	7 13	2 41
T 12	8 44	28 26	5 13	3 14	1 23	13 7	0 50	24 45	1 54	17 45	0 32	19 14	2 21	23 18	0 5	0 27	0 47	16 57	1 41	1 7	1 29	27 46	7 14	2 41
F 13	9 6	27 35	5 1	2 52	1 7	13 33	0 48	24 42	1 54	17 44	0 32	19 14	2 21	23 18	0 5	0 26	0 47	16 57	1 41	1 8	1 30	27 47	7 16	2 41
S 14	9 28	25 26	4 37	2 33	0 52	13 58	0 46	24 39	1 54	17 44	0 32	19 13	2 21	23 18	0 5	0 25	0 47	16 57	1 41	1 8	1 32	27 47	7 17	2 41
S 15	9 49	22 7	4 0	2 17	0 37	14 23	0 44	24 36	1 53	17 44	0 32	19 13	2 21	23 18	0 5	0 24	0 47	16 57	1 41	1 8	1 33	27 48	7 18	2 41
M16	10 11	17 44	3 10	2 4	0 22	14 48	0 41	24 32	1 53	17 43	0 32	19 12	2 21	23 18	0 5	0 24	0 47	16 58	1 41	1 7	1 34	27 49	7 20	2 41
T 17	10 32	12 27	2 10	1 53	0 8	15 12	0 39	24 29	1 52	17 43	0 32	19 11	2 21	23 18	0 5	0 23	0 47	16 58	1 41	1 7	1 35	27 49	7 21	2 41
W18	10 53	6 28	1 2	1 45	0s 6	15 36	0 37	24 25	1 52	17 42	0 32	19 11	2 22	23 18	0 5	0 22	0 47	16 58	1 41	1 6	1 37	27 50	7 22	2 41
T 19	11 14	0 1	0n12	1 40	0 19	16 0	0 35	24 21	1 51	17 41	0 32	19 10	2 22	23 18	0 5	0 21	0 47	16 58	1 41	1 6	1 38	27 51	7 24	2 40
F 20	11 35	6n39	1 28	1 36	0 32	16 23	0 32	24 17	1 51	17 41	0 32	19 10	2 22	23 18	0 5	0 20	0 47	16 58	1 41	1 6	1 39	27 52	7 25	2 40
S 21	11 55	13 8	2 40	1 36	0 44	16 45	0 30	24 13	1 51	17 40	0 32	19 9	2 22	23 18	0 5	0 20	0 47	16 58	1 40	1 7	1 40	27 52	7 26	2 40
S 22	12 16	19 2	3 42	1 37	0 56	17 8	0 28	24 8	1 50	17 39	0 32	19 8	2 22	23 18	0 6	0 19	0 47	16 58	1 40	1 9	1 42	27 53	7 28	2 40
M23	12 36	23 49	4 30	1 41	1 7	17 29	0 25	24 4	1 50	17 38	0 32	19 8	2 22	23 18	0 6	0 18	0 47	16 58	1 40	1 11	1 43	27 54	7 29	2 40
T 24	12 56	27 3	5 0	1 47	1 18	17 51	0 23	23 59	1 49	17 37	0 32	19 7	2 22	23 18	0 6	0 17	0 47	16 58	1 40	1 13	1 44	27 54	7 30	2 40
W25	13 15	28 22	5 10	1 55	1 27	18 12	0 20	23 55	1 49	17 36	0 32	19 6	2 22	23 18	0 6	0 17	0 47	16 58	1 40	1 15	1 45	27 55	7 32	2 40
T 26	13 35	27 41	5 0	2 5	1 37	18 32	0 18	23 50	1 48	17 35	0 32	19 6	2 22	23 18	0 6	0 16	0 47	16 58	1 40	1 17	1 47	27 55	7 33	2 40
F 27	13 54	25 11	4 31	2 16	1 45	18 52	0 15	23 45	1 48	17 34	0 32	19 5	2 23	23 18	0 6	0 15	0 47	16 58	1 40	1 18	1 48	27 56	7 34	2 40
S 28	14 13	21 14	3 46	2 30	1 53	19 11	0 13	23 39	1 48	17 33	0 32	19 5	2 23	23 18	0 6	0 14	0 47	16 58	1 40	1 18	1 49	27 57	7 36	2 40
S 29	14 32	16 14	2 50	2 45	2 1	19 30	0 10	23 34	1 47	17 32	0 32	19 4	2 23	23 18	0 6	0 14	0 47	16 58	1 40	1 18	1 50	27 57	7 37	2 40
M30	14n50	10n34	1n46	3n 1	2s 8	19n49	0s 8	23n28	1n47	17n31	0n32	19s 3	2n23	23s18	0s 6	0s13	0s47	16n58	1s40	1s17	1s52	27s58	7n38	2n40

Julian Day Number = 3059033.5, Delta T = 02h30m32s
Ecliptic obliquity = 23°13'41, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'28, Lahiri = 47°10'28

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

MAY 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 38 36	11♉28'38	19♍49	13♈45	1♊ 4	20♋50	12♌15	7°R39	2°R 7	1♈19	6♌ 6	26♓45	25♓14	20♐ 8	13♈16	T 1
W 2	14 42 32	12°27'46	2♎36	14°50	2°18	21°24	12°20	7♐35	2♑ 6	1°21	6° 6	26°R45	25°11	20°15	13°20	W 2
T 3	14 46 29	13°26'52	15°10	15°57	3°31	21°59	12°25	7°31	2° 5	1°23	6° 7	26°44	25° 7	20°22	13°23	T 3
F 4	14 50 26	14°25'55	27°34	17° 7	4°45	22°34	12°30	7°27	2° 3	1°24	6° 7	26°40	25° 4	20°28	13°26	F 4
S 5	14 54 22	15°24'57	9♏49	18°19	5°59	23° 8	12°35	7°23	2° 2	1°26	6° 7	26°33	25° 1	20°35	13°29	S 5
S 6	14 58 19	16°23'57	21°56	19°33	7°13	23°43	12°40	7°19	2° 0	1°28	6° 8	26°25	24°58	20°42	13°32	S 6
M 7	15 2 15	17°22'55	3♐58	20°49	8°27	24°18	12°46	7°15	1°59	1°30	6° 8	26°16	24°55	20°48	13°36	M 7
T 8	15 6 12	18°21'51	15°54	22° 7	9°40	24°53	12°52	7°11	1°57	1°31	6° 9	26° 6	24°52	20°55	13°39	T 8
W 9	15 10 8	19°20'46	27°47	23°27	10°54	25°28	12°57	7° 7	1°56	1°33	6° 9	25°56	24°48	21° 2	13°42	W 9
T 10	15 14 5	20°19'39	9♑39	24°49	12° 7	26° 3	13° 3	7° 2	1°54	1°35	6°10	25°47	24°45	21° 9	13°45	T 10
F 11	15 18 2	21°18'30	21°33	26°13	13°21	26°38	13° 9	6°58	1°52	1°36	6°10	25°41	24°42	21°15	13°48	F 11
S 12	15 21 58	22°17'19	3♒32	27°38	14°35	27°13	13°16	6°54	1°51	1°38	6°11	25°37	24°39	21°22	13°51	S 12
S 13	15 25 55	23°16'07	15°41	29° 6	15°48	27°48	13°22	6°49	1°49	1°40	6°11	25°35	24°36	21°29	13°54	S 13
M14	15 29 51	24°14'52	28° 5	0♉35	17° 2	28°23	13°29	6°45	1°47	1°41	6°12	25°D34	24°32	21°36	13°57	M14
T 15	15 33 48	25°13'37	10♓49	2° 6	18°15	28°58	13°35	6°41	1°45	1°43	6°12	25°35	24°29	21°42	14° 0	T 15
W16	15 37 44	26°12'19	23°56	3°39	19°28	29°33	13°42	6°36	1°44	1°44	6°13	25°R36	24°26	21°49	14° 3	W16
T 17	15 41 41	27°11'01	7♈30	5°14	20°42	0♌ 8	13°49	6°32	1°42	1°46	6°14	25°35	24°23	21°56	14° 6	T 17
F 18	15 45 37	28° 9'40	21°34	6°50	21°55	0°44	13°56	6°27	1°40	1°47	6°14	25°33	24°20	22° 2	14° 8	F 18
S 19	15 49 34	29° 8'18	6♉ 5	8°28	23° 8	1°19	14° 4	6°23	1°38	1°49	6°15	25°27	24°17	22° 9	14°11	S 19
S 20	15 53 30	0♊ 6'54	20°59	10° 8	24°22	1°54	14°11	6°18	1°36	1°50	6°16	25°20	24°13	22°16	14°14	S 20
M21	15 57 27	1° 5'29	6♊ 8	11°49	25°35	2°30	14°19	6°14	1°34	1°51	6°16	25°11	24°10	22°23	14°17	M21
T 22	16 1 24	2° 4'02	21°23	13°32	26°48	3° 5	14°26	6° 9	1°32	1°53	6°17	25° 1	24° 7	22°29	14°20	T 22
W23	16 5 20	3° 2'32	6♋31	15°17	28° 1	3°40	14°34	6° 4	1°30	1°54	6°18	24°52	24° 4	22°36	14°22	W23
T 24	16 9 17	4° 1'01	21°24	17° 4	29°14	4°16	14°42	6° 0	1°28	1°55	6°19	24°44	24° 1	22°43	14°25	T 24
F 25	16 13 13	4°59'28	5♌54	18°52	0♋27	4°51	14°50	5°55	1°25	1°57	6°20	24°38	23°58	22°50	14°27	F 25
S 26	16 17 10	5°57'53	19°58	20°42	1°41	5°27	14°59	5°51	1°23	1°58	6°20	24°35	23°54	22°56	14°30	S 26
S 27	16 21 6	6°56'16	3♍35	22°34	2°53	6° 2	15° 7	5°46	1°21	1°59	6°21	24°D35	23°51	23° 3	14°32	S 27
M28	16 25 3	7°54'36	16°48	24°28	4° 6	6°38	15°15	5°42	1°19	2° 0	6°22	24°35	23°48	23°10	14°35	M28
T 29	16 29 0	8°52'55	29°41	26°23	5°19	7°14	15°24	5°37	1°17	2° 1	6°23	24°R35	23°45	23°16	14°37	T 29
W30	16 32 56	9°51'11	12♎15	28°20	6°32	7°49	15°33	5°32	1°14	2° 3	6°24	24°33	23°42	23°23	14°40	W30
T 31	16 36 53	10♊49'26	24♎37	0♊19	7♋45	8♌25	15♌41	5♐28	1♑12	2♈ 4	6♌25	24♓30	23♓38	23♐30	14♈42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	15n 9	4n34	0n37	3n19	2s14	20n 7	0s 5	23n23	1n46	17n29	0n32	19s 2	2n23	23s18	0s 6	0s12	0s47	16n59	1s39	1s17	1s53	27s59	7n40	2n40
W 2	15 26	1s30	0s31	3 39	2 20	20 24	0 2	23 17	1 46	17 28	0 32	19 2	2 23	23 18	0 6	0 11	0 47	16 59	1 39	1 17	1 54	27 59	7 41	2 40
T 3	15 44	7 25	1 38	3 59	2 25	20 41	0n 0	23 11	1 45	17 27	0 32	19 1	2 23	23 18	0 6	0 11	0 47	16 59	1 39	1 17	1 55	28 0	7 42	2 40
F 4	16 2	12 59	2 38	4 22	2 29	20 57	0 3	23 5	1 45	17 25	0 32	19 0	2 23	23 18	0 6	0 10	0 47	16 59	1 39	1 19	1 57	28 0	7 43	2 40
S 5	16 19	17 57	3 30	4 45	2 33	21 12	0 6	22 59	1 44	17 24	0 32	19 0	2 23	23 18	0 6	0 9	0 47	16 59	1 39	1 21	1 58	28 1	7 45	2 40
S 6	16 36	22 9	4 12	5 9	2 37	21 27	0 8	22 52	1 44	17 22	0 32	18 59	2 23	23 18	0 6	0 9	0 47	16 59	1 39	1 25	1 59	28 1	7 46	2 40
M 7	16 52	25 23	4 43	5 35	2 40	21 42	0 11	22 46	1 44	17 21	0 32	18 58	2 23	23 19	0 6	0 8	0 47	16 59	1 39	1 28	2 0	28 2	7 47	2 40
T 8	17 9	27 28	5 1	6 2	2 42	21 56	0 14	22 39	1 43	17 19	0 32	18 58	2 23	23 19	0 6	0 7	0 47	16 59	1 39	1 32	2 2	28 2	7 48	2 40
W 9	17 25	28 18	5 5	6 29	2 44	22 9	0 16	22 32	1 43	17 18	0 32	18 57	2 23	23 19	0 6	0 7	0 47	16 59	1 39	1 36	2 3	28 3	7 49	2 40
T 10	17 40	27 49	4 56	6 58	2 45	22 22	0 19	22 26	1 42	17 16	0 32	18 56	2 23	23 19	0 6	0 6	0 47	16 58	1 39	1 40	2 4	28 4	7 51	2 40
F 11	17 56	26 3	4 35	7 27	2 46	22 33	0 22	22 19	1 42	17 14	0 32	18 55	2 24	23 19	0 6	0 6	0 47	16 58	1 38	1 42	2 5	28 4	7 52	2 40
S 12	18 11	23 6	4 1	7 58	2 46	22 45	0 24	22 11	1 41	17 12	0 32	18 55	2 24	23 19	0 6	0 5	0 47	16 58	1 38	1 44	2 7	28 5	7 53	2 40
S 13	18 26	19 7	3 17	8 29	2 45	22 56	0 27	22 4	1 41	17 11	0 32	18 54	2 24	23 19	0 6	0 4	0 47	16 58	1 38	1 45	2 8	28 5	7 54	2 40
M14	18 40	14 15	2 22	9 0	2 44	23 6	0 30	21 57	1 40	17 9	0 32	18 53	2 24	23 19	0 6	0 4	0 47	16 58	1 38	1 45	2 9	28 6	7 55	2 40
T 15	18 54	8 39	1 18	9 33	2 43	23 15	0 32	21 49	1 40	17 7	0 32	18 52	2 24	23 19	0 6	0 3	0 47	16 58	1 38	1 44	2 10	28 6	7 57	2 40
W16	19 8	2 32	0 9	10 6	2 41	23 24	0 35	21 41	1 39	17 5	0 32	18 52	2 24	23 19	0 6	0 3	0 48	16 58	1 38	1 44	2 12	28 6	7 58	2 40
T 17	19 21	3n55	1n 3	10 39	2 39	23 32	0 38	21 33	1 39	17 3	0 32	18 51	2 24	23 19	0 6	0 2	0 48	16 58	1 38	1 44	2 13	28 7	7 59	2 40
F 18	19 35	10 24	2 14	11 13	2 36	23 39	0 40	21 25	1 39	17 1	0 32	18 50	2 24	23 19	0 6	0 1	0 48	16 58	1 38	1 45	2 14	28 7	8 0	2 41
S 19	19 47	16 33	3 18	11 48	2 32	23 46	0 43	21 17	1 38	16 59	0 32	18 49	2 24	23 19	0 6	0 1	0 48	16 58	1 38	1 47	2 15	28 8	8 1	2 41
S 20	20 0	21 52	4 10	12 23	2 28	23 52	0 45	21 9	1 38	16 57	0 32	18 49	2 24	23 19	0 6	0 0	0 48	16 58	1 38	1 50	2 17	28 8	8 2	2 41
M21	20 12	25 50	4 46	12 58	2 24	23 57	0 48	21 0	1 37	16 54	0 32	18 48	2 24	23 19	0 6	0n 0	0 48	16 58	1 38	1 54	2 18	28 9	8 3	2 41
T 22	20 24	27 58	5 2	13 33	2 19	24 2	0 50	20 52	1 37	16 52	0 32	18 47	2 24	23 19	0 6	0 1	0 48	16 58	1 37	1 58	2 19	28 9	8 4	2 41
W23	20 35	28 0	4 56	14 9	2 13	24 6	0 53	20 43	1 36	16 50	0 32	18 46	2 24	23 19	0 6	0 1	0 48	16 58	1 37	2 2	2 20	28 10	8 5	2 41
T 24	20 46	26 0	4 31	14 45	2 7	24 9	0 55	20 35	1 36	16 48	0 32	18 46	2 24	23 19	0 6	0 2	0 48	16 58	1 37	2 5	2 21	28 10	8 6	2 41
F 25	20 56	22 19	3 48	15 21	2 1	24 12	0 58	20 26	1 35	16 45	0 32	18 45	2 24	23 19	0 6	0 2	0 48	16 57	1 37	2 7	2 23	28 10	8 7	2 41
S 26	21 7	17 26	2 53	15 56	1 54	24 13	1 0	20 17	1 35	16 43	0 32	18 44	2 24	23 19	0 6	0 3	0 48	16 57	1 37	2 8	2 24	28 11	8 8	2 41
S 27	21 17	11 48	1 49	16 32	1 47	24 15	1 3	20 7	1 35	16 40	0 32	18 43	2 23	23 19	0 6	0 3	0 48	16 57	1 37	2 8	2 25	28 11	8 9	2 41
M28	21 26	5 48	0 41	17 7	1 39	24 15	1 5	19 58	1 34	16 38	0 32	18 43	2 23	23 19	0 6	0 3	0 48	16 57	1 37	2 8	2 26	28 11	8 10	2 41
T 29	21 35	0s17	0s27	17 42	1 31	24 15	1 8	19 49	1 34	16 35	0 32	18 42	2 23	23 19	0 6	0 4	0 48	16 57	1 37	2 8	2 28	28 12	8 11	2 41
W30	21 44	6 13	1 32	18 17	1 22	24 14	1 10	19 39	1 33	16 33	0 32	18 41	2 23	23 19	0 6	0 4	0 48	16 57	1 37	2 9	2 29	28 12	8 12	2 41
T 31	21n52	11s49	2s32	18n51	1s13	24n12	1n12	19n30	1n33	16n30	0n32	18s40	2n23	23s19	0s 6	0n 5	0s48	16n57	1s37	2s10	2s30	28s13	8n13	2n41

Julian Day Number = 3059063.5, Delta T = 02h30m33s
Ecliptic obliquity = 23°13'41, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'32, Lahiri = 47°10'33

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

JUNE 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 40 49	11♊47'39	6♏48	2♊20	8♋58	9♌ 1	15♌50	5°R23	1°R10	2♈ 5	6♌26	24°R24	23♓35	23♐37	14♈44	F 1
S 2	16 44 46	12°45'50	18°52	4°22	10°10	9°36	15°59	5♐19	1♉ 8	2° 6	6°27	24♓15	23°32	23°43	14°47	S 2
S 3	16 48 42	13°44'00	0♐51	6°25	11°23	10°12	16° 8	5°14	1° 5	2° 7	6°28	24° 3	23°29	23°50	14°49	S 3
M 4	16 52 39	14°42'08	12°47	8°31	12°36	10°48	16°18	5°10	1° 3	2° 8	6°29	23°50	23°26	23°57	14°51	M 4
T 5	16 56 35	15°40'14	24°40	10°37	13°48	11°23	16°27	5° 5	1° 0	2° 9	6°30	23°36	23°23	24° 3	14°53	T 5
W 6	17 0 32	16°38'19	6♑33	12°45	15° 1	11°59	16°36	5° 1	0°58	2°10	6°31	23°23	23°19	24°10	14°55	W 6
T 7	17 4 29	17°36'22	18°26	14°54	16°13	12°35	16°46	4°56	0°56	2°11	6°32	23°11	23°16	24°17	14°58	T 7
F 8	17 8 25	18°34'24	0♒22	17° 4	17°26	13°11	16°56	4°52	0°53	2°11	6°33	23° 1	23°13	24°24	15° 0	F 8
S 9	17 12 22	19°32'24	12°24	19°15	18°38	13°47	17° 5	4°48	0°51	2°12	6°34	22°54	23°10	24°30	15° 2	S 9
S 10	17 16 18	20°30'23	24°34	21°26	19°50	14°23	17°15	4°43	0°48	2°13	6°35	22°50	23° 7	24°37	15° 3	S 10
M11	17 20 15	21°28'21	6♓57	23°37	21° 3	14°58	17°25	4°39	0°46	2°14	6°36	22°48	23° 4	24°44	15° 5	M11
T 12	17 24 11	22°26'18	19°38	25°49	22°15	15°34	17°35	4°35	0°43	2°15	6°37	22°48	23° 0	24°51	15° 7	T 12
W13	17 28 8	23°24'13	2♈40	28° 0	23°27	16°10	17°45	4°31	0°41	2°15	6°39	22°48	22°57	24°57	15° 9	W13
T 14	17 32 4	24°22'08	16° 8	0♋10	24°39	16°46	17°56	4°26	0°39	2°16	6°40	22°47	22°54	25° 4	15°11	T 14
F 15	17 36 1	25°20'01	0♉ 4	2°20	25°51	17°22	18° 6	4°22	0°36	2°17	6°41	22°44	22°51	25°11	15°12	F 15
S 16	17 39 58	26°17'53	14°29	4°28	27° 3	17°58	18°16	4°18	0°34	2°17	6°42	22°38	22°48	25°17	15°14	S 16
S 17	17 43 54	27°15'45	29°19	6°36	28°15	18°34	18°27	4°14	0°31	2°18	6°43	22°30	22°44	25°24	15°16	S 17
M18	17 47 51	28°13'35	14♊29	8°41	29°27	19°10	18°38	4°10	0°29	2°18	6°45	22°20	22°41	25°31	15°17	M18
T 19	17 51 47	29°11'24	29°48	10°45	0♌39	19°46	18°48	4° 6	0°26	2°19	6°46	22° 9	22°38	25°38	15°19	T 19
W20	17 55 44	0♋ 9'12	15♋ 5	12°46	1°51	20°23	18°59	4° 2	0°24	2°19	6°47	21°59	22°35	25°44	15°20	W20
T 21	17 59 40	1° 6'58	0♌ 9	14°46	3° 3	20°59	19°10	3°59	0°21	2°20	6°48	21°50	22°32	25°51	15°22	T 21
F 22	18 3 37	2° 4'43	14°51	16°43	4°14	21°35	19°21	3°55	0°19	2°20	6°50	21°44	22°29	25°58	15°23	F 22
S 23	18 7 34	3° 2'26	29° 5	18°37	5°26	22°11	19°32	3°51	0°16	2°21	6°51	21°40	22°25	26° 5	15°24	S 23
S 24	18 11 30	4° 0'08	12♍50	20°29	6°38	22°47	19°43	3°47	0°14	2°21	6°52	21°38	22°22	26°11	15°26	S 24
M25	18 15 27	4°57'49	26° 8	22°18	7°49	23°23	19°54	3°44	0°11	2°21	6°54	21°D38	22°19	26°18	15°27	M25
T 26	18 19 23	5°55'28	9♎ 1	24° 5	9° 1	24° 0	20° 5	3°40	0° 9	2°22	6°55	21°R38	22°16	26°25	15°28	T 26
W27	18 23 20	6°53'06	21°34	25°49	10°12	24°36	20°17	3°37	0° 6	2°22	6°56	21°37	22°13	26°31	15°29	W27
T 28	18 27 16	7°50'42	3♏51	27°30	11°24	25°12	20°28	3°34	0° 4	2°22	6°58	21°35	22°10	26°38	15°30	T 28
F 29	18 31 13	8°48'17	15°57	29° 8	12°35	25°48	20°40	3°30	0° 1	2°22	6°59	21°30	22° 6	26°45	15°31	F 29
S 30	18 35 9	9♋45'51	27♏55	0♌43	13♌46	26♌25	20♌51	3♐27	29♐59	2♈22	7♌ 0	21♓22	22♓ 3	26♐52	15♈32	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 0	16s52	3s23	19n24	1s 4	24n10	1n14	19n20	1n32	16n28	0n32	18s40	2n23	23s19	0s 6	0n 5	0s48	16n57	1s37	2s12	2s31	28s13	8n14	2n41
S 2	22 8	21 13	4 5	19 56	0 54	24 7	1 17	19 10	1 32	16 25	0 32	18 39	2 23	23 19	0 6	0 5	0 48	16 56	1 36	2 16	2 33	28 13	8 15	2 41
S 3	22 15	24 39	4 36	20 28	0 44	24 3	1 19	19 0	1 31	16 22	0 32	18 38	2 23	23 19	0 6	0 6	0 48	16 56	1 36	2 20	2 34	28 14	8 16	2 41
M 4	22 22	26 59	4 54	20 58	0 34	23 59	1 21	18 50	1 31	16 20	0 32	18 38	2 23	23 20	0 6	0 6	0 48	16 56	1 36	2 26	2 35	28 14	8 17	2 41
T 5	22 28	28 6	4 59	21 27	0 24	23 54	1 23	18 40	1 30	16 17	0 32	18 37	2 23	23 20	0 6	0 7	0 48	16 56	1 36	2 31	2 36	28 14	8 18	2 41
W 6	22 34	27 56	4 52	21 54	0 14	23 48	1 25	18 29	1 30	16 14	0 32	18 36	2 23	23 20	0 6	0 7	0 48	16 56	1 36	2 36	2 38	28 14	8 19	2 41
T 7	22 39	26 27	4 31	22 20	0 3	23 41	1 27	18 19	1 29	16 11	0 32	18 36	2 23	23 20	0 6	0 7	0 48	16 56	1 36	2 41	2 39	28 15	8 20	2 41
F 8	22 44	23 47	3 59	22 44	0n 7	23 34	1 29	18 8	1 29	16 8	0 32	18 35	2 23	23 20	0 6	0 7	0 48	16 55	1 36	2 45	2 40	28 15	8 20	2 41
S 9	22 49	20 4	3 16	23 5	0 18	23 26	1 31	17 58	1 29	16 5	0 32	18 34	2 22	23 20	0 6	0 8	0 48	16 55	1 36	2 48	2 41	28 15	8 21	2 42
S 10	22 53	15 28	2 23	23 25	0 28	23 18	1 32	17 47	1 28	16 2	0 32	18 34	2 22	23 20	0 6	0 8	0 48	16 55	1 36	2 49	2 43	28 16	8 22	2 42
M11	22 57	10 10	1 23	23 43	0 38	23 9	1 34	17 36	1 28	15 59	0 32	18 33	2 22	23 20	0 6	0 8	0 48	16 55	1 36	2 50	2 44	28 16	8 23	2 42
T 12	23 1	4 20	0 17	23 58	0 48	22 59	1 36	17 25	1 27	15 56	0 32	18 32	2 22	23 20	0 6	0 9	0 48	16 55	1 36	2 50	2 45	28 16	8 24	2 42
W13	23 4	1n51	0n52	24 10	0 57	22 49	1 37	17 14	1 27	15 53	0 32	18 32	2 22	23 20	0 6	0 9	0 48	16 54	1 35	2 50	2 46	28 16	8 24	2 42
T 14	23 7	8 8	2 0	24 20	1 7	22 38	1 39	17 3	1 26	15 50	0 32	18 31	2 22	23 20	0 6	0 9	0 48	16 54	1 35	2 51	2 48	28 16	8 25	2 42
F 15	23 9	14 15	3 3	24 28	1 15	22 26	1 41	16 51	1 26	15 47	0 32	18 30	2 22	23 20	0 6	0 9	0 49	16 54	1 35	2 52	2 49	28 17	8 26	2 42
S 16	23 11	19 49	3 57	24 32	1 23	22 14	1 42	16 40	1 25	15 44	0 32	18 30	2 22	23 20	0 6	0 9	0 49	16 54	1 35	2 54	2 50	28 17	8 26	2 42
S 17	23 12	24 19	4 36	24 34	1 31	22 1	1 43	16 28	1 25	15 41	0 32	18 29	2 21	23 20	0 6	0 10	0 49	16 54	1 35	2 57	2 51	28 17	8 27	2 42
M18	23 13	27 15	4 57	24 34	1 37	21 47	1 45	16 17	1 24	15 37	0 32	18 29	2 21	23 20	0 6	0 10	0 49	16 53	1 35	3 1	2 53	28 17	8 28	2 42
T 19	23 14	28 11	4 58	24 31	1 44	21 33	1 46	16 5	1 24	15 34	0 32	18 28	2 21	23 20	0 6	0 10	0 49	16 53	1 35	3 5	2 54	28 18	8 28	2 42
W20	23 14	26 58	4 37	24 26	1 49	21 19	1 47	15 53	1 24	15 31	0 32	18 27	2 21	23 20	0 6	0 10	0 49	16 53	1 35	3 9	2 55	28 18	8 29	2 42
T 21	23 13	23 47	3 56	24 18	1 54	21 4	1 48	15 41	1 23	15 27	0 32	18 27	2 21	23 20	0 6	0 10	0 49	16 53	1 35	3 13	2 56	28 18	8 30	2 42
F 22	23 13	19 8	3 1	24 8	1 57	20 48	1 49	15 29	1 23	15 24	0 32	18 26	2 21	23 20	0 6	0 10	0 49	16 52	1 35	3 15	2 58	28 18	8 30	2 42
S 23	23 12	13 31	1 56	23 56	2 0	20 31	1 50	15 17	1 22	15 21	0 32	18 26	2 21	23 20	0 6	0 11	0 49	16 52	1 35	3 17	2 59	28 18	8 31	2 42
S 24	23 10	7 24	0 46	23 42	2 3	20 15	1 51	15 5	1 22	15 17	0 32	18 25	2 20	23 20	0 6	0 11	0 49	16 52	1 35	3 17	3 0	28 18	8 31	2 43
M25	23 8	1 9	0s24	23 26	2 4	19 57	1 52	14 53	1 21	15 14	0 32	18 25	2 20	23 20	0 6	0 11	0 49	16 52	1 34	3 17	3 1	28 18	8 32	2 43
T 26	23 6	4s56	1 31	23 9	2 5	19 39	1 52	14 41	1 21	15 10	0 33	18 24	2 20	23 20	0 6	0 11	0 49	16 51	1 34	3 17	3 3	28 19	8 32	2 43
W27	23 3	10 41	2 31	22 50	2 5	19 21	1 53	14 28	1 20	15 7	0 33	18 24	2 20	23 20	0 6	0 11	0 49	16 51	1 34	3 18	3 4	28 19	8 33	2 43
T 28	23 0	15 53	3 24	22 30	2 4	19 2	1 54	14 16	1 20	15 3	0 33	18 24	2 20	23 20	0 6	0 11	0 49	16 51	1 34	3 19	3 5	28 19	8 33	2 43
F 29	22 56	20 23	4 6	22 8	2 2	18 42	1 54	14 3	1 19	15 0	0 33	18 23	2 19	23 20	0 6	0 11	0 49	16 51	1 34	3 21	3 6	28 19	8 34	2 43
S 30	22n52	24s 1	4s37	21n45	1n59	18n23	1n55	13n50	1n19	14n56	0n33	18s23	2n19	23s20	0s 6	0n11	0s49	16n50	1s34	3s24	3s 8	28s19	8n34	2n43

Julian Day Number = 3059094.5, Delta T = 02h30m34s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'36, Lahiri = 47°10'37

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

JULY 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 39 6	10♋43'24	9♐49	2♌16	14♌57	27♌ 1	21♌ 3	3°R24	29°R56	2♈22	7♌ 2	21°R11	22♓ 0	26♐58	15♈33	S 1
M 2	18 43 3	11°40'56	21°42	3°45	16° 8	27°37	21°14	3♐21	29♐54	2°23	7° 3	21♓ 0	21°57	27° 5	15°34	M 2
T 3	18 46 59	12°38'27	3♑34	5°12	17°19	28°14	21°26	3°18	29°51	2°23	7° 5	20°47	21°54	27°12	15°35	T 3
W 4	18 50 56	13°35'57	15°29	6°35	18°30	28°50	21°38	3°15	29°49	2°R23	7° 6	20°35	21°50	27°18	15°35	W 4
T 5	18 54 52	14°33'26	27°27	7°56	19°41	29°26	21°50	3°12	29°47	2°23	7° 7	20°24	21°47	27°25	15°36	T 5
F 6	18 58 49	15°30'54	9♒29	9°13	20°52	0♍ 3	22° 1	3° 9	29°44	2°23	7° 9	20°15	21°44	27°32	15°37	F 6
S 7	19 2 45	16°28'21	21°39	10°28	22° 3	0°39	22°13	3° 6	29°42	2°22	7°10	20° 9	21°41	27°39	15°37	S 7
S 8	19 6 42	17°25'48	3♓57	11°39	23°13	1°16	22°25	3° 4	29°39	2°22	7°12	20° 6	21°38	27°45	15°38	S 8
M 9	19 10 38	18°23'14	16°26	12°47	24°24	1°52	22°38	3° 1	29°37	2°22	7°13	20°D 4	21°35	27°52	15°38	M 9
T 10	19 14 35	19°20'40	29°10	13°51	25°34	2°29	22°50	2°59	29°35	2°22	7°15	20° 5	21°31	27°59	15°39	T 10
W11	19 18 32	20°18'05	12♈13	14°53	26°45	3° 5	23° 2	2°56	29°33	2°22	7°16	20° 5	21°28	28° 6	15°39	W11
T 12	19 22 28	21°15'29	25°37	15°51	27°55	3°42	23°14	2°54	29°30	2°22	7°18	20°R 6	21°25	28°12	15°40	T 12
F 13	19 26 25	22°12'54	9♉26	16°45	29° 5	4°18	23°26	2°52	29°28	2°21	7°19	20° 4	21°22	28°19	15°40	F 13
S 14	19 30 21	23°10'18	23°39	17°36	0♍15	4°55	23°39	2°50	29°26	2°21	7°21	20° 1	21°19	28°26	15°40	S 14
S 15	19 34 18	24° 7'42	8♊16	18°23	1°26	5°31	23°51	2°48	29°24	2°21	7°22	19°55	21°16	28°32	15°40	S 15
M16	19 38 14	25° 5'06	23°12	19° 7	2°36	6° 8	24° 3	2°46	29°21	2°20	7°24	19°48	21°12	28°39	15°40	M16
T 17	19 42 11	26° 2'29	8♋19	19°46	3°46	6°45	24°16	2°44	29°19	2°20	7°25	19°40	21° 9	28°46	15°40	T 17
W18	19 46 8	26°59'52	23°28	20°22	4°55	7°21	24°28	2°42	29°17	2°20	7°27	19°33	21° 6	28°53	15°R40	W18
T 19	19 50 4	27°57'15	8♌29	20°53	6° 5	7°58	24°41	2°41	29°15	2°19	7°28	19°26	21° 3	28°59	15°40	T 19
F 20	19 54 1	28°54'37	23°11	21°20	7°15	8°35	24°54	2°39	29°13	2°19	7°30	19°21	21° 0	29° 6	15°40	F 20
S 21	19 57 57	29°51'58	7♍30	21°43	8°24	9°11	25° 6	2°38	29°11	2°18	7°31	19°19	20°56	29°13	15°40	S 21
S 22	20 1 54	0♌49'18	21°21	22° 1	9°34	9°48	25°19	2°36	29° 9	2°18	7°33	19°D18	20°53	29°20	15°40	S 22
M23	20 5 50	1°46'38	4♎44	22°15	10°43	10°25	25°32	2°35	29° 7	2°17	7°34	19°19	20°50	29°26	15°40	M23
T 24	20 9 47	2°43'58	17°42	22°24	11°53	11° 1	25°44	2°34	29° 5	2°16	7°36	19°20	20°47	29°33	15°39	T 24
W25	20 13 43	3°41'17	0♏18	22°R29	13° 2	11°38	25°57	2°33	29° 3	2°16	7°37	19°R21	20°44	29°40	15°39	W25
T 26	20 17 40	4°38'35	12°37	22°29	14°11	12°15	26°10	2°32	29° 1	2°15	7°39	19°21	20°41	29°46	15°39	T 26
F 27	20 21 37	5°35'53	24°42	22°24	15°20	12°52	26°23	2°31	28°59	2°14	7°40	19°19	20°37	29°53	15°38	F 27
S 28	20 25 33	6°33'11	6♐39	22°15	16°29	13°29	26°36	2°30	28°57	2°14	7°42	19°15	20°34	29°59	15°38	S 28
S 29	20 29 30	7°30'28	18°32	22° 1	17°38	14° 5	26°49	2°29	28°56	2°13	7°43	19°10	20°31	0♑ 7	15°37	S 29
M30	20 33 26	8°27'45	0♑24	21°43	18°46	14°42	27° 1	2°29	28°54	2°12	7°45	19° 3	20°28	0°13	15°36	M30
T 31	20 37 23	9♌25'02	12♑19	21♌21	19♍55	15♍19	27♌14	2♐28	28♐52	2♈11	7♌46	18♓56	20♓25	0♑20	15♈36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n48	26s36	4s55	21n22	1n56	18n 2	1n55	13n38	1n18	14n52	0n33	18s22	2n19	23s20	0s 6	0n11	0s49	16n50	1s34	3s28	3s 9	28s19	8n35	2n43
M 2	22 43	27 59	5 1	20 57	1 52	17 41	1 55	13 25	1 18	14 49	0 33	18 22	2 19	23 20	0 6	0 11	0 49	16 50	1 34	3 32	3 10	28 19	8 35	2 43
T 3	22 38	28 5	4 54	20 32	1 47	17 20	1 55	13 12	1 17	14 45	0 33	18 22	2 19	23 20	0 6	0 11	0 49	16 49	1 34	3 37	3 11	28 19	8 36	2 43
W 4	22 32	26 52	4 34	20 6	1 41	16 59	1 55	12 59	1 17	14 41	0 33	18 21	2 18	23 20	0 6	0 11	0 49	16 49	1 34	3 42	3 13	28 19	8 36	2 43
T 5	22 26	24 26	4 2	19 39	1 35	16 36	1 55	12 46	1 17	14 37	0 33	18 21	2 18	23 20	0 6	0 11	0 49	16 49	1 34	3 46	3 14	28 19	8 36	2 43
F 6	22 20	20 54	3 18	19 12	1 28	16 14	1 55	12 33	1 16	14 34	0 33	18 21	2 18	23 20	0 6	0 11	0 49	16 49	1 34	3 50	3 15	28 19	8 37	2 43
S 7	22 13	16 28	2 25	18 45	1 20	15 51	1 55	12 19	1 16	14 30	0 33	18 20	2 18	23 20	0 6	0 11	0 49	16 48	1 34	3 52	3 16	28 19	8 37	2 44
S 8	22 6	11 18	1 25	18 17	1 11	15 28	1 55	12 6	1 15	14 26	0 33	18 20	2 18	23 20	0 6	0 11	0 49	16 48	1 34	3 53	3 17	28 19	8 37	2 44
M 9	21 59	5 36	0 19	17 49	1 2	15 4	1 54	11 53	1 15	14 22	0 33	18 20	2 17	23 20	0 6	0 11	0 49	16 48	1 33	3 54	3 19	28 19	8 37	2 44
T 10	21 51	0n25	0n48	17 21	0 52	14 40	1 54	11 39	1 14	14 18	0 33	18 19	2 17	23 20	0 6	0 11	0 49	16 47	1 33	3 54	3 20	28 19	8 38	2 44
W11	21 43	6 34	1 55	16 54	0 42	14 16	1 53	11 26	1 14	14 14	0 33	18 19	2 17	23 20	0 6	0 10	0 49	16 47	1 33	3 54	3 21	28 19	8 38	2 44
T 12	21 34	12 35	2 58	16 26	0 31	13 51	1 52	11 12	1 13	14 10	0 33	18 19	2 17	23 20	0 6	0 10	0 49	16 47	1 33	3 53	3 22	28 19	8 38	2 44
F 13	21 25	18 11	3 52	15 59	0 19	13 26	1 52	10 59	1 13	14 6	0 33	18 19	2 17	23 20	0 7	0 10	0 50	16 47	1 33	3 54	3 24	28 19	8 38	2 44
S 14	21 16	22 57	4 34	15 32	0 7	13 1	1 51	10 45	1 12	14 2	0 33	18 19	2 16	23 20	0 7	0 10	0 50	16 46	1 33	3 55	3 25	28 19	8 38	2 44
S 15	21 6	26 25	4 59	15 5	0s 6	12 35	1 50	10 31	1 12	13 58	0 33	18 18	2 16	23 20	0 7	0 10	0 50	16 46	1 33	3 57	3 26	28 19	8 39	2 44
M16	20 56	28 8	5 5	14 39	0 19	12 9	1 49	10 17	1 11	13 54	0 33	18 18	2 16	23 20	0 7	0 10	0 50	16 46	1 33	4 0	3 27	28 19	8 39	2 44
T 17	20 45	27 47	4 50	14 14	0 33	11 43	1 48	10 4	1 11	13 50	0 33	18 18	2 16	23 20	0 7	0 10	0 50	16 45	1 33	4 3	3 29	28 19	8 39	2 44
W18	20 34	25 23	4 14	13 49	0 47	11 16	1 46	9 50	1 10	13 46	0 33	18 18	2 15	23 20	0 7	0 9	0 50	16 45	1 33	4 6	3 30	28 19	8 39	2 44
T 19	20 23	21 13	3 21	13 26	1 2	10 50	1 45	9 36	1 10	13 42	0 33	18 18	2 15	23 20	0 7	0 9	0 50	16 45	1 33	4 9	3 31	28 19	8 39	2 44
F 20	20 12	15 48	2 16	13 3	1 17	10 23	1 44	9 22	1 10	13 38	0 33	18 18	2 15	23 20	0 7	0 9	0 50	16 44	1 33	4 11	3 32	28 19	8 39	2 45
S 21	20 0	9 40	1 3	12 41	1 32	9 55	1 42	9 7	1 9	13 34	0 33	18 18	2 15	23 20	0 7	0 9	0 50	16 44	1 33	4 12	3 34	28 19	8 39	2 45
S 22	19 48	3 14	0s11	12 21	1 48	9 28	1 40	8 53	1 9	13 30	0 33	18 18	2 14	23 20	0 7	0 8	0 50	16 44	1 33	4 12	3 35	28 19	8 39	2 45
M23	19 35	3s 8	1 22	12 1	2 3	9 0	1 39	8 39	1 8	13 25	0 33	18 18	2 14	23 20	0 7	0 8	0 50	16 43	1 33	4 12	3 36	28 19	8 39	2 45
T 24	19 23	9 9	2 27	11 44	2 19	8 32	1 37	8 25	1 8	13 21	0 33	18 18	2 14	23 20	0 7	0 8	0 50	16 43	1 32	4 11	3 37	28 19	8 39	2 45
W25	19 9	14 39	3 23	11 27	2 35	8 4	1 35	8 10	1 7	13 17	0 33	18 18	2 14	23 20	0 7	0 8	0 50	16 43	1 32	4 11	3 39	28 19	8 39	2 45
T 26	18 56	19 25	4 8	11 12	2 51	7 36	1 33	7 56	1 7	13 13	0 33	18 18	2 13	23 20	0 7	0 7	0 50	16 42	1 32	4 11	3 40	28 19	8 39	2 45
F 27	18 42	23 19	4 41	10 59	3 6	7 8	1 31	7 42	1 6	13 8	0 33	18 18	2 13	23 20	0 7	0 7	0 50	16 42	1 32	4 12	3 41	28 18	8 39	2 45
S 28	18 28	26 11	5 1	10 48	3 21	6 39	1 29	7 27	1 6	13 4	0 34	18 18	2 13	23 20	0 7	0 7	0 50	16 42	1 32	4 13	3 42	28 18	8 38	2 45
S 29	18 14	27 52	5 9	10 38	3 36	6 10	1 26	7 13	1 5	13 0	0 34	18 18	2 13	23 20	0 7	0 6	0 50	16 41	1 32	4 15	3 44	28 18	8 38	2 45
M30	17 59	28 16	5 3	10 30	3 50	5 42	1 24	6 58	1 5	12 55	0 34	18 18	2 12	23 20	0 7	0 6	0 50	16 41	1 32	4 18	3 45	28 18	8 38	2 45
T 31	17n44	27s22	4s44	10n25	4s 3	5n13	1n21	6n44	1n 4	12n51	0n34	18s19	2n12	23s20	0s 7	0n 6	0s50	16n41	1s32	4s21	3s46	28s18	8n38	2n45

Julian Day Number = 3059124.5, Delta T = 02h30m35s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'41, Lahiri = 47°10'41

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

AUGUST 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 41 19	10♌22'18	24♉18	20°R56	21♍ 3	15♍56	27♌27	2°R28	28°R51	2°R10	7♌48	18°R49	20♓22	0♉27	15°R35	W 1
T 2	20 45 16	11°19'35	6♒23	20♌26	22°11	16°33	27°40	2♐28	28♐49	2♈10	7°50	18♓43	20°18	0°33	15♈34	T 2
F 3	20 49 12	12°16'51	18°36	19°54	23°20	17°10	27°54	2°27	28°47	2° 9	7°51	18°38	20°15	0°40	15°33	F 3
S 4	20 53 9	13°14'07	0♓58	19°20	24°28	17°47	28° 7	2°27	28°46	2° 8	7°53	18°35	20°12	0°47	15°32	S 4
S 5	20 57 6	14°11'23	13°30	18°43	25°35	18°24	28°20	2°D27	28°44	2° 7	7°54	18°D33	20° 9	0°54	15°32	S 5
M 6	21 1 2	15° 8'40	26°14	18° 5	26°43	19° 1	28°33	2°27	28°43	2° 6	7°56	18°33	20° 6	1° 0	15°31	M 6
T 7	21 4 59	16° 5'57	9♈11	17°26	27°51	19°38	28°46	2°28	28°41	2° 5	7°57	18°35	20° 2	1° 7	15°30	T 7
W 8	21 8 55	17° 3'14	22°23	16°47	28°58	20°15	28°59	2°28	28°40	2° 4	7°59	18°36	19°59	1°14	15°28	W 8
T 9	21 12 52	18° 0'31	5♉53	16° 9	0♎ 6	20°52	29°12	2°28	28°39	2° 3	8° 0	18°37	19°56	1°20	15°27	T 9
F 10	21 16 48	18°57'50	19°40	15°32	1°13	21°29	29°25	2°29	28°37	2° 2	8° 2	18°R38	19°53	1°27	15°26	F 10
S 11	21 20 45	19°55'09	3♊45	14°56	2°20	22° 6	29°39	2°29	28°36	2° 1	8° 3	18°37	19°50	1°34	15°25	S 11
S 12	21 24 41	20°52'28	18° 7	14°24	3°27	22°43	29°52	2°30	28°35	1°59	8° 5	18°35	19°47	1°41	15°24	S 12
M13	21 28 38	21°49'48	2♋44	13°54	4°34	23°20	0♍ 5	2°31	28°34	1°58	8° 6	18°32	19°43	1°47	15°22	M13
T 14	21 32 35	22°47'09	17°29	13°28	5°40	23°58	0°18	2°32	28°33	1°57	8° 8	18°29	19°40	1°54	15°21	T 14
W15	21 36 31	23°44'30	2♌16	13° 7	6°47	24°35	0°31	2°33	28°31	1°56	8° 9	18°26	19°37	2° 1	15°20	W15
T 16	21 40 28	24°41'51	16°58	12°50	7°53	25°12	0°45	2°34	28°30	1°55	8°11	18°23	19°34	2° 8	15°18	T 16
F 17	21 44 24	25°39'13	1♍27	12°38	8°59	25°49	0°58	2°35	28°29	1°54	8°12	18°21	19°31	2°14	15°17	F 17
S 18	21 48 21	26°36'36	15°38	12°31	10° 5	26°27	1°11	2°36	28°28	1°52	8°14	18°D20	19°28	2°21	15°15	S 18
S 19	21 52 17	27°33'58	29°26	12°D30	11°11	27° 4	1°25	2°38	28°28	1°51	8°15	18°21	19°24	2°28	15°13	S 19
M20	21 56 14	28°31'21	12♎50	12°35	12°17	27°41	1°38	2°39	28°27	1°50	8°17	18°22	19°21	2°34	15°12	M20
T 21	22 0 10	29°28'45	25°51	12°45	13°22	28°18	1°51	2°41	28°26	1°48	8°18	18°23	19°18	2°41	15°10	T 21
W22	22 4 7	0♍26'09	8♏30	13° 2	14°28	28°56	2° 4	2°42	28°25	1°47	8°19	18°24	19°15	2°48	15° 8	W22
T 23	22 8 4	1°23'33	20°52	13°24	15°33	29°33	2°18	2°44	28°24	1°46	8°21	18°25	19°12	2°55	15° 7	T 23
F 24	22 12 0	2°20'57	2♐59	13°53	16°38	0♎11	2°31	2°46	28°24	1°44	8°22	18°R26	19° 8	3° 1	15° 5	F 24
S 25	22 15 57	3°18'22	14°58	14°28	17°42	0°48	2°44	2°48	28°23	1°43	8°24	18°25	19° 5	3° 8	15° 3	S 25
S 26	22 19 53	4°15'48	26°51	15° 9	18°47	1°25	2°58	2°50	28°23	1°42	8°25	18°24	19° 2	3°15	15° 1	S 26
M27	22 23 50	5°13'14	8♉44	15°56	19°51	2° 3	3°11	2°52	28°22	1°40	8°27	18°23	18°59	3°21	14°59	M27
T 28	22 27 46	6°10'40	20°41	16°49	20°55	2°40	3°24	2°54	28°22	1°39	8°28	18°21	18°56	3°28	14°57	T 28
W29	22 31 43	7° 8'07	2♒44	17°47	21°59	3°18	3°37	2°57	28°21	1°37	8°29	18°19	18°53	3°35	14°55	W29
T 30	22 35 39	8° 5'35	14°57	18°52	23° 3	3°55	3°51	2°59	28°21	1°36	8°31	18°18	18°49	3°42	14°53	T 30
F 31	22 39 36	9♍ 3'03	27♒22	20♌ 2	24♎ 6	4♎33	4♍ 4	3♐ 2	28♐21	1♈34	8♌32	18♓17	18♓46	3♉48	14♈51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n29	25s12	4s12	10n21	4s16	4n43	1n19	6n29	1n 4	12n47	0n34	18s19	2n12	23s20	0s 7	0n 5	0s50	16n40	1s32	4s23	3s47	28s18	8n38	2n45
T 2	17 14	21 53	3 29	10 19	4 27	4 14	1 16	6 14	1 3	12 42	0 34	18 19	2 12	23 20	0 7	0 5	0 50	16 40	1 32	4 26	3 48	28 17	8 37	2 45
F 3	16 58	17 35	2 36	10 19	4 37	3 45	1 13	6 0	1 3	12 38	0 34	18 19	2 11	23 20	0 7	0 5	0 50	16 40	1 32	4 28	3 50	28 17	8 37	2 46
S 4	16 42	12 31	1 34	10 21	4 46	3 16	1 10	5 45	1 2	12 33	0 34	18 19	2 11	23 20	0 7	0 4	0 50	16 39	1 32	4 29	3 51	28 17	8 37	2 46
S 5	16 26	6 51	0 28	10 25	4 54	2 46	1 7	5 30	1 2	12 29	0 34	18 20	2 11	23 20	0 7	0 4	0 50	16 39	1 32	4 29	3 52	28 17	8 37	2 46
M 6	16 9	0 51	0n42	10 31	5 0	2 17	1 4	5 15	1 2	12 24	0 34	18 20	2 11	23 20	0 7	0 3	0 50	16 39	1 32	4 29	3 53	28 17	8 36	2 46
T 7	15 52	5n18	1 50	10 38	5 4	1 47	1 1	5 0	1 1	12 20	0 34	18 20	2 10	23 20	0 7	0 3	0 50	16 38	1 32	4 29	3 55	28 16	8 36	2 46
W 8	15 35	11 20	2 54	10 47	5 7	1 17	0 58	4 46	1 1	12 15	0 34	18 21	2 10	23 20	0 7	0 3	0 50	16 38	1 32	4 28	3 56	28 16	8 36	2 46
T 9	15 18	16 59	3 50	10 57	5 8	0 48	0 54	4 31	1 0	12 11	0 34	18 21	2 10	23 20	0 7	0 2	0 50	16 38	1 32	4 28	3 57	28 16	8 35	2 46
F 10	15 0	21 53	4 34	11 8	5 7	0 18	0 51	4 16	1 0	12 6	0 34	18 21	2 10	23 20	0 7	0 2	0 50	16 37	1 32	4 28	3 58	28 16	8 35	2 46
S 11	14 43	25 40	5 3	11 20	5 5	0s12	0 47	4 1	0 59	12 2	0 34	18 22	2 9	23 20	0 7	0 1	0 50	16 37	1 31	4 28	4 0	28 15	8 34	2 46
S 12	14 25	27 54	5 13	11 34	5 1	0 41	0 44	3 46	0 59	11 57	0 34	18 22	2 9	23 20	0 7	0 1	0 50	16 37	1 31	4 28	4 1	28 15	8 34	2 46
M13	14 6	28 16	5 4	11 47	4 55	1 11	0 40	3 31	0 58	11 53	0 34	18 22	2 9	23 20	0 7	0 0	0 51	16 36	1 31	4 30	4 2	28 15	8 33	2 46
T 14	13 48	26 38	4 34	12 1	4 48	1 41	0 36	3 16	0 58	11 48	0 34	18 23	2 9	23 20	0 7	0s 0	0 51	16 36	1 31	4 31	4 3	28 15	8 33	2 46
W15	13 29	23 9	3 46	12 15	4 40	2 11	0 32	3 1	0 57	11 44	0 34	18 23	2 8	23 20	0 7	0 1	0 51	16 36	1 31	4 32	4 5	28 14	8 33	2 46
T 16	13 10	18 13	2 44	12 30	4 30	2 40	0 28	2 46	0 57	11 39	0 35	18 24	2 8	23 20	0 7	0 1	0 51	16 35	1 31	4 33	4 6	28 14	8 32	2 46
F 17	12 51	12 17	1 32	12 44	4 19	3 10	0 24	2 31	0 56	11 34	0 35	18 24	2 8	23 20	0 7	0 2	0 51	16 35	1 31	4 34	4 7	28 14	8 31	2 46
S 18	12 32	5 51	0 15	12 57	4 6	3 39	0 20	2 15	0 56	11 30	0 35	18 25	2 7	23 20	0 7	0 2	0 51	16 35	1 31	4 34	4 8	28 13	8 31	2 46
S 19	12 13	0s42	1s 1	13 10	3 53	4 9	0 15	2 0	0 55	11 25	0 35	18 25	2 7	23 20	0 7	0 3	0 51	16 34	1 31	4 34	4 9	28 13	8 30	2 46
M20	11 53	7 2	2 11	13 22	3 39	4 38	0 11	1 45	0 55	11 21	0 35	18 26	2 7	23 20	0 7	0 3	0 51	16 34	1 31	4 34	4 11	28 13	8 30	2 46
T 21	11 33	12 53	3 12	13 33	3 25	5 8	0 7	1 30	0 54	11 16	0 35	18 26	2 7	23 20	0 7	0 4	0 51	16 34	1 31	4 33	4 12	28 12	8 29	2 46
W22	11 13	18 2	4 2	13 43	3 10	5 37	0 2	1 15	0 54	11 11	0 35	18 27	2 6	23 20	0 7	0 4	0 51	16 33	1 31	4 33	4 13	28 12	8 29	2 46
T 23	10 53	22 19	4 40	13 52	2 54	6 6	0s 2	1 0	0 53	11 7	0 35	18 27	2 6	23 20	0 7	0 5	0 51	16 33	1 31	4 32	4 14	28 12	8 28	2 47
F 24	10 33	25 33	5 4	13 59	2 38	6 35	0 7	0 44	0 53	11 2	0 35	18 28	2 6	23 20	0 7	0 6	0 51	16 33	1 31	4 32	4 16	28 11	8 27	2 47
S 25	10 12	27 36	5 15	14 5	2 22	7 4	0 12	0 29	0 52	10 57	0 35	18 29	2 6	23 20	0 7	0 6	0 51	16 32	1 31	4 32	4 17	28 11	8 27	2 47
S 26	9 52	28 24	5 12	14 8	2 6	7 33	0 17	0 14	0 52	10 53	0 35	18 29	2 5	23 20	0 7	0 7	0 51	16 32	1 31	4 33	4 18	28 11	8 26	2 47
M27	9 31	27 52	4 56	14 10	1 50	8 2	0 22	0s 1	0 51	10 48	0 35	18 30	2 5	23 20	0 7	0 7	0 51	16 32	1 31	4 33	4 19	28 10	8 25	2 47
T 28	9 10	26 3	4 27	14 10	1 34	8 31	0 27	0 16	0 51	10 43	0 35	18 31	2 5	23 20	0 7	0 8	0 51	16 32	1 31	4 34	4 21	28 10	8 24	2 47
W29	8 49	23 2	3 46	14 8	1 18	8 59	0 32	0 32	0 50	10 39	0 35	18 31	2 5	23 20	0 7	0 8	0 51	16 31	1 31	4 35	4 22	28 9	8 24	2 47
T 30	8 28	18 59	2 54	14 3	1 2	9 27	0 37	0 47	0 50	10 34	0 36	18 32	2 4	23 20	0 7	0 9	0 51	16 31	1 31	4 35	4 23	28 9	8 23	2 47
F 31	8n 6	14s 3	1s53	13n56	0s47	9s55	0s42	1s 2	0n49	10n29	0n36	18s33	2n 4	23s20	0s 7	0s10	0s51	16n31	1s31	4s36	4s24	28s 9	8n22	2n47

Julian Day Number = 3059155.5, Delta T = 02h30m36s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'45, Lahiri = 47°10'45

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

SEPTEMBER 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 33	10♍ 0'32	10♓ 0	21♌18	25♎ 9	5♎11	4♍17	3♐ 4	28°R20	1°R33	8♌33	18°R16	18♓43	3♉55	14°R49	S 1
S 2	22 47 29	10°58'02	22°51	22°38	26°12	5°48	4°30	3° 7	28♐20	1♈31	8°35	18°D16	18°40	4° 2	14♈47	S 2
M 3	22 51 26	11°55'33	5♈56	24° 4	27°14	6°26	4°44	3°10	28°20	1°30	8°36	18♓17	18°37	4° 8	14°45	M 3
T 4	22 55 22	12°53'04	19°15	25°35	28°17	7° 3	4°57	3°13	28°20	1°28	8°37	18°17	18°33	4°15	14°43	T 4
W 5	22 59 19	13°50'37	2♉47	27°10	29°19	7°41	5°10	3°16	28°D20	1°27	8°39	18°17	18°30	4°22	14°40	W 5
T 6	23 3 15	14°48'12	16°32	28°49	0♏20	8°19	5°23	3°19	28°20	1°25	8°40	18°18	18°27	4°29	14°38	T 6
F 7	23 7 12	15°45'48	0♊27	0♍32	1°22	8°56	5°36	3°22	28°20	1°24	8°41	18°18	18°24	4°35	14°36	F 7
S 8	23 11 8	16°43'25	14°33	2°19	2°23	9°34	5°50	3°25	28°20	1°22	8°43	18°R18	18°21	4°42	14°33	S 8
S 9	23 15 5	17°41'03	28°47	4° 9	3°24	10°12	6° 3	3°28	28°20	1°21	8°44	18°18	18°18	4°49	14°31	S 9
M10	23 19 2	18°38'43	13♋ 6	6° 1	4°25	10°50	6°16	3°32	28°20	1°19	8°45	18°D18	18°14	4°55	14°29	M10
T 11	23 22 58	19°36'24	27°28	7°56	5°25	11°28	6°29	3°35	28°21	1°17	8°46	18°18	18°11	5° 2	14°26	T 11
W12	23 26 55	20°34'07	11♌48	9°53	6°25	12° 5	6°42	3°39	28°21	1°16	8°47	18°18	18° 8	5° 9	14°24	W12
T 13	23 30 51	21°31'51	26° 3	11°51	7°24	12°43	6°55	3°43	28°21	1°14	8°49	18°19	18° 5	5°16	14°21	T 13
F 14	23 34 48	22°29'36	10♍ 9	13°50	8°24	13°21	7° 8	3°46	28°22	1°12	8°50	18°19	18° 2	5°22	14°19	F 14
S 15	23 38 44	23°27'23	24° 0	15°50	9°22	13°59	7°21	3°50	28°22	1°11	8°51	18°R19	17°59	5°29	14°16	S 15
S 16	23 42 41	24°25'10	7♎35	17°51	10°21	14°37	7°34	3°54	28°23	1° 9	8°52	18°19	17°55	5°36	14°14	S 16
M17	23 46 37	25°22'59	20°51	19°52	11°19	15°15	7°47	3°58	28°23	1° 8	8°53	18°18	17°52	5°42	14°11	M17
T 18	23 50 34	26°20'50	3♏48	21°52	12°17	15°53	8° 0	4° 2	28°24	1° 6	8°54	18°17	17°49	5°49	14° 9	T 18
W19	23 54 31	27°18'41	16°27	23°53	13°14	16°31	8°13	4° 6	28°25	1° 4	8°55	18°16	17°46	5°56	14° 6	W19
T 20	23 58 27	28°16'33	28°49	25°52	14°11	17° 9	8°26	4°10	28°25	1° 3	8°57	18°15	17°43	6° 3	14° 4	T 20
F 21	0 2 24	29°14'27	10♐57	27°52	15° 7	17°47	8°39	4°15	28°26	1° 1	8°58	18°14	17°39	6° 9	14° 1	F 21
S 22	0 6 20	0♎12'22	22°56	29°50	16° 3	18°26	8°51	4°19	28°27	0°59	8°59	18°13	17°36	6°16	13°58	S 22
S 23	0 10 17	1°10'18	4♉50	1♎47	16°59	19° 4	9° 4	4°24	28°28	0°58	9° 0	18°D13	17°33	6°23	13°56	S 23
M24	0 14 13	2° 8'15	16°43	3°44	17°54	19°42	9°17	4°28	28°29	0°56	9° 1	18°13	17°30	6°30	13°53	M24
T 25	0 18 10	3° 6'13	28°41	5°39	18°48	20°20	9°30	4°33	28°30	0°54	9° 2	18°14	17°27	6°36	13°50	T 25
W26	0 22 6	4° 4'13	10♒46	7°33	19°42	20°58	9°42	4°37	28°31	0°53	9° 3	18°16	17°24	6°43	13°48	W26
T 27	0 26 3	5° 2'14	23° 5	9°26	20°35	21°37	9°55	4°42	28°32	0°51	9° 4	18°17	17°20	6°50	13°45	T 27
F 28	0 30 0	6° 0'16	5♓39	11°18	21°28	22°15	10° 7	4°47	28°33	0°50	9° 5	18°18	17°17	6°56	13°42	F 28
S 29	0 33 56	6°58'19	18°30	13° 8	22°20	22°53	10°20	4°52	28°34	0°48	9° 5	18°R19	17°14	7° 3	13°40	S 29
S 30	0 37 53	7♎56'24	1♈41	14♎58	23♏12	23♎32	10♍32	4♐57	28♐35	0♈46	9♌ 6	18♓18	17♓11	7♉10	13♈37	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n45	8s28	0s46	13n46	0s32	10s23	0s47	1s17	0n49	10n24	0n36	18s34	2n 4	23s20	0s 7	0s10	0s51	16n30	1s31	4s36	4s26	28s 8	8n21	2n47
S 2	7 23	2 26	0n25	13 34	0 17	10 51	0 53	1 33	0 48	10 20	0 36	18 34	2 4	23 20	0 7	0 11	0 51	16 30	1 31	4 36	4 27	28 8	8 20	2 47
M 3	7 2	3n49	1 36	13 19	0 4	11 18	0 58	1 48	0 48	10 15	0 36	18 35	2 3	23 20	0 7	0 11	0 51	16 30	1 30	4 36	4 28	28 7	8 20	2 47
T 4	6 40	10 0	2 43	13 2	0n10	11 46	1 4	2 3	0 47	10 10	0 36	18 36	2 3	23 20	0 7	0 12	0 51	16 29	1 30	4 36	4 29	28 7	8 19	2 47
W 5	6 18	15 49	3 42	12 42	0 22	12 13	1 9	2 18	0 47	10 6	0 36	18 37	2 3	23 20	0 7	0 13	0 51	16 29	1 30	4 35	4 30	28 6	8 18	2 47
T 6	5 56	20 56	4 30	12 19	0 34	12 40	1 15	2 33	0 47	10 1	0 36	18 37	2 3	23 20	0 7	0 13	0 51	16 29	1 30	4 35	4 32	28 6	8 17	2 47
F 7	5 34	24 59	5 2	11 53	0 45	13 6	1 21	2 48	0 46	9 56	0 36	18 38	2 2	23 20	0 7	0 14	0 51	16 29	1 30	4 35	4 33	28 5	8 16	2 47
S 8	5 12	27 35	5 16	11 25	0 55	13 33	1 26	3 4	0 46	9 51	0 36	18 39	2 2	23 20	0 7	0 15	0 51	16 28	1 30	4 35	4 34	28 5	8 15	2 47
S 9	4 50	28 25	5 12	10 54	1 4	13 59	1 32	3 19	0 45	9 47	0 36	18 40	2 2	23 20	0 7	0 15	0 51	16 28	1 30	4 35	4 35	28 4	8 14	2 47
M10	4 27	27 22	4 48	10 20	1 12	14 25	1 38	3 34	0 45	9 42	0 36	18 41	2 2	23 20	0 7	0 16	0 51	16 28	1 30	4 35	4 37	28 4	8 13	2 47
T 11	4 5	24 30	4 6	9 45	1 19	14 50	1 44	3 49	0 44	9 37	0 37	18 42	2 2	23 20	0 7	0 17	0 51	16 27	1 30	4 35	4 38	28 3	8 13	2 47
W12	3 42	20 7	3 9	9 7	1 26	15 16	1 50	4 4	0 44	9 33	0 37	18 43	2 1	23 20	0 7	0 17	0 51	16 27	1 30	4 35	4 39	28 3	8 12	2 47
T 13	3 20	14 37	2 0	8 28	1 31	15 41	1 56	4 19	0 43	9 28	0 37	18 43	2 1	23 20	0 7	0 18	0 51	16 27	1 30	4 35	4 40	28 2	8 11	2 47
F 14	2 57	8 24	0 45	7 47	1 36	16 6	2 2	4 34	0 43	9 23	0 37	18 44	2 1	23 20	0 7	0 18	0 51	16 27	1 30	4 35	4 42	28 2	8 10	2 47
S 15	2 35	1 53	0s31	7 4	1 39	16 30	2 8	4 49	0 42	9 18	0 37	18 45	2 1	23 20	0 7	0 19	0 51	16 26	1 30	4 35	4 43	28 1	8 9	2 47
S 16	2 12	4s35	1 45	6 20	1 42	16 55	2 14	5 4	0 42	9 14	0 37	18 46	2 0	23 20	0 7	0 20	0 51	16 26	1 30	4 35	4 44	28 1	8 8	2 47
M17	1 49	10 43	2 51	5 35	1 44	17 19	2 20	5 19	0 41	9 9	0 37	18 47	2 0	23 20	0 7	0 20	0 51	16 26	1 30	4 35	4 45	28 0	8 7	2 47
T 18	1 26	16 13	3 46	4 48	1 45	17 42	2 26	5 34	0 41	9 4	0 37	18 48	2 0	23 20	0 7	0 21	0 51	16 25	1 30	4 36	4 46	27 59	8 6	2 47
W19	1 4	20 54	4 29	4 1	1 45	18 6	2 32	5 49	0 40	9 0	0 37	18 49	2 0	23 20	0 7	0 22	0 51	16 25	1 30	4 36	4 48	27 59	8 5	2 47
T 20	0 41	24 34	4 58	3 14	1 45	18 29	2 38	6 4	0 40	8 55	0 37	18 50	2 0	23 20	0 7	0 22	0 51	16 25	1 30	4 37	4 49	27 58	8 4	2 47
F 21	0 18	27 4	5 14	2 26	1 44	18 51	2 45	6 19	0 39	8 50	0 37	18 51	1 59	23 20	0 7	0 23	0 51	16 25	1 30	4 37	4 50	27 58	8 3	2 47
S 22	0s 5	28 17	5 15	1 38	1 42	19 14	2 51	6 34	0 39	8 46	0 38	18 52	1 59	23 20	0 7	0 24	0 51	16 24	1 30	4 37	4 51	27 57	8 2	2 47
S 23	0 28	28 11	5 3	0 49	1 40	19 35	2 57	6 49	0 38	8 41	0 38	18 53	1 59	23 20	0 7	0 24	0 51	16 24	1 30	4 37	4 53	27 56	8 0	2 46
M24	0 51	26 47	4 38	0 1	1 37	19 57	3 4	7 4	0 38	8 36	0 38	18 54	1 59	23 20	0 7	0 25	0 51	16 24	1 30	4 37	4 54	27 56	7 59	2 46
T 25	1 13	24 10	4 1	0s48	1 33	20 18	3 10	7 18	0 37	8 32	0 38	18 55	1 58	23 20	0 7	0 26	0 51	16 24	1 30	4 37	4 55	27 55	7 58	2 46
W26	1 36	20 28	3 13	1 36	1 30	20 39	3 16	7 33	0 37	8 27	0 38	18 56	1 58	23 20	0 7	0 26	0 51	16 24	1 30	4 36	4 56	27 55	7 57	2 46
T 27	1 59	15 50	2 15	2 24	1 25	21 0	3 22	7 48	0 36	8 22	0 38	18 57	1 58	23 20	0 7	0 27	0 51	16 23	1 30	4 36	4 58	27 54	7 56	2 46
F 28	2 22	10 26	1 9	3 12	1 21	21 20	3 29	8 2	0 36	8 18	0 38	18 58	1 58	23 20	0 7	0 28	0 51	16 23	1 30	4 35	4 59	27 53	7 55	2 46
S 29	2 45	4 30	0n 1	3 59	1 16	21 39	3 35	8 17	0 35	8 13	0 38	18 59	1 58	23 20	0 7	0 28	0 51	16 23	1 30	4 35	5 0	27 53	7 54	2 46
S 30	3s 7	1n47	1n13	4s46	1n10	21s59	3s41	8s31	0n35	8n 9	0n38	19s 0	1n57	23s20	0s 7	0s29	0s51	16n23	1s30	4s35	5s 1	27s52	7n53	2n46

Julian Day Number = 3059186.5, Delta T = 02h30m37s
Ecliptic obliquity = 23°13'41, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'49, Lahiri = 47°10'50

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

OCTOBER 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 41 49	8♎54'31	15♈ 9	16♎46	24♏ 2	24♎10	10♍45	5♐ 2	28♐37	0°R45	9♌ 7	18°R17	17♓ 8	7♉16	13°R34	M 1
T 2	0 45 46	9°52'39	28°55	18°33	24°53	24°48	10°57	5° 7	28°38	0♈43	9° 8	18♓14	17° 5	7°23	13♈31	T 2
W 3	0 49 42	10°50'49	12♉54	20°18	25°42	25°27	11° 9	5°12	28°39	0°41	9° 9	18°11	17° 1	7°30	13°29	W 3
T 4	0 53 39	11°49'00	27° 3	22° 3	26°31	26° 5	11°22	5°17	28°41	0°40	9°10	18° 8	16°58	7°37	13°26	T 4
F 5	0 57 35	12°47'14	11♊18	23°46	27°19	26°44	11°34	5°22	28°42	0°38	9°11	18° 5	16°55	7°43	13°23	F 5
S 6	1 1 32	13°45'30	25°35	25°28	28° 6	27°22	11°46	5°28	28°44	0°37	9°11	18° 3	16°52	7°50	13°20	S 6
S 7	1 5 28	14°43'47	9♋50	27° 9	28°53	28° 1	11°58	5°33	28°45	0°35	9°12	18°D 2	16°49	7°57	13°18	S 7
M 8	1 9 25	15°42'07	24° 1	28°49	29°38	28°40	12°10	5°39	28°47	0°33	9°13	18° 2	16°45	8° 3	13°15	M 8
T 9	1 13 22	16°40'28	8♌ 6	0♏28	0♐23	29°18	12°22	5°44	28°49	0°32	9°14	18° 3	16°42	8°10	13°12	T 9
W10	1 17 18	17°38'52	22° 3	2° 6	1° 7	29°57	12°34	5°50	28°50	0°30	9°14	18° 4	16°39	8°17	13° 9	W10
T 11	1 21 15	18°37'17	5♍52	3°43	1°50	0♏36	12°46	5°55	28°52	0°29	9°15	18° 6	16°36	8°24	13° 7	T 11
F 12	1 25 11	19°35'45	19°30	5°18	2°32	1°14	12°58	6° 1	28°54	0°27	9°16	18°R 6	16°33	8°30	13° 4	F 12
S 13	1 29 8	20°34'14	2♎57	6°53	3°13	1°53	13°10	6° 7	28°56	0°26	9°16	18° 5	16°30	8°37	13° 1	S 13
S 14	1 33 4	21°32'45	16°11	8°27	3°53	2°32	13°22	6°13	28°58	0°24	9°17	18° 3	16°26	8°44	12°58	S 14
M15	1 37 1	22°31'18	29°12	9°59	4°32	3°11	13°33	6°19	29° 0	0°23	9°17	17°59	16°23	8°50	12°56	M15
T 16	1 40 57	23°29'53	11♏58	11°31	5° 9	3°50	13°45	6°24	29° 2	0°21	9°18	17°53	16°20	8°57	12°53	T 16
W17	1 44 54	24°28'29	24°30	13° 1	5°46	4°29	13°56	6°30	29° 4	0°20	9°19	17°47	16°17	9° 4	12°50	W17
T 18	1 48 51	25°27'08	6♐48	14°31	6°21	5° 8	14° 8	6°36	29° 6	0°18	9°19	17°40	16°14	9°11	12°48	T 18
F 19	1 52 47	26°25'48	18°54	15°59	6°55	5°46	14°19	6°43	29° 8	0°17	9°20	17°34	16°11	9°17	12°45	F 19
S 20	1 56 44	27°24'29	0♑52	17°27	7°28	6°25	14°30	6°49	29°10	0°15	9°20	17°29	16° 7	9°24	12°42	S 20
S 21	2 0 40	28°23'13	12°44	18°53	7°59	7° 5	14°42	6°55	29°12	0°14	9°21	17°26	16° 4	9°31	12°40	S 21
M22	2 4 37	29°21'58	24°36	20°18	8°29	7°44	14°53	7° 1	29°15	0°13	9°21	17°D24	16° 1	9°37	12°37	M22
T 23	2 8 33	0♏20'44	6♒31	21°43	8°57	8°23	15° 4	7° 7	29°17	0°11	9°21	17°25	15°58	9°44	12°35	T 23
W24	2 12 30	1°19'32	18°36	23° 6	9°24	9° 2	15°15	7°14	29°19	0°10	9°22	17°26	15°55	9°51	12°32	W24
T 25	2 16 26	2°18'22	0♓54	24°28	9°49	9°41	15°26	7°20	29°22	0° 8	9°22	17°27	15°51	9°58	12°30	T 25
F 26	2 20 23	3°17'13	13°31	25°49	10°12	10°20	15°37	7°26	29°24	0° 7	9°22	17°R28	15°48	10° 4	12°27	F 26
S 27	2 24 20	4°16'06	26°30	27° 8	10°34	10°59	15°47	7°33	29°27	0° 6	9°23	17°28	15°45	10°11	12°25	S 27
S 28	2 28 16	5°15'01	9♈53	28°27	10°54	11°39	15°58	7°39	29°29	0° 5	9°23	17°26	15°42	10°18	12°22	S 28
M29	2 32 13	6°13'57	23°41	29°44	11°12	12°18	16° 9	7°46	29°32	0° 3	9°23	17°21	15°39	10°24	12°20	M29
T 30	2 36 9	7°12'56	7♉50	0♐59	11°28	12°57	16°19	7°52	29°34	0° 2	9°24	17°15	15°36	10°31	12°17	T 30
W31	2 40 6	8♏11'56	22♉17	2♐14	11♐42	13♏37	16♍30	7♐59	29♐37	0♈ 1	9♌24	17♓ 7	15♓32	10♉38	12♈15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s30	8n 7	2n22	5s32	1n 4	22s18	3s48	8s46	0n34	8n 4	0n39	19s 1	1n57	23s20	0s 7	0s30	0s51	16n23	1s30	4s36	5s 2	27s51	7n52	2n46
T 2	3 53	14 11	3 25	6 18	0 58	22 36	3 54	9 0	0 33	8 0	0 39	19 3	1 57	23 20	0 7	0 30	0 51	16 22	1 30	4 37	5 4	27 51	7 51	2 46
W 3	4 15	19 39	4 16	7 3	0 52	22 54	4 0	9 15	0 33	7 55	0 39	19 4	1 57	23 20	0 7	0 31	0 51	16 22	1 30	4 38	5 5	27 50	7 49	2 46
T 4	4 38	24 4	4 53	7 48	0 46	23 12	4 7	9 29	0 32	7 51	0 39	19 5	1 57	23 20	0 7	0 32	0 51	16 22	1 30	4 39	5 6	27 49	7 48	2 46
F 5	5 0	27 5	5 11	8 32	0 39	23 29	4 13	9 43	0 32	7 46	0 39	19 6	1 57	23 20	0 7	0 32	0 51	16 22	1 29	4 40	5 7	27 48	7 47	2 46
S 6	5 23	28 20	5 11	9 16	0 32	23 46	4 19	9 57	0 31	7 42	0 39	19 7	1 56	23 20	0 7	0 33	0 51	16 22	1 29	4 41	5 9	27 48	7 46	2 46
S 7	5 45	27 42	4 51	9 59	0 25	24 3	4 25	10 12	0 31	7 37	0 39	19 8	1 56	23 20	0 7	0 33	0 51	16 21	1 29	4 42	5 10	27 47	7 45	2 46
M 8	6 8	25 17	4 14	10 41	0 18	24 19	4 31	10 26	0 30	7 33	0 39	19 9	1 56	23 20	0 7	0 34	0 51	16 21	1 29	4 41	5 11	27 46	7 44	2 46
T 9	6 30	21 20	3 22	11 22	0 11	24 34	4 37	10 40	0 30	7 28	0 40	19 10	1 56	23 20	0 7	0 35	0 51	16 21	1 29	4 41	5 12	27 46	7 43	2 45
W10	6 52	16 12	2 18	12 2	0 4	24 49	4 43	10 54	0 29	7 24	0 40	19 11	1 56	23 20	0 7	0 35	0 51	16 21	1 29	4 40	5 13	27 45	7 42	2 45
T 11	7 14	10 19	1 6	12 42	0s 4	25 4	4 49	11 8	0 29	7 19	0 40	19 13	1 55	23 20	0 7	0 36	0 51	16 21	1 29	4 40	5 15	27 44	7 40	2 45
F 12	7 36	4 0	0s 8	13 21	0 11	25 18	4 55	11 22	0 28	7 15	0 40	19 14	1 55	23 20	0 7	0 36	0 51	16 21	1 29	4 40	5 16	27 43	7 39	2 45
S 13	7 58	2s23	1 20	13 59	0 19	25 32	5 1	11 35	0 28	7 11	0 40	19 15	1 55	23 20	0 7	0 37	0 51	16 20	1 29	4 40	5 17	27 43	7 38	2 45
S 14	8 20	8 35	2 27	14 36	0 26	25 46	5 7	11 49	0 27	7 6	0 40	19 16	1 55	23 20	0 7	0 38	0 51	16 20	1 29	4 41	5 18	27 42	7 37	2 45
M15	8 41	14 17	3 25	15 13	0 34	25 58	5 12	12 3	0 27	7 2	0 40	19 17	1 55	23 20	0 7	0 38	0 51	16 20	1 29	4 43	5 20	27 41	7 36	2 45
T 16	9 3	19 17	4 12	15 48	0 41	26 11	5 18	12 16	0 26	6 58	0 40	19 18	1 55	23 20	0 7	0 39	0 51	16 20	1 29	4 45	5 21	27 40	7 35	2 45
W17	9 24	23 20	4 45	16 23	0 49	26 23	5 23	12 30	0 26	6 53	0 41	19 19	1 54	23 20	0 7	0 39	0 51	16 20	1 29	4 47	5 22	27 39	7 34	2 45
T 18	9 46	26 15	5 4	16 57	0 56	26 34	5 29	12 43	0 25	6 49	0 41	19 21	1 54	23 20	0 7	0 40	0 51	16 20	1 29	4 50	5 23	27 39	7 32	2 45
F 19	10 7	27 55	5 10	17 30	1 4	26 45	5 34	12 56	0 25	6 45	0 41	19 22	1 54	23 20	0 7	0 41	0 51	16 20	1 29	4 52	5 24	27 38	7 31	2 44
S 20	10 28	28 15	5 1	18 2	1 11	26 56	5 39	13 10	0 24	6 41	0 41	19 23	1 54	23 21	0 7	0 41	0 51	16 20	1 29	4 54	5 26	27 37	7 30	2 44
S 21	10 48	27 16	4 40	18 33	1 19	27 6	5 44	13 23	0 24	6 37	0 41	19 24	1 54	23 21	0 7	0 42	0 51	16 20	1 29	4 55	5 27	27 36	7 29	2 44
M22	11 9	25 4	4 7	19 3	1 26	27 15	5 48	13 36	0 23	6 32	0 41	19 25	1 54	23 21	0 7	0 42	0 51	16 19	1 29	4 56	5 28	27 35	7 28	2 44
T 23	11 30	21 45	3 23	19 32	1 33	27 24	5 53	13 49	0 23	6 28	0 41	19 26	1 54	23 21	0 7	0 43	0 51	16 19	1 29	4 56	5 29	27 34	7 27	2 44
W24	11 50	17 30	2 30	20 0	1 40	27 33	5 57	14 2	0 22	6 24	0 42	19 28	1 53	23 21	0 7	0 43	0 51	16 19	1 29	4 55	5 31	27 33	7 26	2 44
T 25	12 10	12 26	1 28	20 27	1 47	27 41	6 1	14 15	0 22	6 20	0 42	19 29	1 53	23 21	0 7	0 44	0 51	16 19	1 29	4 55	5 32	27 33	7 25	2 44
F 26	12 30	6 45	0 21	20 53	1 54	27 48	6 5	14 27	0 21	6 16	0 42	19 30	1 53	23 21	0 7	0 44	0 51	16 19	1 29	4 55	5 33	27 32	7 23	2 44
S 27	12 50	0 38	0n49	21 18	2 1	27 55	6 9	14 40	0 20	6 12	0 42	19 31	1 53	23 21	0 7	0 45	0 51	16 19	1 29	4 55	5 34	27 31	7 22	2 43
S 28	13 9	5n41	1 58	21 43	2 7	28 1	6 12	14 53	0 20	6 8	0 42	19 32	1 53	23 21	0 7	0 45	0 51	16 19	1 29	4 56	5 35	27 30	7 21	2 43
M29	13 29	11 56	3 2	22 6	2 14	28 7	6 15	15 5	0 19	6 4	0 42	19 33	1 53	23 21	0 7	0 46	0 51	16 19	1 29	4 57	5 37	27 29	7 20	2 43
T 30	13 48	17 44	3 57	22 27	2 20	28 12	6 18	15 17	0 19	6 0	0 43	19 35	1 53	23 21	0 7	0 46	0 51	16 19	1 29	5 0	5 38	27 28	7 19	2 43
W31	14s 7	22n39	4n38	22s48	2s26	28s16	6s21	15s30	0n18	5n57	0n43	19s36	1n52	23s21	0s 7	0s47	0s51	16n19	1s29	5s 3	5s39	27s27	7n18	2n43

Julian Day Number = 3059216.5, Delta T = 02h30m38s
Ecliptic obliquity = 23°13'41, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'53, Lahiri = 47°10'54

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

NOVEMBER 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 2	9♏10'59	6♊55	3♐26	11♐54	14♏16	16♍40	8♐ 6	29♐39	29°R59	9♌24	16°R59	15♓29	10♑45	12°R12	T 1
F 2	2 47 59	10°10'03	21°36	4°37	12° 3	14°56	16°50	8°12	29°42	29♓59	9°24	16♓51	15°26	10°51	12♈10	F 2
S 3	2 51 55	11° 9'10	6♋14	5°47	12°11	15°35	17° 0	8°19	29°45	29°57	9°24	16°45	15°23	10°58	12° 8	S 3
S 4	2 55 52	12° 8'19	20°42	6°54	12°17	16°15	17°10	8°26	29°48	29°56	9°24	16°41	15°20	11° 5	12° 5	S 4
M 5	2 59 49	13° 7'30	4♌57	7°59	12°20	16°54	17°20	8°33	29°50	29°55	9°25	16°39	15°17	11°11	12° 3	M 5
T 6	3 3 45	14° 6'44	18°56	9° 2	12°R21	17°34	17°30	8°39	29°53	29°54	9°25	16°D39	15°13	11°18	12° 1	T 6
W 7	3 7 42	15° 5'59	2♍40	10° 2	12°19	18°13	17°40	8°46	29°56	29°53	9°25	16°39	15°10	11°25	11°59	W 7
T 8	3 11 38	16° 5'17	16°10	11° 0	12°15	18°53	17°49	8°53	29°59	29°52	9°25	16°R40	15° 7	11°32	11°57	T 8
F 9	3 15 35	17° 4'37	29°26	11°55	12° 9	19°33	17°59	9° 0	0♑ 2	29°51	9°R25	16°39	15° 4	11°38	11°55	F 9
S 10	3 19 31	18° 3'59	12♎30	12°47	12° 0	20°13	18° 8	9° 7	0° 5	29°50	9°25	16°36	15° 1	11°45	11°52	S 10
S 11	3 23 28	19° 3'23	25°22	13°35	11°49	20°52	18°18	9°14	0° 8	29°49	9°25	16°30	14°57	11°52	11°50	S 11
M12	3 27 24	20° 2'50	8♏ 4	14°19	11°36	21°32	18°27	9°21	0°11	29°48	9°25	16°22	14°54	11°58	11°48	M12
T 13	3 31 21	21° 2'18	20°34	14°59	11°20	22°12	18°36	9°28	0°14	29°47	9°24	16°11	14°51	12° 5	11°46	T 13
W14	3 35 18	22° 1'48	2♐55	15°34	11° 2	22°52	18°45	9°35	0°17	29°46	9°24	15°59	14°48	12°12	11°44	W14
T 15	3 39 14	23° 1'21	15° 6	16° 4	10°41	23°32	18°54	9°42	0°20	29°46	9°24	15°46	14°45	12°18	11°43	T 15
F 16	3 43 11	24° 0'55	27° 7	16°28	10°19	24°12	19° 2	9°49	0°23	29°45	9°24	15°34	14°42	12°25	11°41	F 16
S 17	3 47 7	25° 0'31	9♑ 2	16°46	9°54	24°52	19°11	9°56	0°26	29°44	9°24	15°24	14°38	12°32	11°39	S 17
S 18	3 51 4	26° 0'08	20°52	16°58	9°27	25°32	19°19	10° 3	0°30	29°43	9°24	15°16	14°35	12°39	11°37	S 18
M19	3 55 0	26°59'48	2♒41	17°R 1	8°59	26°12	19°28	10°10	0°33	29°43	9°23	15°11	14°32	12°45	11°35	M19
T 20	3 58 57	27°59'29	14°34	16°57	8°29	26°52	19°36	10°17	0°36	29°42	9°23	15° 8	14°29	12°52	11°34	T 20
W21	4 2 53	28°59'11	26°35	16°44	7°57	27°32	19°44	10°25	0°39	29°41	9°23	15°D 7	14°26	12°59	11°32	W21
T 22	4 6 50	29°58'55	8♓49	16°23	7°23	28°12	19°52	10°32	0°43	29°41	9°23	15°R 7	14°22	13° 5	11°30	T 22
F 23	4 10 47	0♐58'41	21°23	15°52	6°49	28°53	20° 0	10°39	0°46	29°40	9°22	15° 7	14°19	13°12	11°29	F 23
S 24	4 14 43	1°58'28	4♈21	15°12	6°14	29°33	20° 8	10°46	0°49	29°39	9°22	15° 6	14°16	13°19	11°27	S 24
S 25	4 18 40	2°58'17	17°46	14°23	5°38	0♐13	20°15	10°53	0°53	29°39	9°22	15° 2	14°13	13°26	11°26	S 25
M26	4 22 36	3°58'08	1♉40	13°25	5° 1	0°54	20°23	11° 1	0°56	29°38	9°21	14°56	14°10	13°32	11°25	M26
T 27	4 26 33	4°58'00	16° 2	12°20	4°24	1°34	20°30	11° 8	1° 0	29°38	9°21	14°47	14° 7	13°39	11°23	T 27
W28	4 30 29	5°57'54	0♊47	11° 8	3°48	2°15	20°37	11°15	1° 3	29°38	9°20	14°37	14° 3	13°46	11°22	W28
T 29	4 34 26	6°57'50	15°48	9°52	3°11	2°55	20°44	11°22	1° 6	29°37	9°20	14°25	14° 0	13°52	11°21	T 29
F 30	4 38 22	7♐57'48	0♋54	8♐34	2♐35	3♐35	20♍51	11♐30	1♑10	29♓37	9♌19	14♓14	13♓57	13♑59	11♈19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	26n13	5n 1	23s 8	2s31	28s20	6s23	15s42	0n18	5n53	0n43	19s37	1n52	23s21	0s 7	0s47	0s51	16n19	1s29	5s 6	5s40	27s26	7n17	2n43
F 2	14 44	28 2	5 5	23 27	2 37	28 23	6 25	15 54	0 17	5 49	0 43	19 38	1 52	23 21	0 7	0 48	0 51	16 19	1 29	5 9	5 42	27 25	7 16	2 43
S 3	15 3	27 53	4 48	23 44	2 42	28 26	6 26	16 6	0 17	5 45	0 43	19 39	1 52	23 21	0 7	0 48	0 51	16 19	1 29	5 11	5 43	27 24	7 15	2 42
S 4	15 21	25 50	4 14	24 1	2 47	28 27	6 27	16 18	0 16	5 41	0 43	19 40	1 52	23 21	0 7	0 49	0 51	16 19	1 29	5 13	5 44	27 23	7 14	2 42
M 5	15 38	22 10	3 24	24 16	2 51	28 28	6 28	16 29	0 16	5 38	0 44	19 42	1 52	23 21	0 7	0 49	0 51	16 19	1 29	5 14	5 45	27 22	7 13	2 42
T 6	15 56	17 16	2 23	24 30	2 55	28 29	6 28	16 41	0 15	5 34	0 44	19 43	1 52	23 21	0 7	0 49	0 51	16 19	1 29	5 14	5 46	27 22	7 12	2 42
W 7	16 13	11 35	1 14	24 42	2 59	28 28	6 27	16 52	0 15	5 31	0 44	19 44	1 52	23 21	0 7	0 50	0 51	16 19	1 29	5 13	5 48	27 21	7 11	2 42
T 8	16 30	5 27	0 3	24 54	3 2	28 27	6 26	17 4	0 14	5 27	0 44	19 45	1 52	23 21	0 7	0 50	0 51	16 19	1 29	5 13	5 49	27 20	7 10	2 42
F 9	16 47	0s49	1s 8	25 4	3 5	28 24	6 25	17 15	0 13	5 23	0 44	19 46	1 51	23 21	0 7	0 51	0 51	16 19	1 29	5 13	5 50	27 19	7 9	2 41
S 10	17 4	6 56	2 13	25 13	3 7	28 21	6 23	17 26	0 13	5 20	0 44	19 47	1 51	23 21	0 7	0 51	0 51	16 19	1 29	5 15	5 51	27 18	7 8	2 41
S 11	17 20	12 41	3 11	25 21	3 8	28 17	6 20	17 37	0 12	5 17	0 45	19 48	1 51	23 21	0 7	0 51	0 51	16 19	1 29	5 17	5 53	27 17	7 7	2 41
M12	17 36	17 49	3 58	25 27	3 9	28 12	6 17	17 48	0 12	5 13	0 45	19 49	1 51	23 21	0 7	0 52	0 51	16 19	1 29	5 20	5 54	27 16	7 6	2 41
T 13	17 52	22 7	4 33	25 31	3 9	28 6	6 13	17 59	0 11	5 10	0 45	19 51	1 51	23 21	0 7	0 52	0 51	16 19	1 29	5 24	5 55	27 15	7 5	2 41
W14	18 7	25 22	4 54	25 34	3 8	27 59	6 8	18 9	0 11	5 6	0 45	19 52	1 51	23 21	0 7	0 52	0 51	16 19	1 29	5 29	5 56	27 14	7 4	2 41
T 15	18 22	27 24	5 2	25 36	3 7	27 50	6 3	18 20	0 10	5 3	0 45	19 53	1 51	23 21	0 7	0 53	0 51	16 19	1 29	5 34	5 57	27 12	7 3	2 40
F 16	18 37	28 7	4 56	25 36	3 4	27 41	5 57	18 30	0 10	5 0	0 46	19 54	1 51	23 21	0 7	0 53	0 51	16 19	1 28	5 38	5 59	27 11	7 2	2 40
S 17	18 51	27 32	4 37	25 34	3 0	27 31	5 50	18 40	0 9	4 57	0 46	19 55	1 51	23 21	0 7	0 53	0 51	16 19	1 28	5 42	6 0	27 10	7 2	2 40
S 18	19 5	25 41	4 6	25 30	2 55	27 19	5 43	18 50	0 9	4 54	0 46	19 56	1 51	23 21	0 7	0 53	0 51	16 19	1 28	5 45	6 1	27 9	7 1	2 40
M19	19 19	22 43	3 25	25 24	2 49	27 7	5 35	19 0	0 8	4 51	0 46	19 57	1 51	23 21	0 7	0 54	0 51	16 19	1 28	5 47	6 2	27 8	7 0	2 40
T 20	19 32	18 47	2 34	25 16	2 42	26 53	5 26	19 10	0 7	4 48	0 46	19 58	1 50	23 21	0 7	0 54	0 51	16 20	1 28	5 48	6 3	27 7	6 59	2 39
W21	19 45	14 4	1 37	25 6	2 33	26 38	5 16	19 20	0 7	4 45	0 46	19 59	1 50	23 21	0 7	0 54	0 51	16 20	1 28	5 49	6 5	27 6	6 58	2 39
T 22	19 58	8 42	0 33	24 53	2 22	26 23	5 6	19 29	0 6	4 42	0 47	20 1	1 50	23 21	0 7	0 54	0 51	16 20	1 28	5 49	6 6	27 5	6 57	2 39
F 23	20 10	2 53	0n33	24 38	2 10	26 6	4 55	19 38	0 6	4 39	0 47	20 2	1 50	23 21	0 7	0 55	0 51	16 20	1 28	5 49	6 7	27 4	6 57	2 39
S 24	20 22	3n15	1 40	24 20	1 56	25 48	4 43	19 48	0 5	4 36	0 47	20 3	1 50	23 21	0 7	0 55	0 51	16 20	1 28	5 49	6 8	27 3	6 56	2 39
S 25	20 34	9 26	2 43	23 59	1 40	25 30	4 31	19 57	0 5	4 33	0 47	20 4	1 50	23 21	0 7	0 55	0 51	16 20	1 28	5 51	6 10	27 2	6 55	2 39
M26	20 45	15 23	3 40	23 35	1 23	25 11	4 18	20 5	0 4	4 30	0 47	20 5	1 50	23 21	0 7	0 55	0 51	16 20	1 28	5 53	6 11	27 1	6 54	2 38
T 27	20 56	20 42	4 24	23 9	1 5	24 51	4 5	20 14	0 4	4 28	0 48	20 6	1 50	23 21	0 7	0 55	0 51	16 20	1 28	5 56	6 12	26 59	6 54	2 38
W28	21 7	24 53	4 52	22 40	0 46	24 30	3 51	20 23	0 3	4 25	0 48	20 7	1 50	23 21	0 7	0 56	0 51	16 20	1 28	6 0	6 13	26 58	6 53	2 38
T 29	21 17	27 27	5 0	22 9	0 25	24 9	3 37	20 31	0 2	4 23	0 48	20 8	1 50	23 21	0 7	0 56	0 51	16 21	1 28	6 5	6 14	26 57	6 52	2 38
F 30	21s27	28n 1	4n48	21s37	0s 5	23s48	3s22	20s39	0n 2	4n20	0n48	20s 9	1n50	23s21	0s 7	0s56	0s51	16n21	1s28	6s 9	6s16	26s56	6n52	2n38

Julian Day Number = 3059247.5, Delta T = 02h30m39s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°03'58, Lahiri = 47°10'58

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ASTRODIENST EPHEMERIS for the year 3663
geocentric

DECEMBER 3663 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 19	8♐57'47	15♋56	7°R15	2°R 0	4♐16	20♍58	11♐37	1♑13	29°R36	9°R19	14°R 5	13♓54	14♑ 6	11°R18	S 1
S 2	4 46 16	9°57'49	0♌45	6♐ 0	1♐26	4°57	21° 4	11°44	1°17	29♓36	9♌18	13♓58	13°51	14°12	11♈17	S 2
M 3	4 50 12	10°57'52	15°14	4°49	0°53	5°37	21°11	11°51	1°20	29°36	9°18	13°54	13°48	14°19	11°16	M 3
T 4	4 54 9	11°57'58	29°21	3°46	0°22	6°18	21°17	11°59	1°24	29°36	9°17	13°53	13°44	14°26	11°15	T 4
W 5	4 58 5	12°58'05	13♍ 5	2°51	29♏52	6°59	21°23	12° 6	1°27	29°35	9°17	13°52	13°41	14°33	11°14	W 5
T 6	5 2 2	13°58'15	26°28	2° 7	29°24	7°39	21°29	12°13	1°31	29°35	9°16	13°52	13°38	14°39	11°13	T 6
F 7	5 5 58	14°58'26	9♎32	1°35	28°58	8°20	21°35	12°20	1°35	29°35	9°15	13°51	13°35	14°46	11°12	F 7
S 8	5 9 55	15°58'40	22°20	1°14	28°35	9° 1	21°41	12°28	1°38	29°35	9°15	13°47	13°32	14°53	11°12	S 8
S 9	5 13 51	16°58'55	4♏56	1°D 4	28°13	9°42	21°46	12°35	1°42	29°35	9°14	13°40	13°28	14°59	11°11	S 9
M10	5 17 48	17°59'12	17°21	1° 6	27°54	10°23	21°52	12°42	1°45	29°35	9°13	13°30	13°25	15° 6	11°10	M10
T 11	5 21 45	18°59'31	29°37	1°19	27°37	11° 4	21°57	12°49	1°49	29°D35	9°13	13°18	13°22	15°13	11°10	T 11
W12	5 25 41	19°59'52	11♐45	1°41	27°22	11°45	22° 2	12°57	1°53	29°35	9°12	13° 3	13°19	15°19	11° 9	W12
T 13	5 29 38	21° 0'15	23°47	2°13	27°10	12°26	22° 7	13° 4	1°56	29°35	9°11	12°49	13°16	15°26	11° 8	T 13
F 14	5 33 34	22° 0'39	5♑43	2°53	27° 0	13° 7	22°12	13°11	2° 0	29°35	9°10	12°35	13°13	15°33	11° 8	F 14
S 15	5 37 31	23° 1'04	17°34	3°40	26°53	13°48	22°16	13°18	2° 4	29°35	9°10	12°22	13° 9	15°40	11° 8	S 15
S 16	5 41 27	24° 1'31	29°23	4°34	26°48	14°29	22°20	13°25	2° 7	29°35	9° 9	12°12	13° 6	15°46	11° 7	S 16
M17	5 45 24	25° 1'59	11♒12	5°33	26°D46	15°11	22°25	13°33	2°11	29°36	9° 8	12° 6	13° 3	15°53	11° 7	M17
T 18	5 49 21	26° 2'28	23° 4	6°38	26°46	15°52	22°29	13°40	2°15	29°36	9° 7	12° 2	13° 0	16° 0	11° 7	T 18
W19	5 53 17	27° 2'59	5♓ 4	7°46	26°49	16°33	22°32	13°47	2°18	29°36	9° 6	12° 0	12°57	16° 6	11° 6	W19
T 20	5 57 14	28° 3'30	17°15	8°58	26°53	17°15	22°36	13°54	2°22	29°36	9° 5	12°D 0	12°54	16°13	11° 6	T 20
F 21	6 1 10	29° 4'03	29°44	10°14	27° 1	17°56	22°40	14° 1	2°26	29°37	9° 4	12°R 0	12°50	16°20	11° 6	F 21
S 22	6 5 7	0♑ 4'37	12♈35	11°32	27°10	18°37	22°43	14° 8	2°30	29°37	9° 3	11°59	12°47	16°26	11°D 6	S 22
S 23	6 9 3	1° 5'12	25°53	12°52	27°22	19°19	22°46	14°15	2°33	29°38	9° 3	11°57	12°44	16°33	11° 6	S 23
M24	6 13 0	2° 5'48	9♉41	14°14	27°35	20° 0	22°49	14°22	2°37	29°38	9° 2	11°52	12°41	16°40	11° 6	M24
T 25	6 16 56	3° 6'25	24° 0	15°38	27°51	20°42	22°52	14°29	2°41	29°38	9° 1	11°45	12°38	16°47	11° 6	T 25
W26	6 20 53	4° 7'03	8♊46	17° 4	28° 9	21°23	22°54	14°36	2°44	29°39	9° 0	11°35	12°34	16°53	11° 7	W26
T 27	6 24 50	5° 7'42	23°53	18°30	28°29	22° 5	22°57	14°43	2°48	29°40	8°59	11°25	12°31	17° 0	11° 7	T 27
F 28	6 28 46	6° 8'23	9♋12	19°58	28°51	22°47	22°59	14°50	2°52	29°40	8°58	11°15	12°28	17° 7	11° 7	F 28
S 29	6 32 43	7° 9'05	24°31	21°26	29°15	23°28	23° 1	14°57	2°55	29°41	8°57	11° 6	12°25	17°13	11° 7	S 29
S 30	6 36 39	8° 9'47	9♌38	22°55	29°41	24°10	23° 3	15° 4	2°59	29°41	8°56	11° 0	12°22	17°20	11° 8	S 30
M31	6 40 36	9♑10'32	24♌25	24♐25	0♐ 8	24♐52	23♍ 4	15♐11	3♑ 3	29♓42	8♌55	10♓57	12♓19	17♑27	11♈ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s36	26n31	4n16	21s 4	0n16	23s26	3s 7	20s47	0n 1	4n18	0n49	20s10	1n50	23s21	0s 7	0s56	0s51	16n21	1s28	6s13	6s17	26s55	6n51	2n37
S 2	21 45	23 10	3 26	20 32	0 35	23 5	2 52	20 55	0 1	4 15	0 49	20 11	1 50	23 21	0 7	0 56	0 51	16 21	1 28	6 15	6 18	26 54	6 50	2 37
M 3	21 53	18 26	2 25	20 1	0 54	22 43	2 37	21 3	0 0	4 13	0 49	20 12	1 50	23 21	0 7	0 56	0 51	16 21	1 28	6 17	6 19	26 53	6 50	2 37
T 4	22 1	12 47	1 16	19 32	1 12	22 21	2 22	21 11	0s 0	4 11	0 49	20 13	1 50	23 20	0 7	0 56	0 51	16 21	1 28	6 17	6 20	26 51	6 49	2 37
W 5	22 9	6 39	0 4	19 6	1 28	22 0	2 6	21 18	0 1	4 9	0 49	20 14	1 50	23 20	0 7	0 56	0 51	16 22	1 28	6 17	6 22	26 50	6 49	2 37
T 6	22 17	0 23	1s 6	18 44	1 42	21 39	1 51	21 25	0 2	4 6	0 50	20 15	1 50	23 20	0 7	0 56	0 51	16 22	1 28	6 17	6 23	26 49	6 48	2 36
F 7	22 23	5s45	2 11	18 26	1 54	21 18	1 35	21 32	0 2	4 4	0 50	20 16	1 50	23 20	0 7	0 56	0 51	16 22	1 28	6 18	6 24	26 48	6 48	2 36
S 8	22 30	11 32	3 8	18 12	2 4	20 58	1 20	21 39	0 3	4 2	0 50	20 17	1 50	23 20	0 7	0 56	0 51	16 22	1 28	6 19	6 25	26 47	6 47	2 36
S 9	22 36	16 44	3 55	18 2	2 12	20 39	1 5	21 46	0 3	4 0	0 50	20 18	1 50	23 20	0 7	0 56	0 51	16 22	1 28	6 22	6 26	26 45	6 47	2 36
M10	22 41	21 10	4 29	17 56	2 18	20 20	0 51	21 52	0 4	3 58	0 50	20 19	1 49	23 20	0 7	0 56	0 51	16 23	1 28	6 26	6 28	26 44	6 46	2 35
T 11	22 47	24 38	4 51	17 55	2 23	20 2	0 36	21 59	0 4	3 57	0 51	20 20	1 49	23 20	0 7	0 56	0 51	16 23	1 28	6 31	6 29	26 43	6 46	2 35
W12	22 51	26 56	4 59	17 56	2 25	19 45	0 22	22 5	0 5	3 55	0 51	20 20	1 49	23 20	0 7	0 56	0 51	16 23	1 28	6 36	6 30	26 42	6 45	2 35
T 13	22 56	27 59	4 54	18 1	2 27	19 29	0 8	22 11	0 6	3 53	0 51	20 21	1 49	23 20	0 7	0 56	0 51	16 23	1 28	6 42	6 31	26 40	6 45	2 35
F 14	22 59	27 42	4 36	18 9	2 27	19 13	0n 6	22 16	0 6	3 52	0 51	20 22	1 49	23 20	0 7	0 56	0 51	16 24	1 28	6 47	6 32	26 39	6 44	2 35
S 15	23 3	26 9	4 6	18 19	2 25	18 59	0 19	22 22	0 7	3 50	0 52	20 23	1 49	23 20	0 7	0 56	0 51	16 24	1 28	6 52	6 34	26 38	6 44	2 34
S 16	23 6	23 26	3 25	18 31	2 23	18 46	0 32	22 27	0 7	3 49	0 52	20 24	1 49	23 20	0 7	0 56	0 50	16 24	1 28	6 55	6 35	26 37	6 44	2 34
M17	23 8	19 45	2 35	18 45	2 20	18 33	0 44	22 33	0 8	3 47	0 52	20 25	1 49	23 20	0 7	0 56	0 50	16 24	1 28	6 58	6 36	26 35	6 43	2 34
T 18	23 10	15 16	1 39	19 0	2 16	18 21	0 56	22 38	0 8	3 46	0 52	20 26	1 49	23 20	0 7	0 56	0 50	16 25	1 28	6 59	6 37	26 34	6 43	2 34
W19	23 12	10 9	0 37	19 15	2 11	18 11	1 7	22 42	0 9	3 44	0 53	20 27	1 49	23 20	0 7	0 56	0 50	16 25	1 28	7 0	6 39	26 33	6 43	2 34
T 20	23 13	4 34	0n28	19 32	2 6	18 1	1 18	22 47	0 10	3 43	0 53	20 27	1 49	23 20	0 7	0 56	0 50	16 25	1 27	7 0	6 40	26 31	6 43	2 33
F 21	23 13	1n19	1 33	19 49	2 0	17 52	1 29	22 51	0 10	3 42	0 53	20 28	1 49	23 20	0 7	0 55	0 50	16 25	1 27	7 0	6 41	26 30	6 42	2 33
S 22	23 14	7 18	2 35	20 5	1 54	17 45	1 39	22 56	0 11	3 41	0 53	20 29	1 49	23 20	0 7	0 55	0 50	16 26	1 27	7 0	6 42	26 29	6 42	2 33
S 23	23 13	13 11	3 31	20 22	1 47	17 38	1 49	22 59	0 11	3 40	0 54	20 30	1 49	23 20	0 7	0 55	0 50	16 26	1 27	7 1	6 43	26 27	6 42	2 33
M24	23 13	18 39	4 17	20 39	1 40	17 32	1 58	23 3	0 12	3 39	0 54	20 31	1 49	23 20	0 7	0 55	0 50	16 26	1 27	7 3	6 45	26 26	6 42	2 33
T 25	23 11	23 16	4 48	20 55	1 33	17 26	2 7	23 7	0 13	3 38	0 54	20 31	1 49	23 19	0 7	0 55	0 50	16 26	1 27	7 6	6 46	26 25	6 42	2 32
W26	23 10	26 33	5 2	21 11	1 26	17 22	2 16	23 10	0 13	3 37	0 54	20 32	1 49	23 19	0 7	0 54	0 50	16 27	1 27	7 9	6 47	26 23	6 42	2 32
T 27	23 8	28 0	4 56	21 26	1 19	17 19	2 24	23 13	0 14	3 37	0 54	20 33	1 49	23 19	0 7	0 54	0 50	16 27	1 27	7 13	6 48	26 22	6 42	2 32
F 28	23 5	27 22	4 28	21 40	1 11	17 16	2 31	23 16	0 14	3 36	0 55	20 34	1 49	23 19	0 7	0 54	0 50	16 27	1 27	7 17	6 49	26 21	6 41	2 32
S 29	23 2	24 39	3 41	21 54	1 4	17 14	2 39	23 19	0 15	3 36	0 55	20 34	1 50	23 19	0 7	0 54	0 50	16 28	1 27	7 20	6 51	26 19	6 41	2 31
S 30	22 59	20 14	2 39	22 6	0 56	17 12	2 45	23 22	0 16	3 35	0 55	20 35	1 50	23 19	0 7	0 53	0 50	16 28	1 27	7 23	6 52	26 18	6 41	2 31
M31	22s55	14n38	1n27	22s18	0n48	17s12	2n52	23s24	0s16	3n35	0n55	20s36	1n50	23s19	0s 7	0s53	0s50	16n28	1s27	7s24	6s53	26s17	6n41	2n31

Julian Day Number = 3059277.5, Delta T = 02h30m40s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'02, Lahiri = 47°11'02

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

JANUARY 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 44 32	10♑11'17	8♍47	25♐55	0♐37	25♐34	23♍ 6	15♐18	3♑ 7	29♓43	8°R53	10°D56	12♓15	17♑33	11♈ 9	T 1
W 2	6 48 29	11°12'04	22°42	27°26	1° 7	26°16	23° 7	15°25	3°10	29°44	8♌52	10♓56	12°12	17°40	11°10	W 2
T 3	6 52 26	12°12'52	6♎10	28°57	1°40	26°58	23° 8	15°31	3°14	29°44	8°51	10°R57	12° 9	17°47	11°10	T 3
F 4	6 56 22	13°13'41	19°15	0♑28	2°13	27°40	23° 9	15°38	3°18	29°45	8°50	10°57	12° 6	17°54	11°11	F 4
S 5	7 0 19	14°14'32	1♏59	1°59	2°48	28°22	23° 9	15°45	3°21	29°46	8°49	10°55	12° 3	18° 0	11°12	S 5
S 6	7 4 15	15°15'23	14°27	3°31	3°25	29° 4	23°10	15°52	3°25	29°47	8°48	10°51	12° 0	18° 7	11°12	S 6
M 7	7 8 12	16°16'16	26°42	5° 3	4° 2	29°46	23°10	15°58	3°29	29°48	8°47	10°44	11°56	18°14	11°13	M 7
T 8	7 12 8	17°17'11	8♐48	6°35	4°42	0♑28	23°R10	16° 5	3°32	29°49	8°46	10°36	11°53	18°20	11°14	T 8
W 9	7 16 5	18°18'06	20°47	8° 8	5°22	1°10	23°10	16°11	3°36	29°50	8°45	10°25	11°50	18°27	11°15	W 9
T 10	7 20 1	19°19'02	2♑41	9°40	6° 3	1°52	23°10	16°18	3°39	29°51	8°43	10°15	11°47	18°34	11°16	T 10
F 11	7 23 58	20°19'59	14°32	11°13	6°46	2°35	23° 9	16°24	3°43	29°52	8°42	10° 4	11°44	18°40	11°17	F 11
S 12	7 27 55	21°20'57	26°23	12°46	7°30	3°17	23° 9	16°31	3°47	29°53	8°41	9°56	11°41	18°47	11°18	S 12
S 13	7 31 51	22°21'55	8♒13	14°19	8°14	3°59	23° 8	16°37	3°50	29°54	8°40	9°49	11°37	18°54	11°20	S 13
M14	7 35 48	23°22'54	20° 5	15°52	9° 0	4°42	23° 7	16°43	3°54	29°55	8°39	9°44	11°34	19° 1	11°21	M14
T 15	7 39 44	24°23'54	2♓ 2	17°25	9°47	5°24	23° 5	16°50	3°57	29°56	8°37	9°42	11°31	19° 7	11°22	T 15
W16	7 43 41	25°24'53	14° 6	18°58	10°34	6° 7	23° 4	16°56	4° 1	29°57	8°36	9°D42	11°28	19°14	11°23	W16
T 17	7 47 37	26°25'54	26°21	20°32	11°23	6°49	23° 2	17° 2	4° 4	29°59	8°35	9°43	11°25	19°21	11°25	T 17
F 18	7 51 34	27°26'54	8♈50	22° 6	12°12	7°32	23° 0	17° 8	4° 8	29°59	8°34	9°44	11°21	19°27	11°26	F 18
S 19	7 55 30	28°27'55	21°39	23°40	13° 2	8°14	22°58	17°14	4°11	0♈ 1	8°32	9°45	11°18	19°34	11°28	S 19
S 20	7 59 27	29°28'56	4♉50	25°14	13°53	8°57	22°56	17°20	4°15	0° 3	8°31	9°R45	11°15	19°41	11°29	S 20
M21	8 3 24	0♒29'57	18°27	26°49	14°45	9°40	22°53	17°26	4°18	0° 4	8°30	9°44	11°12	19°47	11°31	M21
T 22	8 7 20	1°30'58	2♊32	28°23	15°37	10°22	22°51	17°32	4°22	0° 5	8°29	9°41	11° 9	19°54	11°33	T 22
W23	8 11 17	2°32'00	17° 4	29°58	16°30	11° 5	22°48	17°38	4°25	0° 7	8°28	9°36	11° 6	20° 1	11°34	W23
T 24	8 15 13	3°33'01	1♋59	1♒33	17°24	11°48	22°45	17°44	4°28	0° 8	8°26	9°31	11° 2	20° 7	11°36	T 24
F 25	8 19 10	4°34'03	17° 9	3° 9	18°18	12°31	22°42	17°50	4°32	0°10	8°25	9°25	10°59	20°14	11°38	F 25
S 26	8 23 6	5°35'05	2♌25	4°45	19°13	13°14	22°38	17°55	4°35	0°11	8°24	9°20	10°56	20°21	11°40	S 26
S 27	8 27 3	6°36'07	17°37	6°21	20° 9	13°57	22°35	18° 1	4°38	0°13	8°23	9°17	10°53	20°28	11°42	S 27
M28	8 31 0	7°37'09	2♍34	7°57	21° 5	14°40	22°31	18° 6	4°42	0°14	8°21	9°D16	10°50	20°34	11°43	M28
T 29	8 34 56	8°38'12	17° 8	9°34	22° 2	15°23	22°27	18°12	4°45	0°16	8°20	9°16	10°47	20°41	11°45	T 29
W30	8 38 53	9°39'14	1♎16	11°11	23° 0	16° 6	22°23	18°17	4°48	0°17	8°19	9°17	10°43	20°48	11°48	W30
T 31	8 42 49	10♒40'17	14♎56	12♒49	23♐57	16♑49	22♍19	18♐23	4♑51	0♈19	8♌18	9♓19	10♓40	20♑54	11♈50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s50	8n23	0n11	22s29	0n41	17s12	2n58	23s26	0s17	3n34	0n56	20s37	1n50	23s19	0s 8	0s53	0s50	16n29	1s27	7s24	6s54	26s15	6n41	2n31
W 2	22 46	1 55	1s 3	22 39	0 33	17 12	3 4	23 28	0 17	3 34	0 56	20 37	1 50	23 19	0 8	0 53	0 50	16 29	1 27	7 24	6 55	26 14	6 41	2 31
T 3	22 40	4s26	2 11	22 48	0 26	17 13	3 9	23 29	0 18	3 34	0 56	20 38	1 50	23 19	0 8	0 52	0 50	16 29	1 27	7 24	6 57	26 12	6 41	2 30
F 4	22 35	10 24	3 10	22 55	0 18	17 15	3 14	23 31	0 19	3 34	0 56	20 39	1 50	23 19	0 8	0 52	0 50	16 30	1 27	7 24	6 58	26 11	6 41	2 30
S 5	22 28	15 47	3 58	23 2	0 11	17 17	3 19	23 32	0 19	3 34	0 57	20 39	1 50	23 19	0 8	0 52	0 50	16 30	1 27	7 25	6 59	26 10	6 42	2 30
S 6	22 22	20 23	4 34	23 7	0 3	17 19	3 23	23 33	0 20	3 34	0 57	20 40	1 50	23 19	0 8	0 51	0 50	16 30	1 27	7 26	7 0	26 8	6 42	2 30
M 7	22 15	24 3	4 56	23 12	0s 4	17 22	3 27	23 34	0 20	3 34	0 57	20 41	1 50	23 19	0 8	0 51	0 50	16 31	1 27	7 29	7 1	26 7	6 42	2 30
T 8	22 7	26 36	5 5	23 15	0 11	17 26	3 31	23 34	0 21	3 34	0 57	20 41	1 50	23 18	0 8	0 50	0 50	16 31	1 27	7 32	7 3	26 5	6 42	2 29
W 9	21 59	27 54	5 0	23 17	0 18	17 29	3 34	23 35	0 21	3 34	0 58	20 42	1 50	23 18	0 8	0 50	0 50	16 31	1 27	7 36	7 4	26 4	6 42	2 29
T 10	21 51	27 55	4 43	23 17	0 25	17 33	3 38	23 35	0 22	3 35	0 58	20 42	1 50	23 18	0 8	0 50	0 50	16 32	1 27	7 40	7 5	26 2	6 42	2 29
F 11	21 42	26 38	4 13	23 17	0 32	17 37	3 40	23 35	0 23	3 35	0 58	20 43	1 50	23 18	0 8	0 49	0 50	16 32	1 27	7 43	7 6	26 1	6 43	2 29
S 12	21 33	24 9	3 32	23 15	0 38	17 42	3 43	23 35	0 23	3 36	0 58	20 44	1 50	23 18	0 8	0 49	0 50	16 32	1 26	7 47	7 7	25 59	6 43	2 28
S 13	21 23	20 39	2 41	23 12	0 45	17 46	3 45	23 34	0 24	3 36	0 59	20 44	1 50	23 18	0 8	0 48	0 50	16 33	1 26	7 49	7 9	25 58	6 43	2 28
M14	21 13	16 18	1 44	23 8	0 51	17 51	3 48	23 33	0 24	3 37	0 59	20 45	1 50	23 18	0 8	0 48	0 50	16 33	1 26	7 51	7 10	25 57	6 43	2 28
T 15	21 3	11 18	0 41	23 3	0 57	17 56	3 49	23 32	0 25	3 38	0 59	20 45	1 50	23 18	0 8	0 47	0 50	16 33	1 26	7 52	7 11	25 55	6 44	2 28
W16	20 52	5 50	0n24	22 56	1 3	18 1	3 51	23 31	0 26	3 39	0 59	20 46	1 50	23 18	0 8	0 47	0 50	16 34	1 26	7 52	7 12	25 54	6 44	2 28
T 17	20 41	0 4	1 29	22 48	1 9	18 7	3 52	23 29	0 26	3 39	1 0	20 46	1 50	23 18	0 8	0 46	0 50	16 34	1 26	7 52	7 13	25 52	6 44	2 27
F 18	20 29	5n48	2 32	22 39	1 14	18 12	3 53	23 28	0 27	3 40	1 0	20 47	1 50	23 18	0 8	0 46	0 50	16 34	1 26	7 51	7 15	25 51	6 45	2 27
S 19	20 17	11 35	3 28	22 29	1 19	18 17	3 54	23 26	0 27	3 41	1 0	20 47	1 51	23 17	0 8	0 45	0 50	16 35	1 26	7 51	7 16	25 49	6 45	2 27
S 20	20 5	17 2	4 15	22 17	1 24	18 23	3 55	23 24	0 28	3 43	1 0	20 48	1 51	23 17	0 8	0 45	0 50	16 35	1 26	7 51	7 17	25 47	6 46	2 27
M21	19 52	21 48	4 50	22 4	1 29	18 28	3 55	23 21	0 29	3 44	1 1	20 48	1 51	23 17	0 8	0 44	0 50	16 36	1 26	7 51	7 18	25 46	6 46	2 27
T 22	19 39	25 31	5 9	21 50	1 34	18 33	3 56	23 19	0 29	3 45	1 1	20 49	1 51	23 17	0 8	0 44	0 50	16 36	1 26	7 52	7 19	25 44	6 47	2 26
W23	19 25	27 43	5 8	21 35	1 38	18 38	3 56	23 16	0 30	3 46	1 1	20 49	1 51	23 17	0 8	0 43	0 50	16 36	1 26	7 54	7 21	25 43	6 47	2 26
T 24	19 11	28 0	4 48	21 18	1 42	18 44	3 56	23 13	0 30	3 48	1 1	20 50	1 51	23 17	0 8	0 43	0 50	16 37	1 26	7 56	7 22	25 41	6 48	2 26
F 25	18 57	26 13	4 6	21 0	1 46	18 49	3 55	23 10	0 31	3 49	1 2	20 50	1 51	23 17	0 8	0 42	0 50	16 37	1 26	7 58	7 23	25 40	6 48	2 26
S 26	18 42	22 29	3 8	20 41	1 50	18 54	3 55	23 6	0 32	3 51	1 2	20 50	1 51	23 17	0 8	0 41	0 50	16 37	1 26	8 0	7 24	25 38	6 49	2 26
S 27	18 27	17 15	1 56	20 21	1 53	18 59	3 54	23 2	0 32	3 52	1 2	20 51	1 51	23 17	0 8	0 41	0 50	16 38	1 26	8 1	7 25	25 37	6 49	2 25
M28	18 12	11 2	0 37	19 59	1 56	19 3	3 53	22 58	0 33	3 54	1 2	20 51	1 51	23 17	0 8	0 40	0 50	16 38	1 26	8 2	7 27	25 35	6 50	2 25
T 29	17 57	4 23	0s43	19 37	1 59	19 8	3 52	22 54	0 34	3 56	1 3	20 52	1 51	23 16	0 8	0 40	0 50	16 39	1 26	8 2	7 28	25 33	6 50	2 25
W30	17 41	2s18	1 58	19 13	2 1	19 12	3 51	22 50	0 34	3 58	1 3	20 52	1 52	23 16	0 8	0 39	0 50	16 39	1 26	8 1	7 29	25 32	6 51	2 25
T 31	17s24	8s39	3s 3	18s47	2s 4	19s16	3n50	22s45	0s35	4n 0	1n 3	20s52	1n52	23s16	0s 8	0s38	0s50	16n39	1s25	8s 1	7s30	25s30	6n52	2n25

Julian Day Number = 3059308.5, Delta T = 02h30m41s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'06, Lahiri = 47°11'06

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

FEBRUARY 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 46 46	11♒41'21	28♎ 9	14♒27	24♐56	17♑32	22°R14	18♐28	4♑54	0♈20	8°R16	9♓20	10♓37	21♑ 1	11♈52	F 1
S 2	8 50 42	12°42'24	10♏59	16° 5	25°55	18°15	22♏ 9	18°33	4°57	0°22	8♌15	9°R21	10°34	21° 8	11°54	S 2
S 3	8 54 39	13°43'28	23°28	17°44	26°54	18°58	22° 5	18°38	5° 1	0°24	8°14	9°20	10°31	21°14	11°56	S 3
M 4	8 58 35	14°44'32	5♐41	19°23	27°54	19°42	22° 0	18°44	5° 4	0°25	8°12	9°19	10°27	21°21	11°58	M 4
T 5	9 2 32	15°45'37	17°43	21° 2	28°54	20°25	21°55	18°49	5° 7	0°27	8°11	9°16	10°24	21°28	12° 1	T 5
W 6	9 6 29	16°46'41	29°37	22°42	29°55	21° 8	21°49	18°53	5°10	0°29	8°10	9°12	10°21	21°34	12° 3	W 6
T 7	9 10 25	17°47'46	11♑28	24°22	0♑56	21°52	21°44	18°58	5°13	0°31	8° 9	9° 9	10°18	21°41	12° 5	T 7
F 8	9 14 22	18°48'50	23°17	26° 3	1°58	22°35	21°38	19° 3	5°16	0°33	8° 8	9° 5	10°15	21°48	12° 8	F 8
S 9	9 18 18	19°49'54	5♒ 8	27°44	2°59	23°19	21°33	19° 8	5°19	0°34	8° 6	9° 2	10°12	21°55	12°10	S 9
S 10	9 22 15	20°50'58	17° 3	29°25	4° 2	24° 2	21°27	19°13	5°21	0°36	8° 5	8°59	10° 8	22° 1	12°13	S 10
M11	9 26 11	21°52'02	29° 3	1♓ 6	5° 4	24°46	21°21	19°17	5°24	0°38	8° 4	8°58	10° 5	22° 8	12°15	M11
T 12	9 30 8	22°53'05	11♓11	2°47	6° 7	25°29	21°14	19°22	5°27	0°40	8° 3	8°D58	10° 2	22°15	12°18	T 12
W13	9 34 4	23°54'08	23°27	4°28	7°10	26°13	21° 8	19°26	5°30	0°42	8° 1	8°58	9°59	22°21	12°21	W13
T 14	9 38 1	24°55'10	5♈54	6°10	8°14	26°57	21° 2	19°30	5°33	0°44	8° 0	8°59	9°56	22°28	12°23	T 14
F 15	9 41 58	25°56'11	18°34	7°51	9°18	27°40	20°55	19°35	5°35	0°46	7°59	9° 1	9°52	22°35	12°26	F 15
S 16	9 45 54	26°57'12	1♉30	9°31	10°22	28°24	20°49	19°39	5°38	0°48	7°58	9° 2	9°49	22°41	12°29	S 16
S 17	9 49 51	27°58'12	14°43	11°12	11°26	29° 8	20°42	19°43	5°41	0°50	7°57	9° 3	9°46	22°48	12°31	S 17
M18	9 53 47	28°59'12	28°16	12°51	12°31	29°52	20°35	19°47	5°43	0°52	7°56	9°R 3	9°43	22°55	12°34	M18
T 19	9 57 44	0♓ 0'10	12♊ 9	14°29	13°36	0♒36	20°28	19°51	5°46	0°54	7°54	9° 3	9°40	23° 1	12°37	T 19
W20	10 1 40	1° 1'07	26°23	16° 6	14°41	1°20	20°21	19°55	5°48	0°56	7°53	9° 2	9°37	23° 8	12°40	W20
T 21	10 5 37	2° 2'04	10♋55	17°42	15°46	2° 4	20°14	19°58	5°51	0°58	7°52	9° 1	9°33	23°15	12°43	T 21
F 22	10 9 33	3° 2'59	25°42	19°15	16°52	2°48	20° 6	20° 2	5°53	1° 0	7°51	9° 1	9°30	23°21	12°46	F 22
S 23	10 13 30	4° 3'54	10♌37	20°46	17°58	3°32	19°59	20° 6	5°56	1° 2	7°50	9° 0	9°27	23°28	12°49	S 23
S 24	10 17 27	5° 4'48	25°33	22°14	19° 4	4°16	19°52	20° 9	5°58	1° 4	7°49	9° 0	9°24	23°35	12°52	S 24
M25	10 21 23	6° 5'40	10♍21	23°38	20°10	5° 0	19°44	20°13	6° 0	1° 6	7°48	9°D 0	9°21	23°42	12°55	M25
T 26	10 25 20	7° 6'32	24°54	24°58	21°17	5°44	19°37	20°16	6° 2	1° 8	7°47	9° 0	9°18	23°48	12°58	T 26
W27	10 29 16	8° 7'23	9♎ 6	26°14	22°23	6°28	19°29	20°19	6° 5	1°10	7°45	9° 0	9°14	23°55	13° 1	W27
T 28	10 33 13	9° 8'13	22°54	27°23	23°30	7°12	19°21	20°22	6° 7	1°12	7°44	9°R 0	9°11	24° 2	13° 4	T 28
F 29	10 37 9	10♓ 9'03	6♏15	28♓26	24♑37	7♒56	19♍13	20♐25	6♑ 9	1♈15	7♌43	9♓ 0	9♓ 8	24♑ 8	13♈ 7	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 8	14s25	3s57	18s21	2s 5	19s20	3n48	22s40	0s35	4n 1	1n 3	20s53	1n52	23s16	0s 8	0s38	0s50	16n40	1s25	8s 0	7s31	25s29	6n52	2n25
S 2	16 51	19 22	4 37	17 53	2 7	19 24	3 46	22 35	0 36	4 4	1 3	20 53	1 52	23 16	0 8	0 37	0 50	16 40	1 25	8 0	7 32	25 27	6 53	2 24
S 3	16 34	23 21	5 2	17 25	2 8	19 27	3 45	22 30	0 37	4 6	1 4	20 53	1 52	23 16	0 8	0 36	0 50	16 40	1 25	8 0	7 34	25 25	6 54	2 24
M 4	16 16	26 12	5 14	16 54	2 8	19 30	3 43	22 25	0 37	4 8	1 4	20 54	1 52	23 16	0 8	0 36	0 50	16 41	1 25	8 1	7 35	25 24	6 54	2 24
T 5	15 58	27 49	5 11	16 23	2 8	19 33	3 41	22 19	0 38	4 10	1 4	20 54	1 52	23 16	0 8	0 35	0 50	16 41	1 25	8 2	7 36	25 22	6 55	2 24
W 6	15 40	28 8	4 55	15 51	2 8	19 35	3 38	22 13	0 38	4 12	1 4	20 54	1 52	23 16	0 8	0 34	0 50	16 42	1 25	8 3	7 37	25 20	6 56	2 24
T 7	15 22	27 9	4 26	15 17	2 8	19 37	3 36	22 7	0 39	4 15	1 5	20 54	1 52	23 16	0 8	0 33	0 50	16 42	1 25	8 4	7 38	25 19	6 57	2 23
F 8	15 3	24 57	3 46	14 43	2 6	19 39	3 34	22 0	0 40	4 17	1 5	20 55	1 52	23 15	0 8	0 33	0 50	16 42	1 25	8 6	7 40	25 17	6 57	2 23
S 9	14 44	21 40	2 56	14 7	2 5	19 40	3 31	21 54	0 40	4 19	1 5	20 55	1 53	23 15	0 8	0 32	0 50	16 43	1 25	8 7	7 41	25 16	6 58	2 23
S 10	14 25	17 28	1 58	13 30	2 3	19 42	3 29	21 47	0 41	4 22	1 5	20 55	1 53	23 15	0 8	0 31	0 50	16 43	1 25	8 8	7 42	25 14	6 59	2 23
M11	14 6	12 33	0 55	12 52	2 0	19 42	3 26	21 40	0 41	4 24	1 5	20 56	1 53	23 15	0 8	0 31	0 50	16 43	1 25	8 8	7 43	25 12	7 0	2 23
T 12	13 46	7 7	0n12	12 13	1 57	19 43	3 23	21 33	0 42	4 27	1 6	20 56	1 53	23 15	0 8	0 30	0 50	16 44	1 25	8 8	7 44	25 10	7 1	2 23
W13	13 26	1 22	1 19	11 33	1 53	19 42	3 20	21 25	0 43	4 30	1 6	20 56	1 53	23 15	0 8	0 29	0 50	16 44	1 25	8 8	7 46	25 9	7 1	2 22
T 14	13 6	4n32	2 24	10 52	1 49	19 42	3 17	21 17	0 43	4 32	1 6	20 56	1 53	23 15	0 8	0 28	0 50	16 45	1 25	8 8	7 47	25 7	7 2	2 22
F 15	12 46	10 20	3 22	10 10	1 44	19 41	3 14	21 9	0 44	4 35	1 6	20 56	1 53	23 15	0 8	0 27	0 49	16 45	1 24	8 7	7 48	25 5	7 3	2 22
S 16	12 25	15 50	4 12	9 27	1 38	19 40	3 11	21 1	0 44	4 38	1 6	20 57	1 53	23 15	0 8	0 27	0 49	16 45	1 24	8 7	7 49	25 4	7 4	2 22
S 17	12 4	20 43	4 49	8 44	1 32	19 38	3 7	20 53	0 45	4 41	1 6	20 57	1 54	23 15	0 8	0 26	0 49	16 46	1 24	8 7	7 50	25 2	7 5	2 22
M18	11 43	24 39	5 12	8 0	1 25	19 36	3 4	20 45	0 46	4 43	1 7	20 57	1 54	23 14	0 8	0 25	0 49	16 46	1 24	8 6	7 51	25 0	7 6	2 22
T 19	11 22	27 17	5 17	7 15	1 18	19 33	3 0	20 36	0 46	4 46	1 7	20 57	1 54	23 14	0 8	0 24	0 49	16 46	1 24	8 6	7 53	24 59	7 7	2 21
W20	11 1	28 13	5 3	6 30	1 9	19 30	2 57	20 27	0 47	4 49	1 7	20 57	1 54	23 14	0 8	0 24	0 49	16 47	1 24	8 7	7 54	24 57	7 8	2 21
T 21	10 39	27 16	4 29	5 45	1 0	19 26	2 53	20 18	0 47	4 52	1 7	20 57	1 54	23 14	0 8	0 23	0 49	16 47	1 24	8 7	7 55	24 55	7 9	2 21
F 22	10 18	24 23	3 38	4 59	0 50	19 22	2 50	20 8	0 48	4 55	1 7	20 57	1 54	23 14	0 8	0 22	0 49	16 47	1 24	8 7	7 56	24 53	7 10	2 21
S 23	9 56	19 51	2 31	4 14	0 39	19 18	2 46	19 59	0 49	4 58	1 7	20 58	1 54	23 14	0 8	0 21	0 49	16 48	1 24	8 8	7 57	24 52	7 11	2 21
S 24	9 34	14 3	1 14	3 29	0 28	19 13	2 42	19 49	0 49	5 1	1 8	20 58	1 55	23 14	0 8	0 20	0 49	16 48	1 24	8 8	7 59	24 50	7 12	2 21
M25	9 12	7 30	0s 8	2 45	0 16	19 7	2 38	19 39	0 50	5 4	1 8	20 58	1 55	23 14	0 8	0 19	0 49	16 49	1 24	8 8	8 0	24 48	7 13	2 21
T 26	8 49	0 40	1 27	2 1	0 3	19 1	2 34	19 29	0 50	5 7	1 8	20 58	1 55	23 14	0 8	0 19	0 49	16 49	1 24	8 8	8 1	24 46	7 14	2 20
W27	8 27	6s 2	2 40	1 19	0n11	18 55	2 30	19 19	0 51	5 10	1 8	20 58	1 55	23 14	0 8	0 18	0 49	16 49	1 24	8 8	8 2	24 44	7 15	2 20
T 28	8 4	12 14	3 40	0 39	0 25	18 48	2 26	19 8	0 51	5 13	1 8	20 58	1 55	23 14	0 8	0 17	0 49	16 50	1 23	8 8	8 3	24 43	7 16	2 20
F 29	7s42	17s42	4s27	0s 0	0n40	18s40	2n22	18s58	0s52	5n17	1n 8	20s58	1n55	23s13	0s 8	0s16	0s49	16n50	1s23	8s 8	8s 5	24s41	7n17	2n20

Julian Day Number = 3059339.5, Delta T = 02h30m41s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'10, Lahiri = 47°11'11

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

MARCH 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 41 6	11♓ 9'52	19♏12	29♓22	25♉45	8♒41	19°R 6	20♐28	6♉11	1♈17	7°R42	9°R 0	9♓ 5	24♉15	13♈10	S 1
S 2	10 45 2	12°10'40	1♐47	0♈10	26°52	9°25	18♍58	20°31	6°13	1°19	7♌41	8♓59	9° 2	24°22	13°13	S 2
M 3	10 48 59	13°11'27	14° 4	0°49	28° 0	10° 9	18°50	20°34	6°15	1°21	7°40	8°D59	8°58	24°28	13°17	M 3
T 4	10 52 56	14°12'14	26° 7	1°18	29° 8	10°54	18°42	20°36	6°17	1°23	7°39	8°59	8°55	24°35	13°20	T 4
W 5	10 56 52	15°13'00	8♉ 1	1°38	0♒16	11°38	18°34	20°39	6°19	1°25	7°38	9° 0	8°52	24°42	13°23	W 5
T 6	11 0 49	16°13'45	19°51	1°R47	1°24	12°23	18°26	20°41	6°21	1°28	7°37	9° 1	8°49	24°48	13°26	T 6
F 7	11 4 45	17°14'29	1♒40	1°45	2°33	13° 7	18°18	20°44	6°22	1°30	7°37	9° 1	8°46	24°55	13°30	F 7
S 8	11 8 42	18°15'12	13°34	1°33	3°41	13°52	18°10	20°46	6°24	1°32	7°36	9° 2	8°43	25° 2	13°33	S 8
S 9	11 12 38	19°15'54	25°34	1°10	4°50	14°36	18° 2	20°48	6°26	1°34	7°35	9° 3	8°39	25° 8	13°36	S 9
M10	11 16 35	20°16'35	7♓44	0°37	5°58	15°21	17°54	20°50	6°28	1°37	7°34	9°R 3	8°36	25°15	13°40	M10
T 11	11 20 31	21°17'14	20° 5	29♓54	7° 7	16° 6	17°46	20°52	6°29	1°39	7°33	9° 3	8°33	25°22	13°43	T 11
W12	11 24 28	22°17'52	2♈39	29° 4	8°16	16°50	17°39	20°54	6°31	1°41	7°32	9° 2	8°30	25°28	13°47	W12
T 13	11 28 24	23°18'29	15°26	28° 6	9°26	17°35	17°31	20°56	6°32	1°43	7°31	9° 1	8°27	25°35	13°50	T 13
F 14	11 32 21	24°19'05	28°27	27° 4	10°35	18°20	17°23	20°58	6°34	1°46	7°30	8°59	8°24	25°42	13°53	F 14
S 15	11 36 18	25°19'39	11♉42	25°58	11°44	19° 5	17°15	20°59	6°35	1°48	7°30	8°56	8°20	25°48	13°57	S 15
S 16	11 40 14	26°20'11	25°10	24°50	12°54	19°49	17° 7	21° 1	6°36	1°50	7°29	8°54	8°17	25°55	14° 0	S 16
M17	11 44 11	27°20'42	8♊50	23°43	14° 3	20°34	16°59	21° 2	6°38	1°52	7°28	8°52	8°14	26° 2	14° 4	M17
T 18	11 48 7	28°21'11	22°43	22°37	15°13	21°19	16°52	21° 3	6°39	1°55	7°27	8°D51	8°11	26° 9	14° 7	T 18
W19	11 52 4	29°21'38	6♋47	21°34	16°23	22° 4	16°44	21° 4	6°40	1°57	7°27	8°51	8° 8	26°15	14°11	W19
T 20	11 56 0	0♈22'04	21° 1	20°36	17°33	22°49	16°37	21° 5	6°41	1°59	7°26	8°52	8° 4	26°22	14°14	T 20
F 21	11 59 57	1°22'28	5♌24	19°43	18°43	23°34	16°29	21° 6	6°42	2° 2	7°25	8°54	8° 1	26°29	14°18	F 21
S 22	12 3 53	2°22'49	19°51	18°57	19°53	24°19	16°22	21° 7	6°43	2° 4	7°25	8°55	7°58	26°35	14°21	S 22
S 23	12 7 50	3°23'09	4♍19	18°17	21° 3	25° 4	16°14	21° 8	6°44	2° 6	7°24	8°R56	7°55	26°42	14°25	S 23
M24	12 11 47	4°23'27	18°43	17°44	22°13	25°49	16° 7	21° 9	6°45	2° 8	7°23	8°56	7°52	26°49	14°29	M24
T 25	12 15 43	5°23'44	2♎57	17°19	23°24	26°34	16° 0	21° 9	6°46	2°11	7°23	8°54	7°49	26°55	14°32	T 25
W26	12 19 40	6°23'59	16°58	17° 1	24°34	27°19	15°53	21° 9	6°47	2°13	7°22	8°51	7°45	27° 2	14°36	W26
T 27	12 23 36	7°24'12	0♏40	16°50	25°45	28° 4	15°46	21°10	6°48	2°15	7°22	8°47	7°42	27° 9	14°39	T 27
F 28	12 27 33	8°24'24	14° 1	16°D46	26°55	28°49	15°39	21°10	6°48	2°17	7°21	8°42	7°39	27°15	14°43	F 28
S 29	12 31 29	9°24'34	27° 0	16°48	28° 6	29°35	15°32	21°10	6°49	2°20	7°21	8°37	7°36	27°22	14°46	S 29
S 30	12 35 26	10°24'43	9♐39	16°56	29°17	0♓20	15°26	21°R10	6°50	2°22	7°20	8°33	7°33	27°29	14°50	S 30
M31	12 39 22	11♈24'51	21♐59	17♓11	0♓28	1♓ 5	15♍19	21♐10	6♉50	2♈24	7♌20	8♓30	7♓30	27♉35	14♈54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s19	22s10	4s59	0n36	0n55	18s33	2n18	18s47	0s53	5n20	1n 8	20s58	1n55	23s13	0s 8	0s15	0s49	16n50	1s23	8s 8	8s 6	24s39	7n18	2n20
S 2	6 56	25 29	5 15	1 9	1 11	18 24	2 14	18 36	0 53	5 23	1 8	20 58	1 56	23 13	0 8	0 14	0 49	16 51	1 23	8 8	8 7	24 37	7 19	2 20
M 3	6 33	27 31	5 16	1 39	1 27	18 15	2 10	18 24	0 54	5 26	1 9	20 58	1 56	23 13	0 8	0 13	0 49	16 51	1 23	8 8	8 8	24 35	7 21	2 20
T 4	6 10	28 14	5 3	2 6	1 43	18 6	2 6	18 13	0 54	5 29	1 9	20 58	1 56	23 13	0 8	0 13	0 49	16 51	1 23	8 8	8 9	24 34	7 22	2 19
W 5	5 47	27 37	4 38	2 28	1 59	17 56	2 2	18 1	0 55	5 32	1 9	20 58	1 56	23 13	0 8	0 12	0 49	16 52	1 23	8 8	8 10	24 32	7 23	2 19
T 6	5 23	25 44	4 0	2 46	2 15	17 46	1 57	17 50	0 56	5 36	1 9	20 58	1 56	23 13	0 8	0 11	0 49	16 52	1 23	8 7	8 12	24 30	7 24	2 19
F 7	5 0	22 45	3 13	2 59	2 30	17 35	1 53	17 38	0 56	5 39	1 9	20 58	1 56	23 13	0 8	0 10	0 49	16 52	1 23	8 7	8 13	24 28	7 25	2 19
S 8	4 36	18 47	2 17	3 8	2 44	17 24	1 49	17 25	0 57	5 42	1 9	20 58	1 56	23 13	0 8	0 9	0 49	16 53	1 23	8 7	8 14	24 26	7 26	2 19
S 9	4 13	14 3	1 14	3 10	2 57	17 12	1 45	17 13	0 57	5 45	1 9	20 58	1 57	23 13	0 8	0 8	0 49	16 53	1 23	8 6	8 15	24 24	7 28	2 19
M10	3 49	8 43	0 7	3 8	3 9	16 59	1 40	17 1	0 58	5 48	1 9	20 58	1 57	23 13	0 8	0 7	0 49	16 53	1 23	8 6	8 16	24 23	7 29	2 19
T 11	3 25	2 58	1n 1	3 0	3 19	16 47	1 36	16 48	0 58	5 51	1 9	20 58	1 57	23 13	0 8	0 6	0 49	16 53	1 22	8 6	8 18	24 21	7 30	2 19
W12	3 2	2n59	2 7	2 48	3 27	16 34	1 32	16 35	0 59	5 54	1 9	20 58	1 57	23 13	0 8	0 6	0 49	16 54	1 22	8 7	8 19	24 19	7 31	2 18
T 13	2 38	8 55	3 8	2 31	3 33	16 20	1 27	16 22	0 59	5 58	1 9	20 58	1 57	23 13	0 9	0 5	0 49	16 54	1 22	8 7	8 20	24 17	7 32	2 18
F 14	2 14	14 34	4 0	2 9	3 36	16 6	1 23	16 9	1 0	6 1	1 9	20 58	1 57	23 13	0 9	0 4	0 49	16 54	1 22	8 8	8 21	24 15	7 34	2 18
S 15	1 50	19 40	4 41	1 45	3 38	15 51	1 19	15 56	1 1	6 4	1 9	20 58	1 58	23 12	0 9	0 3	0 49	16 55	1 22	8 9	8 22	24 13	7 35	2 18
S 16	1 27	23 51	5 7	1 17	3 37	15 36	1 15	15 42	1 1	6 7	1 9	20 58	1 58	23 12	0 9	0 2	0 49	16 55	1 22	8 10	8 23	24 11	7 36	2 18
M17	1 3	26 46	5 16	0 48	3 33	15 21	1 10	15 29	1 2	6 10	1 10	20 58	1 58	23 12	0 9	0 1	0 49	16 55	1 22	8 10	8 25	24 9	7 37	2 18
T 18	0 39	28 8	5 6	0 17	3 28	15 5	1 6	15 15	1 2	6 13	1 10	20 58	1 58	23 12	0 9	0 0	0 49	16 55	1 22	8 11	8 26	24 7	7 39	2 18
W19	0 15	27 42	4 39	0s14	3 21	14 48	1 2	15 1	1 3	6 16	1 10	20 58	1 58	23 12	0 9	0n 1	0 49	16 56	1 22	8 11	8 27	24 6	7 40	2 18
T 20	0n 9	25 27	3 54	0 45	3 12	14 32	0 57	14 47	1 3	6 19	1 10	20 58	1 58	23 12	0 9	0 2	0 49	16 56	1 22	8 10	8 28	24 4	7 41	2 18
F 21	0 33	21 34	2 54	1 15	3 1	14 14	0 53	14 33	1 4	6 22	1 10	20 58	1 58	23 12	0 9	0 2	0 49	16 56	1 22	8 10	8 29	24 2	7 42	2 18
S 22	0 56	16 22	1 43	1 44	2 49	13 57	0 49	14 19	1 4	6 24	1 10	20 58	1 59	23 12	0 9	0 3	0 50	16 56	1 22	8 9	8 30	24 0	7 44	2 17
S 23	1 20	10 14	0 25	2 11	2 37	13 39	0 45	14 4	1 5	6 27	1 10	20 58	1 59	23 12	0 9	0 4	0 50	16 57	1 21	8 9	8 32	23 58	7 45	2 17
M24	1 44	3 36	0s54	2 36	2 23	13 20	0 41	13 50	1 5	6 30	1 10	20 57	1 59	23 12	0 9	0 5	0 50	16 57	1 21	8 9	8 33	23 56	7 46	2 17
T 25	2 8	3s 8	2 8	2 59	2 9	13 2	0 36	13 35	1 6	6 33	1 10	20 57	1 59	23 12	0 9	0 6	0 50	16 57	1 21	8 10	8 34	23 54	7 47	2 17
W26	2 31	9 35	3 14	3 19	1 55	12 43	0 32	13 20	1 6	6 36	1 10	20 57	1 59	23 12	0 9	0 7	0 50	16 57	1 21	8 11	8 35	23 52	7 49	2 17
T 27	2 55	15 27	4 6	3 36	1 41	12 23	0 28	13 5	1 7	6 38	1 10	20 57	1 59	23 12	0 9	0 8	0 50	16 58	1 21	8 12	8 36	23 50	7 50	2 17
F 28	3 18	20 26	4 44	3 51	1 27	12 3	0 24	12 50	1 7	6 41	1 10	20 57	2 0	23 12	0 9	0 9	0 50	16 58	1 21	8 14	8 37	23 48	7 51	2 17
S 29	3 42	24 17	5 6	4 3	1 12	11 43	0 20	12 35	1 8	6 43	1 10	20 57	2 0	23 12	0 9	0 10	0 50	16 58	1 21	8 16	8 39	23 46	7 53	2 17
S 30	4 5	26 51	5 12	4 13	0 58	11 22	0 16	12 20	1 9	6 46	1 10	20 57	2 0	23 12	0 9	0 10	0 50	16 58	1 21	8 18	8 40	23 44	7 54	2 17
M31	4n29	28s 3	5s 4	4s20	0n45	11s 1	0n12	12s 4	1s 9	6n48	1n10	20s56	2n 0	23s12	0s 9	0n11	0s50	16n58	1s21	8s19	8s41	23s42	7n55	2n17

Julian Day Number = 3059368.5, Delta T = 02h30m42s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'14, Lahiri = 47°11'15

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

APRIL 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 43 19	12♈24'57	4♉ 5	17♓31	1♓39	1♓50	15°R13	21°R10	6♉51	2♈26	7°R19	8°R28	7♓26	27♉42	14♈57	T 1
W 2	12 47 16	13°25'01	16° 0	17°56	2°50	2°36	15♍ 6	21♐10	6°51	2°29	7♌19	8°D27	7°23	27°49	15° 1	W 2
T 3	12 51 12	14°25'04	27°50	18°26	4° 1	3°21	15° 0	21° 9	6°52	2°31	7°18	8♓28	7°20	27°55	15° 4	T 3
F 4	12 55 9	15°25'06	9♒40	19° 0	5°12	4° 6	14°54	21° 9	6°52	2°33	7°18	8°30	7°17	28° 2	15° 8	F 4
S 5	12 59 5	16°25'05	21°35	19°39	6°23	4°52	14°48	21° 8	6°52	2°35	7°18	8°32	7°14	28° 9	15°12	S 5
S 6	13 3 2	17°25'04	3♓39	20°22	7°34	5°37	14°43	21° 7	6°52	2°38	7°17	8°R33	7°10	28°15	15°15	S 6
M 7	13 6 58	18°25'00	15°57	21° 8	8°46	6°23	14°37	21° 7	6°53	2°40	7°17	8°33	7° 7	28°22	15°19	M 7
T 8	13 10 55	19°24'55	28°30	21°58	9°57	7° 8	14°32	21° 6	6°53	2°42	7°17	8°31	7° 4	28°29	15°23	T 8
W 9	13 14 51	20°24'48	11♈22	22°51	11° 8	7°54	14°26	21° 5	6°53	2°44	7°17	8°27	7° 1	28°35	15°26	W 9
T 10	13 18 48	21°24'39	24°31	23°48	12°20	8°39	14°21	21° 3	6°R53	2°46	7°16	8°21	6°58	28°42	15°30	T 10
F 11	13 22 44	22°24'29	7♉57	24°47	13°32	9°25	14°16	21° 2	6°53	2°49	7°16	8°14	6°55	28°49	15°33	F 11
S 12	13 26 41	23°24'17	21°38	25°48	14°43	10°10	14°11	21° 1	6°53	2°51	7°16	8° 6	6°51	28°55	15°37	S 12
S 13	13 30 38	24°24'02	5♊31	26°52	15°55	10°56	14° 7	21° 0	6°52	2°53	7°16	7°58	6°48	29° 2	15°40	S 13
M14	13 34 34	25°23'46	19°32	27°59	17° 6	11°41	14° 2	20°58	6°52	2°55	7°16	7°52	6°45	29° 9	15°44	M14
T 15	13 38 31	26°23'27	3♋38	29° 8	18°18	12°27	13°58	20°56	6°52	2°57	7°16	7°48	6°42	29°15	15°48	T 15
W16	13 42 27	27°23'07	17°46	0♈19	19°30	13°13	13°54	20°55	6°52	2°59	7°15	7°46	6°39	29°22	15°51	W16
T 17	13 46 24	28°22'44	1♌54	1°32	20°42	13°58	13°50	20°53	6°51	3° 2	7°15	7°D45	6°36	29°29	15°55	T 17
F 18	13 50 20	29°22'18	16° 2	2°47	21°54	14°44	13°46	20°51	6°51	3° 4	7°15	7°46	6°32	29°35	15°58	F 18
S 19	13 54 17	0♉21'51	0♍ 7	4° 4	23° 5	15°29	13°42	20°49	6°50	3° 6	7°D15	7°47	6°29	29°42	16° 2	S 19
S 20	13 58 14	1°21'21	14° 8	5°22	24°17	16°15	13°39	20°47	6°50	3° 8	7°15	7°R47	6°26	29°49	16° 5	S 20
M21	14 2 10	2°20'49	28° 4	6°43	25°29	17° 1	13°36	20°45	6°49	3°10	7°15	7°45	6°23	29°55	16° 9	M21
T 22	14 6 7	3°20'15	11♎52	8° 5	26°41	17°47	13°33	20°43	6°49	3°12	7°15	7°41	6°20	0♒ 2	16°12	T 22
W23	14 10 3	4°19'39	25°30	9°29	27°53	18°32	13°30	20°40	6°48	3°14	7°16	7°34	6°16	0° 9	16°16	W23
T 24	14 14 0	5°19'00	8♏54	10°54	29° 5	19°18	13°27	20°38	6°47	3°16	7°16	7°25	6°13	0°15	16°19	T 24
F 25	14 17 56	6°18'20	22° 3	12°21	0♈17	20° 4	13°25	20°35	6°47	3°18	7°16	7°15	6°10	0°22	16°23	F 25
S 26	14 21 53	7°17'39	4♐55	13°50	1°30	20°50	13°22	20°33	6°46	3°20	7°16	7° 4	6° 7	0°29	16°26	S 26
S 27	14 25 49	8°16'55	17°30	15°20	2°42	21°35	13°20	20°30	6°45	3°22	7°16	6°54	6° 4	0°36	16°29	S 27
M28	14 29 46	9°16'10	29°49	16°51	3°54	22°21	13°18	20°27	6°44	3°24	7°16	6°46	6° 1	0°42	16°33	M28
T 29	14 33 42	10°15'22	11♑54	18°24	5° 6	23° 7	13°16	20°24	6°43	3°26	7°17	6°39	5°57	0°49	16°36	T 29
W30	14 37 39	11♉14'34	23♑49	19♈59	6♈18	23♓53	13♍15	20♐22	6♉42	3♈28	7♌17	6♓36	5♓54	0♒56	16♈40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n52	27s52	4s42	4s25	0n31	10s40	0n 8	11s49	1s10	6n51	1n 9	20s56	2n 0	23s12	0s 9	0n12	0s50	16n59	1s21	8s19	8s42	23s40	7n57	2n17
W 2	5 15	26 23	4 8	4 27	0 18	10 18	0 4	11 33	1 10	6 53	1 9	20 56	2 0	23 12	0 9	0 13	0 50	16 59	1 21	8 20	8 43	23 38	7 58	2 17
T 3	5 38	23 44	3 24	4 27	0 5	9 56	0 1	11 17	1 10	6 55	1 9	20 56	2 0	23 12	0 9	0 14	0 50	16 59	1 20	8 19	8 45	23 36	7 59	2 16
F 4	6 1	20 6	2 31	4 25	0s 7	9 34	0s 3	11 1	1 11	6 58	1 9	20 56	2 1	23 12	0 9	0 15	0 50	16 59	1 20	8 19	8 46	23 34	8 1	2 16
S 5	6 24	15 38	1 31	4 21	0 18	9 12	0 7	10 45	1 11	7 0	1 9	20 56	2 1	23 12	0 9	0 16	0 50	16 59	1 20	8 18	8 47	23 32	8 2	2 16
S 6	6 47	10 30	0 27	4 14	0 30	8 49	0 10	10 29	1 12	7 2	1 9	20 55	2 1	23 12	0 9	0 17	0 50	17 0	1 20	8 18	8 48	23 30	8 3	2 16
M 7	7 9	4 53	0n40	4 6	0 40	8 26	0 14	10 13	1 12	7 4	1 9	20 55	2 1	23 12	0 9	0 17	0 50	17 0	1 20	8 18	8 49	23 28	8 5	2 16
T 8	7 32	1n 2	1 46	3 56	0 51	8 3	0 18	9 57	1 13	7 6	1 9	20 55	2 1	23 12	0 9	0 18	0 50	17 0	1 20	8 18	8 50	23 26	8 6	2 16
W 9	7 54	7 2	2 48	3 44	1 1	7 39	0 21	9 40	1 13	7 8	1 9	20 55	2 1	23 12	0 9	0 19	0 50	17 0	1 20	8 20	8 52	23 24	8 7	2 16
T 10	8 17	12 53	3 43	3 31	1 10	7 15	0 25	9 24	1 14	7 10	1 9	20 55	2 1	23 12	0 9	0 20	0 50	17 0	1 20	8 22	8 53	23 22	8 9	2 16
F 11	8 39	18 14	4 26	3 16	1 19	6 51	0 28	9 7	1 14	7 12	1 9	20 54	2 2	23 12	0 9	0 21	0 50	17 0	1 20	8 25	8 54	23 20	8 10	2 16
S 12	9 1	22 46	4 55	2 59	1 27	6 27	0 31	8 51	1 15	7 14	1 9	20 54	2 2	23 12	0 9	0 22	0 50	17 0	1 20	8 28	8 55	23 18	8 11	2 16
S 13	9 23	26 5	5 8	2 41	1 35	6 2	0 35	8 34	1 15	7 15	1 9	20 54	2 2	23 12	0 9	0 22	0 50	17 1	1 20	8 30	8 56	23 16	8 12	2 16
M14	9 44	27 50	5 2	2 22	1 42	5 38	0 38	8 17	1 16	7 17	1 9	20 54	2 2	23 12	0 9	0 23	0 50	17 1	1 19	8 33	8 57	23 14	8 14	2 16
T 15	10 6	27 48	4 37	2 1	1 49	5 13	0 41	8 0	1 16	7 19	1 9	20 53	2 2	23 12	0 9	0 24	0 50	17 1	1 19	8 34	8 59	23 11	8 15	2 16
W16	10 27	25 58	3 56	1 38	1 55	4 48	0 44	7 43	1 16	7 20	1 8	20 53	2 2	23 12	0 9	0 25	0 50	17 1	1 19	8 35	9 0	23 9	8 16	2 16
T 17	10 48	22 30	3 1	1 15	2 1	4 23	0 47	7 26	1 17	7 22	1 8	20 53	2 2	23 12	0 9	0 26	0 50	17 1	1 19	8 35	9 1	23 7	8 18	2 16
F 18	11 9	17 43	1 54	0 50	2 6	3 57	0 50	7 9	1 17	7 23	1 8	20 53	2 2	23 12	0 9	0 27	0 50	17 1	1 19	8 35	9 2	23 5	8 19	2 16
S 19	11 30	11 59	0 41	0 25	2 11	3 32	0 53	6 52	1 18	7 24	1 8	20 52	2 3	23 12	0 9	0 27	0 50	17 1	1 19	8 35	9 3	23 3	8 20	2 16
S 20	11 51	5 40	0s34	0n 2	2 16	3 6	0 56	6 35	1 18	7 25	1 8	20 52	2 3	23 12	0 9	0 28	0 50	17 1	1 19	8 35	9 4	23 1	8 22	2 16
M21	12 11	0s52	1 47	0 30	2 19	2 40	0 58	6 17	1 18	7 27	1 8	20 52	2 3	23 12	0 9	0 29	0 50	17 1	1 19	8 35	9 6	22 59	8 23	2 15
T 22	12 31	7 18	2 52	0 59	2 23	2 14	1 1	6 0	1 19	7 28	1 8	20 52	2 3	23 12	0 9	0 30	0 50	17 1	1 19	8 37	9 7	22 57	8 24	2 15
W23	12 51	13 18	3 47	1 29	2 26	1 48	1 4	5 43	1 19	7 29	1 8	20 51	2 3	23 13	0 9	0 30	0 50	17 1	1 19	8 39	9 8	22 55	8 26	2 15
T 24	13 11	18 34	4 28	2 0	2 28	1 22	1 6	5 25	1 20	7 30	1 8	20 51	2 3	23 13	0 9	0 31	0 50	17 2	1 19	8 43	9 9	22 52	8 27	2 15
F 25	13 30	22 51	4 54	2 32	2 30	0 56	1 8	5 8	1 20	7 30	1 8	20 51	2 3	23 13	0 9	0 32	0 50	17 2	1 18	8 46	9 10	22 50	8 28	2 15
S 26	13 50	25 54	5 4	3 5	2 32	0 30	1 11	4 50	1 20	7 31	1 7	20 51	2 3	23 13	0 9	0 33	0 50	17 2	1 18	8 50	9 11	22 48	8 29	2 15
S 27	14 9	27 36	4 59	3 38	2 33	0 3	1 13	4 33	1 21	7 32	1 7	20 50	2 4	23 13	0 9	0 34	0 50	17 2	1 18	8 54	9 12	22 46	8 31	2 15
M28	14 27	27 54	4 40	4 12	2 33	0n23	1 15	4 15	1 21	7 33	1 7	20 50	2 4	23 13	0 9	0 34	0 50	17 2	1 18	8 57	9 14	22 44	8 32	2 15
T 29	14 46	26 50	4 9	4 47	2 33	0 49	1 17	3 57	1 21	7 33	1 7	20 50	2 4	23 13	0 9	0 35	0 50	17 2	1 18	8 59	9 15	22 42	8 33	2 15
W30	15n 4	24s33	3s27	5n23	2s33	1n16	1s19	3s40	1s22	7n34	1n 7	20s49	2n 4	23s13	0s 9	0n36	0s50	17n 2	1s18	9s 1	9s16	22s40	8n35	2n15

Julian Day Number = 3059399.5, Delta T = 02h30m43s
Ecliptic obliquity = 23°13'40, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'19, Lahiri = 47°11'19

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

MAY 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 41 36	12♉13'43	5♒39	21♈35	7♈31	24♓39	13°R13	20°R19	6°R41	3♈29	7♌17	6°R34	5♓51	1♒ 2	16♈43	T 1
F 2	14 45 32	13°12'51	17°29	23°13	8°43	25°25	13♍12	20♐15	6♑40	3°31	7°17	6°D34	5°48	1° 9	16°46	F 2
S 3	14 49 29	14°11'57	29°24	24°52	9°55	26°10	13°11	20°12	6°39	3°33	7°18	6♓34	5°45	1°16	16°50	S 3
S 4	14 53 25	15°11'01	11♓29	26°32	11° 8	26°56	13°10	20° 9	6°38	3°35	7°18	6°R34	5°41	1°22	16°53	S 4
M 5	14 57 22	16°10'03	23°50	28°15	12°20	27°42	13° 9	20° 6	6°36	3°37	7°18	6°33	5°38	1°29	16°56	M 5
T 6	15 1 18	17° 9'04	6♈31	29°58	13°32	28°28	13° 9	20° 2	6°35	3°39	7°19	6°29	5°35	1°36	16°59	T 6
W 7	15 5 15	18° 8'03	19°34	1♉43	14°45	29°14	13° 9	19°59	6°34	3°40	7°19	6°23	5°32	1°42	17° 3	W 7
T 8	15 9 11	19° 7'00	3♉ 0	3°30	15°57	29°59	13°D 8	19°55	6°32	3°42	7°20	6°14	5°29	1°49	17° 6	T 8
F 9	15 13 8	20° 5'56	16°48	5°18	17°10	0♈46	13° 9	19°52	6°31	3°44	7°20	6° 4	5°26	1°56	17° 9	F 9
S 10	15 17 5	21° 4'49	0♊55	7° 8	18°22	1°32	13° 9	19°48	6°29	3°46	7°21	5°52	5°22	2° 2	17°12	S 10
S 11	15 21 1	22° 3'41	15°16	8°59	19°35	2°17	13° 9	19°45	6°28	3°47	7°21	5°41	5°19	2° 9	17°15	S 11
M12	15 24 58	23° 2'31	29°43	10°52	20°47	3° 3	13°10	19°41	6°26	3°49	7°22	5°31	5°16	2°16	17°18	M12
T 13	15 28 54	24° 1'19	14♋12	12°46	22° 0	3°49	13°11	19°37	6°25	3°51	7°22	5°24	5°13	2°22	17°21	T 13
W14	15 32 51	25° 0'04	28°36	14°42	23°12	4°35	13°12	19°33	6°23	3°52	7°23	5°19	5°10	2°29	17°24	W14
T 15	15 36 47	25°58'47	12♌52	16°40	24°25	5°21	13°13	19°29	6°21	3°54	7°23	5°17	5° 7	2°36	17°27	T 15
F 16	15 40 44	26°57'28	26°58	18°39	25°38	6° 7	13°14	19°25	6°20	3°55	7°24	5°17	5° 3	2°42	17°30	F 16
S 17	15 44 41	27°56'07	10♍53	20°39	26°50	6°53	13°16	19°21	6°18	3°57	7°25	5°17	5° 0	2°49	17°33	S 17
S 18	15 48 37	28°54'44	24°38	22°41	28° 3	7°39	13°18	19°17	6°16	3°58	7°25	5°16	4°57	2°56	17°36	S 18
M19	15 52 34	29°53'18	8♎12	24°45	29°15	8°25	13°20	19°13	6°14	4° 0	7°26	5°13	4°54	3° 2	17°39	M19
T 20	15 56 30	0♊51'51	21°36	26°49	0♉28	9°10	13°22	19° 9	6°13	4° 1	7°27	5° 7	4°51	3° 9	17°42	T 20
W21	16 0 27	1°50'21	4♏50	28°55	1°41	9°56	13°24	19° 5	6°11	4° 3	7°27	4°59	4°47	3°16	17°45	W21
T 22	16 4 23	2°48'50	17°52	1♊ 2	2°53	10°42	13°27	19° 0	6° 9	4° 4	7°28	4°47	4°44	3°22	17°47	T 22
F 23	16 8 20	3°47'16	0♐42	3°10	4° 6	11°28	13°29	18°56	6° 7	4° 5	7°29	4°34	4°41	3°29	17°50	F 23
S 24	16 12 16	4°45'41	13°19	5°19	5°19	12°14	13°32	18°52	6° 5	4° 7	7°30	4°21	4°38	3°36	17°53	S 24
S 25	16 16 13	5°44'05	25°44	7°28	6°31	13° 0	13°35	18°48	6° 3	4° 8	7°31	4° 8	4°35	3°42	17°55	S 25
M26	16 20 10	6°42'26	7♑55	9°37	7°44	13°46	13°38	18°43	6° 1	4° 9	7°31	3°57	4°32	3°49	17°58	M26
T 27	16 24 6	7°40'46	19°57	11°47	8°57	14°31	13°42	18°39	5°59	4°11	7°32	3°48	4°28	3°56	18° 1	T 27
W28	16 28 3	8°39'05	1♒50	13°56	10° 9	15°17	13°45	18°34	5°57	4°12	7°33	3°42	4°25	4° 2	18° 3	W28
T 29	16 31 59	9°37'22	13°38	16° 5	11°22	16° 3	13°49	18°30	5°55	4°13	7°34	3°39	4°22	4° 9	18° 6	T 29
F 30	16 35 56	10°35'37	25°27	18°13	12°35	16°49	13°53	18°26	5°52	4°14	7°35	3°38	4°19	4°16	18° 8	F 30
S 31	16 39 52	11♊33'51	7♓21	20♊20	13♉48	17♈35	13♍57	18♐21	5♑50	4♈15	7♌36	3♓38	4♓16	4♒22	18♈11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n22	21s14	2s37	6n 0	2s32	1n42	1s21	3s22	1s22	7n34	1n 7	20s49	2n 4	23s13	0s 9	0n36	0s50	17n 2	1s18	9s 1	9s17	22s37	8n36	2n15
F 2	15 40	17 3	1 40	6 37	2 30	2 9	1 23	3 4	1 22	7 34	1 7	20 49	2 4	23 13	0 9	0 37	0 50	17 2	1 18	9 2	9 18	22 35	8 37	2 15
S 3	15 58	12 11	0 38	7 15	2 28	2 35	1 25	2 47	1 23	7 35	1 7	20 48	2 4	23 13	0 9	0 38	0 50	17 2	1 18	9 1	9 19	22 33	8 38	2 15
S 4	16 15	6 47	0n26	7 53	2 26	3 2	1 27	2 29	1 23	7 35	1 6	20 48	2 4	23 13	0 9	0 39	0 50	17 2	1 18	9 1	9 21	22 31	8 40	2 15
M 5	16 32	1 2	1 31	8 32	2 23	3 28	1 28	2 11	1 23	7 35	1 6	20 48	2 4	23 13	0 9	0 39	0 50	17 2	1 18	9 2	9 22	22 29	8 41	2 15
T 6	16 48	4n54	2 32	9 11	2 19	3 55	1 30	1 53	1 24	7 35	1 6	20 47	2 4	23 13	0 9	0 40	0 50	17 2	1 17	9 3	9 23	22 26	8 42	2 15
W 7	17 5	10 47	3 27	9 51	2 15	4 21	1 32	1 35	1 24	7 35	1 6	20 47	2 4	23 13	0 9	0 41	0 50	17 2	1 17	9 5	9 24	22 24	8 43	2 15
T 8	17 21	16 22	4 13	10 31	2 11	4 48	1 33	1 17	1 24	7 35	1 6	20 47	2 4	23 14	0 10	0 41	0 50	17 2	1 17	9 9	9 25	22 22	8 44	2 15
F 9	17 37	21 15	4 45	11 11	2 6	5 14	1 34	1 0	1 24	7 35	1 6	20 47	2 5	23 14	0 10	0 42	0 50	17 2	1 17	9 13	9 26	22 20	8 46	2 15
S 10	17 52	25 3	5 0	11 52	2 1	5 40	1 35	0 42	1 25	7 35	1 6	20 46	2 5	23 14	0 10	0 43	0 50	17 2	1 17	9 17	9 28	22 18	8 47	2 15
S 11	18 7	27 20	4 57	12 33	1 55	6 6	1 37	0 24	1 25	7 34	1 6	20 46	2 5	23 14	0 10	0 43	0 50	17 2	1 17	9 21	9 29	22 15	8 48	2 15
M12	18 22	27 49	4 35	13 14	1 49	6 32	1 38	0 6	1 25	7 34	1 5	20 46	2 5	23 14	0 10	0 44	0 50	17 2	1 17	9 24	9 30	22 13	8 49	2 15
T 13	18 37	26 23	3 55	13 55	1 42	6 58	1 39	0n12	1 25	7 34	1 5	20 45	2 5	23 14	0 10	0 44	0 51	17 2	1 17	9 27	9 31	22 11	8 50	2 15
W14	18 51	23 13	3 1	14 36	1 35	7 24	1 40	0 30	1 26	7 33	1 5	20 45	2 5	23 14	0 10	0 45	0 51	17 1	1 17	9 29	9 32	22 9	8 51	2 15
T 15	19 5	18 39	1 56	15 17	1 27	7 49	1 40	0 47	1 26	7 32	1 5	20 44	2 5	23 14	0 10	0 46	0 51	17 1	1 17	9 29	9 33	22 6	8 53	2 15
F 16	19 18	13 6	0 44	15 57	1 19	8 15	1 41	1 5	1 26	7 32	1 5	20 44	2 5	23 14	0 10	0 46	0 51	17 1	1 17	9 30	9 34	22 4	8 54	2 15
S 17	19 32	6 58	0s30	16 38	1 10	8 40	1 42	1 23	1 26	7 31	1 5	20 44	2 5	23 14	0 10	0 47	0 51	17 1	1 17	9 30	9 36	22 2	8 55	2 15
S 18	19 44	0 35	1 40	17 17	1 1	9 5	1 42	1 41	1 27	7 30	1 5	20 43	2 5	23 14	0 10	0 47	0 51	17 1	1 16	9 30	9 37	22 0	8 56	2 15
M19	19 57	5s45	2 45	17 57	0 52	9 30	1 43	1 59	1 27	7 29	1 4	20 43	2 5	23 15	0 10	0 48	0 51	17 1	1 16	9 31	9 38	21 57	8 57	2 15
T 20	20 9	11 44	3 39	18 35	0 43	9 55	1 43	2 16	1 27	7 28	1 4	20 43	2 5	23 15	0 10	0 48	0 51	17 1	1 16	9 33	9 39	21 55	8 58	2 15
W21	20 21	17 6	4 20	19 12	0 33	10 20	1 44	2 34	1 27	7 27	1 4	20 42	2 5	23 15	0 10	0 49	0 51	17 1	1 16	9 36	9 40	21 53	8 59	2 15
T 22	20 32	21 36	4 47	19 49	0 23	10 44	1 44	2 52	1 27	7 26	1 4	20 42	2 5	23 15	0 10	0 49	0 51	17 1	1 16	9 40	9 41	21 50	9 0	2 15
F 23	20 43	25 0	4 59	20 24	0 12	11 8	1 44	3 9	1 27	7 25	1 4	20 42	2 5	23 15	0 10	0 50	0 51	17 1	1 16	9 45	9 42	21 48	9 1	2 15
S 24	20 54	27 6	4 56	20 58	0 2	11 32	1 44	3 27	1 28	7 24	1 4	20 41	2 5	23 15	0 10	0 51	0 51	17 1	1 16	9 50	9 44	21 46	9 2	2 15
S 25	21 4	27 49	4 39	21 30	0n 9	11 56	1 44	3 44	1 28	7 23	1 4	20 41	2 5	23 15	0 10	0 51	0 51	17 0	1 16	9 54	9 45	21 44	9 3	2 15
M26	21 14	27 9	4 10	22 1	0 19	12 19	1 44	4 2	1 28	7 21	1 3	20 41	2 5	23 15	0 10	0 51	0 51	17 0	1 16	9 58	9 46	21 41	9 4	2 15
T 27	21 24	25 12	3 29	22 29	0 30	12 42	1 44	4 19	1 28	7 20	1 3	20 40	2 5	23 15	0 10	0 52	0 51	17 0	1 16	10 2	9 47	21 39	9 5	2 15
W28	21 33	22 10	2 40	22 56	0 40	13 5	1 44	4 37	1 28	7 19	1 3	20 40	2 5	23 16	0 10	0 52	0 51	17 0	1 16	10 4	9 48	21 37	9 6	2 15
T 29	21 42	18 14	1 44	23 20	0 50	13 28	1 44	4 54	1 28	7 17	1 3	20 40	2 5	23 16	0 10	0 53	0 51	17 0	1 15	10 5	9 49	21 34	9 7	2 15
F 30	21 50	13 36	0 43	23 42	1 0	13 50	1 43	5 11	1 28	7 15	1 3	20 39	2 5	23 16	0 10	0 53	0 51	17 0	1 15	10 5	9 51	21 32	9 8	2 15
S 31	21n58	8s26	0n20	24n 2	1n 9	14n12	1s43	5n29	1s28	7n14	1n 3	20s39	2n 5	23s16	0s10	0n54	0s51	17n 0	1s15	10s 5	9s52	21s30	9n 9	2n15

Julian Day Number = 3059429.5, Delta T = 02h30m44s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'23, Lahiri = 47°11'23

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

JUNE 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 43 49	12♊32'04	19♓26	22♊26	15♉ 1	18♈20	14♍ 1	18°R17	5°R48	4♈17	7♎37	3°R38	4♓13	4♒29	18♈13	S 1
M 2	16 47 45	13°30'15	1♈46	24°30	16°13	19° 6	14° 5	18♐12	5♑46	4°18	7°38	3♓37	4° 9	4°36	18°16	M 2
T 3	16 51 42	14°28'25	14°27	26°32	17°26	19°52	14°10	18° 8	5°44	4°19	7°39	3°33	4° 6	4°42	18°18	T 3
W 4	16 55 39	15°26'34	27°34	28°32	18°39	20°38	14°14	18° 3	5°41	4°20	7°40	3°28	4° 3	4°49	18°20	W 4
T 5	16 59 35	16°24'41	11♉ 7	0♋30	19°52	21°23	14°19	17°58	5°39	4°21	7°41	3°20	4° 0	4°56	18°22	T 5
F 6	17 3 32	17°22'47	25° 7	2°25	21° 5	22° 9	14°24	17°54	5°37	4°22	7°42	3°10	3°57	5° 2	18°25	F 6
S 7	17 7 28	18°20'51	9♊31	4°17	22°18	22°55	14°29	17°49	5°34	4°23	7°43	2°59	3°53	5° 9	18°27	S 7
S 8	17 11 25	19°18'54	24°13	6° 6	23°30	23°40	14°35	17°45	5°32	4°24	7°44	2°48	3°50	5°16	18°29	S 8
M 9	17 15 21	20°16'56	9♋ 4	7°53	24°43	24°26	14°40	17°40	5°30	4°24	7°45	2°39	3°47	5°22	18°31	M 9
T 10	17 19 18	21°14'56	23°57	9°36	25°56	25°11	14°46	17°36	5°27	4°25	7°46	2°32	3°44	5°29	18°33	T 10
W11	17 23 14	22°12'54	8♌43	11°16	27° 9	25°57	14°52	17°31	5°25	4°26	7°47	2°27	3°41	5°36	18°35	W11
T 12	17 27 11	23°10'51	23°15	12°52	28°22	26°43	14°57	17°27	5°22	4°27	7°48	2°26	3°38	5°42	18°37	T 12
F 13	17 31 8	24° 8'46	7♍32	14°25	29°35	27°28	15° 3	17°22	5°20	4°28	7°50	2°D25	3°34	5°49	18°39	F 13
S 14	17 35 4	25° 6'39	21°30	15°55	0♊48	28°14	15°10	17°18	5°18	4°28	7°51	2°R26	3°31	5°55	18°41	S 14
S 15	17 39 1	26° 4'30	5♎10	17°22	2° 1	28°59	15°16	17°13	5°15	4°29	7°52	2°25	3°28	6° 2	18°43	S 15
M16	17 42 57	27° 2'20	18°34	18°45	3°13	29°44	15°22	17° 9	5°13	4°30	7°53	2°23	3°25	6° 9	18°44	M16
T 17	17 46 54	28° 0'08	1♏43	20° 4	4°26	0♉30	15°29	17° 5	5°10	4°30	7°54	2°19	3°22	6°15	18°46	T 17
W18	17 50 50	28°57'55	14°38	21°19	5°39	1°15	15°36	17° 0	5° 8	4°31	7°56	2°12	3°19	6°22	18°48	W18
T 19	17 54 47	29°55'40	27°21	22°32	6°52	2° 0	15°43	16°56	5° 5	4°31	7°57	2° 3	3°15	6°29	18°49	T 19
F 20	17 58 44	0♋53'24	9♐53	23°40	8° 5	2°46	15°50	16°51	5° 3	4°32	7°58	1°53	3°12	6°35	18°51	F 20
S 21	18 2 40	1°51'07	22°14	24°44	9°18	3°31	15°57	16°47	5° 0	4°32	7°59	1°42	3° 9	6°42	18°53	S 21
S 22	18 6 37	2°48'48	4♑25	25°45	10°31	4°16	16° 4	16°43	4°58	4°33	8° 1	1°31	3° 6	6°49	18°54	S 22
M23	18 10 33	3°46'28	16°28	26°42	11°44	5° 1	16°12	16°39	4°55	4°33	8° 2	1°22	3° 3	6°55	18°56	M23
T 24	18 14 30	4°44'07	28°23	27°35	12°57	5°47	16°19	16°34	4°53	4°34	8° 3	1°15	2°59	7° 2	18°57	T 24
W25	18 18 26	5°41'45	10♒13	28°24	14°10	6°32	16°27	16°30	4°50	4°34	8° 5	1°11	2°56	7° 9	18°58	W25
T 26	18 22 23	6°39'22	22° 0	29° 8	15°23	7°17	16°35	16°26	4°48	4°34	8° 6	1° 8	2°53	7°15	19° 0	T 26
F 27	18 26 19	7°36'58	3♓49	29°49	16°36	8° 2	16°42	16°22	4°45	4°35	8° 7	1°D 8	2°50	7°22	19° 1	F 27
S 28	18 30 16	8°34'33	15°42	0♌25	17°49	8°47	16°50	16°18	4°43	4°35	8° 9	1° 9	2°47	7°29	19° 2	S 28
S 29	18 34 13	9°32'08	27°47	0°57	19° 2	9°32	16°59	16°14	4°40	4°35	8°10	1°10	2°44	7°35	19° 3	S 29
M30	18 38 9	10♋29'41	10♈ 6	1♌24	20♊15	10♉17	17♍ 7	16♐10	4♑38	4♈35	8♎11	1°R10	2♓40	7♒42	19♈ 4	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 6	2s53	1n23	24n19	1n18	14n34	1s42	5n46	1s28	7n12	1n 3	20s38	2n 5	23s16	0s10	0n54	0s51	16n59	1s15	10s 5	9s53	21s27	9n10	2n15
M 2	22 13	2n53	2 23	24 34	1 27	14 55	1 42	6 3	1 28	7 10	1 3	20 38	2 5	23 16	0 10	0 54	0 51	16 59	1 15	10 6	9 54	21 25	9 11	2 15
T 3	22 20	8 42	3 18	24 46	1 35	15 16	1 41	6 20	1 28	7 8	1 2	20 38	2 5	23 16	0 10	0 55	0 51	16 59	1 15	10 7	9 55	21 23	9 12	2 15
W 4	22 26	14 20	4 5	24 56	1 42	15 37	1 40	6 37	1 29	7 6	1 2	20 37	2 5	23 16	0 10	0 55	0 51	16 59	1 15	10 9	9 56	21 20	9 13	2 15
T 5	22 32	19 28	4 39	25 3	1 49	15 57	1 40	6 54	1 29	7 5	1 2	20 37	2 5	23 16	0 10	0 56	0 51	16 59	1 15	10 12	9 57	21 18	9 14	2 15
F 6	22 38	23 42	4 59	25 7	1 55	16 17	1 39	7 11	1 29	7 2	1 2	20 37	2 5	23 17	0 10	0 56	0 51	16 59	1 15	10 15	9 59	21 15	9 15	2 15
S 7	22 43	26 37	5 0	25 10	2 0	16 36	1 38	7 28	1 29	7 0	1 2	20 36	2 5	23 17	0 10	0 56	0 51	16 58	1 15	10 19	10 0	21 13	9 16	2 16
S 8	22 48	27 47	4 41	25 10	2 5	16 55	1 37	7 44	1 29	6 58	1 2	20 36	2 5	23 17	0 10	0 57	0 51	16 58	1 15	10 23	10 1	21 11	9 16	2 16
M 9	22 53	26 58	4 3	25 8	2 8	17 14	1 36	8 1	1 29	6 56	1 2	20 36	2 5	23 17	0 10	0 57	0 51	16 58	1 15	10 26	10 2	21 8	9 17	2 16
T 10	22 56	24 14	3 9	25 4	2 11	17 32	1 35	8 17	1 29	6 54	1 2	20 35	2 4	23 17	0 10	0 57	0 51	16 58	1 14	10 29	10 3	21 6	9 18	2 16
W11	23 0	19 54	2 2	24 58	2 13	17 50	1 33	8 34	1 29	6 51	1 1	20 35	2 4	23 17	0 10	0 58	0 51	16 58	1 14	10 30	10 4	21 4	9 19	2 16
T 12	23 3	14 25	0 49	24 50	2 14	18 7	1 32	8 50	1 28	6 49	1 1	20 35	2 4	23 17	0 10	0 58	0 52	16 57	1 14	10 31	10 5	21 1	9 20	2 16
F 13	23 6	8 15	0s27	24 41	2 14	18 24	1 31	9 6	1 28	6 47	1 1	20 34	2 4	23 17	0 10	0 58	0 52	16 57	1 14	10 31	10 7	20 59	9 20	2 16
S 14	23 8	1 49	1 40	24 30	2 13	18 40	1 30	9 22	1 28	6 44	1 1	20 34	2 4	23 17	0 10	0 58	0 52	16 57	1 14	10 31	10 8	20 56	9 21	2 16
S 15	23 10	4s34	2 45	24 17	2 12	18 56	1 28	9 38	1 28	6 42	1 1	20 34	2 4	23 18	0 10	0 59	0 52	16 57	1 14	10 31	10 9	20 54	9 22	2 16
M16	23 12	10 36	3 40	24 4	2 9	19 12	1 27	9 54	1 28	6 39	1 1	20 33	2 4	23 18	0 10	0 59	0 52	16 57	1 14	10 32	10 10	20 52	9 23	2 16
T 17	23 13	16 4	4 22	23 49	2 6	19 27	1 25	10 10	1 28	6 36	1 1	20 33	2 4	23 18	0 10	0 59	0 52	16 56	1 14	10 33	10 11	20 49	9 23	2 16
W18	23 13	20 42	4 50	23 34	2 2	19 41	1 24	10 26	1 28	6 34	1 1	20 33	2 4	23 18	0 10	0 59	0 52	16 56	1 14	10 36	10 12	20 47	9 24	2 16
T 19	23 14	24 18	5 3	23 17	1 57	19 55	1 22	10 41	1 28	6 31	1 0	20 32	2 4	23 18	0 10	0 59	0 52	16 56	1 14	10 39	10 13	20 44	9 25	2 16
F 20	23 13	26 41	5 1	23 0	1 51	20 8	1 20	10 57	1 28	6 28	1 0	20 32	2 4	23 18	0 10	1 0	0 52	16 56	1 14	10 43	10 14	20 42	9 25	2 16
S 21	23 13	27 44	4 45	22 42	1 44	20 21	1 19	11 12	1 28	6 25	1 0	20 32	2 3	23 18	0 10	1 0	0 52	16 55	1 14	10 47	10 16	20 39	9 26	2 16
S 22	23 12	27 25	4 16	22 23	1 36	20 34	1 17	11 27	1 27	6 22	1 0	20 31	2 3	23 18	0 10	1 0	0 52	16 55	1 14	10 50	10 17	20 37	9 26	2 16
M23	23 10	25 47	3 36	22 4	1 28	20 45	1 15	11 43	1 27	6 19	1 0	20 31	2 3	23 18	0 10	1 0	0 52	16 55	1 13	10 54	10 18	20 35	9 27	2 16
T 24	23 9	23 1	2 46	21 45	1 18	20 57	1 13	11 57	1 27	6 16	1 0	20 31	2 3	23 18	0 10	1 0	0 52	16 55	1 13	10 56	10 19	20 32	9 28	2 16
W25	23 6	19 18	1 50	21 25	1 8	21 7	1 11	12 12	1 27	6 13	1 0	20 31	2 3	23 19	0 10	1 0	0 52	16 54	1 13	10 58	10 20	20 30	9 28	2 16
T 26	23 4	14 49	0 49	21 5	0 57	21 17	1 9	12 27	1 27	6 10	1 0	20 30	2 3	23 19	0 10	1 0	0 52	16 54	1 13	10 58	10 21	20 27	9 29	2 16
F 27	23 1	9 48	0n14	20 45	0 46	21 27	1 7	12 42	1 27	6 7	1 0	20 30	2 3	23 19	0 10	1 0	0 52	16 54	1 13	10 59	10 22	20 25	9 29	2 16
S 28	22 57	4 23	1 18	20 25	0 33	21 36	1 5	12 56	1 26	6 4	0 59	20 30	2 3	23 19	0 10	1 0	0 52	16 53	1 13	10 58	10 24	20 22	9 30	2 16
S 29	22 53	1n15	2 19	20 6	0 20	21 44	1 3	13 10	1 26	6 1	0 59	20 30	2 2	23 19	0 10	1 1	0 52	16 53	1 13	10 58	10 25	20 20	9 30	2 16
M30	22n49	6n57	3n14	19n46	0n 6	21n52	1s 1	13n25	1s26	5n57	0n59	20s29	2n 2	23s19	0s10	1n 1	0s52	16n53	1s13	10s58	10s26	20s17	9n31	2n17

Julian Day Number = 3059460.5, Delta T = 02h30m45s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'27, Lahiri = 47°11'28

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

JULY 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 42 6	11♋27'14	22♈45	1♌47	21♊28	11♉ 2	17♍15	16°R 6	4°R35	4°♈36	8♌13	1°R10	2♓37	7♒49	19♈ 5	T 1
W 2	18 46 2	12°24'47	5♉49	2° 6	22°41	11°46	17°24	16♐ 2	4♑33	4°36	8°14	1♓ 7	2°34	7°55	19° 6	W 2
T 3	18 49 59	13°22'19	19°21	2°19	23°54	12°31	17°32	15°59	4°31	4°36	8°16	1° 3	2°31	8° 2	19° 7	T 3
F 4	18 53 55	14°19'50	3♊21	2°29	25° 7	13°16	17°41	15°55	4°28	4°36	8°17	0°57	2°28	8° 9	19° 8	F 4
S 5	18 57 52	15°17'20	17°48	2°33	26°21	14° 1	17°50	15°51	4°26	4°36	8°18	0°50	2°25	8°15	19° 9	S 5
S 6	19 1 48	16°14'50	2♋37	2°R33	27°34	14°45	17°59	15°48	4°23	4°R36	8°20	0°43	2°21	8°22	19°10	S 6
M 7	19 5 45	17°12'20	17°41	2°29	28°47	15°30	18° 8	15°44	4°21	4°36	8°21	0°37	2°18	8°29	19°11	M 7
T 8	19 9 42	18° 9'48	2♌50	2°20	29°59	16°14	18°17	15°41	4°18	4°36	8°23	0°33	2°15	8°35	19°11	T 8
W 9	19 13 38	19° 7'15	17°54	2° 7	1♋13	16°59	18°26	15°37	4°16	4°36	8°24	0°31	2°12	8°42	19°12	W 9
T 10	19 17 35	20° 4'42	2♍45	1°51	2°26	17°43	18°36	15°34	4°14	4°36	8°26	0°D30	2° 9	8°49	19°12	T 10
F 11	19 21 31	21° 2'08	17°17	1°30	3°39	18°27	18°45	15°31	4°11	4°36	8°27	0°31	2° 5	8°55	19°13	F 11
S 12	19 25 28	21°59'32	1♎27	1° 6	4°53	19°12	18°55	15°27	4° 9	4°35	8°29	0°32	2° 2	9° 2	19°13	S 12
S 13	19 29 24	22°56'56	15°13	0°39	6° 6	19°56	19° 4	15°24	4° 7	4°35	8°30	0°33	1°59	9° 9	19°14	S 13
M14	19 33 21	23°54'19	28°37	0° 9	7°19	20°40	19°14	15°21	4° 4	4°35	8°32	0°R34	1°56	9°15	19°14	M14
T 15	19 37 18	24°51'41	11♏40	29♋38	8°32	21°24	19°24	15°18	4° 2	4°35	8°33	0°32	1°53	9°22	19°15	T 15
W16	19 41 14	25°49'02	24°26	29° 4	9°45	22° 8	19°34	15°15	4° 0	4°34	8°35	0°29	1°50	9°29	19°15	W16
T 17	19 45 11	26°46'23	6♐56	28°30	10°59	22°52	19°44	15°13	3°58	4°34	8°36	0°25	1°46	9°35	19°15	T 17
F 18	19 49 7	27°43'43	19°15	27°55	12°12	23°36	19°54	15°10	3°55	4°34	8°38	0°20	1°43	9°42	19°15	F 18
S 19	19 53 4	28°41'02	1♑23	27°21	13°25	24°20	20° 4	15° 7	3°53	4°33	8°39	0°15	1°40	9°49	19°15	S 19
S 20	19 57 0	29°38'21	13°23	26°47	14°39	25° 4	20°14	15° 5	3°51	4°33	8°41	0° 9	1°37	9°55	19°15	S 20
M21	20 0 57	0♌35'39	25°17	26°14	15°52	25°47	20°25	15° 2	3°49	4°32	8°42	0° 5	1°34	10° 2	19°R15	M21
T 22	20 4 53	1°32'57	7♒ 8	25°43	17° 5	26°31	20°35	15° 0	3°47	4°32	8°44	0° 2	1°31	10° 9	19°15	T 22
W23	20 8 50	2°30'14	18°56	25°15	18°18	27°15	20°45	14°57	3°45	4°31	8°45	29♒59	1°27	10°15	19°15	W23
T 24	20 12 47	3°27'32	0♓44	24°49	19°32	27°58	20°56	14°55	3°43	4°31	8°47	29°D59	1°24	10°22	19°15	T 24
F 25	20 16 43	4°24'49	12°35	24°27	20°45	28°41	21° 7	14°53	3°41	4°30	8°48	29°59	1°21	10°28	19°15	F 25
S 26	20 20 40	5°22'06	24°33	24° 9	21°59	29°25	21°17	14°51	3°39	4°29	8°50	0♓ 1	1°18	10°35	19°15	S 26
S 27	20 24 36	6°19'23	6♈40	23°55	23°12	0♊ 8	21°28	14°49	3°37	4°29	8°52	0° 3	1°15	10°42	19°14	S 27
M28	20 28 33	7°16'40	19° 1	23°45	24°25	0°51	21°39	14°47	3°35	4°28	8°53	0° 4	1°11	10°48	19°14	M28
T 29	20 32 29	8°13'57	1♉40	23°40	25°39	1°34	21°50	14°45	3°33	4°27	8°55	0° 5	1° 8	10°55	19°13	T 29
W30	20 36 26	9°11'14	14°41	23°D39	26°52	2°17	22° 1	14°44	3°31	4°27	8°56	0°R 5	1° 5	11° 2	19°13	W30
T 31	20 40 22	10♌ 8'32	28♉ 7	23♋44	28♋ 6	3♊ 0	22♍12	14♐42	3♑29	4°♈26	8♌58	0♓ 4	1♓ 2	11♒ 8	19♈12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n44	12n31	4n 2	19n27	0s 9	21n59	0s59	13n39	1s26	5n54	0n59	20s29	2n 2	23s19	0s10	1n 1	0s52	16n53	1s13	10s58	10s27	20s15	9n31	2n17
W 2	22 39	17 44	4 39	19 8	0 24	22 5	0 56	13 53	1 25	5 51	0 59	20 29	2 2	23 19	0 10	1 1	0 52	16 52	1 13	10 59	10 28	20 12	9 32	2 17
T 3	22 34	22 15	5 2	18 50	0 39	22 11	0 54	14 6	1 25	5 47	0 59	20 29	2 2	23 19	0 10	1 1	0 52	16 52	1 13	11 0	10 29	20 10	9 32	2 17
F 4	22 28	25 41	5 8	18 32	0 55	22 16	0 52	14 20	1 25	5 44	0 59	20 28	2 2	23 19	0 10	1 1	0 52	16 52	1 13	11 2	10 30	20 7	9 32	2 17
S 5	22 22	27 34	4 55	18 15	1 12	22 21	0 50	14 33	1 24	5 40	0 59	20 28	2 1	23 20	0 10	1 1	0 52	16 51	1 13	11 5	10 31	20 5	9 33	2 17
S 6	22 15	27 34	4 22	17 58	1 29	22 25	0 47	14 47	1 24	5 37	0 59	20 28	2 1	23 20	0 10	1 1	0 52	16 51	1 13	11 7	10 33	20 2	9 33	2 17
M 7	22 8	25 33	3 31	17 43	1 46	22 28	0 45	15 0	1 24	5 33	0 59	20 28	2 1	23 20	0 10	1 1	0 52	16 51	1 12	11 9	10 34	20 0	9 33	2 17
T 8	22 0	21 42	2 24	17 28	2 3	22 31	0 43	15 13	1 24	5 30	0 58	20 28	2 1	23 20	0 10	1 0	0 52	16 51	1 12	11 11	10 35	19 57	9 34	2 17
W 9	21 53	16 25	1 8	17 14	2 20	22 33	0 40	15 26	1 23	5 26	0 58	20 27	2 1	23 20	0 10	1 0	0 53	16 50	1 12	11 12	10 36	19 55	9 34	2 17
T 10	21 44	10 13	0s12	17 2	2 37	22 34	0 38	15 38	1 23	5 22	0 58	20 27	2 1	23 20	0 10	1 0	0 53	16 50	1 12	11 12	10 37	19 52	9 34	2 17
F 11	21 36	3 36	1 30	16 50	2 53	22 35	0 36	15 51	1 22	5 18	0 58	20 27	2 0	23 20	0 10	1 0	0 53	16 50	1 12	11 12	10 38	19 50	9 34	2 17
S 12	21 27	3s 2	2 40	16 40	3 9	22 35	0 33	16 3	1 22	5 15	0 58	20 27	2 0	23 20	0 10	1 0	0 53	16 49	1 12	11 11	10 39	19 47	9 35	2 17
S 13	21 18	9 19	3 39	16 30	3 24	22 35	0 31	16 15	1 22	5 11	0 58	20 27	2 0	23 20	0 10	1 0	0 53	16 49	1 12	11 11	10 41	19 45	9 35	2 17
M14	21 8	15 1	4 25	16 22	3 39	22 34	0 28	16 27	1 21	5 7	0 58	20 27	2 0	23 20	0 10	1 0	0 53	16 49	1 12	11 11	10 42	19 42	9 35	2 17
T 15	20 58	19 53	4 55	16 15	3 53	22 32	0 26	16 39	1 21	5 3	0 58	20 27	2 0	23 20	0 10	1 0	0 53	16 48	1 12	11 11	10 43	19 39	9 35	2 17
W16	20 48	23 43	5 10	16 9	4 5	22 29	0 23	16 51	1 20	4 59	0 58	20 26	1 59	23 20	0 10	1 0	0 53	16 48	1 12	11 12	10 44	19 37	9 35	2 17
T 17	20 37	26 22	5 10	16 5	4 17	22 26	0 21	17 2	1 20	4 55	0 58	20 26	1 59	23 20	0 10	0 59	0 53	16 48	1 12	11 14	10 45	19 34	9 36	2 17
F 18	20 26	27 42	4 55	16 2	4 27	22 22	0 18	17 13	1 20	4 51	0 58	20 26	1 59	23 21	0 10	0 59	0 53	16 47	1 12	11 15	10 46	19 32	9 36	2 17
S 19	20 14	27 40	4 27	16 0	4 36	22 18	0 16	17 25	1 19	4 47	0 58	20 26	1 59	23 21	0 10	0 59	0 53	16 47	1 12	11 17	10 47	19 29	9 36	2 17
S 20	20 3	26 20	3 48	15 59	4 43	22 13	0 13	17 35	1 19	4 43	0 57	20 26	1 59	23 21	0 10	0 59	0 53	16 47	1 12	11 19	10 48	19 27	9 36	2 18
M21	19 51	23 49	2 59	15 59	4 49	22 7	0 11	17 46	1 18	4 39	0 57	20 26	1 58	23 21	0 10	0 59	0 53	16 46	1 12	11 21	10 49	19 24	9 36	2 18
T 22	19 38	20 18	2 2	16 0	4 53	22 1	0 8	17 57	1 18	4 35	0 57	20 26	1 58	23 21	0 10	0 58	0 53	16 46	1 11	11 22	10 51	19 21	9 36	2 18
W23	19 26	15 59	1 0	16 3	4 56	21 54	0 6	18 7	1 17	4 31	0 57	20 26	1 58	23 21	0 10	0 58	0 53	16 46	1 11	11 22	10 52	19 19	9 36	2 18
T 24	19 13	11 3	0n 4	16 6	4 57	21 46	0 3	18 17	1 17	4 26	0 57	20 26	1 58	23 21	0 10	0 58	0 53	16 45	1 11	11 23	10 53	19 16	9 36	2 18
F 25	18 59	5 43	1 9	16 10	4 56	21 38	0 1	18 27	1 16	4 22	0 57	20 26	1 58	23 21	0 10	0 58	0 53	16 45	1 11	11 22	10 54	19 14	9 36	2 18
S 26	18 46	0 8	2 11	16 15	4 55	21 29	0n 2	18 37	1 15	4 18	0 57	20 26	1 57	23 21	0 10	0 57	0 53	16 45	1 11	11 22	10 55	19 11	9 36	2 18
S 27	18 32	5n31	3 9	16 21	4 51	21 19	0 4	18 47	1 15	4 14	0 57	20 26	1 57	23 21	0 10	0 57	0 53	16 44	1 11	11 21	10 56	19 8	9 36	2 18
M28	18 17	11 4	3 58	16 27	4 46	21 9	0 7	18 56	1 14	4 9	0 57	20 26	1 57	23 21	0 10	0 57	0 53	16 44	1 11	11 21	10 57	19 6	9 36	2 18
T 29	18 3	16 18	4 38	16 34	4 40	20 59	0 9	19 5	1 14	4 5	0 57	20 26	1 57	23 21	0 10	0 56	0 53	16 44	1 11	11 21	10 58	19 3	9 36	2 18
W30	17 48	20 57	5 4	16 41	4 33	20 47	0 12	19 14	1 13	4 1	0 57	20 26	1 57	23 21	0 10	0 56	0 53	16 43	1 11	11 21	11 0	19 1	9 35	2 18
T 31	17n33	24n41	5n16	16n49	4s25	20n35	0n14	19n23	1s13	3n56	0n57	20s26	1n56	23s21	0s10	0n56	0s53	16n43	1s11	11s21	11s 1	18s58	9n35	2n18

Julian Day Number = 3059490.5, Delta T = 02h30m46s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'31, Lahiri = 47°11'32

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

AUGUST 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 44 19	11♌ 5'50	12♊ 0	23♋53	29♋19	3♊43	22♍23	14°R40	3°R27	4°R25	8♌59	0°R 3	0♓59	11♒15	19°R12	F 1
S 2	20 48 16	12° 3'08	26°19	24° 8	0♌33	4°26	22°35	14♐39	3♉25	4♈24	9° 1	0♓ 0	0°56	11°22	19♈11	S 2
S 3	20 52 12	13° 0'27	11♋ 2	24°28	1°46	5° 9	22°46	14°38	3°24	4°23	9° 2	29♒58	0°52	11°28	19°11	S 3
M 4	20 56 9	13°57'45	26° 3	24°53	3° 0	5°51	22°57	14°36	3°22	4°23	9° 4	29°56	0°49	11°35	19°10	M 4
T 5	21 0 5	14°55'04	11♌13	25°23	4°13	6°34	23° 9	14°35	3°20	4°22	9° 5	29°55	0°46	11°42	19° 9	T 5
W 6	21 4 2	15°52'23	26°24	25°58	5°27	7°16	23°20	14°34	3°19	4°21	9° 7	29°D55	0°43	11°48	19° 8	W 6
T 7	21 7 58	16°49'42	11♍26	26°39	6°41	7°59	23°32	14°33	3°17	4°20	9° 8	29°55	0°40	11°55	19° 7	T 7
F 8	21 11 55	17°47'01	26°10	27°24	7°54	8°41	23°44	14°32	3°16	4°19	9°10	29°55	0°37	12° 2	19° 6	F 8
S 9	21 15 51	18°44'20	10♎32	28°15	9° 8	9°23	23°55	14°32	3°14	4°18	9°12	29°56	0°33	12° 8	19° 5	S 9
S 10	21 19 48	19°41'38	24°29	29°10	10°21	10° 5	24° 7	14°31	3°13	4°17	9°13	29°57	0°30	12°15	19° 4	S 10
M11	21 23 45	20°38'57	7♏59	0♌11	11°35	10°47	24°19	14°30	3°11	4°16	9°15	29°58	0°27	12°22	19° 3	M11
T 12	21 27 41	21°36'16	21° 5	1°16	12°49	11°29	24°31	14°30	3°10	4°15	9°16	29°R58	0°24	12°28	19° 2	T 12
W13	21 31 38	22°33'35	3♐49	2°26	14° 2	12°11	24°43	14°30	3° 8	4°13	9°18	29°58	0°21	12°35	19° 1	W13
T 14	21 35 34	23°30'54	16°14	3°41	15°16	12°52	24°54	14°29	3° 7	4°12	9°19	29°57	0°17	12°42	19° 0	T 14
F 15	21 39 31	24°28'14	28°26	5° 0	16°30	13°34	25° 6	14°29	3° 6	4°11	9°21	29°57	0°14	12°48	18°59	F 15
S 16	21 43 27	25°25'33	10♑26	6°24	17°44	14°15	25°19	14°D29	3° 5	4°10	9°22	29°56	0°11	12°55	18°57	S 16
S 17	21 47 24	26°22'53	22°20	7°52	18°57	14°56	25°31	14°29	3° 4	4° 9	9°24	29°56	0° 8	13° 1	18°56	S 17
M18	21 51 20	27°20'13	4♒ 9	9°25	20°11	15°38	25°43	14°29	3° 2	4° 8	9°25	29°55	0° 5	13° 8	18°54	M18
T 19	21 55 17	28°17'33	15°57	11° 1	21°25	16°19	25°55	14°29	3° 1	4° 6	9°27	29°55	0° 2	13°15	18°53	T 19
W20	21 59 14	29°14'54	27°46	12°42	22°39	17° 0	26° 7	14°30	3° 0	4° 5	9°28	29°D55	29♒58	13°21	18°52	W20
T 21	22 3 10	0♍12'15	9♓39	14°26	23°52	17°41	26°19	14°30	2°59	4° 4	9°29	29°R55	29°55	13°28	18°50	T 21
F 22	22 7 7	1° 9'37	21°38	16°14	25° 6	18°21	26°32	14°31	2°58	4° 3	9°31	29°55	29°52	13°35	18°48	F 22
S 23	22 11 3	2° 7'00	3♈44	18° 5	26°20	19° 2	26°44	14°31	2°57	4° 1	9°32	29°55	29°49	13°41	18°47	S 23
S 24	22 15 0	3° 4'23	16° 1	19°58	27°34	19°43	26°56	14°32	2°57	4° 0	9°34	29°54	29°46	13°48	18°45	S 24
M25	22 18 56	4° 1'48	28°31	21°55	28°48	20°23	27° 9	14°33	2°56	3°58	9°35	29°54	29°43	13°55	18°43	M25
T 26	22 22 53	4°59'13	11♉15	23°53	0♍ 2	21° 3	27°21	14°34	2°55	3°57	9°37	29°54	29°39	14° 1	18°42	T 26
W27	22 26 49	5°56'39	24°18	25°53	1°16	21°43	27°34	14°35	2°54	3°56	9°38	29°53	29°36	14° 8	18°40	W27
T 28	22 30 46	6°54'07	7♊40	27°55	2°30	22°23	27°46	14°36	2°54	3°54	9°39	29°D53	29°33	14°15	18°38	T 28
F 29	22 34 43	7°51'35	21°25	29°58	3°44	23° 3	27°59	14°37	2°53	3°53	9°41	29°53	29°30	14°21	18°36	F 29
S 30	22 38 39	8°49'05	5♋32	2♍ 2	4°58	23°43	28°12	14°38	2°53	3°51	9°42	29°54	29°27	14°28	18°34	S 30
S 31	22 42 36	9♍46'36	19♋59	4♍ 7	6♍12	24♊23	28♍24	14♐40	2♉52	3♈50	9♌44	29♒55	29♒23	14♒35	18♈32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n17	27n 8	5n 9	16n56	4s16	20n23	0n16	19n32	1s12	3n52	0n57	20s26	1n56	23s21	0s10	0n55	0s53	16n43	1s11	11s21	11s 2	18s55	9n35	2n18
S 2	17 2	27 54	4 43	17 4	4 6	20 10	0 19	19 40	1 11	3 47	0 57	20 26	1 56	23 21	0 10	0 55	0 53	16 42	1 11	11 22	11 3	18 53	9 35	2 18
S 3	16 46	26 44	3 59	17 11	3 55	19 56	0 21	19 49	1 11	3 43	0 57	20 26	1 56	23 22	0 10	0 55	0 53	16 42	1 11	11 23	11 4	18 50	9 35	2 18
M 4	16 29	23 39	2 57	17 18	3 43	19 42	0 24	19 57	1 10	3 38	0 57	20 26	1 55	23 22	0 10	0 54	0 53	16 42	1 11	11 24	11 5	18 47	9 34	2 18
T 5	16 13	18 53	1 42	17 25	3 31	19 27	0 26	20 5	1 9	3 34	0 57	20 26	1 55	23 22	0 10	0 54	0 53	16 41	1 11	11 24	11 6	18 45	9 34	2 18
W 6	15 56	12 55	0 19	17 31	3 18	19 12	0 28	20 12	1 9	3 29	0 56	20 26	1 55	23 22	0 10	0 54	0 54	16 41	1 11	11 24	11 7	18 42	9 34	2 18
T 7	15 39	6 14	1s 3	17 37	3 5	18 56	0 30	20 20	1 8	3 25	0 56	20 27	1 55	23 22	0 10	0 53	0 54	16 41	1 11	11 24	11 8	18 40	9 34	2 18
F 8	15 22	0s39	2 21	17 42	2 51	18 39	0 33	20 27	1 7	3 20	0 56	20 27	1 54	23 22	0 10	0 53	0 54	16 40	1 11	11 24	11 10	18 37	9 33	2 18
S 9	15 5	7 19	3 27	17 46	2 37	18 23	0 35	20 34	1 7	3 15	0 56	20 27	1 54	23 22	0 10	0 52	0 54	16 40	1 10	11 24	11 11	18 34	9 33	2 18
S 10	14 47	13 25	4 19	17 49	2 22	18 5	0 37	20 41	1 6	3 11	0 56	20 27	1 54	23 22	0 10	0 52	0 54	16 40	1 10	11 23	11 12	18 32	9 33	2 18
M11	14 29	18 41	4 54	17 51	2 8	17 47	0 39	20 47	1 5	3 6	0 56	20 27	1 54	23 22	0 10	0 51	0 54	16 39	1 10	11 23	11 13	18 29	9 32	2 19
T 12	14 11	22 54	5 13	17 51	1 53	17 29	0 41	20 54	1 4	3 1	0 56	20 27	1 54	23 22	0 10	0 51	0 54	16 39	1 10	11 23	11 14	18 26	9 32	2 19
W13	13 52	25 54	5 17	17 50	1 39	17 10	0 43	21 0	1 4	2 57	0 56	20 28	1 53	23 22	0 10	0 50	0 54	16 38	1 10	11 23	11 15	18 24	9 31	2 19
T 14	13 34	27 34	5 5	17 47	1 24	16 50	0 45	21 6	1 3	2 52	0 56	20 28	1 53	23 22	0 10	0 50	0 54	16 38	1 10	11 23	11 16	18 21	9 31	2 19
F 15	13 15	27 52	4 39	17 43	1 10	16 30	0 47	21 12	1 2	2 47	0 56	20 28	1 53	23 22	0 10	0 50	0 54	16 38	1 10	11 24	11 17	18 18	9 31	2 19
S 16	12 56	26 50	4 2	17 36	0 56	16 10	0 49	21 18	1 1	2 42	0 56	20 28	1 53	23 22	0 11	0 49	0 54	16 37	1 10	11 24	11 18	18 15	9 30	2 19
S 17	12 37	24 35	3 14	17 28	0 42	15 49	0 51	21 23	1 0	2 38	0 56	20 28	1 52	23 22	0 11	0 49	0 54	16 37	1 10	11 24	11 20	18 13	9 30	2 19
M18	12 17	21 17	2 18	17 17	0 28	15 28	0 53	21 28	0 59	2 33	0 56	20 29	1 52	23 22	0 11	0 48	0 54	16 37	1 10	11 24	11 21	18 10	9 29	2 19
T 19	11 58	17 8	1 17	17 4	0 15	15 7	0 55	21 34	0 59	2 28	0 56	20 29	1 52	23 22	0 11	0 48	0 54	16 36	1 10	11 24	11 22	18 7	9 29	2 19
W20	11 38	12 20	0 12	16 49	0 2	14 44	0 57	21 38	0 58	2 23	0 56	20 29	1 52	23 22	0 11	0 47	0 54	16 36	1 10	11 24	11 23	18 5	9 28	2 19
T 21	11 18	7 3	0n54	16 31	0n10	14 22	0 59	21 43	0 57	2 18	0 56	20 30	1 51	23 22	0 11	0 46	0 54	16 36	1 10	11 24	11 24	18 2	9 27	2 19
F 22	10 58	1 29	1 58	16 11	0 22	13 59	1 0	21 48	0 56	2 13	0 56	20 30	1 51	23 22	0 11	0 46	0 54	16 35	1 10	11 24	11 25	17 59	9 27	2 19
S 23	10 38	4n11	2 57	15 48	0 33	13 36	1 2	21 52	0 55	2 9	0 56	20 30	1 51	23 22	0 11	0 45	0 54	16 35	1 10	11 24	11 26	17 57	9 26	2 19
S 24	10 17	9 46	3 49	15 23	0 44	13 12	1 4	21 56	0 54	2 4	0 56	20 30	1 51	23 22	0 11	0 45	0 54	16 35	1 10	11 24	11 27	17 54	9 26	2 19
M25	9 57	15 4	4 31	14 55	0 53	12 48	1 5	22 0	0 53	1 59	0 56	20 31	1 50	23 22	0 11	0 44	0 54	16 34	1 10	11 24	11 28	17 51	9 25	2 19
T 26	9 36	19 50	5 1	14 25	1 2	12 24	1 7	22 3	0 52	1 54	0 56	20 31	1 50	23 22	0 11	0 44	0 54	16 34	1 10	11 25	11 30	17 48	9 24	2 19
W27	9 15	23 47	5 16	13 53	1 10	11 59	1 8	22 7	0 51	1 49	0 56	20 31	1 50	23 22	0 11	0 43	0 54	16 34	1 10	11 25	11 31	17 46	9 24	2 19
T 28	8 54	26 34	5 14	13 18	1 18	11 35	1 9	22 10	0 50	1 44	0 56	20 32	1 50	23 22	0 11	0 43	0 54	16 33	1 10	11 25	11 32	17 43	9 23	2 19
F 29	8 33	27 52	4 55	12 41	1 24	11 9	1 11	22 13	0 49	1 39	0 56	20 32	1 49	23 22	0 11	0 42	0 54	16 33	1 9	11 25	11 33	17 40	9 22	2 19
S 30	8 12	27 25	4 18	12 3	1 29	10 44	1 12	22 16	0 48	1 34	0 56	20 33	1 49	23 22	0 11	0 41	0 54	16 33	1 9	11 25	11 34	17 37	9 22	2 19
S 31	7n50	25n 7	3n24	11n22	1n34	10n18	1n13	22n19	0s47	1n29	0n56	20s33	1n49	23s22	0s11	0n41	0s54	16n33	1s 9	11s24	11s35	17s35	9n21	2n19

Julian Day Number = 3059521.5, Delta T = 02h30m47s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'36, Lahiri = 47°11'36

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

SEPTEMBER 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 46 32	10♍44'08	4♌45	6♍12	7♍26	25♊ 2	28♍37	14♐41	2°R52	3°R49	9♌45	29♒55	29♒20	14♒41	18°R30	M 1
T 2	22 50 29	11°41'41	19°42	8°16	8°40	25°42	28°50	14°43	2♑51	3♈47	9°46	29°56	29°17	14°48	18♈28	T 2
W 3	22 54 25	12°39'15	4♍44	10°20	9°54	26°21	29° 2	14°44	2°51	3°46	9°48	29°R56	29°14	14°55	18°26	W 3
T 4	22 58 22	13°36'50	19°43	12°24	11° 8	27° 0	29°15	14°46	2°51	3°44	9°49	29°55	29°11	15° 1	18°24	T 4
F 5	23 2 18	14°34'26	4♎29	14°27	12°22	27°39	29°28	14°48	2°50	3°43	9°50	29°54	29° 8	15° 8	18°22	F 5
S 6	23 6 15	15°32'03	18°57	16°29	13°36	28°17	29°41	14°50	2°50	3°41	9°52	29°52	29° 4	15°14	18°20	S 6
S 7	23 10 12	16°29'40	3♏ 0	18°30	14°50	28°56	29°53	14°52	2°50	3°39	9°53	29°50	29° 1	15°21	18°18	S 7
M 8	23 14 8	17°27'19	16°37	20°30	16° 4	29°34	0♎ 6	14°54	2°50	3°38	9°54	29°48	28°58	15°28	18°15	M 8
T 9	23 18 5	18°24'58	29°48	22°29	17°18	0♋13	0°19	14°56	2°D50	3°36	9°55	29°47	28°55	15°34	18°13	T 9
W10	23 22 1	19°22'39	12♐35	24°27	18°33	0°51	0°32	14°59	2°50	3°35	9°57	29°46	28°52	15°41	18°11	W10
T 11	23 25 58	20°20'20	25° 0	26°23	19°47	1°29	0°45	15° 1	2°50	3°33	9°58	29°D46	28°49	15°48	18° 9	T 11
F 12	23 29 54	21°18'02	7♑10	28°18	21° 1	2° 7	0°58	15° 4	2°50	3°32	9°59	29°46	28°45	15°54	18° 6	F 12
S 13	23 33 51	22°15'45	19° 8	0♎11	22°15	2°44	1°11	15° 6	2°50	3°30	10° 0	29°48	28°42	16° 1	18° 4	S 13
S 14	23 37 47	23°13'30	0♒58	2° 3	23°29	3°22	1°24	15° 9	2°50	3°28	10° 2	29°49	28°39	16° 8	18° 1	S 14
M15	23 41 44	24°11'15	12°46	3°54	24°43	3°59	1°36	15°12	2°51	3°27	10° 3	29°51	28°36	16°14	17°59	M15
T 16	23 45 41	25° 9'01	24°35	5°43	25°58	4°36	1°49	15°15	2°51	3°25	10° 4	29°R52	28°33	16°21	17°57	T 16
W17	23 49 37	26° 6'48	6♓28	7°31	27°12	5°13	2° 2	15°18	2°51	3°23	10° 5	29°52	28°29	16°28	17°54	W17
T 18	23 53 34	27° 4'36	18°29	9°17	28°26	5°50	2°15	15°21	2°52	3°22	10° 6	29°50	28°26	16°34	17°52	T 18
F 19	23 57 30	28° 2'26	0♈39	11° 3	29°40	6°27	2°28	15°24	2°52	3°20	10° 7	29°48	28°23	16°41	17°49	F 19
S 20	0 1 27	29° 0'17	13° 0	12°46	0♎55	7° 3	2°41	15°27	2°53	3°19	10° 8	29°44	28°20	16°48	17°47	S 20
S 21	0 5 23	29°58'10	25°32	14°29	2° 9	7°39	2°54	15°30	2°53	3°17	10° 9	29°39	28°17	16°54	17°44	S 21
M22	0 9 20	0♎56'04	8♉18	16°10	3°23	8°15	3° 7	15°34	2°54	3°15	10°10	29°34	28°14	17° 1	17°41	M22
T 23	0 13 16	1°54'00	21°16	17°50	4°38	8°51	3°20	15°37	2°55	3°14	10°12	29°29	28°10	17° 7	17°39	T 23
W24	0 17 13	2°51'57	4♊29	19°28	5°52	9°27	3°33	15°41	2°55	3°12	10°13	29°25	28° 7	17°14	17°36	W24
T 25	0 21 9	3°49'57	17°57	21° 5	7° 6	10° 2	3°46	15°44	2°56	3°10	10°14	29°23	28° 4	17°21	17°34	T 25
F 26	0 25 6	4°47'58	1♋39	22°41	8°20	10°37	3°59	15°48	2°57	3° 9	10°15	29°D22	28° 1	17°27	17°31	F 26
S 27	0 29 3	5°46'01	15°36	24°16	9°35	11°12	4°12	15°52	2°58	3° 7	10°16	29°22	27°58	17°34	17°28	S 27
S 28	0 32 59	6°44'06	29°48	25°49	10°49	11°47	4°25	15°56	2°59	3° 5	10°16	29°23	27°55	17°41	17°26	S 28
M29	0 36 56	7°42'12	14♌14	27°22	12° 4	12°22	4°38	16° 0	3° 0	3° 4	10°17	29°24	27°51	17°47	17°23	M29
T 30	0 40 52	8♎40'21	28♌49	28♎53	13♎18	12♋56	4♎51	16♐ 4	3♑ 1	3♈ 2	10♌18	29°R25	27♒48	17♒54	17♈20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n29	21n 6	2n15	10n41	1n38	9n52	1n14	22n22	0s46	1n24	0n56	20s33	1n49	23s22	0s11	0n40	0s54	16n32	1s 9	11s24	11s36	17s32	9n20	2n19
T 2	7 7	15 40	0 56	9 57	1 41	9 25	1 16	22 24	0 45	1 19	0 56	20 34	1 48	23 22	0 11	0 40	0 54	16 32	1 9	11 24	11 37	17 29	9 19	2 19
W 3	6 45	9 17	0s27	9 13	1 43	8 58	1 17	22 26	0 44	1 14	0 56	20 34	1 48	23 22	0 11	0 39	0 54	16 32	1 9	11 24	11 38	17 26	9 19	2 19
T 4	6 23	2 23	1 47	8 27	1 44	8 32	1 18	22 28	0 43	1 9	0 56	20 35	1 48	23 22	0 11	0 38	0 54	16 31	1 9	11 24	11 39	17 24	9 18	2 19
F 5	6 1	4s31	3 0	7 41	1 45	8 4	1 19	22 30	0 42	1 4	0 56	20 35	1 48	23 22	0 11	0 38	0 54	16 31	1 9	11 24	11 41	17 21	9 17	2 19
S 6	5 39	11 3	3 59	6 53	1 44	7 37	1 19	22 32	0 41	0 59	0 56	20 36	1 48	23 22	0 11	0 37	0 54	16 31	1 9	11 25	11 42	17 18	9 16	2 19
S 7	5 17	16 49	4 42	6 6	1 43	7 9	1 20	22 33	0 40	0 54	0 56	20 36	1 47	23 22	0 11	0 37	0 54	16 30	1 9	11 26	11 43	17 15	9 15	2 19
M 8	4 55	21 34	5 8	5 18	1 42	6 42	1 21	22 35	0 39	0 49	0 56	20 36	1 47	23 22	0 11	0 36	0 54	16 30	1 9	11 26	11 44	17 13	9 14	2 19
T 9	4 33	25 4	5 16	4 29	1 40	6 14	1 22	22 36	0 38	0 44	0 56	20 37	1 47	23 22	0 11	0 35	0 54	16 30	1 9	11 27	11 45	17 10	9 14	2 19
W10	4 10	27 12	5 8	3 41	1 37	5 45	1 22	22 37	0 37	0 39	0 56	20 37	1 47	23 22	0 11	0 35	0 54	16 29	1 9	11 27	11 46	17 7	9 13	2 19
T 11	3 48	27 54	4 46	2 52	1 34	5 17	1 23	22 38	0 36	0 34	0 56	20 38	1 46	23 22	0 11	0 34	0 54	16 29	1 9	11 27	11 47	17 4	9 12	2 19
F 12	3 25	27 13	4 11	2 3	1 30	4 49	1 23	22 38	0 34	0 29	0 56	20 38	1 46	23 22	0 11	0 33	0 54	16 29	1 9	11 27	11 48	17 1	9 11	2 19
S 13	3 3	25 17	3 26	1 15	1 26	4 20	1 24	22 39	0 33	0 23	0 56	20 39	1 46	23 22	0 11	0 33	0 54	16 29	1 9	11 27	11 49	16 59	9 10	2 19
S 14	2 40	22 15	2 33	0 26	1 21	3 51	1 24	22 39	0 32	0 18	0 56	20 39	1 46	23 22	0 11	0 32	0 54	16 28	1 9	11 26	11 50	16 56	9 9	2 19
M15	2 17	18 19	1 33	0s22	1 16	3 22	1 25	22 39	0 31	0 13	0 56	20 40	1 45	23 22	0 11	0 31	0 54	16 28	1 9	11 26	11 52	16 53	9 8	2 19
T 16	1 55	13 40	0 29	1 10	1 11	2 53	1 25	22 39	0 30	0 8	0 56	20 41	1 45	23 22	0 11	0 31	0 54	16 28	1 9	11 25	11 53	16 50	9 7	2 19
W17	1 32	8 30	0n36	1 57	1 5	2 24	1 25	22 39	0 28	0 3	0 56	20 41	1 45	23 22	0 11	0 30	0 54	16 28	1 9	11 25	11 54	16 47	9 6	2 19
T 18	1 9	2 58	1 41	2 44	0 59	1 55	1 25	22 39	0 27	0s 2	0 56	20 42	1 45	23 22	0 11	0 29	0 54	16 27	1 9	11 26	11 55	16 45	9 5	2 19
F 19	0 46	2n43	2 41	3 31	0 53	1 26	1 25	22 38	0 26	0 7	0 56	20 42	1 45	23 22	0 11	0 29	0 55	16 27	1 9	11 27	11 56	16 42	9 4	2 19
S 20	0 24	8 23	3 35	4 17	0 47	0 57	1 25	22 38	0 25	0 12	0 56	20 43	1 44	23 22	0 11	0 28	0 55	16 27	1 9	11 28	11 57	16 39	9 3	2 19
S 21	0 1	13 48	4 19	5 3	0 40	0 27	1 25	22 37	0 23	0 17	0 56	20 43	1 44	23 22	0 11	0 27	0 55	16 27	1 9	11 30	11 58	16 36	9 2	2 19
M22	0s22	18 44	4 51	5 48	0 33	0s 2	1 25	22 36	0 22	0 22	0 56	20 44	1 44	23 22	0 11	0 27	0 55	16 26	1 8	11 31	11 59	16 33	9 1	2 19
T 23	0 45	22 53	5 9	6 32	0 26	0 31	1 25	22 35	0 21	0 27	0 56	20 44	1 44	23 22	0 11	0 26	0 55	16 26	1 8	11 33	12 0	16 31	9 0	2 19
W24	1 8	25 56	5 11	7 16	0 18	1 1	1 24	22 34	0 19	0 32	0 56	20 45	1 44	23 22	0 11	0 26	0 55	16 26	1 8	11 34	12 1	16 28	8 59	2 19
T 25	1 31	27 36	4 56	8 0	0 11	1 30	1 24	22 33	0 18	0 38	0 56	20 46	1 43	23 22	0 11	0 25	0 55	16 26	1 8	11 35	12 2	16 25	8 58	2 18
F 26	1 53	27 37	4 24	8 42	0 3	2 0	1 24	22 32	0 17	0 43	0 56	20 46	1 43	23 22	0 11	0 24	0 55	16 25	1 8	11 36	12 4	16 22	8 57	2 18
S 27	2 16	25 54	3 36	9 24	0s 5	2 29	1 23	22 30	0 15	0 48	0 56	20 47	1 43	23 22	0 11	0 24	0 55	16 25	1 8	11 36	12 5	16 19	8 56	2 18
S 28	2 39	22 32	2 34	10 5	0 13	2 59	1 23	22 29	0 14	0 53	0 56	20 47	1 43	23 22	0 11	0 23	0 55	16 25	1 8	11 35	12 6	16 16	8 55	2 18
M29	3 2	17 43	1 22	10 46	0 21	3 28	1 22	22 27	0 12	0 58	0 56	20 48	1 42	23 22	0 11	0 22	0 55	16 25	1 8	11 35	12 7	16 13	8 54	2 18
T 30	3s25	11n50	0n 3	11s26	0s29	3s57	1n21	22n25	0s11	1s 3	0n56	20s49	1n42	23s22	0s11	0n22	0s55	16n24	1s 8	11s35	12s 8	16s11	8n53	2n18

Julian Day Number = 3059552.5, Delta T = 02h30m48s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'40, Lahiri = 47°11'40

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

OCTOBER 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 44 49	9♎38'31	13♍31	0♏22	14♎32	13♋30	5♎ 4	16♐ 8	3♑ 2	3°R 0	10♒19	29°R24	27♒45	18♒ 1	17°R18	W 1
T 2	0 48 45	10°36'43	28°12	1°51	15°47	14° 4	5°17	16°12	3° 3	2♈59	10°20	29♒22	27°42	18° 7	17♈15	T 2
F 3	0 52 42	11°34'56	12♎46	3°18	17° 1	14°38	5°30	16°17	3° 4	2°57	10°21	29°17	27°39	18°14	17°12	F 3
S 4	0 56 38	12°33'11	27° 6	4°44	18°16	15°11	5°43	16°21	3° 5	2°56	10°22	29°11	27°35	18°21	17° 9	S 4
S 5	1 0 35	13°31'28	11♏ 7	6° 9	19°30	15°45	5°56	16°25	3° 7	2°54	10°23	29° 4	27°32	18°27	17° 7	S 5
M 6	1 4 32	14°29'46	24°45	7°32	20°44	16°18	6° 9	16°30	3° 8	2°52	10°23	28°57	27°29	18°34	17° 4	M 6
T 7	1 8 28	15°28'06	7♐58	8°54	21°59	16°50	6°22	16°34	3°10	2°51	10°24	28°50	27°26	18°41	17° 1	T 7
W 8	1 12 25	16°26'28	20°47	10°15	23°13	17°23	6°35	16°39	3°11	2°49	10°25	28°45	27°23	18°47	16°58	W 8
T 9	1 16 21	17°24'51	3♑14	11°34	24°28	17°55	6°48	16°44	3°12	2°48	10°26	28°42	27°20	18°54	16°56	T 9
F 10	1 20 18	18°23'15	15°25	12°52	25°42	18°27	7° 1	16°49	3°14	2°46	10°26	28°D41	27°16	19° 0	16°53	F 10
S 11	1 24 14	19°21'41	27°22	14° 8	26°57	18°58	7°14	16°54	3°16	2°44	10°27	28°41	27°13	19° 7	16°50	S 11
S 12	1 28 11	20°20'09	9♒12	15°23	28°11	19°30	7°26	16°58	3°17	2°43	10°28	28°42	27°10	19°14	16°48	S 12
M13	1 32 7	21°18'37	21° 0	16°36	29°26	20° 1	7°39	17° 3	3°19	2°41	10°28	28°43	27° 7	19°20	16°45	M13
T 14	1 36 4	22°17'08	2♓51	17°47	0♏40	20°31	7°52	17° 9	3°21	2°40	10°29	28°R44	27° 4	19°27	16°42	T 14
W15	1 40 1	23°15'40	14°49	18°57	1°55	21° 2	8° 5	17°14	3°22	2°38	10°30	28°42	27° 0	19°34	16°39	W15
T 16	1 43 57	24°14'13	26°58	20° 4	3° 9	21°32	8°18	17°19	3°24	2°37	10°30	28°38	26°57	19°40	16°37	T 16
F 17	1 47 54	25°12'49	9♈20	21°10	4°23	22° 2	8°30	17°24	3°26	2°35	10°31	28°32	26°54	19°47	16°34	F 17
S 18	1 51 50	26°11'26	21°57	22°13	5°38	22°32	8°43	17°29	3°28	2°34	10°31	28°24	26°51	19°54	16°31	S 18
S 19	1 55 47	27°10'05	4♉50	23°14	6°52	23° 1	8°56	17°35	3°30	2°32	10°32	28°14	26°48	20° 0	16°29	S 19
M20	1 59 43	28° 8'46	17°58	24°12	8° 7	23°30	9° 8	17°40	3°32	2°31	10°32	28° 4	26°45	20° 7	16°26	M20
T 21	2 3 40	29° 7'29	1♊18	25° 8	9°21	23°58	9°21	17°46	3°34	2°29	10°33	27°54	26°41	20°14	16°23	T 21
W22	2 7 36	0♏ 6'14	14°51	26° 1	10°36	24°27	9°33	17°51	3°36	2°28	10°33	27°45	26°38	20°20	16°21	W22
T 23	2 11 33	1° 5'01	28°33	26°50	11°50	24°55	9°46	17°57	3°38	2°27	10°34	27°39	26°35	20°27	16°18	T 23
F 24	2 15 30	2° 3'50	12♋24	27°36	13° 5	25°22	9°59	18° 3	3°40	2°25	10°34	27°35	26°32	20°33	16°15	F 24
S 25	2 19 26	3° 2'42	26°21	28°19	14°19	25°49	10°11	18° 8	3°43	2°24	10°34	27°33	26°29	20°40	16°13	S 25
S 26	2 23 23	4° 1'36	10♌26	28°57	15°34	26°16	10°23	18°14	3°45	2°23	10°35	27°D33	26°26	20°47	16°10	S 26
M27	2 27 19	5° 0'31	24°35	29°31	16°48	26°43	10°36	18°20	3°47	2°21	10°35	27°R33	26°22	20°53	16° 8	M27
T 28	2 31 16	5°59'29	8♍50	0♐ 0	18° 3	27° 9	10°48	18°26	3°49	2°20	10°35	27°33	26°19	21° 0	16° 5	T 28
W29	2 35 12	6°58'30	23° 6	0°24	19°18	27°35	11° 0	18°32	3°52	2°19	10°36	27°31	26°16	21° 7	16° 3	W29
T 30	2 39 9	7°57'32	7♎22	0°42	20°32	28° 0	11°13	18°38	3°54	2°17	10°36	27°26	26°13	21°13	16° 0	T 30
F 31	2 43 5	8♏56'37	21♎33	0♐54	21♏47	28♋25	11♎25	18♐44	3♑57	2♈16	10♌36	27♒18	26♒10	21♒20	15♈58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s47	5n15	1s16	12s 5	0s37	4s26	1n21	22n23	0s10	1s 8	0n56	20s49	1n42	23s22	0s11	0n21	0s55	16n24	1s 8	11s35	12s 9	16s 8	8n52	2n18
T 2	4 10	1s35	2 30	12 43	0 45	4 55	1 20	22 21	0 8	1 13	0 56	20 50	1 42	23 22	0 11	0 20	0 55	16 24	1 8	11 36	12 10	16 5	8 51	2 18
F 3	4 33	8 17	3 33	13 20	0 53	5 25	1 19	22 19	0 7	1 18	0 56	20 51	1 42	23 22	0 11	0 20	0 55	16 24	1 8	11 37	12 11	16 2	8 50	2 18
S 4	4 55	14 26	4 22	13 57	1 1	5 53	1 18	22 17	0 5	1 23	0 57	20 51	1 41	23 22	0 11	0 19	0 55	16 24	1 8	11 39	12 12	15 59	8 48	2 18
S 5	5 18	19 41	4 54	14 32	1 9	6 22	1 17	22 15	0 4	1 28	0 57	20 52	1 41	23 22	0 11	0 18	0 55	16 23	1 8	11 42	12 13	15 56	8 47	2 18
M 6	5 40	23 46	5 8	15 7	1 17	6 51	1 16	22 13	0 2	1 33	0 57	20 52	1 41	23 22	0 11	0 18	0 55	16 23	1 8	11 44	12 14	15 53	8 46	2 18
T 7	6 2	26 27	5 5	15 41	1 25	7 20	1 15	22 10	0 1	1 38	0 57	20 53	1 41	23 22	0 11	0 17	0 55	16 23	1 8	11 47	12 15	15 51	8 45	2 18
W 8	6 25	27 40	4 46	16 14	1 33	7 48	1 14	22 8	0n 1	1 43	0 57	20 54	1 41	23 22	0 11	0 16	0 55	16 23	1 8	11 48	12 17	15 48	8 44	2 18
T 9	6 47	27 26	4 15	16 47	1 41	8 16	1 13	22 5	0 3	1 48	0 57	20 54	1 40	23 22	0 11	0 16	0 55	16 23	1 8	11 49	12 18	15 45	8 43	2 18
F 10	7 9	25 51	3 32	17 18	1 49	8 44	1 12	22 2	0 4	1 53	0 57	20 55	1 40	23 22	0 11	0 15	0 55	16 23	1 8	11 50	12 19	15 42	8 42	2 18
S 11	7 31	23 8	2 41	17 48	1 57	9 12	1 10	22 0	0 6	1 58	0 57	20 56	1 40	23 22	0 11	0 15	0 55	16 22	1 8	11 50	12 20	15 39	8 41	2 17
S 12	7 53	19 27	1 43	18 17	2 4	9 40	1 9	21 57	0 7	2 3	0 57	20 56	1 40	23 22	0 11	0 14	0 55	16 22	1 8	11 49	12 21	15 36	8 40	2 17
M13	8 14	15 2	0 42	18 45	2 12	10 7	1 7	21 54	0 9	2 8	0 57	20 57	1 40	23 22	0 11	0 13	0 55	16 22	1 8	11 49	12 22	15 33	8 38	2 17
T 14	8 36	10 1	0n22	19 13	2 19	10 34	1 6	21 51	0 11	2 13	0 57	20 58	1 40	23 22	0 11	0 13	0 55	16 22	1 8	11 49	12 23	15 30	8 37	2 17
W15	8 58	4 37	1 25	19 39	2 26	11 1	1 4	21 48	0 12	2 18	0 57	20 58	1 39	23 22	0 11	0 12	0 55	16 22	1 8	11 49	12 24	15 27	8 36	2 17
T 16	9 19	1n 2	2 26	20 4	2 33	11 28	1 3	21 45	0 14	2 23	0 57	20 59	1 39	23 22	0 11	0 12	0 55	16 22	1 8	11 51	12 25	15 25	8 35	2 17
F 17	9 40	6 44	3 20	20 28	2 40	11 55	1 1	21 42	0 16	2 28	0 57	21 0	1 39	23 22	0 11	0 11	0 55	16 22	1 8	11 53	12 26	15 22	8 34	2 17
S 18	10 1	12 17	4 5	20 51	2 46	12 21	1 0	21 39	0 18	2 33	0 57	21 0	1 39	23 22	0 11	0 10	0 55	16 22	1 8	11 56	12 27	15 19	8 33	2 17
S 19	10 22	17 24	4 39	21 12	2 53	12 47	0 58	21 36	0 19	2 38	0 58	21 1	1 39	23 21	0 11	0 10	0 55	16 21	1 8	11 59	12 28	15 16	8 32	2 17
M20	10 43	21 49	4 59	21 32	2 59	13 12	0 56	21 33	0 21	2 42	0 58	21 2	1 39	23 21	0 11	0 9	0 55	16 21	1 8	12 3	12 29	15 13	8 31	2 17
T 21	11 4	25 11	5 3	21 51	3 4	13 38	0 54	21 30	0 23	2 47	0 58	21 2	1 38	23 21	0 11	0 9	0 55	16 21	1 7	12 6	12 30	15 10	8 29	2 16
W22	11 25	27 11	4 51	22 9	3 9	14 3	0 52	21 27	0 25	2 52	0 58	21 3	1 38	23 21	0 11	0 8	0 55	16 21	1 7	12 9	12 32	15 7	8 28	2 16
T 23	11 45	27 34	4 21	22 25	3 14	14 27	0 50	21 24	0 27	2 57	0 58	21 4	1 38	23 21	0 11	0 8	0 55	16 21	1 7	12 11	12 33	15 4	8 27	2 16
F 24	12 5	26 15	3 36	22 40	3 18	14 51	0 48	21 21	0 29	3 2	0 58	21 4	1 38	23 21	0 11	0 7	0 55	16 21	1 7	12 12	12 34	15 1	8 26	2 16
S 25	12 25	23 17	2 38	22 53	3 22	15 15	0 46	21 18	0 31	3 6	0 58	21 5	1 38	23 21	0 11	0 7	0 55	16 21	1 7	12 13	12 35	14 58	8 25	2 16
S 26	12 45	18 55	1 30	23 5	3 25	15 39	0 44	21 15	0 33	3 11	0 58	21 6	1 38	23 21	0 11	0 6	0 55	16 21	1 7	12 13	12 36	14 55	8 24	2 16
M27	13 5	13 27	0 16	23 14	3 27	16 2	0 42	21 12	0 35	3 16	0 58	21 6	1 37	23 21	0 11	0 6	0 55	16 21	1 7	12 13	12 37	14 52	8 23	2 16
T 28	13 24	7 16	1s 0	23 22	3 29	16 25	0 40	21 8	0 36	3 21	0 58	21 7	1 37	23 21	0 11	0 5	0 55	16 21	1 7	12 13	12 38	14 49	8 22	2 16
W29	13 43	0 42	2 11	23 28	3 30	16 47	0 38	21 5	0 38	3 25	0 58	21 8	1 37	23 21	0 11	0 5	0 55	16 21	1 7	12 14	12 39	14 46	8 21	2 16
T 30	14 2	5s53	3 15	23 32	3 30	17 9	0 36	21 2	0 41	3 30	0 58	21 8	1 37	23 21	0 11	0 4	0 55	16 21	1 7	12 15	12 40	14 44	8 20	2 15
F 31	14s21	12s 8	4s 5	23s34	3s29	17s31	0n34	20n59	0n43	3s35	0n59	21s 9	1n37	23s21	0s11	0n 4	0s55	16n21	1s 7	12s18	12s41	14s41	8n19	2n15

Julian Day Number = 3059582.5, Delta T = 02h30m49s
Ecliptic obliquity = 23°13'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'44, Lahiri = 47°11'44

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

NOVEMBER 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 47 2	9♏55'43	5♏34	1°R 0	23♏ 1	28♋49	11♎37	18♐50	3♑59	2°R15	10♌36	27°R 8	26♒ 6	21♒27	15°R55	S 1
S 2	2 50 58	10°54'52	19°21	0♐59	24°16	29°13	11°49	18°56	4° 2	2♈14	10°37	26♒56	26° 3	21°33	15♈53	S 2
M 3	2 54 55	11°54'02	2♐49	0°50	25°30	29°37	12° 1	19° 2	4° 4	2°12	10°37	26°44	26° 0	21°40	15°50	M 3
T 4	2 58 52	12°53'15	15°56	0°33	26°45	0♌ 0	12°13	19° 9	4° 7	2°11	10°37	26°33	25°57	21°47	15°48	T 4
W 5	3 2 48	13°52'29	28°43	0° 8	27°59	0°23	12°25	19°15	4°10	2°10	10°37	26°23	25°54	21°53	15°46	W 5
T 6	3 6 45	14°51'45	11♑ 9	29♏35	29°14	0°45	12°37	19°21	4°12	2° 9	10°37	26°16	25°51	22° 0	15°43	T 6
F 7	3 10 41	15°51'03	23°19	28°54	0♐28	1° 7	12°49	19°28	4°15	2° 8	10°37	26°12	25°47	22° 6	15°41	F 7
S 8	3 14 38	16°50'22	5♒16	28° 5	1°43	1°28	13° 1	19°34	4°18	2° 7	10°37	26°10	25°44	22°13	15°39	S 8
S 9	3 18 34	17°49'43	17° 6	27° 8	2°58	1°49	13°13	19°41	4°20	2° 6	10°R37	26°D10	25°41	22°20	15°37	S 9
M10	3 22 31	18°49'06	28°54	26° 5	4°12	2° 9	13°25	19°47	4°23	2° 5	10°37	26°R10	25°38	22°26	15°35	M10
T 11	3 26 28	19°48'30	10♓46	24°56	5°27	2°29	13°36	19°54	4°26	2° 4	10°37	26° 9	25°35	22°33	15°32	T 11
W12	3 30 24	20°47'56	22°46	23°44	6°41	2°48	13°48	20° 0	4°29	2° 3	10°37	26° 7	25°32	22°40	15°30	W12
T 13	3 34 21	21°47'24	5♈ 0	22°30	7°56	3° 7	13°59	20° 7	4°32	2° 2	10°37	26° 2	25°28	22°46	15°28	T 13
F 14	3 38 17	22°46'53	17°32	21°16	9°10	3°25	14°11	20°14	4°35	2° 1	10°37	25°55	25°25	22°53	15°26	F 14
S 15	3 42 14	23°46'24	0♉22	20° 5	10°25	3°43	14°22	20°20	4°38	2° 0	10°37	25°44	25°22	23° 0	15°24	S 15
S 16	3 46 10	24°45'57	13°33	18°58	11°39	4° 0	14°33	20°27	4°41	1°59	10°37	25°32	25°19	23° 6	15°22	S 16
M17	3 50 7	25°45'32	27° 3	17°58	12°54	4°17	14°45	20°34	4°44	1°59	10°36	25°20	25°16	23°13	15°20	M17
T 18	3 54 3	26°45'09	10♊50	17° 6	14° 8	4°33	14°56	20°40	4°47	1°58	10°36	25° 7	25°12	23°20	15°18	T 18
W19	3 58 0	27°44'48	24°49	16°24	15°23	4°48	15° 7	20°47	4°50	1°57	10°36	24°56	25° 9	23°26	15°17	W19
T 20	4 1 57	28°44'29	8♋55	15°52	16°38	5° 3	15°18	20°54	4°53	1°56	10°36	24°48	25° 6	23°33	15°15	T 20
F 21	4 5 53	29°44'12	23° 5	15°32	17°52	5°17	15°29	21° 1	4°57	1°56	10°36	24°43	25° 3	23°40	15°13	F 21
S 22	4 9 50	0♐43'58	7♌16	15°D24	19° 7	5°30	15°40	21° 8	5° 0	1°55	10°35	24°40	25° 0	23°46	15°11	S 22
S 23	4 13 46	1°43'45	21°25	15°26	20°21	5°43	15°51	21°15	5° 3	1°54	10°35	24°39	24°57	23°53	15°10	S 23
M24	4 17 43	2°43'34	5♍31	15°40	21°36	5°55	16° 1	21°22	5° 6	1°54	10°35	24°39	24°53	23°59	15° 8	M24
T 25	4 21 39	3°43'26	19°33	16° 4	22°50	6° 7	16°12	21°29	5° 9	1°53	10°34	24°39	24°50	24° 6	15° 6	T 25
W26	4 25 36	4°43'20	3♎30	16°37	24° 5	6°17	16°23	21°36	5°13	1°53	10°34	24°36	24°47	24°13	15° 5	W26
T 27	4 29 32	5°43'15	17°22	17°19	25°19	6°27	16°33	21°43	5°16	1°52	10°33	24°31	24°44	24°19	15° 3	T 27
F 28	4 33 29	6°43'13	1♏ 7	18° 9	26°34	6°37	16°44	21°50	5°19	1°52	10°33	24°23	24°41	24°26	15° 2	F 28
S 29	4 37 26	7°43'13	14°42	19° 6	27°49	6°45	16°54	21°57	5°23	1°51	10°33	24°12	24°38	24°33	15° 1	S 29
S 30	4 41 22	8♐43'15	28♏ 6	20♏ 8	29♐ 3	6♌53	17♎ 4	22♐ 4	5♑26	1♈51	10♌32	24♒ 0	24♒34	24♒39	14♈59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s40	17s40	4s41	23s33	3s26	17s52	0n31	20n57	0n45	3s39	0n59	21s 9	1n37	23s21	0s11	0n 3	0s55	16n21	1s 7	12s22	12s42	14s38	8n18	2n15
S 2	14 58	22 12	4 59	23 29	3 23	18 12	0 29	20 54	0 47	3 44	0 59	21 10	1 36	23 21	0 11	0 3	0 54	16 21	1 7	12 26	12 43	14 35	8 16	2 15
M 3	15 16	25 26	5 0	23 23	3 18	18 32	0 27	20 51	0 49	3 48	0 59	21 11	1 36	23 20	0 11	0 2	0 54	16 21	1 7	12 30	12 44	14 32	8 15	2 15
T 4	15 34	27 13	4 45	23 13	3 12	18 52	0 24	20 48	0 51	3 53	0 59	21 11	1 36	23 20	0 11	0 2	0 54	16 21	1 7	12 33	12 45	14 29	8 14	2 15
W 5	15 52	27 29	4 15	23 0	3 4	19 11	0 22	20 45	0 53	3 58	0 59	21 12	1 36	23 20	0 11	0 1	0 54	16 21	1 7	12 37	12 47	14 26	8 13	2 15
T 6	16 9	26 20	3 35	22 44	2 55	19 29	0 20	20 43	0 55	4 2	0 59	21 13	1 36	23 20	0 11	0 1	0 54	16 21	1 7	12 39	12 48	14 23	8 12	2 14
F 7	16 26	23 56	2 45	22 24	2 44	19 47	0 17	20 40	0 58	4 6	0 59	21 13	1 36	23 20	0 11	0 0	0 54	16 21	1 7	12 40	12 49	14 20	8 11	2 14
S 8	16 43	20 32	1 48	22 1	2 31	20 5	0 15	20 38	1 0	4 11	0 59	21 14	1 36	23 20	0 11	0 0	0 54	16 21	1 7	12 41	12 50	14 17	8 10	2 14
S 9	17 0	16 20	0 48	21 34	2 17	20 22	0 12	20 35	1 2	4 15	1 0	21 15	1 36	23 20	0 11	0s 0	0 54	16 21	1 7	12 41	12 51	14 14	8 9	2 14
M10	17 16	11 32	0n15	21 3	2 0	20 38	0 10	20 33	1 4	4 20	1 0	21 15	1 35	23 20	0 11	0 1	0 54	16 21	1 7	12 41	12 52	14 11	8 8	2 14
T 11	17 32	6 17	1 17	20 30	1 43	20 54	0 7	20 31	1 7	4 24	1 0	21 16	1 35	23 20	0 11	0 1	0 54	16 21	1 7	12 41	12 53	14 8	8 7	2 14
W12	17 48	0 46	2 16	19 54	1 24	21 9	0 5	20 29	1 9	4 28	1 0	21 16	1 35	23 20	0 11	0 1	0 54	16 21	1 7	12 42	12 54	14 5	8 7	2 14
T 13	18 3	4n53	3 10	19 16	1 4	21 24	0 2	20 27	1 12	4 33	1 0	21 17	1 35	23 20	0 11	0 2	0 54	16 21	1 7	12 44	12 55	14 2	8 6	2 13
F 14	18 18	10 28	3 56	18 37	0 43	21 38	0s 0	20 25	1 14	4 37	1 0	21 18	1 35	23 20	0 11	0 2	0 54	16 21	1 7	12 46	12 56	13 59	8 5	2 13
S 15	18 33	15 45	4 32	17 58	0 23	21 52	0 3	20 23	1 16	4 41	1 0	21 18	1 35	23 19	0 11	0 3	0 54	16 21	1 7	12 50	12 57	13 56	8 4	2 13
S 16	18 47	20 26	4 54	17 21	0 2	22 4	0 5	20 22	1 19	4 45	1 0	21 19	1 35	23 19	0 11	0 3	0 54	16 21	1 7	12 54	12 58	13 53	8 3	2 13
M17	19 2	24 12	5 0	16 45	0n17	22 17	0 8	20 20	1 21	4 50	1 1	21 19	1 35	23 19	0 11	0 3	0 54	16 21	1 7	12 58	12 59	13 50	8 2	2 13
T 18	19 15	26 38	4 49	16 13	0 36	22 28	0 11	20 19	1 24	4 54	1 1	21 20	1 34	23 19	0 11	0 3	0 54	16 21	1 7	13 2	13 0	13 47	8 1	2 13
W19	19 29	27 28	4 21	15 44	0 54	22 39	0 13	20 18	1 27	4 58	1 1	21 20	1 34	23 19	0 11	0 4	0 54	16 21	1 7	13 6	13 1	13 44	8 0	2 13
T 20	19 42	26 32	3 37	15 20	1 10	22 49	0 16	20 17	1 29	5 2	1 1	21 21	1 34	23 19	0 11	0 4	0 54	16 21	1 7	13 8	13 2	13 41	7 59	2 12
F 21	19 55	23 53	2 39	15 1	1 24	22 59	0 18	20 16	1 32	5 6	1 1	21 22	1 34	23 19	0 11	0 4	0 54	16 22	1 6	13 10	13 3	13 38	7 59	2 12
S 22	20 7	19 45	1 31	14 46	1 36	23 8	0 21	20 15	1 34	5 10	1 1	21 22	1 34	23 19	0 11	0 4	0 54	16 22	1 6	13 11	13 5	13 35	7 58	2 12
S 23	20 19	14 30	0 17	14 37	1 47	23 16	0 23	20 15	1 37	5 14	1 1	21 23	1 34	23 19	0 11	0 5	0 54	16 22	1 6	13 11	13 6	13 32	7 57	2 12
M24	20 31	8 31	0s57	14 32	1 55	23 24	0 26	20 14	1 40	5 18	1 2	21 23	1 34	23 18	0 11	0 5	0 54	16 22	1 6	13 11	13 7	13 29	7 56	2 12
T 25	20 43	2 9	2 8	14 32	2 2	23 31	0 28	20 14	1 42	5 22	1 2	21 24	1 34	23 18	0 11	0 5	0 54	16 22	1 6	13 12	13 8	13 26	7 55	2 12
W26	20 54	4s17	3 10	14 37	2 8	23 37	0 31	20 14	1 45	5 26	1 2	21 24	1 34	23 18	0 11	0 5	0 54	16 22	1 6	13 12	13 9	13 23	7 55	2 11
T 27	21 4	10 28	4 1	14 45	2 12	23 42	0 34	20 14	1 48	5 30	1 2	21 25	1 34	23 18	0 11	0 6	0 54	16 22	1 6	13 14	13 10	13 20	7 54	2 11
F 28	21 14	16 5	4 37	14 56	2 14	23 47	0 36	20 15	1 51	5 33	1 2	21 25	1 33	23 18	0 11	0 6	0 54	16 22	1 6	13 17	13 11	13 17	7 53	2 11
S 29	21 24	20 50	4 57	15 10	2 15	23 51	0 39	20 15	1 54	5 37	1 2	21 26	1 33	23 18	0 11	0 6	0 54	16 23	1 6	13 20	13 12	13 14	7 53	2 11
S 30	21s34	24s26	5s 0	15s27	2n15	23s54	0s41	20n16	1n57	5s41	1n 3	21s26	1n33	23s18	0s11	0s 6	0s54	16n23	1s 6	13s24	13s13	13s11	7n52	2n11

Julian Day Number = 3059613.5, Delta T = 02h30m50s
Ecliptic obliquity = 23°13'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'48, Lahiri = 47°11'49

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ASTRODIENST EPHEMERIS for the year 3664
geocentric

DECEMBER 3664 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 45 19	9♐43'19	11♐15	21♏17	0♑18	7♌ 0	17♎14	22♐11	5♑30	1°R50	10°R32	23°R47	24♒31	24♒46	14°R58	M 1
T 2	4 49 15	10°43'24	24° 8	22°29	1°32	7° 7	17°24	22°18	5°33	1♈50	10♌31	23♒35	24°28	24°53	14♈57	T 2
W 3	4 53 12	11°43'32	6♑45	23°46	2°47	7°12	17°34	22°25	5°36	1°50	10°31	23°24	24°25	24°59	14°55	W 3
T 4	4 57 8	12°43'40	19° 5	25° 6	4° 1	7°17	17°44	22°32	5°40	1°49	10°30	23°17	24°22	25° 6	14°54	T 4
F 5	5 1 5	13°43'51	1♒12	26°29	5°16	7°21	17°54	22°40	5°43	1°49	10°29	23°12	24°18	25°13	14°53	F 5
S 6	5 5 1	14°44'02	13° 7	27°54	6°30	7°24	18° 3	22°47	5°47	1°49	10°29	23° 9	24°15	25°19	14°52	S 6
S 7	5 8 58	15°44'16	24°56	29°21	7°45	7°26	18°13	22°54	5°50	1°49	10°28	23°D 9	24°12	25°26	14°51	S 7
M 8	5 12 55	16°44'30	6♓43	0♐50	9° 0	7°28	18°22	23° 1	5°54	1°48	10°27	23° 9	24° 9	25°32	14°50	M 8
T 9	5 16 51	17°44'46	18°34	2°20	10°14	7°R28	18°32	23° 8	5°57	1°48	10°27	23°R10	24° 6	25°39	14°49	T 9
W10	5 20 48	18°45'03	0♈33	3°51	11°29	7°28	18°41	23°15	6° 1	1°48	10°26	23° 9	24° 3	25°46	14°48	W10
T 11	5 24 44	19°45'22	12°48	5°23	12°43	7°27	18°50	23°23	6° 5	1°48	10°25	23° 6	23°59	25°52	14°48	T 11
F 12	5 28 41	20°45'42	25°21	6°56	13°58	7°25	18°59	23°30	6° 8	1°D48	10°25	23° 1	23°56	25°59	14°47	F 12
S 13	5 32 37	21°46'03	8♉17	8°29	15°12	7°22	19° 8	23°37	6°12	1°48	10°24	22°54	23°53	26° 6	14°46	S 13
S 14	5 36 34	22°46'26	21°38	10° 3	16°27	7°19	19°17	23°44	6°15	1°48	10°23	22°44	23°50	26°12	14°46	S 14
M15	5 40 30	23°46'50	5♊23	11°37	17°41	7°14	19°25	23°51	6°19	1°48	10°22	22°34	23°47	26°19	14°45	M15
T 16	5 44 27	24°47'16	19°29	13°11	18°56	7° 9	19°34	23°59	6°23	1°49	10°22	22°24	23°44	26°26	14°44	T 16
W17	5 48 24	25°47'43	3♋53	14°46	20°10	7° 3	19°42	24° 6	6°26	1°49	10°21	22°16	23°40	26°32	14°44	W17
T 18	5 52 20	26°48'11	18°26	16°20	21°25	6°56	19°50	24°13	6°30	1°49	10°20	22° 9	23°37	26°39	14°44	T 18
F 19	5 56 17	27°48'41	3♌ 4	17°55	22°39	6°48	19°59	24°20	6°34	1°49	10°19	22° 5	23°34	26°46	14°43	F 19
S 20	6 0 13	28°49'13	17°38	19°29	23°54	6°39	20° 7	24°28	6°37	1°49	10°18	22°D 4	23°31	26°52	14°43	S 20
S 21	6 4 10	29°49'46	2♍ 5	21° 4	25° 8	6°29	20°15	24°35	6°41	1°50	10°17	22° 4	23°28	26°59	14°43	S 21
M22	6 8 6	0♑50'20	16°21	22°39	26°22	6°19	20°22	24°42	6°45	1°50	10°16	22° 5	23°24	27° 6	14°42	M22
T 23	6 12 3	1°50'57	0♎24	24°13	27°37	6° 7	20°30	24°49	6°48	1°50	10°15	22°R 6	23°21	27°12	14°42	T 23
W24	6 16 0	2°51'35	14°14	25°48	28°51	5°55	20°37	24°56	6°52	1°51	10°14	22° 5	23°18	27°19	14°42	W24
T 25	6 19 56	3°52'14	27°52	27°22	0♒ 6	5°42	20°45	25° 3	6°56	1°51	10°13	22° 3	23°15	27°25	14°D42	T 25
F 26	6 23 53	4°52'55	11♏16	28°56	1°20	5°28	20°52	25°11	6°59	1°52	10°13	21°58	23°12	27°32	14°42	F 26
S 27	6 27 49	5°53'38	24°28	0♑31	2°35	5°13	20°59	25°18	7° 3	1°52	10°12	21°51	23° 9	27°39	14°42	S 27
S 28	6 31 46	6°54'22	7♐28	2° 5	3°49	4°58	21° 6	25°25	7° 7	1°53	10°11	21°43	23° 5	27°45	14°42	S 28
M29	6 35 42	7°55'07	20°14	3°39	5° 3	4°42	21°13	25°32	7°10	1°53	10° 9	21°35	23° 2	27°52	14°43	M29
T 30	6 39 39	8°55'54	2♑49	5°13	6°18	4°25	21°20	25°39	7°14	1°54	10° 8	21°27	22°59	27°59	14°43	T 30
W31	6 43 35	9♑56'41	15♑11	6♑47	7♒32	4♌ 7	21♎26	25♐46	7♑18	1♈54	10♌ 7	21♒20	22♒56	28♒ 5	14♈43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s43	26s40	4s47	15s46	2n14	23s57	0s43	20n17	1n59	5s45	1n 3	21s27	1n33	23s18	0s11	0s 6	0s54	16n23	1s 6	13s29	13s14	13s 8	7n51	2n10
T 2	21 51	27 26	4 20	16 6	2 12	23 59	0 46	20 18	2 2	5 48	1 3	21 27	1 33	23 17	0 11	0 6	0 54	16 23	1 6	13 33	13 15	13 5	7 51	2 10
W 3	22 0	26 43	3 40	16 28	2 9	24 0	0 48	20 20	2 5	5 52	1 3	21 28	1 33	23 17	0 11	0 6	0 54	16 23	1 6	13 36	13 16	13 2	7 50	2 10
T 4	22 7	24 42	2 51	16 50	2 6	24 1	0 51	20 21	2 8	5 55	1 3	21 28	1 33	23 17	0 11	0 6	0 54	16 23	1 6	13 38	13 17	12 59	7 49	2 10
F 5	22 15	21 34	1 54	17 13	2 2	24 0	0 53	20 23	2 11	5 59	1 3	21 29	1 33	23 17	0 11	0 7	0 54	16 24	1 6	13 40	13 18	12 56	7 49	2 10
S 6	22 22	17 35	0 53	17 37	1 57	23 59	0 55	20 25	2 14	6 2	1 4	21 29	1 33	23 17	0 11	0 7	0 54	16 24	1 6	13 41	13 19	12 53	7 48	2 10
S 7	22 28	12 57	0n10	18 1	1 52	23 58	0 58	20 28	2 17	6 6	1 4	21 30	1 33	23 17	0 11	0 7	0 54	16 24	1 6	13 41	13 20	12 50	7 48	2 9
M 8	22 34	7 51	1 12	18 25	1 46	23 55	1 0	20 30	2 20	6 9	1 4	21 30	1 33	23 17	0 11	0 7	0 54	16 24	1 6	13 41	13 21	12 47	7 47	2 9
T 9	22 40	2 28	2 11	18 48	1 40	23 52	1 2	20 33	2 24	6 13	1 4	21 31	1 33	23 16	0 11	0 7	0 54	16 24	1 6	13 41	13 22	12 43	7 47	2 9
W10	22 45	3n 4	3 6	19 12	1 34	23 48	1 4	20 36	2 27	6 16	1 4	21 31	1 33	23 16	0 11	0 7	0 54	16 25	1 6	13 41	13 23	12 40	7 46	2 9
T 11	22 50	8 35	3 53	19 34	1 28	23 44	1 7	20 39	2 30	6 19	1 4	21 31	1 33	23 16	0 11	0 7	0 54	16 25	1 6	13 42	13 24	12 37	7 46	2 9
F 12	22 55	13 55	4 30	19 57	1 21	23 38	1 9	20 43	2 33	6 22	1 5	21 32	1 32	23 16	0 11	0 7	0 54	16 25	1 6	13 43	13 25	12 34	7 45	2 8
S 13	22 58	18 48	4 55	20 18	1 14	23 32	1 11	20 47	2 36	6 25	1 5	21 32	1 32	23 16	0 11	0 7	0 54	16 25	1 6	13 46	13 26	12 31	7 45	2 8
S 14	23 2	22 55	5 5	20 39	1 7	23 26	1 13	20 51	2 39	6 29	1 5	21 33	1 32	23 16	0 11	0 7	0 54	16 26	1 6	13 49	13 28	12 28	7 44	2 8
M15	23 5	25 53	4 57	20 59	1 0	23 18	1 15	20 55	2 42	6 32	1 5	21 33	1 32	23 15	0 11	0 7	0 54	16 26	1 6	13 52	13 29	12 25	7 44	2 8
T 16	23 8	27 20	4 32	21 18	0 53	23 10	1 17	20 59	2 45	6 35	1 5	21 33	1 32	23 15	0 11	0 7	0 54	16 26	1 6	13 55	13 30	12 22	7 43	2 8
W17	23 10	26 59	3 49	21 37	0 46	23 1	1 19	21 4	2 48	6 38	1 6	21 34	1 32	23 15	0 11	0 6	0 54	16 26	1 5	13 58	13 31	12 19	7 43	2 8
T 18	23 11	24 47	2 50	21 54	0 38	22 52	1 21	21 9	2 52	6 41	1 6	21 34	1 32	23 15	0 11	0 6	0 54	16 27	1 5	14 0	13 32	12 16	7 43	2 7
F 19	23 13	20 56	1 40	22 10	0 31	22 42	1 22	21 14	2 55	6 43	1 6	21 34	1 32	23 15	0 11	0 6	0 54	16 27	1 5	14 1	13 33	12 13	7 42	2 7
S 20	23 13	15 47	0 24	22 25	0 24	22 31	1 24	21 19	2 58	6 46	1 6	21 35	1 32	23 15	0 11	0 6	0 54	16 27	1 5	14 2	13 34	12 10	7 42	2 7
S 21	23 14	9 48	0s54	22 39	0 17	22 20	1 26	21 24	3 1	6 49	1 6	21 35	1 32	23 14	0 11	0 6	0 54	16 28	1 5	14 2	13 35	12 7	7 42	2 7
M22	23 13	3 23	2 7	22 52	0 10	22 7	1 28	21 30	3 4	6 52	1 7	21 35	1 32	23 14	0 11	0 6	0 54	16 28	1 5	14 1	13 36	12 4	7 42	2 7
T 23	23 13	3s 5	3 12	23 4	0 3	21 55	1 29	21 36	3 7	6 54	1 7	21 36	1 32	23 14	0 11	0 6	0 54	16 28	1 5	14 1	13 37	12 1	7 41	2 6
W24	23 12	9 19	4 4	23 14	0s 5	21 41	1 31	21 42	3 10	6 57	1 7	21 36	1 32	23 14	0 11	0 6	0 53	16 28	1 5	14 1	13 38	11 57	7 41	2 6
T 25	23 10	15 0	4 41	23 24	0 11	21 27	1 32	21 48	3 13	6 59	1 7	21 36	1 32	23 14	0 11	0 5	0 53	16 29	1 5	14 2	13 39	11 54	7 41	2 6
F 26	23 8	19 52	5 3	23 32	0 18	21 12	1 34	21 54	3 16	7 2	1 7	21 37	1 32	23 14	0 11	0 5	0 53	16 29	1 5	14 4	13 40	11 51	7 41	2 6
S 27	23 6	23 41	5 8	23 39	0 25	20 57	1 35	22 1	3 19	7 4	1 8	21 37	1 32	23 13	0 11	0 5	0 53	16 29	1 5	14 6	13 41	11 48	7 41	2 6
S 28	23 3	26 14	4 57	23 44	0 32	20 41	1 36	22 7	3 22	7 7	1 8	21 37	1 32	23 13	0 11	0 5	0 53	16 30	1 5	14 9	13 42	11 45	7 41	2 5
M29	23 0	27 22	4 31	23 49	0 38	20 25	1 37	22 14	3 25	7 9	1 8	21 37	1 32	23 13	0 11	0 4	0 53	16 30	1 5	14 11	13 43	11 42	7 41	2 5
T 30	22 56	27 4	3 52	23 52	0 45	20 8	1 39	22 21	3 28	7 11	1 8	21 38	1 32	23 13	0 11	0 4	0 53	16 30	1 5	14 14	13 44	11 39	7 40	2 5
W31	22s51	25s24	3s 3	23s54	0s51	19s50	1s40	22n28	3n30	7s14	1n 8	21s38	1n32	23s13	0s11	0s 4	0s53	16n31	1s 5	14s16	13s45	11s36	7n40	2n 5

Julian Day Number = 3059643.5, Delta T = 02h30m50s
Ecliptic obliquity = 23°13'38, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'52, Lahiri = 47°11'53

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

JANUARY 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 47 32	10♑57'30	27♑21	8♑21	8♒47	3°R48	21♎33	25♐53	7♑22	1♈55	10°R 6	21°R15	22♒53	28♒12	14♈44	T 1
F 2	6 51 29	11°58'20	9♒21	9°55	10° 1	3♌29	21°39	26° 0	7°25	1°56	10♌ 5	21♒12	22°50	28°19	14°44	F 2
S 3	6 55 25	12°59'10	21°13	11°30	11°15	3°10	21°45	26° 7	7°29	1°57	10° 4	21°D12	22°46	28°25	14°44	S 3
S 4	6 59 22	14° 0'01	3♓ 0	13° 4	12°30	2°50	21°51	26°14	7°33	1°57	10° 3	21°12	22°43	28°32	14°45	S 4
M 5	7 3 18	15° 0'53	14°46	14°38	13°44	2°29	21°57	26°21	7°36	1°58	10° 2	21°14	22°40	28°39	14°46	M 5
T 6	7 7 15	16° 1'46	26°36	16°12	14°58	2° 8	22° 2	26°28	7°40	1°59	10° 1	21°16	22°37	28°45	14°46	T 6
W 7	7 11 11	17° 2'39	8♈34	17°47	16°13	1°46	22° 8	26°35	7°44	2° 0	10° 0	21°17	22°34	28°52	14°47	W 7
T 8	7 15 8	18° 3'33	20°45	19°21	17°27	1°24	22°13	26°42	7°47	2° 1	9°59	21°R17	22°30	28°58	14°48	T 8
F 9	7 19 4	19° 4'27	3♉15	20°55	18°41	1° 2	22°18	26°49	7°51	2° 2	9°57	21°16	22°27	29° 5	14°48	F 9
S 10	7 23 1	20° 5'22	16° 8	22°30	19°55	0°39	22°23	26°56	7°55	2° 3	9°56	21°14	22°24	29°12	14°49	S 10
S 11	7 26 58	21° 6'18	29°26	24° 5	21° 9	0°16	22°28	27° 3	7°58	2° 4	9°55	21°10	22°21	29°18	14°50	S 11
M12	7 30 54	22° 7'14	13♊13	25°40	22°24	29♋53	22°33	27° 9	8° 2	2° 5	9°54	21° 6	22°18	29°25	14°51	M12
T 13	7 34 51	23° 8'10	27°25	27°15	23°38	29°29	22°37	27°16	8° 5	2° 6	9°53	21° 1	22°15	29°32	14°52	T 13
W14	7 38 47	24° 9'07	12♋ 1	28°50	24°52	29° 6	22°41	27°23	8° 9	2° 7	9°51	20°57	22°11	29°38	14°53	W14
T 15	7 42 44	25°10'05	26°53	0♒25	26° 6	28°42	22°46	27°29	8°13	2° 8	9°50	20°55	22° 8	29°45	14°54	T 15
F 16	7 46 40	26°11'03	11♌53	2° 1	27°20	28°19	22°50	27°36	8°16	2° 9	9°49	20°53	22° 5	29°52	14°56	F 16
S 17	7 50 37	27°12'02	26°54	3°37	28°34	27°55	22°53	27°43	8°20	2°10	9°48	20°D53	22° 2	29°58	14°57	S 17
S 18	7 54 34	28°13'01	11♍45	5°13	29°48	27°32	22°57	27°49	8°23	2°11	9°47	20°54	21°59	0♓ 5	14°58	S 18
M19	7 58 30	29°14'01	26°22	6°49	1♓ 2	27° 9	23° 0	27°56	8°27	2°13	9°45	20°55	21°56	0°12	15° 0	M19
T 20	8 2 27	0♒15'01	10♎40	8°25	2°16	26°45	23° 4	28° 2	8°30	2°14	9°44	20°57	21°52	0°18	15° 1	T 20
W21	8 6 23	1°16'03	24°37	10° 1	3°30	26°22	23° 7	28° 9	8°34	2°15	9°43	20°58	21°49	0°25	15° 2	W21
T 22	8 10 20	2°17'05	8♏13	11°38	4°44	26° 0	23°10	28°15	8°37	2°17	9°42	20°R58	21°46	0°32	15° 4	T 22
F 23	8 14 16	3°18'08	21°30	13°14	5°58	25°37	23°12	28°22	8°41	2°18	9°40	20°57	21°43	0°38	15° 5	F 23
S 24	8 18 13	4°19'11	4♐27	14°51	7°11	25°15	23°15	28°28	8°44	2°19	9°39	20°55	21°40	0°45	15° 7	S 24
S 25	8 22 9	5°20'15	17° 9	16°28	8°25	24°54	23°17	28°34	8°47	2°21	9°38	20°53	21°36	0°51	15° 9	S 25
M26	8 26 6	6°21'20	29°38	18° 4	9°39	24°33	23°20	28°40	8°51	2°22	9°37	20°50	21°33	0°58	15°10	M26
T 27	8 30 3	7°22'24	11♑54	19°41	10°53	24°12	23°22	28°47	8°54	2°24	9°35	20°48	21°30	1° 5	15°12	T 27
W28	8 33 59	8°23'29	24° 1	21°17	12° 6	23°52	23°23	28°53	8°58	2°25	9°34	20°47	21°27	1°11	15°14	W28
T 29	8 37 56	9°24'35	6♒ 0	22°53	13°20	23°32	23°25	28°59	9° 1	2°27	9°33	20°45	21°24	1°18	15°16	T 29
F 30	8 41 52	10°25'40	17°53	24°29	14°34	23°13	23°26	29° 5	9° 4	2°28	9°32	20°D45	21°21	1°25	15°18	F 30
S 31	8 45 49	11♒26'45	29♒42	26♒ 3	15♓47	22♋55	23♎28	29♐11	9♑ 7	2♈30	9♌30	20♒45	21♒17	1♓31	15♈19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s47	22s34	2s 6	23s55	0s57	19s32	1s41	22n35	3n33	7s16	1n 9	21s38	1n32	23s12	0s11	0s 4	0s53	16n31	1s 5	14s17	13s46	11s33	7n40	2n 5
F 2	22 42	18 47	1 4	23 54	1 3	19 13	1 42	22 42	3 36	7 18	1 9	21 38	1 32	23 12	0 11	0 3	0 53	16 31	1 5	14 18	13 47	11 30	7 40	2 5
S 3	22 36	14 18	0n 0	23 52	1 8	18 54	1 43	22 49	3 38	7 20	1 9	21 39	1 32	23 12	0 11	0 3	0 53	16 32	1 5	14 19	13 48	11 27	7 40	2 4
S 4	22 30	9 19	1 4	23 49	1 14	18 34	1 44	22 56	3 41	7 22	1 9	21 39	1 32	23 12	0 11	0 3	0 53	16 32	1 5	14 18	13 49	11 23	7 40	2 4
M 5	22 23	4 1	2 5	23 45	1 19	18 13	1 44	23 3	3 43	7 24	1 10	21 39	1 32	23 12	0 11	0 2	0 53	16 32	1 5	14 18	13 50	11 20	7 40	2 4
T 6	22 16	1n26	3 2	23 39	1 25	17 52	1 45	23 10	3 46	7 26	1 10	21 39	1 32	23 11	0 11	0 2	0 53	16 33	1 5	14 17	13 51	11 17	7 41	2 4
W 7	22 9	6 54	3 51	23 32	1 29	17 31	1 46	23 18	3 48	7 27	1 10	21 39	1 32	23 11	0 11	0 2	0 53	16 33	1 5	14 17	13 52	11 14	7 41	2 4
T 8	22 1	12 13	4 30	23 24	1 34	17 9	1 46	23 25	3 50	7 29	1 10	21 39	1 32	23 11	0 11	0 1	0 53	16 33	1 4	14 17	13 53	11 11	7 41	2 3
F 9	21 53	17 10	4 58	23 14	1 39	16 47	1 47	23 32	3 52	7 31	1 11	21 40	1 32	23 11	0 11	0 1	0 53	16 34	1 4	14 17	13 54	11 8	7 41	2 3
S 10	21 44	21 30	5 12	23 4	1 43	16 24	1 47	23 38	3 54	7 32	1 11	21 40	1 32	23 11	0 11	0 0	0 53	16 34	1 4	14 18	13 55	11 5	7 41	2 3
S 11	21 35	24 54	5 10	22 52	1 47	16 1	1 47	23 45	3 56	7 34	1 11	21 40	1 32	23 10	0 11	0 0	0 53	16 34	1 4	14 19	13 56	11 2	7 41	2 3
M12	21 26	26 59	4 51	22 38	1 51	15 37	1 48	23 52	3 58	7 36	1 11	21 40	1 32	23 10	0 11	0n 0	0 53	16 35	1 4	14 20	13 57	10 58	7 41	2 3
T 13	21 16	27 25	4 13	22 24	1 54	15 13	1 48	23 59	3 59	7 37	1 12	21 40	1 32	23 10	0 11	0 1	0 53	16 35	1 4	14 22	13 58	10 55	7 42	2 2
W14	21 5	25 58	3 18	22 8	1 57	14 49	1 48	24 5	4 1	7 38	1 12	21 40	1 32	23 10	0 11	0 1	0 53	16 35	1 4	14 23	13 59	10 52	7 42	2 2
T 15	20 55	22 42	2 8	21 50	2 0	14 24	1 48	24 11	4 2	7 40	1 12	21 40	1 32	23 10	0 11	0 2	0 53	16 36	1 4	14 24	14 0	10 49	7 42	2 2
F 16	20 44	17 52	0 49	21 32	2 3	13 59	1 48	24 18	4 4	7 41	1 12	21 41	1 32	23 9	0 11	0 2	0 53	16 36	1 4	14 24	14 1	10 46	7 42	2 2
S 17	20 32	11 55	0s33	21 12	2 5	13 33	1 47	24 24	4 5	7 42	1 12	21 41	1 32	23 9	0 11	0 3	0 53	16 37	1 4	14 24	14 3	10 43	7 43	2 2
S 18	20 20	5 21	1 53	20 51	2 7	13 7	1 47	24 29	4 6	7 43	1 13	21 41	1 32	23 9	0 11	0 3	0 53	16 37	1 4	14 24	14 4	10 40	7 43	2 2
M19	20 8	1s23	3 4	20 29	2 9	12 41	1 47	24 35	4 7	7 44	1 13	21 41	1 32	23 9	0 11	0 4	0 53	16 37	1 4	14 24	14 5	10 37	7 43	2 1
T 20	19 55	7 54	4 1	20 6	2 10	12 14	1 46	24 40	4 8	7 45	1 13	21 41	1 32	23 9	0 11	0 4	0 53	16 38	1 4	14 23	14 6	10 33	7 44	2 1
W21	19 42	13 51	4 43	19 41	2 11	11 47	1 46	24 46	4 9	7 46	1 13	21 41	1 32	23 8	0 11	0 5	0 53	16 38	1 4	14 23	14 7	10 30	7 44	2 1
T 22	19 29	18 59	5 8	19 15	2 11	11 20	1 45	24 51	4 9	7 47	1 14	21 41	1 32	23 8	0 11	0 5	0 53	16 38	1 4	14 23	14 8	10 27	7 45	2 1
F 23	19 15	23 4	5 16	18 48	2 11	10 52	1 45	24 55	4 10	7 48	1 14	21 41	1 32	23 8	0 11	0 6	0 53	16 39	1 4	14 23	14 9	10 24	7 45	2 1
S 24	19 1	25 53	5 7	18 19	2 11	10 24	1 44	25 0	4 10	7 48	1 14	21 41	1 32	23 8	0 11	0 6	0 53	16 39	1 4	14 24	14 10	10 21	7 45	2 0
S 25	18 46	27 19	4 44	17 50	2 10	9 56	1 43	25 4	4 11	7 49	1 15	21 41	1 32	23 7	0 11	0 7	0 53	16 40	1 4	14 25	14 11	10 18	7 46	2 0
M26	18 31	27 20	4 7	17 19	2 8	9 28	1 42	25 8	4 11	7 49	1 15	21 41	1 32	23 7	0 11	0 8	0 53	16 40	1 3	14 25	14 12	10 15	7 46	2 0
T 27	18 16	26 0	3 19	16 47	2 7	8 59	1 41	25 12	4 11	7 50	1 15	21 41	1 32	23 7	0 11	0 8	0 53	16 40	1 3	14 26	14 13	10 11	7 47	2 0
W28	18 0	23 28	2 23	16 14	2 4	8 30	1 40	25 16	4 11	7 50	1 15	21 41	1 32	23 7	0 11	0 9	0 53	16 41	1 3	14 26	14 14	10 8	7 47	2 0
T 29	17 44	19 55	1 21	15 40	2 1	8 1	1 39	25 19	4 11	7 51	1 16	21 41	1 32	23 7	0 11	0 9	0 53	16 41	1 3	14 27	14 15	10 5	7 48	2 0
F 30	17 28	15 35	0 16	15 6	1 57	7 32	1 38	25 22	4 11	7 51	1 16	21 41	1 32	23 6	0 11	0 10	0 53	16 42	1 3	14 27	14 16	10 2	7 49	1 59
S 31	17s12	10s42	0n50	14s30	1s53	7s 2	1s36	25n25	4n10	7s51	1n16	21s41	1n32	23s 6	0s11	0n11	0s53	16n42	1s 3	14s27	14s17	9s59	7n49	1n59

Julian Day Number = 3059674.5, Delta T = 02h30m51s
Ecliptic obliquity = 23°13'37, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°04'57, Lahiri = 47°11'57

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

FEBRUARY 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 49 45	12♒27'50	11♓29	27♒38	17♓ 1	22°R37	23♎29	29♐17	9♑11	2♈31	9°R29	20♒46	21♒14	1♓38	15♈21	S 1
M 2	8 53 42	13°28'55	23°16	29°11	18°14	22♋20	23°30	29°23	9°14	2°33	9♌28	20°46	21°11	1°45	15°23	M 2
T 3	8 57 38	14°30'00	5♈ 8	0♓43	19°28	22° 4	23°30	29°28	9°17	2°35	9°26	20°47	21° 8	1°51	15°26	T 3
W 4	9 1 35	15°31'04	17° 7	2°13	20°41	21°48	23°31	29°34	9°20	2°36	9°25	20°48	21° 5	1°58	15°28	W 4
T 5	9 5 32	16°32'08	29°17	3°41	21°54	21°33	23°31	29°40	9°23	2°38	9°24	20°48	21° 2	2° 5	15°30	T 5
F 6	9 9 28	17°33'12	11♉43	5° 7	23° 7	21°19	23°R31	29°45	9°27	2°40	9°23	20°48	20°58	2°11	15°32	F 6
S 7	9 13 25	18°34'15	24°29	6°31	24°21	21° 6	23°31	29°51	9°30	2°41	9°21	20°R48	20°55	2°18	15°34	S 7
S 8	9 17 21	19°35'18	7♊39	7°51	25°34	20°53	23°31	29°56	9°33	2°43	9°20	20°48	20°52	2°25	15°37	S 8
M 9	9 21 18	20°36'20	21°16	9° 7	26°47	20°41	23°30	0♑ 2	9°36	2°45	9°19	20°D48	20°49	2°31	15°39	M 9
T 10	9 25 14	21°37'22	5♋20	10°18	28° 0	20°31	23°29	0° 7	9°39	2°47	9°18	20°48	20°46	2°38	15°41	T 10
W11	9 29 11	22°38'23	19°50	11°25	29°13	20°20	23°29	0°13	9°42	2°49	9°17	20°49	20°42	2°44	15°44	W11
T 12	9 33 8	23°39'23	4♌43	12°25	0♈26	20°11	23°28	0°18	9°45	2°51	9°15	20°49	20°39	2°51	15°46	T 12
F 13	9 37 4	24°40'23	19°51	13°18	1°39	20° 3	23°26	0°23	9°48	2°52	9°14	20°R49	20°36	2°58	15°49	F 13
S 14	9 41 1	25°41'22	5♍ 5	14° 4	2°51	19°55	23°25	0°28	9°50	2°54	9°13	20°49	20°33	3° 4	15°51	S 14
S 15	9 44 57	26°42'21	20°16	14°41	4° 4	19°48	23°23	0°33	9°53	2°56	9°12	20°48	20°30	3°11	15°54	S 15
M16	9 48 54	27°43'19	5♎14	15° 8	5°17	19°42	23°21	0°38	9°56	2°58	9°11	20°48	20°27	3°18	15°56	M16
T 17	9 52 50	28°44'17	19°52	15°25	6°29	19°37	23°19	0°43	9°59	3° 0	9° 9	20°47	20°23	3°24	15°59	T 17
W18	9 56 47	29°45'15	4♏ 5	15°R32	7°41	19°32	23°17	0°48	10° 1	3° 2	9° 8	20°46	20°20	3°31	16° 2	W18
T 19	10 0 43	0♓46'12	17°51	15°27	8°54	19°29	23°15	0°53	10° 4	3° 4	9° 7	20°45	20°17	3°38	16° 4	T 19
F 20	10 4 40	1°47'09	1♐11	15°10	10° 6	19°26	23°12	0°57	10° 7	3° 6	9° 6	20°D45	20°14	3°44	16° 7	F 20
S 21	10 8 36	2°48'06	14° 6	14°42	11°18	19°24	23° 9	1° 2	10° 9	3° 8	9° 5	20°45	20°11	3°51	16°10	S 21
S 22	10 12 33	3°49'03	26°41	14° 3	12°30	19°22	23° 7	1° 7	10°12	3°10	9° 4	20°46	20° 8	3°58	16°13	S 22
M23	10 16 30	4°49'58	8♑59	13°14	13°43	19°D22	23° 3	1°11	10°14	3°12	9° 2	20°47	20° 4	4° 4	16°16	M23
T 24	10 20 26	5°50'54	21° 5	12°17	14°54	19°22	23° 0	1°15	10°17	3°14	9° 1	20°48	20° 1	4°11	16°18	T 24
W25	10 24 23	6°51'48	3♒ 1	11°12	16° 6	19°23	22°57	1°20	10°19	3°16	9° 0	20°50	19°58	4°18	16°21	W25
T 26	10 28 19	7°52'42	14°51	10° 2	17°18	19°25	22°53	1°24	10°22	3°18	8°59	20°R51	19°55	4°24	16°24	T 26
F 27	10 32 16	8°53'35	26°39	8°49	18°30	19°27	22°49	1°28	10°24	3°20	8°58	20°51	19°52	4°31	16°27	F 27
S 28	10 36 12	9♓54'27	8♓26	7♓35	19♈41	19♋30	22♎45	1♑32	10♑26	3♈23	8♌57	20♒50	19♒48	4♓37	16♈30	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s55	5s27	1n53	13s53	1s48	6s33	1s35	25n27	4n10	7s51	1n16	21s41	1n32	23s 6	0s11	0n11	0s53	16n42	1s 3	14s27	14s18	9s56	7n50	1n59
M 2	16 38	0 1	2 51	13 16	1 42	6 3	1 33	25 30	4 9	7 51	1 17	21 41	1 32	23 6	0 11	0 12	0 53	16 43	1 3	14 27	14 19	9 53	7 50	1 59
T 3	16 20	5n26	3 43	12 37	1 36	5 33	1 32	25 32	4 9	7 51	1 17	21 41	1 32	23 6	0 11	0 13	0 53	16 43	1 3	14 26	14 20	9 49	7 51	1 59
W 4	16 2	10 45	4 25	11 59	1 29	5 3	1 30	25 34	4 8	7 51	1 17	21 41	1 32	23 5	0 11	0 13	0 53	16 44	1 3	14 26	14 21	9 46	7 52	1 59
T 5	15 44	15 44	4 56	11 20	1 21	4 32	1 28	25 36	4 8	7 51	1 17	21 41	1 33	23 5	0 11	0 14	0 53	16 44	1 3	14 26	14 22	9 43	7 52	1 58
F 6	15 26	20 12	5 14	10 40	1 12	4 2	1 26	25 37	4 7	7 51	1 18	21 41	1 33	23 5	0 11	0 15	0 53	16 44	1 3	14 26	14 23	9 40	7 53	1 58
S 7	15 8	23 51	5 17	10 1	1 3	3 31	1 24	25 38	4 6	7 51	1 18	21 41	1 33	23 5	0 11	0 15	0 53	16 45	1 3	14 26	14 24	9 37	7 54	1 58
S 8	14 49	26 24	5 4	9 22	0 52	3 1	1 22	25 39	4 5	7 50	1 18	21 41	1 33	23 5	0 11	0 16	0 53	16 45	1 3	14 26	14 25	9 34	7 54	1 58
M 9	14 30	27 30	4 34	8 43	0 41	2 30	1 20	25 40	4 4	7 50	1 18	21 41	1 33	23 4	0 11	0 17	0 53	16 45	1 3	14 26	14 26	9 30	7 55	1 58
T 10	14 10	26 54	3 47	8 5	0 28	1 59	1 18	25 41	4 3	7 50	1 19	21 41	1 33	23 4	0 11	0 17	0 53	16 46	1 3	14 26	14 27	9 27	7 56	1 58
W11	13 51	24 29	2 44	7 28	0 15	1 28	1 16	25 41	4 2	7 49	1 19	21 41	1 33	23 4	0 11	0 18	0 53	16 46	1 2	14 26	14 28	9 24	7 57	1 58
T 12	13 31	20 21	1 28	6 52	0 1	0 57	1 14	25 42	4 1	7 48	1 19	21 41	1 33	23 4	0 11	0 19	0 53	16 47	1 2	14 26	14 29	9 21	7 58	1 57
F 13	13 11	14 49	0 5	6 18	0n14	0 27	1 11	25 42	4 0	7 48	1 19	21 41	1 33	23 4	0 11	0 20	0 53	16 47	1 2	14 26	14 30	9 18	7 58	1 57
S 14	12 51	8 21	1s19	5 46	0 29	0n 4	1 9	25 42	3 58	7 47	1 20	21 40	1 33	23 3	0 12	0 20	0 53	16 47	1 2	14 26	14 31	9 15	7 59	1 57
S 15	12 30	1 25	2 37	5 17	0 46	0 35	1 6	25 41	3 57	7 46	1 20	21 40	1 33	23 3	0 12	0 21	0 53	16 48	1 2	14 26	14 32	9 11	8 0	1 57
M16	12 9	5s29	3 43	4 51	1 2	1 6	1 3	25 41	3 56	7 45	1 20	21 40	1 33	23 3	0 12	0 22	0 53	16 48	1 2	14 26	14 33	9 8	8 1	1 57
T 17	11 49	11 55	4 33	4 28	1 20	1 37	1 1	25 40	3 54	7 44	1 20	21 40	1 33	23 3	0 12	0 23	0 53	16 49	1 2	14 26	14 34	9 5	8 2	1 57
W18	11 28	17 32	5 4	4 10	1 37	2 8	0 58	25 40	3 53	7 43	1 21	21 40	1 33	23 3	0 12	0 23	0 53	16 49	1 2	14 27	14 35	9 2	8 3	1 56
T 19	11 6	22 4	5 17	3 56	1 54	2 39	0 55	25 39	3 51	7 42	1 21	21 40	1 33	23 3	0 12	0 24	0 53	16 49	1 2	14 27	14 36	8 59	8 4	1 56
F 20	10 45	25 18	5 12	3 46	2 11	3 10	0 52	25 38	3 50	7 41	1 21	21 40	1 34	23 2	0 12	0 25	0 53	16 50	1 2	14 27	14 37	8 55	8 5	1 56
S 21	10 23	27 7	4 52	3 42	2 28	3 41	0 49	25 36	3 48	7 40	1 21	21 40	1 34	23 2	0 12	0 26	0 53	16 50	1 2	14 27	14 38	8 52	8 5	1 56
S 22	10 1	27 28	4 17	3 43	2 43	4 12	0 46	25 35	3 47	7 38	1 22	21 40	1 34	23 2	0 12	0 27	0 53	16 50	1 2	14 27	14 39	8 49	8 6	1 56
M23	9 39	26 27	3 32	3 48	2 57	4 42	0 43	25 34	3 45	7 37	1 22	21 40	1 34	23 2	0 12	0 27	0 53	16 51	1 2	14 26	14 40	8 46	8 7	1 56
T 24	9 17	24 11	2 38	3 59	3 9	5 13	0 40	25 32	3 44	7 36	1 22	21 39	1 34	23 2	0 12	0 28	0 52	16 51	1 2	14 26	14 41	8 43	8 8	1 56
W25	8 55	20 53	1 37	4 13	3 19	5 43	0 36	25 30	3 42	7 34	1 22	21 39	1 34	23 1	0 12	0 29	0 52	16 51	1 1	14 25	14 42	8 40	8 9	1 55
T 26	8 32	16 46	0 33	4 32	3 27	6 14	0 33	25 29	3 41	7 33	1 22	21 39	1 34	23 1	0 12	0 30	0 52	16 52	1 1	14 25	14 43	8 36	8 10	1 55
F 27	8 10	12 1	0n32	4 54	3 33	6 44	0 29	25 27	3 39	7 31	1 23	21 39	1 34	23 1	0 12	0 31	0 52	16 52	1 1	14 25	14 44	8 33	8 11	1 55
S 28	7s47	6s51	1n36	5s18	3n36	7n14	0s26	25n25	3n38	7s29	1n23	21s39	1n34	23s 1	0s12	0n32	0s52	16n52	1s 1	14s26	14s45	8s30	8n12	1n55

Julian Day Number = 3059705.5, Delta T = 02h30m52s
Ecliptic obliquity = 23°13'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'01, Lahiri = 47°12'02

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

MARCH 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 40 9	10♓55'18	20♓15	6°R22	20♈53	19♋34	22°R41	1♑36	10♑29	3♈25	8°R56	20°R47	19♒45	4♓44	16♈33	S 1
M 2	10 44 5	11°56'08	2♈ 8	5♓12	22° 4	19°39	22♎37	1°40	10°31	3°27	8♌55	20♒44	19°42	4°51	16°36	M 2
T 3	10 48 2	12°56'57	14° 6	4° 7	23°16	19°44	22°32	1°44	10°33	3°29	8°54	20°41	19°39	4°57	16°40	T 3
W 4	10 51 59	13°57'44	26°12	3° 8	24°27	19°50	22°27	1°47	10°35	3°31	8°53	20°37	19°36	5° 4	16°43	W 4
T 5	10 55 55	14°58'31	8♉28	2°16	25°38	19°57	22°23	1°51	10°37	3°33	8°52	20°33	19°33	5°11	16°46	T 5
F 6	10 59 52	15°59'16	20°57	1°31	26°49	20° 4	22°18	1°55	10°39	3°36	8°51	20°30	19°29	5°17	16°49	F 6
S 7	11 3 48	17° 0'00	3♊42	0°54	28° 0	20°12	22°12	1°58	10°41	3°38	8°50	20°28	19°26	5°24	16°52	S 7
S 8	11 7 45	18° 0'42	16°46	0°26	29°10	20°21	22° 7	2° 1	10°43	3°40	8°49	20°D27	19°23	5°31	16°55	S 8
M 9	11 11 41	19° 1'23	0♋11	0° 6	0♉21	20°30	22° 2	2° 5	10°45	3°42	8°48	20°27	19°20	5°37	16°59	M 9
T 10	11 15 38	20° 2'03	14° 1	29♒54	1°32	20°40	21°56	2° 8	10°47	3°44	8°47	20°29	19°17	5°44	17° 2	T 10
W11	11 19 34	21° 2'41	28°15	29°D49	2°42	20°50	21°50	2°11	10°49	3°47	8°46	20°30	19°14	5°51	17° 5	W11
T 12	11 23 31	22° 3'17	12♌52	29°51	3°52	21° 1	21°44	2°14	10°51	3°49	8°45	20°31	19°10	5°57	17° 8	T 12
F 13	11 27 28	23° 3'52	27°49	0♓ 1	5° 2	21°13	21°38	2°17	10°52	3°51	8°44	20°R31	19° 7	6° 4	17°12	F 13
S 14	11 31 24	24° 4'25	12♍58	0°16	6°12	21°25	21°32	2°20	10°54	3°53	8°44	20°30	19° 4	6°11	17°15	S 14
S 15	11 35 21	25° 4'56	28°10	0°38	7°22	21°38	21°26	2°22	10°56	3°56	8°43	20°26	19° 1	6°17	17°19	S 15
M16	11 39 17	26° 5'27	13♎16	1° 5	8°32	21°51	21°20	2°25	10°57	3°58	8°42	20°22	18°58	6°24	17°22	M16
T 17	11 43 14	27° 5'56	28° 6	1°37	9°41	22° 5	21°13	2°28	10°59	4° 0	8°41	20°16	18°54	6°31	17°25	T 17
W18	11 47 10	28° 6'23	12♏32	2°13	10°50	22°19	21° 7	2°30	11° 0	4° 2	8°40	20°10	18°51	6°37	17°29	W18
T 19	11 51 7	29° 6'50	26°31	2°54	12° 0	22°33	21° 0	2°32	11° 2	4° 5	8°40	20° 5	18°48	6°44	17°32	T 19
F 20	11 55 3	0♈ 7'16	10♐ 0	3°39	13° 9	22°49	20°53	2°35	11° 3	4° 7	8°39	20° 2	18°45	6°50	17°36	F 20
S 21	11 59 0	1° 7'40	23° 1	4°28	14°17	23° 4	20°46	2°37	11° 4	4° 9	8°38	20° 0	18°42	6°57	17°39	S 21
S 22	12 2 57	2° 8'03	5♑37	5°20	15°26	23°20	20°39	2°39	11° 6	4°12	8°38	19°D59	18°39	7° 4	17°43	S 22
M23	12 6 53	3° 8'25	17°54	6°15	16°35	23°37	20°32	2°41	11° 7	4°14	8°37	20° 0	18°35	7°10	17°46	M23
T 24	12 10 50	4° 8'45	29°56	7°14	17°43	23°54	20°25	2°43	11° 8	4°16	8°36	20° 2	18°32	7°17	17°50	T 24
W25	12 14 46	5° 9'04	11♒48	8°15	18°51	24°11	20°18	2°44	11° 9	4°18	8°36	20° 3	18°29	7°24	17°53	W25
T 26	12 18 43	6° 9'22	23°35	9°18	19°59	24°29	20°10	2°46	11°10	4°21	8°35	20°R 3	18°26	7°30	17°57	T 26
F 27	12 22 39	7° 9'38	5♓21	10°24	21° 7	24°47	20° 3	2°47	11°11	4°23	8°34	20° 2	18°23	7°37	18° 0	F 27
S 28	12 26 36	8° 9'52	17° 9	11°32	22°15	25° 6	19°55	2°49	11°12	4°25	8°34	19°58	18°19	7°44	18° 4	S 28
S 29	12 30 32	9°10'05	29° 3	12°42	23°22	25°25	19°48	2°50	11°13	4°27	8°33	19°52	18°16	7°50	18° 7	S 29
M30	12 34 29	10°10'16	11♈ 4	13°54	24°29	25°44	19°40	2°52	11°14	4°30	8°33	19°44	18°13	7°57	18°11	M30
T 31	12 38 25	11♈10'26	23♈13	15♓ 8	25♉36	26♋ 4	19♎33	2♑53	11♑15	4♈32	8♌32	19♒34	18♒10	8♓ 4	18♈14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s24	1s26	2n35	5s45	3n36	7n44	0s22	25n23	3n36	7s28	1n23	21s39	1n34	23s 1	0s12	0n32	0s52	16n53	1s 1	14s26	14s46	8s27	8n13	1n55
M 2	7 1	4n 2	3 29	6 12	3 34	8 14	0 19	25 20	3 34	7 26	1 23	21 39	1 34	23 1	0 12	0 33	0 52	16 53	1 1	14 27	14 47	8 24	8 14	1 55
T 3	6 38	9 24	4 13	6 39	3 30	8 44	0 15	25 18	3 33	7 24	1 24	21 39	1 34	23 0	0 12	0 34	0 52	16 54	1 1	14 28	14 48	8 20	8 16	1 55
W 4	6 15	14 29	4 46	7 5	3 24	9 13	0 11	25 15	3 31	7 22	1 24	21 38	1 35	23 0	0 12	0 35	0 52	16 54	1 1	14 30	14 49	8 17	8 17	1 55
T 5	5 52	19 3	5 7	7 31	3 16	9 42	0 8	25 13	3 29	7 20	1 24	21 38	1 35	23 0	0 12	0 36	0 52	16 54	1 1	14 31	14 50	8 14	8 18	1 54
F 6	5 29	22 53	5 14	7 56	3 7	10 11	0 4	25 10	3 28	7 18	1 24	21 38	1 35	23 0	0 12	0 37	0 52	16 55	1 1	14 32	14 51	8 11	8 19	1 54
S 7	5 5	25 43	5 6	8 18	2 56	10 40	0n 0	25 7	3 26	7 16	1 24	21 38	1 35	23 0	0 12	0 38	0 52	16 55	1 1	14 32	14 52	8 8	8 20	1 54
S 8	4 42	27 15	4 42	8 39	2 45	11 9	0 4	25 4	3 25	7 14	1 25	21 38	1 35	23 0	0 12	0 38	0 52	16 55	1 1	14 33	14 53	8 4	8 21	1 54
M 9	4 18	27 16	4 2	8 57	2 33	11 37	0 8	25 1	3 23	7 12	1 25	21 38	1 35	23 0	0 12	0 39	0 52	16 55	1 1	14 33	14 54	8 1	8 22	1 54
T 10	3 55	25 36	3 7	9 13	2 20	12 5	0 12	24 58	3 21	7 9	1 25	21 38	1 35	23 0	0 12	0 40	0 52	16 56	1 1	14 32	14 55	7 58	8 23	1 54
W11	3 31	22 17	1 59	9 27	2 8	12 33	0 16	24 55	3 20	7 7	1 25	21 37	1 35	22 59	0 12	0 41	0 52	16 56	1 0	14 32	14 56	7 55	8 24	1 54
T 12	3 7	17 28	0 42	9 38	1 55	13 1	0 20	24 52	3 18	7 5	1 25	21 37	1 35	22 59	0 12	0 42	0 52	16 56	1 0	14 31	14 57	7 52	8 26	1 54
F 13	2 44	11 30	0s40	9 47	1 41	13 28	0 24	24 48	3 16	7 2	1 25	21 37	1 35	22 59	0 12	0 43	0 52	16 57	1 0	14 31	14 57	7 48	8 27	1 53
S 14	2 20	4 47	2 0	9 54	1 28	13 55	0 28	24 45	3 15	7 0	1 26	21 37	1 36	22 59	0 12	0 44	0 52	16 57	1 0	14 32	14 58	7 45	8 28	1 53
S 15	1 56	2s12	3 11	9 58	1 15	14 22	0 33	24 41	3 13	6 58	1 26	21 37	1 36	22 59	0 12	0 45	0 52	16 57	1 0	14 33	14 59	7 42	8 29	1 53
M16	1 32	9 1	4 9	10 1	1 3	14 48	0 37	24 37	3 12	6 55	1 26	21 37	1 36	22 59	0 12	0 46	0 52	16 58	1 0	14 34	15 0	7 39	8 30	1 53
T 17	1 9	15 12	4 48	10 1	0 50	15 14	0 41	24 34	3 10	6 52	1 26	21 36	1 36	22 59	0 12	0 46	0 52	16 58	1 0	14 36	15 1	7 36	8 31	1 53
W18	0 45	20 21	5 8	10 0	0 38	15 40	0 46	24 30	3 8	6 50	1 26	21 36	1 36	22 59	0 12	0 47	0 52	16 58	1 0	14 38	15 2	7 32	8 33	1 53
T 19	0 21	24 13	5 9	9 56	0 26	16 5	0 50	24 26	3 7	6 47	1 26	21 36	1 36	22 59	0 12	0 48	0 52	16 58	1 0	14 39	15 3	7 29	8 34	1 53
F 20	0n 3	26 34	4 53	9 51	0 15	16 30	0 54	24 22	3 5	6 45	1 27	21 36	1 36	22 58	0 12	0 49	0 52	16 59	1 0	14 41	15 4	7 26	8 35	1 53
S 21	0 27	27 24	4 21	9 44	0 4	16 55	0 59	24 18	3 4	6 42	1 27	21 36	1 36	22 58	0 12	0 50	0 53	16 59	1 0	14 41	15 5	7 23	8 36	1 53
S 22	0 50	26 44	3 38	9 35	0s 7	17 19	1 3	24 13	3 2	6 39	1 27	21 36	1 36	22 58	0 12	0 51	0 53	16 59	1 0	14 41	15 6	7 19	8 38	1 53
M23	1 14	24 47	2 46	9 25	0 18	17 43	1 7	24 9	3 1	6 36	1 27	21 36	1 36	22 58	0 12	0 52	0 53	16 59	0 59	14 41	15 7	7 16	8 39	1 52
T 24	1 38	21 44	1 47	9 13	0 28	18 7	1 12	24 5	2 59	6 34	1 27	21 35	1 37	22 58	0 12	0 53	0 53	17 0	0 59	14 41	15 8	7 13	8 40	1 52
W25	2 2	17 49	0 45	8 59	0 37	18 30	1 16	24 0	2 58	6 31	1 27	21 35	1 37	22 58	0 12	0 54	0 53	17 0	0 59	14 40	15 9	7 10	8 41	1 52
T 26	2 25	13 14	0n19	8 44	0 47	18 53	1 21	23 55	2 56	6 28	1 27	21 35	1 37	22 58	0 12	0 54	0 53	17 0	0 59	14 40	15 10	7 7	8 43	1 52
F 27	2 49	8 12	1 22	8 28	0 55	19 15	1 25	23 51	2 55	6 25	1 27	21 35	1 37	22 58	0 12	0 55	0 53	17 0	0 59	14 41	15 11	7 3	8 44	1 52
S 28	3 13	2 52	2 21	8 10	1 4	19 37	1 30	23 46	2 53	6 22	1 27	21 35	1 37	22 58	0 12	0 56	0 53	17 1	0 59	14 42	15 12	7 0	8 45	1 52
S 29	3 36	2n36	3 14	7 51	1 12	19 58	1 34	23 41	2 52	6 19	1 27	21 35	1 37	22 58	0 12	0 57	0 53	17 1	0 59	14 44	15 13	6 57	8 46	1 52
M30	4 0	8 1	4 0	7 30	1 19	20 19	1 39	23 36	2 50	6 17	1 28	21 35	1 37	22 58	0 12	0 58	0 53	17 1	0 59	14 46	15 14	6 54	8 48	1 52
T 31	4n23	13n12	4n34	7s 8	1s26	20n40	1n43	23n31	2n49	6s14	1n28	21s34	1n37	22s58	0s12	0n59	0s53	17n 1	0s59	14s49	15s15	6s51	8n49	1n52

Julian Day Number = 3059733.5, Delta T = 02h30m53s
Ecliptic obliquity = 23°13'38, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'05, Lahiri = 47°12'05

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

APRIL 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 42 22	12♈10'34	5♉32	16♓24	26♉43	26♋24	19°R25	2♑54	11♑16	4♈34	8°R32	19°R24	18♒ 7	8♓10	18♈18	W 1
T 2	12 46 19	13°10'40	18° 2	17°41	27°50	26°45	19♎17	2°55	11°16	4°37	8♏31	19♒14	18° 4	8°17	18°21	T 2
F 3	12 50 15	14°10'44	0♊42	19° 0	28°56	27° 5	19°10	2°55	11°17	4°39	8°31	19° 5	18° 0	8°24	18°25	F 3
S 4	12 54 12	15°10'46	13°36	20°20	0♊ 2	27°27	19° 2	2°56	11°18	4°41	8°31	18°59	17°57	8°30	18°29	S 4
S 5	12 58 8	16°10'47	26°43	21°43	1° 8	27°48	18°54	2°57	11°18	4°43	8°30	18°55	17°54	8°37	18°32	S 5
M 6	13 2 5	17°10'45	10♋ 7	23° 6	2°14	28°10	18°46	2°57	11°19	4°46	8°30	18°53	17°51	8°44	18°36	M 6
T 7	13 6 1	18°10'41	23°47	24°31	3°19	28°32	18°38	2°58	11°19	4°48	8°29	18°D53	17°48	8°50	18°39	T 7
W 8	13 9 58	19°10'35	7♌46	25°57	4°24	28°55	18°31	2°58	11°19	4°50	8°29	18°53	17°45	8°57	18°43	W 8
T 9	13 13 54	20°10'26	22° 5	27°25	5°29	29°17	18°23	2°58	11°20	4°52	8°29	18°R54	17°41	9° 4	18°47	T 9
F 10	13 17 51	21°10'16	6♍40	28°54	6°34	29°40	18°15	2°58	11°20	4°54	8°29	18°52	17°38	9°10	18°50	F 10
S 11	13 21 48	22°10'03	21°29	0♈24	7°38	0♌ 4	18° 7	2°R58	11°20	4°57	8°28	18°49	17°35	9°17	18°54	S 11
S 12	13 25 44	23° 9'49	6♎24	1°56	8°42	0°27	17°59	2°58	11°20	4°59	8°28	18°43	17°32	9°23	18°57	S 12
M13	13 29 41	24° 9'32	21°19	3°29	9°46	0°51	17°52	2°58	11°20	5° 1	8°28	18°34	17°29	9°30	19° 1	M13
T 14	13 33 37	25° 9'13	6♏ 3	5° 3	10°49	1°15	17°44	2°58	11°R20	5° 3	8°28	18°24	17°25	9°37	19° 4	T 14
W15	13 37 34	26° 8'53	20°29	6°39	11°52	1°40	17°36	2°58	11°20	5° 5	8°28	18°13	17°22	9°43	19° 8	W15
T 16	13 41 30	27° 8'31	4♐31	8°15	12°55	2° 4	17°29	2°57	11°20	5° 8	8°28	18° 3	17°19	9°50	19°12	T 16
F 17	13 45 27	28° 8'08	18° 5	9°54	13°57	2°29	17°21	2°56	11°20	5°10	8°27	17°55	17°16	9°57	19°15	F 17
S 18	13 49 23	29° 7'42	1♑12	11°33	14°59	2°54	17°14	2°56	11°20	5°12	8°27	17°49	17°13	10° 3	19°19	S 18
S 19	13 53 20	0♉ 7'15	13°53	13°14	16° 1	3°20	17° 6	2°55	11°20	5°14	8°27	17°46	17°10	10°10	19°22	S 19
M20	13 57 17	1° 6'46	26°13	14°56	17° 2	3°45	16°59	2°54	11°20	5°16	8°D27	17°45	17° 6	10°17	19°26	M20
T 21	14 1 13	2° 6'16	8♒16	16°39	18° 3	4°11	16°51	2°53	11°19	5°18	8°27	17°D45	17° 3	10°23	19°29	T 21
W22	14 5 10	3° 5'44	20° 9	18°23	19° 4	4°37	16°44	2°52	11°19	5°20	8°27	17°R45	17° 0	10°30	19°33	W22
T 23	14 9 6	4° 5'10	1♓57	20° 9	20° 4	5° 3	16°37	2°51	11°19	5°22	8°27	17°44	16°57	10°37	19°36	T 23
F 24	14 13 3	5° 4'34	13°44	21°57	21° 4	5°30	16°30	2°50	11°18	5°24	8°27	17°41	16°54	10°43	19°40	F 24
S 25	14 16 59	6° 3'57	25°35	23°45	22° 3	5°56	16°23	2°48	11°18	5°26	8°28	17°36	16°51	10°50	19°43	S 25
S 26	14 20 56	7° 3'18	7♈35	25°35	23° 2	6°23	16°16	2°47	11°17	5°28	8°28	17°28	16°47	10°57	19°47	S 26
M27	14 24 52	8° 2'37	19°45	27°27	24° 0	6°50	16° 9	2°45	11°16	5°30	8°28	17°17	16°44	11° 3	19°50	M27
T 28	14 28 49	9° 1'54	2♉ 7	29°20	24°58	7°18	16° 2	2°43	11°16	5°32	8°28	17° 4	16°41	11°10	19°54	T 28
W29	14 32 46	10° 1'09	14°42	1♉14	25°56	7°45	15°56	2°42	11°15	5°34	8°28	16°51	16°38	11°17	19°57	W29
T 30	14 36 42	11♉ 0'22	27♉30	3♉ 9	26♊53	8♌13	15♎49	2♑40	11♑14	5♈36	8♌28	16♒37	16♒35	11♓23	20♈ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n46	17n55	4n57	6s45	1s33	21n 0	1n48	23n25	2n47	6s11	1n28	21s34	1n37	22s58	0s12	1n 0	0s53	17n 1	0s59	14s52	15s16	6s47	8n50	1n52
T 2	5 10	21 56	5 6	6 21	1 40	21 19	1 52	23 20	2 46	6 8	1 28	21 34	1 38	22 58	0 12	1 1	0 53	17 2	0 59	14 55	15 17	6 44	8 51	1 52
F 3	5 33	25 0	4 59	5 56	1 45	21 38	1 56	23 15	2 45	6 5	1 28	21 34	1 38	22 58	0 12	1 1	0 53	17 2	0 59	14 58	15 18	6 41	8 53	1 52
S 4	5 56	26 50	4 38	5 30	1 51	21 57	2 1	23 9	2 43	6 2	1 28	21 34	1 38	22 58	0 12	1 2	0 53	17 2	0 59	15 0	15 19	6 38	8 54	1 51
S 5	6 19	27 13	4 2	5 2	1 56	22 15	2 5	23 4	2 42	5 59	1 28	21 34	1 38	22 58	0 12	1 3	0 53	17 2	0 58	15 1	15 20	6 34	8 55	1 51
M 6	6 41	26 2	3 12	4 34	2 1	22 32	2 10	22 58	2 40	5 56	1 28	21 34	1 38	22 57	0 12	1 4	0 53	17 2	0 58	15 2	15 21	6 31	8 57	1 51
T 7	7 4	23 17	2 10	4 4	2 5	22 49	2 14	22 52	2 39	5 53	1 28	21 34	1 38	22 57	0 13	1 5	0 53	17 2	0 58	15 2	15 22	6 28	8 58	1 51
W 8	7 27	19 7	0 59	3 34	2 9	23 6	2 18	22 46	2 38	5 50	1 28	21 34	1 38	22 57	0 13	1 6	0 53	17 3	0 58	15 2	15 23	6 25	8 59	1 51
T 9	7 49	13 46	0s17	3 2	2 12	23 22	2 23	22 40	2 36	5 47	1 28	21 33	1 38	22 57	0 13	1 7	0 53	17 3	0 58	15 2	15 24	6 21	9 0	1 51
F 10	8 11	7 32	1 33	2 30	2 15	23 37	2 27	22 34	2 35	5 44	1 28	21 33	1 38	22 57	0 13	1 8	0 53	17 3	0 58	15 2	15 25	6 18	9 2	1 51
S 11	8 33	0 49	2 45	1 57	2 18	23 52	2 31	22 28	2 34	5 41	1 28	21 33	1 38	22 57	0 13	1 8	0 53	17 3	0 58	15 3	15 26	6 15	9 3	1 51
S 12	8 55	5s58	3 45	1 23	2 20	24 7	2 35	22 21	2 32	5 38	1 28	21 33	1 39	22 57	0 13	1 9	0 53	17 3	0 58	15 5	15 27	6 12	9 4	1 51
M13	9 17	12 25	4 30	0 47	2 21	24 21	2 39	22 15	2 31	5 35	1 28	21 33	1 39	22 57	0 13	1 10	0 53	17 3	0 58	15 8	15 28	6 9	9 6	1 51
T 14	9 39	18 5	4 56	0 12	2 22	24 34	2 44	22 8	2 30	5 32	1 28	21 33	1 39	22 57	0 13	1 11	0 53	17 3	0 58	15 11	15 29	6 5	9 7	1 51
W15	10 1	22 34	5 3	0n25	2 23	24 47	2 48	22 2	2 28	5 30	1 28	21 33	1 39	22 58	0 13	1 12	0 53	17 4	0 58	15 14	15 29	6 2	9 8	1 51
T 16	10 22	25 37	4 51	1 3	2 24	24 59	2 52	21 55	2 27	5 27	1 28	21 33	1 39	22 58	0 13	1 13	0 53	17 4	0 58	15 17	15 30	5 59	9 9	1 51
F 17	10 43	27 3	4 22	1 41	2 23	25 11	2 56	21 48	2 26	5 24	1 28	21 33	1 39	22 58	0 13	1 13	0 53	17 4	0 57	15 20	15 31	5 56	9 11	1 51
S 18	11 4	26 54	3 41	2 20	2 23	25 22	2 59	21 41	2 25	5 21	1 28	21 33	1 39	22 58	0 13	1 14	0 53	17 4	0 57	15 21	15 32	5 52	9 12	1 51
S 19	11 25	25 19	2 50	3 0	2 22	25 32	3 3	21 34	2 23	5 18	1 28	21 32	1 39	22 58	0 13	1 15	0 53	17 4	0 57	15 22	15 33	5 49	9 13	1 50
M20	11 45	22 33	1 52	3 40	2 20	25 42	3 7	21 27	2 22	5 16	1 28	21 32	1 39	22 58	0 13	1 16	0 53	17 4	0 57	15 23	15 34	5 46	9 15	1 50
T 21	12 6	18 51	0 50	4 21	2 18	25 52	3 11	21 19	2 21	5 13	1 28	21 32	1 39	22 58	0 13	1 17	0 53	17 4	0 57	15 23	15 35	5 43	9 16	1 50
W22	12 26	14 26	0n13	5 3	2 16	26 1	3 14	21 12	2 20	5 10	1 28	21 32	1 40	22 58	0 13	1 17	0 53	17 4	0 57	15 23	15 36	5 39	9 17	1 50
T 23	12 46	9 32	1 15	5 46	2 13	26 9	3 18	21 4	2 18	5 7	1 28	21 32	1 40	22 58	0 13	1 18	0 53	17 4	0 57	15 23	15 37	5 36	9 18	1 50
F 24	13 6	4 17	2 13	6 28	2 9	26 17	3 21	20 57	2 17	5 5	1 28	21 32	1 40	22 58	0 13	1 19	0 53	17 4	0 57	15 24	15 38	5 33	9 20	1 50
S 25	13 26	1n 7	3 6	7 12	2 5	26 24	3 25	20 49	2 16	5 2	1 27	21 32	1 40	22 58	0 13	1 20	0 53	17 4	0 57	15 25	15 39	5 30	9 21	1 50
S 26	13 45	6 32	3 51	7 56	2 1	26 31	3 28	20 41	2 15	5 0	1 27	21 32	1 40	22 58	0 13	1 21	0 53	17 4	0 57	15 28	15 40	5 26	9 22	1 50
M27	14 4	11 46	4 27	8 40	1 56	26 37	3 31	20 33	2 14	4 57	1 27	21 32	1 40	22 58	0 13	1 21	0 53	17 5	0 57	15 31	15 41	5 23	9 23	1 50
T 28	14 23	16 38	4 50	9 25	1 51	26 42	3 34	20 25	2 13	4 55	1 27	21 32	1 40	22 58	0 13	1 22	0 53	17 5	0 57	15 35	15 42	5 20	9 25	1 50
W29	14 41	20 53	5 0	10 10	1 45	26 47	3 37	20 17	2 11	4 52	1 27	21 32	1 40	22 58	0 13	1 23	0 53	17 5	0 56	15 39	15 43	5 17	9 26	1 50
T 30	15n 0	24n13	4n55	10n55	1s38	26n52	3n40	20n 9	2n10	4s50	1n27	21s32	1n40	22s58	0s13	1n24	0s53	17n 5	0s56	15s43	15s44	5s14	9n27	1n50

Julian Day Number = 3059764.5, Delta T = 02h30m54s
Ecliptic obliquity = 23°13'38, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'09, Lahiri = 47°12'10

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

MAY 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 40 39	11♉59'34	10♊31	5♉ 6	27♊49	8♌40	15°R43	2°R38	11°R13	5♈38	8♌29	16°R25	16♒31	11♓30	20♈ 4	F 1
S 2	14 44 35	12°58'43	23°42	7° 5	28°45	9° 8	15♎36	2♏36	11♏12	5°40	8°29	16♒16	16°28	11°37	20° 7	S 2
S 3	14 48 32	13°57'50	7♋ 5	9° 4	29°41	9°37	15°30	2°34	11°11	5°42	8°29	16°10	16°25	11°43	20°10	S 3
M 4	14 52 28	14°56'55	20°38	11° 5	0♋36	10° 5	15°24	2°31	11°11	5°44	8°30	16° 6	16°22	11°50	20°14	M 4
T 5	14 56 25	15°55'58	4♌22	13° 7	1°30	10°33	15°18	2°29	11° 9	5°46	8°30	16° 5	16°19	11°57	20°17	T 5
W 6	15 0 21	16°54'59	18°17	15°10	2°23	11° 2	15°13	2°27	11° 8	5°48	8°30	16° 5	16°16	12° 3	20°20	W 6
T 7	15 4 18	17°53'57	2♍24	17°14	3°16	11°31	15° 7	2°24	11° 7	5°49	8°31	16° 4	16°12	12°10	20°24	T 7
F 8	15 8 15	18°52'53	16°41	19°20	4° 9	12° 0	15° 1	2°22	11° 6	5°51	8°31	16° 3	16° 9	12°17	20°27	F 8
S 9	15 12 11	19°51'46	1♎ 6	21°25	5° 0	12°29	14°56	2°19	11° 5	5°53	8°31	15°58	16° 6	12°23	20°30	S 9
S 10	15 16 8	20°50'38	15°37	23°32	5°51	12°58	14°51	2°16	11° 4	5°55	8°32	15°51	16° 3	12°30	20°33	S 10
M11	15 20 4	21°49'27	0♏ 7	25°39	6°41	13°28	14°46	2°14	11° 2	5°56	8°32	15°42	16° 0	12°37	20°37	M11
T 12	15 24 1	22°48'14	14°30	27°46	7°30	13°57	14°41	2°11	11° 1	5°58	8°33	15°30	15°57	12°43	20°40	T 12
W13	15 27 57	23°47'00	28°40	29°52	8°19	14°27	14°36	2° 8	11° 0	6° 0	8°33	15°18	15°53	12°50	20°43	W13
T 14	15 31 54	24°45'44	12♐31	1♊59	9° 7	14°57	14°32	2° 5	10°58	6° 1	8°34	15° 7	15°50	12°57	20°46	T 14
F 15	15 35 50	25°44'26	25°59	4° 4	9°54	15°27	14°27	2° 2	10°57	6° 3	8°35	14°58	15°47	13° 3	20°49	F 15
S 16	15 39 47	26°43'06	9♑ 4	6° 9	10°39	15°57	14°23	1°58	10°55	6° 5	8°35	14°51	15°44	13°10	20°52	S 16
S 17	15 43 44	27°41'44	21°45	8°12	11°24	16°27	14°19	1°55	10°54	6° 6	8°36	14°46	15°41	13°17	20°55	S 17
M18	15 47 40	28°40'21	4♒ 7	10°14	12° 9	16°57	14°15	1°52	10°52	6° 8	8°36	14°44	15°37	13°23	20°58	M18
T 19	15 51 37	29°38'56	16°13	12°13	12°52	17°28	14°11	1°48	10°51	6° 9	8°37	14°D44	15°34	13°30	21° 1	T 19
W20	15 55 33	0♊37'30	28° 7	14°11	13°34	17°58	14° 7	1°45	10°49	6°11	8°38	14°R44	15°31	13°37	21° 4	W20
T 21	15 59 30	1°36'02	9♓57	16° 5	14°15	18°29	14° 4	1°42	10°47	6°12	8°38	14°44	15°28	13°43	21° 7	T 21
F 22	16 3 26	2°34'32	21°46	17°57	14°54	19° 0	14° 1	1°38	10°45	6°14	8°39	14°42	15°25	13°50	21°10	F 22
S 23	16 7 23	3°33'01	3♈41	19°46	15°33	19°30	13°58	1°34	10°44	6°15	8°40	14°38	15°22	13°56	21°13	S 23
S 24	16 11 19	4°31'29	15°45	21°31	16°11	20° 1	13°55	1°31	10°42	6°17	8°41	14°32	15°18	14° 3	21°16	S 24
M25	16 15 16	5°29'54	28° 2	23°13	16°47	20°33	13°52	1°27	10°40	6°18	8°41	14°23	15°15	14°10	21°18	M25
T 26	16 19 13	6°28'19	10♉35	24°51	17°22	21° 4	13°49	1°23	10°38	6°20	8°42	14°12	15°12	14°16	21°21	T 26
W27	16 23 9	7°26'41	23°25	26°26	17°55	21°35	13°47	1°19	10°36	6°21	8°43	14° 1	15° 9	14°23	21°24	W27
T 28	16 27 6	8°25'02	6♊32	27°56	18°28	22° 7	13°45	1°15	10°34	6°22	8°44	13°50	15° 6	14°30	21°26	T 28
F 29	16 31 2	9°23'22	19°54	29°23	18°58	22°38	13°43	1°11	10°32	6°23	8°45	13°39	15° 3	14°36	21°29	F 29
S 30	16 34 59	10°21'40	3♋30	0♋45	19°28	23°10	13°41	1° 7	10°30	6°25	8°46	13°32	14°59	14°43	21°32	S 30
S 31	16 38 55	11♊19'55	17♋15	2♋ 3	19♋55	23♌42	13♎39	1♑ 3	10♑28	6♈26	8♌47	13♒26	14♒56	14♓50	21♈34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n18	26n21	4n34	11n40	1s32	26n56	3n43	20n 1	2n 9	4s48	1n27	21s32	1n40	22s58	0s13	1n24	0s53	17n 5	0s56	15s46	15s45	5s10	9n28	1n50
S 2	15 36	27 4	3 59	12 26	1 24	26 59	3 46	19 52	2 8	4 45	1 27	21 32	1 40	22 59	0 13	1 25	0 53	17 5	0 56	15 49	15 46	5 7	9 30	1 50
S 3	15 53	26 12	3 10	13 11	1 16	27 2	3 48	19 44	2 7	4 43	1 27	21 32	1 40	22 59	0 13	1 26	0 53	17 5	0 56	15 51	15 47	5 4	9 31	1 50
M 4	16 11	23 48	2 10	13 56	1 8	27 4	3 51	19 35	2 6	4 41	1 26	21 32	1 41	22 59	0 13	1 26	0 53	17 5	0 56	15 52	15 48	5 1	9 32	1 50
T 5	16 28	20 0	1 2	14 41	1 0	27 6	3 53	19 26	2 5	4 39	1 26	21 32	1 41	22 59	0 13	1 27	0 53	17 5	0 56	15 53	15 48	4 57	9 33	1 50
W 6	16 44	15 2	0s12	15 26	0 51	27 8	3 55	19 17	2 4	4 37	1 26	21 32	1 41	22 59	0 13	1 28	0 53	17 5	0 56	15 53	15 49	4 54	9 35	1 50
T 7	17 1	9 12	1 25	16 10	0 41	27 9	3 57	19 8	2 3	4 35	1 26	21 32	1 41	22 59	0 13	1 29	0 53	17 5	0 56	15 53	15 50	4 51	9 36	1 50
F 8	17 17	2 51	2 34	16 54	0 31	27 9	3 59	18 59	2 2	4 33	1 26	21 32	1 41	22 59	0 13	1 29	0 53	17 5	0 56	15 53	15 51	4 48	9 37	1 50
S 9	17 33	3s43	3 34	17 37	0 21	27 9	4 1	18 50	2 0	4 31	1 26	21 32	1 41	22 59	0 13	1 30	0 53	17 5	0 56	15 54	15 52	4 44	9 38	1 50
S 10	17 48	10 6	4 20	18 19	0 11	27 8	4 3	18 41	1 59	4 29	1 26	21 32	1 41	22 59	0 13	1 31	0 53	17 5	0 56	15 57	15 53	4 41	9 39	1 50
M11	18 4	15 56	4 50	18 59	0 1	27 7	4 4	18 32	1 58	4 27	1 25	21 32	1 41	23 0	0 13	1 31	0 53	17 4	0 55	15 59	15 54	4 38	9 40	1 50
T 12	18 19	20 50	5 0	19 39	0n10	27 6	4 5	18 22	1 57	4 25	1 25	21 32	1 41	23 0	0 13	1 32	0 53	17 4	0 55	16 3	15 55	4 35	9 42	1 50
W13	18 33	24 26	4 52	20 17	0 21	27 4	4 7	18 12	1 56	4 24	1 25	21 32	1 41	23 0	0 13	1 32	0 53	17 4	0 55	16 6	15 56	4 31	9 43	1 50
T 14	18 47	26 31	4 27	20 53	0 32	27 2	4 8	18 3	1 55	4 22	1 25	21 32	1 41	23 0	0 13	1 33	0 54	17 4	0 55	16 9	15 57	4 28	9 44	1 50
F 15	19 1	26 58	3 48	21 28	0 42	26 59	4 8	17 53	1 54	4 21	1 25	21 32	1 41	23 0	0 13	1 34	0 54	17 4	0 55	16 12	15 58	4 25	9 45	1 50
S 16	19 15	25 52	2 57	22 1	0 53	26 56	4 9	17 43	1 53	4 19	1 25	21 32	1 41	23 0	0 13	1 34	0 54	17 4	0 55	16 14	15 59	4 22	9 46	1 50
S 17	19 28	23 26	1 59	22 31	1 3	26 53	4 9	17 33	1 52	4 18	1 24	21 32	1 41	23 0	0 13	1 35	0 54	17 4	0 55	16 15	16 0	4 18	9 47	1 50
M18	19 41	19 58	0 56	22 59	1 13	26 49	4 10	17 23	1 51	4 16	1 24	21 32	1 41	23 0	0 13	1 36	0 54	17 4	0 55	16 16	16 1	4 15	9 48	1 50
T 19	19 54	15 43	0n 8	23 26	1 23	26 45	4 10	17 13	1 50	4 15	1 24	21 32	1 41	23 1	0 13	1 36	0 54	17 4	0 55	16 16	16 2	4 12	9 50	1 50
W20	20 6	10 55	1 11	23 49	1 32	26 41	4 9	17 3	1 49	4 14	1 24	21 32	1 41	23 1	0 13	1 37	0 54	17 4	0 55	16 16	16 2	4 9	9 51	1 50
T 21	20 18	5 46	2 10	24 11	1 41	26 36	4 9	16 52	1 48	4 13	1 24	21 32	1 41	23 1	0 13	1 37	0 54	17 4	0 55	16 16	16 3	4 5	9 52	1 50
F 22	20 29	0 25	3 3	24 29	1 49	26 31	4 8	16 42	1 47	4 12	1 23	21 32	1 41	23 1	0 13	1 38	0 54	17 4	0 55	16 17	16 4	4 2	9 53	1 50
S 23	20 41	4n58	3 49	24 46	1 56	26 25	4 7	16 31	1 46	4 11	1 23	21 32	1 41	23 1	0 13	1 38	0 54	17 3	0 54	16 18	16 5	3 59	9 54	1 49
S 24	20 51	10 14	4 26	25 0	2 3	26 20	4 6	16 21	1 45	4 10	1 23	21 32	1 41	23 1	0 13	1 39	0 54	17 3	0 54	16 20	16 6	3 56	9 55	1 49
M25	21 2	15 12	4 50	25 12	2 9	26 14	4 5	16 10	1 45	4 9	1 23	21 32	1 41	23 2	0 13	1 39	0 54	17 3	0 54	16 22	16 7	3 52	9 56	1 49
T 26	21 12	19 39	5 2	25 21	2 14	26 8	4 3	15 59	1 44	4 8	1 23	21 32	1 41	23 2	0 13	1 40	0 54	17 3	0 54	16 25	16 8	3 49	9 57	1 49
W27	21 22	23 17	4 58	25 29	2 18	26 1	4 1	15 48	1 43	4 7	1 22	21 32	1 42	23 2	0 14	1 40	0 54	17 3	0 54	16 29	16 9	3 46	9 58	1 49
T 28	21 31	25 48	4 39	25 34	2 21	25 54	3 59	15 37	1 42	4 7	1 22	21 32	1 42	23 2	0 14	1 41	0 54	17 3	0 54	16 32	16 10	3 43	9 59	1 49
F 29	21 40	26 55	4 5	25 37	2 24	25 48	3 56	15 26	1 41	4 6	1 22	21 32	1 42	23 2	0 14	1 41	0 54	17 3	0 54	16 35	16 11	3 39	10 0	1 49
S 30	21 48	26 27	3 16	25 39	2 25	25 41	3 53	15 15	1 40	4 6	1 22	21 32	1 42	23 2	0 14	1 42	0 54	17 2	0 54	16 37	16 12	3 36	10 1	1 49
S 31	21n56	24n21	2n15	25n39	2n26	25n33	3n50	15n 4	1n39	4s 5	1n22	21s32	1n42	23s 3	0s14	1n42	0s54	17n 2	0s54	16s38	16s13	3s33	10n 2	1n49

Julian Day Number = 3059794.5, Delta T = 02h30m55s
Ecliptic obliquity = 23°13'37, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'13, Lahiri = 47°12'14

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

JUNE 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 42 52	12♊18'10	1♌ 9	3♋17	20♋21	24♌13	13°R38	0°R59	10°R26	6♈27	8♌48	13°R24	14♒53	14♓56	21♈37	M 1
T 2	16 46 48	13°16'22	15° 9	4°26	20°46	24°45	13♎37	0♑55	10♑24	6°28	8°48	13°D23	14°50	15° 3	21°39	T 2
W 3	16 50 45	14°14'32	29°13	5°31	21° 9	25°17	13°35	0°51	10°22	6°29	8°49	13♒24	14°47	15°10	21°42	W 3
T 4	16 54 42	15°12'40	13♍20	6°32	21°29	25°50	13°34	0°47	10°20	6°31	8°50	13°R24	14°43	15°16	21°44	T 4
F 5	16 58 38	16°10'46	27°30	7°28	21°48	26°22	13°34	0°42	10°18	6°32	8°51	13°24	14°40	15°23	21°47	F 5
S 6	17 2 35	17° 8'51	11♎39	8°19	22° 5	26°54	13°33	0°38	10°15	6°33	8°52	13°21	14°37	15°30	21°49	S 6
S 7	17 6 31	18° 6'53	25°48	9° 6	22°20	27°27	13°33	0°34	10°13	6°34	8°53	13°17	14°34	15°36	21°51	S 7
M 8	17 10 28	19° 4'54	9♏52	9°48	22°33	27°59	13°33	0°29	10°11	6°35	8°55	13°10	14°31	15°43	21°54	M 8
T 9	17 14 24	20° 2'53	23°47	10°25	22°44	28°32	13°D33	0°25	10° 9	6°36	8°56	13° 2	14°28	15°50	21°56	T 9
W10	17 18 21	21° 0'51	7♐32	10°57	22°53	29° 4	13°33	0°21	10° 6	6°37	8°57	12°53	14°24	15°56	21°58	W10
T 11	17 22 18	21°58'47	21° 1	11°25	22°59	29°37	13°33	0°16	10° 4	6°37	8°58	12°45	14°21	16° 3	22° 0	T 11
F 12	17 26 14	22°56'42	4♑12	11°47	23° 4	0♍10	13°34	0°12	10° 2	6°38	8°59	12°38	14°18	16°10	22° 2	F 12
S 13	17 30 11	23°54'35	17° 5	12° 5	23°R 5	0°43	13°34	0° 7	9°59	6°39	9° 0	12°33	14°15	16°16	22° 4	S 13
S 14	17 34 7	24°52'27	29°40	12°17	23° 5	1°15	13°35	0° 3	9°57	6°40	9° 1	12°30	14°12	16°23	22° 6	S 14
M15	17 38 4	25°50'18	11♒58	12°25	23° 2	1°49	13°36	29♐58	9°55	6°41	9° 2	12°D29	14° 9	16°30	22° 8	M15
T 16	17 42 0	26°48'07	24° 3	12°R28	22°57	2°22	13°38	29°54	9°52	6°41	9° 4	12°30	14° 5	16°36	22°10	T 16
W17	17 45 57	27°45'55	5♓59	12°26	22°49	2°55	13°39	29°49	9°50	6°42	9° 5	12°31	14° 2	16°43	22°12	W17
T 18	17 49 53	28°43'43	17°49	12°20	22°39	3°28	13°41	29°45	9°48	6°43	9° 6	12°32	13°59	16°50	22°14	T 18
F 19	17 53 50	29°41'29	29°40	12° 9	22°26	4° 1	13°42	29°40	9°45	6°43	9° 7	12°R33	13°56	16°56	22°16	F 19
S 20	17 57 47	0♋39'14	11♈36	11°54	22°11	4°35	13°44	29°36	9°43	6°44	9° 8	12°32	13°53	17° 3	22°18	S 20
S 21	18 1 43	1°36'58	23°42	11°36	21°54	5° 8	13°46	29°31	9°40	6°45	9°10	12°30	13°49	17°10	22°19	S 21
M22	18 5 40	2°34'42	6♉ 3	11°13	21°35	5°42	13°49	29°27	9°38	6°45	9°11	12°26	13°46	17°16	22°21	M22
T 23	18 9 36	3°32'24	18°41	10°48	21°13	6°15	13°51	29°22	9°35	6°46	9°12	12°21	13°43	17°23	22°23	T 23
W24	18 13 33	4°30'06	1♊40	10°20	20°49	6°49	13°54	29°18	9°33	6°46	9°14	12°14	13°40	17°30	22°24	W24
T 25	18 17 29	5°27'46	15° 0	9°50	20°23	7°23	13°57	29°14	9°30	6°47	9°15	12° 8	13°37	17°36	22°26	T 25
F 26	18 21 26	6°25'26	28°40	9°18	19°55	7°57	14° 0	29° 9	9°28	6°47	9°16	12° 3	13°34	17°43	22°27	F 26
S 27	18 25 22	7°23'05	12♋38	8°45	19°25	8°30	14° 3	29° 5	9°25	6°47	9°18	11°59	13°30	17°50	22°29	S 27
S 28	18 29 19	8°20'42	26°49	8°12	18°53	9° 4	14° 6	29° 0	9°23	6°48	9°19	11°56	13°27	17°56	22°30	S 28
M29	18 33 16	9°18'18	11♌ 9	7°38	18°20	9°38	14°10	28°56	9°20	6°48	9°20	11°D56	13°24	18° 3	22°31	M29
T 30	18 37 12	10♋15'53	25♌32	7♋ 5	17♋46	10♍12	14♎13	28♐51	9♑18	6♈48	9♌22	11♒56	13♒21	18♓10	22♈33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 4	20n47	1n 5	25n37	2n26	25n26	3n47	14n52	1n38	4s 5	1n21	21s32	1n42	23s 3	0s14	1n43	0s54	17n 2	0s54	16s39	16s14	3s30	10n 3	1n49
T 2	22 11	16 0	0s 9	25 33	2 24	25 18	3 43	14 41	1 37	4 5	1 21	21 32	1 42	23 3	0 14	1 43	0 54	17 2	0 54	16 39	16 14	3 26	10 4	1 49
W 3	22 18	10 20	1 24	25 29	2 22	25 11	3 38	14 29	1 36	4 4	1 21	21 32	1 42	23 3	0 14	1 43	0 54	17 2	0 54	16 39	16 15	3 23	10 5	1 49
T 4	22 25	4 8	2 33	25 23	2 19	25 3	3 34	14 18	1 35	4 4	1 21	21 32	1 41	23 3	0 14	1 44	0 54	17 2	0 54	16 39	16 16	3 20	10 6	1 49
F 5	22 31	2s17	3 33	25 15	2 14	24 55	3 29	14 6	1 34	4 4	1 21	21 32	1 41	23 4	0 14	1 44	0 54	17 1	0 53	16 39	16 17	3 17	10 6	1 50
S 6	22 37	8 34	4 21	25 7	2 9	24 47	3 24	13 54	1 34	4 4	1 20	21 32	1 41	23 4	0 14	1 45	0 54	17 1	0 53	16 40	16 18	3 13	10 7	1 50
S 7	22 42	14 25	4 52	24 57	2 2	24 39	3 18	13 42	1 33	4 4	1 20	21 32	1 41	23 4	0 14	1 45	0 54	17 1	0 53	16 41	16 19	3 10	10 8	1 50
M 8	22 47	19 28	5 5	24 47	1 55	24 31	3 12	13 30	1 32	4 4	1 20	21 32	1 41	23 4	0 14	1 45	0 54	17 1	0 53	16 43	16 20	3 7	10 9	1 50
T 9	22 51	23 24	5 0	24 35	1 46	24 23	3 5	13 18	1 31	4 4	1 20	21 32	1 41	23 4	0 14	1 46	0 54	17 1	0 53	16 45	16 21	3 4	10 10	1 50
W10	22 56	25 57	4 38	24 23	1 37	24 14	2 58	13 6	1 30	4 5	1 19	21 32	1 41	23 4	0 14	1 46	0 54	17 0	0 53	16 48	16 22	3 0	10 11	1 50
T 11	22 59	26 56	4 1	24 11	1 27	24 6	2 51	12 54	1 29	4 5	1 19	21 32	1 41	23 5	0 14	1 46	0 54	17 0	0 53	16 50	16 23	2 57	10 12	1 50
F 12	23 2	26 21	3 11	23 57	1 15	23 57	2 43	12 42	1 28	4 5	1 19	21 32	1 41	23 5	0 14	1 47	0 55	17 0	0 53	16 52	16 24	2 54	10 12	1 50
S 13	23 5	24 20	2 13	23 43	1 3	23 49	2 35	12 29	1 28	4 6	1 19	21 32	1 41	23 5	0 14	1 47	0 55	17 0	0 53	16 53	16 25	2 51	10 13	1 50
S 14	23 8	21 10	1 9	23 29	0 49	23 40	2 26	12 17	1 27	4 6	1 19	21 32	1 41	23 5	0 14	1 47	0 55	17 0	0 53	16 54	16 25	2 47	10 14	1 50
M15	23 10	17 6	0 3	23 14	0 35	23 32	2 17	12 5	1 26	4 7	1 18	21 32	1 41	23 5	0 14	1 47	0 55	16 59	0 53	16 54	16 26	2 44	10 15	1 50
T 16	23 11	12 24	1n 2	22 59	0 20	23 23	2 7	11 52	1 25	4 8	1 18	21 33	1 41	23 6	0 14	1 48	0 55	16 59	0 53	16 54	16 27	2 41	10 15	1 50
W17	23 12	7 19	2 4	22 44	0 5	23 15	1 57	11 39	1 24	4 9	1 18	21 33	1 41	23 6	0 14	1 48	0 55	16 59	0 53	16 54	16 28	2 38	10 16	1 50
T 18	23 13	2 1	3 0	22 28	0s12	23 6	1 47	11 27	1 23	4 9	1 18	21 33	1 41	23 6	0 14	1 48	0 55	16 59	0 52	16 54	16 29	2 34	10 17	1 50
F 19	23 14	3n21	3 48	22 12	0 28	22 57	1 36	11 14	1 23	4 10	1 17	21 33	1 41	23 6	0 14	1 48	0 55	16 58	0 52	16 53	16 30	2 31	10 17	1 50
S 20	23 14	8 38	4 26	21 56	0 46	22 48	1 24	11 1	1 22	4 11	1 17	21 33	1 41	23 6	0 14	1 49	0 55	16 58	0 52	16 54	16 31	2 28	10 18	1 50
S 21	23 13	13 40	4 54	21 41	1 3	22 39	1 13	10 48	1 21	4 12	1 17	21 33	1 41	23 7	0 14	1 49	0 55	16 58	0 52	16 54	16 32	2 25	10 19	1 50
M22	23 12	18 16	5 8	21 25	1 21	22 30	1 0	10 35	1 20	4 13	1 17	21 33	1 41	23 7	0 14	1 49	0 55	16 58	0 52	16 55	16 33	2 21	10 19	1 50
T 23	23 11	22 10	5 8	21 9	1 39	22 21	0 48	10 22	1 19	4 14	1 17	21 33	1 41	23 7	0 14	1 49	0 55	16 57	0 52	16 57	16 34	2 18	10 20	1 50
W24	23 9	25 5	4 53	20 54	1 56	22 12	0 35	10 9	1 19	4 16	1 16	21 33	1 41	23 7	0 14	1 49	0 55	16 57	0 52	16 59	16 35	2 15	10 21	1 50
T 25	23 7	26 43	4 21	20 39	2 14	22 3	0 21	9 56	1 18	4 17	1 16	21 33	1 40	23 7	0 14	1 49	0 55	16 57	0 52	17 0	16 35	2 12	10 21	1 50
F 26	23 4	26 47	3 34	20 24	2 30	21 54	0 8	9 43	1 17	4 18	1 16	21 33	1 40	23 7	0 14	1 50	0 55	16 56	0 52	17 2	16 36	2 9	10 22	1 50
S 27	23 1	25 10	2 33	20 10	2 47	21 44	0s 6	9 29	1 16	4 20	1 16	21 33	1 40	23 8	0 14	1 50	0 55	16 56	0 52	17 3	16 37	2 5	10 22	1 50
S 28	22 58	21 57	1 22	19 57	3 2	21 35	0 20	9 16	1 15	4 21	1 15	21 33	1 40	23 8	0 14	1 50	0 55	16 56	0 52	17 4	16 38	2 2	10 23	1 50
M29	22 54	17 21	0 4	19 44	3 17	21 25	0 34	9 2	1 15	4 23	1 15	21 33	1 40	23 8	0 14	1 50	0 55	16 56	0 52	17 4	16 39	1 59	10 23	1 50
T 30	22n50	11n44	1s14	19n32	3s30	21n15	0s49	8n49	1n14	4s24	1n15	21s33	1n40	23s 8	0s14	1n50	0s55	16n55	0s52	17s 4	16s40	1s56	10n24	1n50

Julian Day Number = 3059825.5, Delta T = 02h30m56s
Ecliptic obliquity = 23°13'36, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'18, Lahiri = 47°12'18

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

JULY 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 41 9	11♋13'27	9♍56	6°R34	17°R11	10♍47	14♎17	28°R47	9°R15	6♈49	9♌23	11♒57	13♒18	18♓17	22♈34	W 1
T 2	18 45 5	12°11'00	24°16	6♋ 4	16♋34	11°21	14°21	28♐43	9♑13	6°49	9°24	11°59	13°15	18°23	22°35	T 2
F 3	18 49 2	13° 8'31	8♎30	5°36	15°57	11°55	14°25	28°39	9°11	6°49	9°26	12°R 0	13°11	18°30	22°36	F 3
S 4	18 52 58	14° 6'01	22°35	5°11	15°20	12°29	14°30	28°34	9° 8	6°49	9°27	11°59	13° 8	18°37	22°37	S 4
S 5	18 56 55	15° 3'30	6♏30	4°49	14°42	13° 4	14°34	28°30	9° 6	6°49	9°29	11°58	13° 5	18°43	22°38	S 5
M 6	19 0 52	16° 0'58	20°13	4°30	14° 4	13°38	14°39	28°26	9° 3	6°49	9°30	11°55	13° 2	18°50	22°39	M 6
T 7	19 4 48	16°58'25	3♐45	4°15	13°27	14°13	14°43	28°22	9° 1	6°49	9°32	11°52	12°59	18°57	22°40	T 7
W 8	19 8 45	17°55'51	17° 3	4° 4	12°50	14°47	14°48	28°18	8°58	6°R49	9°33	11°49	12°55	19° 3	22°41	W 8
T 9	19 12 41	18°53'16	0♑ 8	3°58	12°14	15°22	14°54	28°14	8°56	6°49	9°34	11°45	12°52	19°10	22°42	T 9
F 10	19 16 38	19°50'40	12°58	3°D55	11°39	15°56	14°59	28°10	8°53	6°49	9°36	11°42	12°49	19°17	22°43	F 10
S 11	19 20 34	20°48'04	25°34	3°57	11° 6	16°31	15° 4	28° 6	8°51	6°49	9°37	11°41	12°46	19°23	22°43	S 11
S 12	19 24 31	21°45'27	7♒56	4° 4	10°33	17° 6	15°10	28° 2	8°49	6°49	9°39	11°D40	12°43	19°30	22°44	S 12
M13	19 28 27	22°42'49	20° 7	4°15	10° 2	17°41	15°15	27°58	8°46	6°49	9°40	11°40	12°40	19°37	22°45	M13
T 14	19 32 24	23°40'10	2♓ 7	4°31	9°33	18°16	15°21	27°54	8°44	6°49	9°42	11°41	12°36	19°43	22°45	T 14
W15	19 36 21	24°37'32	14° 1	4°52	9° 6	18°50	15°27	27°50	8°41	6°49	9°43	11°42	12°33	19°50	22°46	W15
T 16	19 40 17	25°34'53	25°51	5°17	8°41	19°25	15°33	27°46	8°39	6°49	9°45	11°44	12°30	19°57	22°46	T 16
F 17	19 44 14	26°32'13	7♈42	5°47	8°18	20° 0	15°39	27°43	8°37	6°48	9°46	11°45	12°27	20° 3	22°47	F 17
S 18	19 48 10	27°29'34	19°38	6°21	7°58	20°36	15°46	27°39	8°34	6°48	9°48	11°46	12°24	20°10	22°47	S 18
S 19	19 52 7	28°26'54	1♉44	7° 0	7°39	21°11	15°52	27°36	8°32	6°48	9°49	11°R46	12°21	20°17	22°47	S 19
M20	19 56 3	29°24'14	14° 4	7°43	7°23	21°46	15°59	27°32	8°30	6°47	9°51	11°45	12°17	20°23	22°48	M20
T 21	20 0 0	0♌21'34	26°42	8°30	7° 9	22°21	16° 6	27°29	8°28	6°47	9°52	11°44	12°14	20°30	22°48	T 21
W22	20 3 56	1°18'54	9♊43	9°22	6°58	22°56	16°13	27°25	8°25	6°46	9°54	11°43	12°11	20°37	22°48	W22
T 23	20 7 53	2°16'14	23° 7	10°17	6°49	23°32	16°20	27°22	8°23	6°46	9°56	11°42	12° 8	20°43	22°48	T 23
F 24	20 11 50	3°13'34	6♋56	11°17	6°43	24° 7	16°27	27°19	8°21	6°46	9°57	11°41	12° 5	20°50	22°R48	F 24
S 25	20 15 46	4°10'53	21° 7	12°21	6°39	24°43	16°34	27°16	8°19	6°45	9°59	11°40	12° 1	20°57	22°48	S 25
S 26	20 19 43	5° 8'13	5♌37	13°29	6°D37	25°18	16°42	27°13	8°17	6°44	10° 0	11°D40	11°58	21° 3	22°48	S 26
M27	20 23 39	6° 5'32	20°20	14°41	6°37	25°54	16°49	27°10	8°15	6°44	10° 2	11°40	11°55	21°10	22°48	M27
T 28	20 27 36	7° 2'51	5♍ 9	15°57	6°40	26°29	16°57	27° 7	8°13	6°43	10° 3	11°40	11°52	21°17	22°48	T 28
W29	20 31 32	8° 0'09	19°57	17°17	6°45	27° 5	17° 5	27° 4	8°10	6°43	10° 5	11°40	11°49	21°23	22°48	W29
T 30	20 35 29	8°57'27	4♎38	18°40	6°52	27°41	17°12	27° 1	8° 8	6°42	10° 6	11°41	11°46	21°30	22°47	T 30
F 31	20 39 25	9♌54'45	19♎ 5	20♋ 7	7♋ 2	28♍16	17♎21	26♐58	8♑ 6	6♈41	10♌ 8	11♒41	11♒42	21♓37	22♈47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n45	5n30	2s27	19n22	3s43	21n 6	1s 3	8n35	1n13	4s26	1n15	21s33	1n40	23s 8	0s14	1n50	0s55	16n55	0s52	17s 3	16s41	1s52	10n24	1n50
T 2	22 40	0s59	3 31	19 12	3 54	20 56	1 17	8 22	1 12	4 28	1 15	21 34	1 40	23 9	0 14	1 50	0 55	16 55	0 51	17 3	16 42	1 49	10 25	1 50
F 3	22 35	7 21	4 22	19 3	4 4	20 46	1 32	8 8	1 12	4 30	1 14	21 34	1 40	23 9	0 14	1 50	0 55	16 54	0 51	17 3	16 43	1 46	10 25	1 50
S 4	22 29	13 17	4 56	18 56	4 12	20 36	1 46	7 54	1 11	4 31	1 14	21 34	1 39	23 9	0 14	1 50	0 55	16 54	0 51	17 3	16 44	1 43	10 26	1 50
S 5	22 23	18 29	5 12	18 49	4 19	20 26	2 0	7 41	1 10	4 33	1 14	21 34	1 39	23 9	0 14	1 50	0 55	16 54	0 51	17 3	16 44	1 39	10 26	1 50
M 6	22 17	22 37	5 10	18 44	4 25	20 17	2 13	7 27	1 9	4 35	1 14	21 34	1 39	23 9	0 14	1 50	0 55	16 54	0 51	17 4	16 45	1 36	10 27	1 50
T 7	22 10	25 29	4 51	18 40	4 29	20 7	2 27	7 13	1 9	4 37	1 14	21 34	1 39	23 9	0 14	1 50	0 55	16 53	0 51	17 5	16 46	1 33	10 27	1 50
W 8	22 2	26 52	4 17	18 38	4 32	19 58	2 40	6 59	1 8	4 39	1 13	21 34	1 39	23 10	0 14	1 50	0 56	16 53	0 51	17 6	16 47	1 30	10 27	1 50
T 9	21 55	26 43	3 29	18 36	4 34	19 48	2 53	6 45	1 7	4 41	1 13	21 34	1 39	23 10	0 14	1 50	0 56	16 53	0 51	17 7	16 48	1 26	10 28	1 50
F 10	21 46	25 7	2 32	18 36	4 34	19 39	3 5	6 31	1 6	4 44	1 13	21 34	1 39	23 10	0 14	1 50	0 56	16 52	0 51	17 7	16 49	1 23	10 28	1 50
S 11	21 38	22 17	1 28	18 37	4 34	19 30	3 17	6 17	1 6	4 46	1 13	21 34	1 39	23 10	0 14	1 50	0 56	16 52	0 51	17 8	16 50	1 20	10 28	1 50
S 12	21 29	18 27	0 21	18 38	4 32	19 21	3 28	6 3	1 5	4 48	1 12	21 34	1 38	23 10	0 14	1 50	0 56	16 52	0 51	17 8	16 51	1 17	10 28	1 50
M13	21 20	13 55	0n46	18 41	4 28	19 13	3 39	5 49	1 4	4 51	1 12	21 34	1 38	23 10	0 14	1 50	0 56	16 51	0 51	17 8	16 52	1 13	10 29	1 50
T 14	21 10	8 54	1 51	18 45	4 24	19 5	3 49	5 35	1 3	4 53	1 12	21 34	1 38	23 11	0 14	1 50	0 56	16 51	0 51	17 8	16 52	1 10	10 29	1 50
W15	21 1	3 38	2 49	18 49	4 19	18 57	3 59	5 20	1 3	4 55	1 12	21 35	1 38	23 11	0 14	1 50	0 56	16 51	0 51	17 7	16 53	1 7	10 29	1 50
T 16	20 50	1n45	3 41	18 55	4 13	18 49	4 8	5 6	1 2	4 58	1 12	21 35	1 38	23 11	0 14	1 49	0 56	16 50	0 51	17 7	16 54	1 4	10 29	1 50
F 17	20 40	7 3	4 22	19 0	4 6	18 42	4 16	4 52	1 1	5 0	1 12	21 35	1 38	23 11	0 14	1 49	0 56	16 50	0 51	17 7	16 55	1 0	10 30	1 50
S 18	20 29	12 9	4 53	19 7	3 58	18 36	4 24	4 37	1 0	5 3	1 11	21 35	1 38	23 11	0 14	1 49	0 56	16 50	0 50	17 7	16 56	0 57	10 30	1 50
S 19	20 17	16 51	5 12	19 13	3 49	18 29	4 32	4 23	1 0	5 6	1 11	21 35	1 37	23 11	0 14	1 49	0 56	16 49	0 50	17 6	16 57	0 54	10 30	1 50
M20	20 6	20 57	5 16	19 20	3 40	18 23	4 38	4 9	0 59	5 8	1 11	21 35	1 37	23 12	0 14	1 49	0 56	16 49	0 50	17 7	16 58	0 51	10 30	1 50
T 21	19 54	24 12	5 6	19 27	3 30	18 18	4 45	3 54	0 58	5 11	1 11	21 35	1 37	23 12	0 14	1 49	0 56	16 49	0 50	17 7	16 59	0 48	10 30	1 50
W22	19 41	26 19	4 40	19 34	3 20	18 13	4 50	3 40	0 58	5 14	1 11	21 35	1 37	23 12	0 14	1 48	0 56	16 48	0 50	17 7	16 59	0 44	10 30	1 50
T 23	19 29	27 0	3 58	19 41	3 9	18 8	4 55	3 25	0 57	5 17	1 10	21 35	1 37	23 12	0 14	1 48	0 56	16 48	0 50	17 8	17 0	0 41	10 30	1 51
F 24	19 16	26 3	3 1	19 48	2 58	18 4	5 0	3 11	0 56	5 20	1 10	21 35	1 37	23 12	0 14	1 48	0 56	16 48	0 50	17 8	17 1	0 38	10 30	1 51
S 25	19 2	23 25	1 52	19 54	2 46	18 0	5 4	2 56	0 55	5 23	1 10	21 36	1 36	23 12	0 14	1 48	0 56	16 47	0 50	17 8	17 2	0 35	10 30	1 51
S 26	18 49	19 14	0 33	20 0	2 34	17 57	5 8	2 41	0 55	5 26	1 10	21 36	1 36	23 12	0 14	1 47	0 56	16 47	0 50	17 8	17 3	0 31	10 30	1 51
M27	18 35	13 49	0s48	20 5	2 21	17 53	5 11	2 27	0 54	5 29	1 10	21 36	1 36	23 13	0 14	1 47	0 56	16 46	0 50	17 8	17 4	0 28	10 30	1 51
T 28	18 21	7 34	2 7	20 9	2 9	17 51	5 13	2 12	0 53	5 32	1 9	21 36	1 36	23 13	0 14	1 47	0 56	16 46	0 50	17 8	17 5	0 25	10 30	1 51
W29	18 6	0 55	3 17	20 12	1 56	17 48	5 15	1 57	0 53	5 35	1 9	21 36	1 36	23 13	0 14	1 47	0 56	16 46	0 50	17 8	17 6	0 22	10 30	1 51
T 30	17 52	5s42	4 14	20 14	1 43	17 46	5 17	1 43	0 52	5 38	1 9	21 36	1 36	23 13	0 14	1 46	0 56	16 45	0 50	17 8	17 7	0 18	10 30	1 51
F 31	17n36	11s56	4s53	20n15	1s30	17n44	5s19	1n28	0n51	5s41	1n 9	21s36	1n35	23s13	0s14	1n46	0s56	16n45	0s50	17s 8	17s 7	0s15	10n30	1n51

Julian Day Number = 3059855.5, Delta T = 02h30m57s
Ecliptic obliquity = 23°13'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'22, Lahiri = 47°12'22

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

AUGUST 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 43 22	10♌52'03	3♏16	21♋38	7♋13	28♍52	17♎29	26°R56	8°R 4	6°R41	10♌ 9	11♒41	11♒39	21♓43	22°R47	S 1
S 2	20 47 19	11°49'20	17° 8	23°13	7°27	29°28	17°37	26♐53	8♑ 3	6♈40	10°11	11°41	11°36	21°50	22♈46	S 2
M 3	20 51 15	12°46'37	0♐41	24°51	7°42	0♎ 4	17°45	26°51	8° 1	6°39	10°13	11°41	11°33	21°57	22°46	M 3
T 4	20 55 12	13°43'54	13°57	26°33	7°59	0°40	17°54	26°49	7°59	6°38	10°14	11°41	11°30	22° 3	22°45	T 4
W 5	20 59 8	14°41'10	26°56	28°18	8°19	1°16	18° 2	26°46	7°57	6°37	10°16	11°41	11°27	22°10	22°45	W 5
T 6	21 3 5	15°38'27	9♑39	0♌ 6	8°40	1°52	18°11	26°44	7°55	6°36	10°17	11°42	11°23	22°17	22°44	T 6
F 7	21 7 1	16°35'43	22°10	1°57	9° 2	2°28	18°20	26°42	7°53	6°36	10°19	11°42	11°20	22°23	22°43	F 7
S 8	21 10 58	17°33'00	4♒28	3°51	9°27	3° 4	18°29	26°40	7°52	6°35	10°20	11°42	11°17	22°30	22°43	S 8
S 9	21 14 55	18°30'16	16°38	5°48	9°53	3°40	18°38	26°38	7°50	6°34	10°22	11°R42	11°14	22°37	22°42	S 9
M10	21 18 51	19°27'33	28°39	7°47	10°20	4°17	18°47	26°36	7°48	6°33	10°23	11°42	11°11	22°43	22°41	M10
T 11	21 22 48	20°24'50	10♓34	9°49	10°49	4°53	18°56	26°34	7°47	6°32	10°25	11°41	11° 7	22°50	22°40	T 11
W12	21 26 44	21°22'08	22°25	11°52	11°20	5°29	19° 5	26°33	7°45	6°31	10°26	11°40	11° 4	22°57	22°39	W12
T 13	21 30 41	22°19'25	4♈15	13°57	11°52	6° 6	19°15	26°31	7°44	6°30	10°28	11°39	11° 1	23° 4	22°38	T 13
F 14	21 34 37	23°16'44	16° 6	16° 3	12°25	6°42	19°24	26°30	7°42	6°29	10°30	11°37	10°58	23°10	22°37	F 14
S 15	21 38 34	24°14'03	28° 3	18°10	13° 0	7°19	19°34	26°28	7°41	6°28	10°31	11°36	10°55	23°17	22°36	S 15
S 16	21 42 30	25°11'22	10♉ 8	20°17	13°36	7°55	19°44	26°27	7°39	6°26	10°33	11°35	10°52	23°24	22°35	S 16
M17	21 46 27	26° 8'43	22°26	22°25	14°13	8°32	19°54	26°26	7°38	6°25	10°34	11°D34	10°48	23°30	22°34	M17
T 18	21 50 23	27° 6'04	5♊ 1	24°33	14°51	9° 8	20° 3	26°25	7°37	6°24	10°36	11°34	10°45	23°37	22°33	T 18
W19	21 54 20	28° 3'26	17°58	26°41	15°30	9°45	20°13	26°24	7°35	6°23	10°37	11°35	10°42	23°44	22°31	W19
T 20	21 58 17	29° 0'48	1♋19	28°48	16°11	10°22	20°23	26°23	7°34	6°22	10°39	11°36	10°39	23°50	22°30	T 20
F 21	22 2 13	29°58'12	15° 5	0♍54	16°52	10°58	20°34	26°22	7°33	6°21	10°40	11°37	10°36	23°57	22°29	F 21
S 22	22 6 10	0♍55'36	29°19	2°59	17°35	11°35	20°44	26°21	7°32	6°19	10°41	11°38	10°33	24° 4	22°27	S 22
S 23	22 10 6	1°53'02	13♌56	5° 4	18°18	12°12	20°54	26°21	7°31	6°18	10°43	11°R39	10°29	24°10	22°26	S 23
M24	22 14 3	2°50'27	28°51	7° 7	19° 3	12°49	21° 5	26°20	7°29	6°17	10°44	11°38	10°26	24°17	22°24	M24
T 25	22 17 59	3°47'54	13♍58	9° 9	19°48	13°26	21°15	26°20	7°28	6°15	10°46	11°36	10°23	24°24	22°23	T 25
W26	22 21 56	4°45'21	29° 7	11°10	20°34	14° 3	21°26	26°19	7°27	6°14	10°47	11°34	10°20	24°30	22°21	W26
T 27	22 25 52	5°42'49	14♎ 7	13° 9	21°21	14°40	21°36	26°19	7°27	6°13	10°49	11°31	10°17	24°37	22°19	T 27
F 28	22 29 49	6°40'17	28°52	15° 6	22° 8	15°17	21°47	26°19	7°26	6°11	10°50	11°27	10°13	24°44	22°18	F 28
S 29	22 33 46	7°37'46	13♏15	17° 2	22°57	15°54	21°58	26°D19	7°25	6°10	10°52	11°25	10°10	24°50	22°16	S 29
S 30	22 37 42	8°35'15	27°14	18°57	23°46	16°31	22° 9	26°19	7°24	6° 9	10°53	11°23	10° 7	24°57	22°14	S 30
M31	22 41 39	9♍32'45	10♐46	20♍50	24♋36	17♎ 9	22♎19	26♐19	7♑23	6♈ 7	10♌54	11°D23	10♒ 4	25♓ 4	22♈13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n21	17s25	5s14	20n15	1s17	17n43	5s20	1n13	0n51	5s44	1n 9	21s36	1n35	23s13	0s14	1n46	0s56	16n45	0s50	17s 8	17s 8	0s12	10n30	1n51
S 2	17 5	21 51	5 16	20 12	1 3	17 42	5 20	0 58	0 50	5 48	1 9	21 36	1 35	23 13	0 14	1 45	0 56	16 44	0 50	17 8	17 9	0 9	10 30	1 51
M 3	16 50	25 0	5 0	20 8	0 50	17 40	5 20	0 44	0 49	5 51	1 8	21 37	1 35	23 13	0 14	1 45	0 57	16 44	0 49	17 8	17 10	0 6	10 30	1 51
T 4	16 33	26 43	4 29	20 3	0 38	17 40	5 20	0 29	0 49	5 54	1 8	21 37	1 35	23 14	0 14	1 45	0 57	16 44	0 49	17 8	17 11	0 2	10 29	1 51
W 5	16 17	26 55	3 44	19 55	0 25	17 39	5 20	0 14	0 48	5 58	1 8	21 37	1 34	23 14	0 14	1 44	0 57	16 43	0 49	17 8	17 12	0n 1	10 29	1 51
T 6	16 0	25 41	2 49	19 45	0 12	17 38	5 19	0s 1	0 47	6 1	1 8	21 37	1 34	23 14	0 14	1 44	0 57	16 43	0 49	17 8	17 13	0 4	10 29	1 51
F 7	15 43	23 10	1 46	19 33	0 0	17 38	5 18	0 16	0 46	6 5	1 8	21 37	1 34	23 14	0 14	1 44	0 57	16 43	0 49	17 7	17 13	0 7	10 29	1 51
S 8	15 26	19 37	0 40	19 18	0n11	17 37	5 17	0 31	0 46	6 8	1 8	21 37	1 34	23 14	0 14	1 43	0 57	16 42	0 49	17 7	17 14	0 11	10 29	1 51
S 9	15 9	15 17	0n27	19 1	0 23	17 37	5 15	0 45	0 45	6 12	1 7	21 37	1 34	23 14	0 14	1 43	0 57	16 42	0 49	17 7	17 15	0 14	10 28	1 51
M10	14 51	10 24	1 33	18 42	0 33	17 37	5 14	1 0	0 44	6 15	1 7	21 38	1 33	23 14	0 14	1 42	0 57	16 42	0 49	17 7	17 16	0 17	10 28	1 51
T 11	14 33	5 10	2 33	18 20	0 43	17 37	5 12	1 15	0 44	6 19	1 7	21 38	1 33	23 14	0 14	1 42	0 57	16 41	0 49	17 8	17 17	0 20	10 28	1 51
W12	14 15	0n11	3 27	17 55	0 53	17 37	5 9	1 30	0 43	6 23	1 7	21 38	1 33	23 14	0 14	1 42	0 57	16 41	0 49	17 8	17 18	0 23	10 27	1 51
T 13	13 57	5 32	4 12	17 29	1 1	17 36	5 7	1 45	0 42	6 26	1 7	21 38	1 33	23 14	0 14	1 41	0 57	16 40	0 49	17 8	17 19	0 27	10 27	1 51
F 14	13 38	10 41	4 46	16 59	1 9	17 36	5 4	2 0	0 42	6 30	1 7	21 38	1 33	23 14	0 14	1 41	0 57	16 40	0 49	17 9	17 20	0 30	10 27	1 51
S 15	13 20	15 28	5 7	16 28	1 17	17 36	5 2	2 15	0 41	6 34	1 7	21 38	1 32	23 15	0 14	1 40	0 57	16 40	0 49	17 9	17 20	0 33	10 26	1 51
S 16	13 1	19 43	5 16	15 54	1 23	17 35	4 59	2 30	0 40	6 37	1 6	21 39	1 32	23 15	0 14	1 40	0 57	16 39	0 49	17 9	17 21	0 36	10 26	1 51
M17	12 41	23 13	5 11	15 19	1 28	17 35	4 55	2 45	0 40	6 41	1 6	21 39	1 32	23 15	0 14	1 39	0 57	16 39	0 49	17 10	17 22	0 39	10 25	1 51
T 18	12 22	25 42	4 50	14 41	1 33	17 34	4 52	2 59	0 39	6 45	1 6	21 39	1 32	23 15	0 14	1 39	0 57	16 39	0 49	17 10	17 23	0 43	10 25	1 51
W19	12 3	26 55	4 15	14 2	1 37	17 33	4 49	3 14	0 38	6 49	1 6	21 39	1 32	23 15	0 14	1 38	0 57	16 38	0 49	17 9	17 24	0 46	10 24	1 51
T 20	11 43	26 38	3 25	13 22	1 40	17 32	4 45	3 29	0 38	6 53	1 6	21 39	1 31	23 15	0 14	1 38	0 57	16 38	0 49	17 9	17 25	0 49	10 24	1 51
F 21	11 23	24 43	2 21	12 39	1 43	17 31	4 41	3 44	0 37	6 57	1 6	21 39	1 31	23 15	0 14	1 37	0 57	16 38	0 48	17 9	17 26	0 52	10 23	1 51
S 22	11 3	21 13	1 8	11 56	1 44	17 30	4 38	3 59	0 37	7 1	1 6	21 40	1 31	23 15	0 14	1 37	0 57	16 37	0 48	17 8	17 26	0 56	10 23	1 51
S 23	10 43	16 18	0s13	11 12	1 45	17 28	4 34	4 14	0 36	7 5	1 5	21 40	1 31	23 15	0 14	1 36	0 57	16 37	0 48	17 8	17 27	0 59	10 22	1 51
M24	10 22	10 18	1 33	10 27	1 45	17 26	4 30	4 29	0 35	7 8	1 5	21 40	1 31	23 15	0 14	1 36	0 57	16 37	0 48	17 9	17 28	1 2	10 22	1 51
T 25	10 2	3 39	2 49	9 41	1 44	17 24	4 25	4 43	0 35	7 12	1 5	21 40	1 30	23 15	0 14	1 35	0 57	16 36	0 48	17 9	17 29	1 5	10 21	1 51
W26	9 41	3s12	3 52	8 54	1 43	17 22	4 21	4 58	0 34	7 17	1 5	21 40	1 30	23 15	0 14	1 35	0 57	16 36	0 48	17 10	17 30	1 8	10 21	1 51
T 27	9 20	9 49	4 39	8 7	1 41	17 19	4 17	5 13	0 33	7 21	1 5	21 41	1 30	23 15	0 14	1 34	0 57	16 36	0 48	17 11	17 31	1 12	10 20	1 51
F 28	8 59	15 45	5 7	7 20	1 39	17 16	4 12	5 28	0 33	7 25	1 5	21 41	1 30	23 15	0 14	1 34	0 57	16 35	0 48	17 11	17 31	1 15	10 20	1 51
S 29	8 38	20 40	5 14	6 33	1 36	17 13	4 8	5 43	0 32	7 29	1 5	21 41	1 30	23 15	0 14	1 33	0 57	16 35	0 48	17 12	17 32	1 18	10 19	1 51
S 30	8 17	24 16	5 2	5 45	1 32	17 10	4 3	5 57	0 31	7 33	1 5	21 41	1 29	23 16	0 14	1 32	0 57	16 35	0 48	17 13	17 33	1 21	10 18	1 51
M31	7n55	26s23	4s34	4n57	1n28	17n 6	3s59	6s12	0n31	7s37	1n 5	21s42	1n29	23s16	0s14	1n32	0s57	16n34	0s48	17s13	17s34	1n24	10n18	1n51

Julian Day Number = 3059886.5, Delta T = 02h30m58s
Ecliptic obliquity = 23°13'36, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'26, Lahiri = 47°12'27

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

SEPTEMBER 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 45 35	10♍30'16	23♐55	22♍41	25♋26	17♎46	22♎30	26♐19	7°R23	6°R 6	10♑56	11♒23	10♒ 1	25♓10	22°R11	T 1
W 2	22 49 32	11°27'47	6♑43	24°31	26°17	18°23	22°42	26°20	7♑22	6♈ 4	10°57	11°25	9°58	25°17	22♈ 9	W 2
T 3	22 53 28	12°25'19	19°14	26°19	27° 9	19° 1	22°53	26°20	7°21	6° 3	10°59	11°26	9°54	25°24	22° 7	T 3
F 4	22 57 25	13°22'52	1♒30	28° 6	28° 2	19°38	23° 4	26°21	7°21	6° 1	11° 0	11°28	9°51	25°31	22° 5	F 4
S 5	23 1 21	14°20'25	13°36	29°51	28°55	20°15	23°15	26°21	7°20	6° 0	11° 1	11°R28	9°48	25°37	22° 3	S 5
S 6	23 5 18	15°18'00	25°35	1♎35	29°48	20°53	23°26	26°22	7°20	5°58	11° 3	11°27	9°45	25°44	22° 1	S 6
M 7	23 9 15	16°15'35	7♓28	3°17	0♏43	21°30	23°38	26°23	7°19	5°57	11° 4	11°25	9°42	25°51	21°59	M 7
T 8	23 13 11	17°13'11	19°19	4°57	1°37	22° 8	23°49	26°24	7°19	5°55	11° 5	11°20	9°38	25°57	21°57	T 8
W 9	23 17 8	18°10'48	1♈10	6°36	2°33	22°46	24° 1	26°25	7°19	5°54	11° 6	11°14	9°35	26° 4	21°55	W 9
T 10	23 21 4	19° 8'27	13° 1	8°14	3°28	23°23	24°12	26°26	7°19	5°52	11° 8	11° 8	9°32	26°11	21°53	T 10
F 11	23 25 1	20° 6'06	24°55	9°50	4°25	24° 1	24°24	26°27	7°18	5°51	11° 9	11° 1	9°29	26°17	21°50	F 11
S 12	23 28 57	21° 3'47	6♉55	11°24	5°21	24°39	24°36	26°29	7°18	5°49	11°10	10°54	9°26	26°24	21°48	S 12
S 13	23 32 54	22° 1'30	19° 3	12°57	6°19	25°17	24°47	26°30	7°18	5°47	11°11	10°48	9°23	26°31	21°46	S 13
M14	23 36 50	22°59'14	1♊22	14°29	7°16	25°55	24°59	26°32	7°D18	5°46	11°13	10°44	9°19	26°37	21°44	M14
T 15	23 40 47	23°57'00	13°56	15°59	8°14	26°32	25°11	26°33	7°18	5°44	11°14	10°42	9°16	26°44	21°41	T 15
W16	23 44 44	24°54'47	26°48	17°28	9°13	27°10	25°23	26°35	7°18	5°43	11°15	10°D42	9°13	26°51	21°39	W16
T 17	23 48 40	25°52'35	10♋ 1	18°55	10°12	27°48	25°35	26°37	7°18	5°41	11°16	10°42	9°10	26°57	21°37	T 17
F 18	23 52 37	26°50'26	23°40	20°20	11°11	28°27	25°47	26°39	7°19	5°39	11°17	10°43	9° 7	27° 4	21°34	F 18
S 19	23 56 33	27°48'18	7♌45	21°44	12°11	29° 5	25°59	26°41	7°19	5°38	11°19	10°R44	9° 4	27°11	21°32	S 19
S 20	0 0 30	28°46'11	22°16	23° 7	13°11	29°43	26°11	26°43	7°19	5°36	11°20	10°44	9° 0	27°18	21°29	S 20
M21	0 4 26	29°44'06	7♍ 9	24°28	14°12	0♏21	26°23	26°45	7°19	5°35	11°21	10°41	8°57	27°24	21°27	M21
T 22	0 8 23	0♎42'02	22°19	25°47	15°12	0°59	26°35	26°47	7°20	5°33	11°22	10°37	8°54	27°31	21°24	T 22
W23	0 12 19	1°40'00	7♎36	27° 5	16°14	1°38	26°48	26°50	7°20	5°31	11°23	10°30	8°51	27°38	21°22	W23
T 24	0 16 16	2°38'00	22°48	28°21	17°15	2°16	27° 0	26°52	7°21	5°30	11°24	10°23	8°48	27°44	21°19	T 24
F 25	0 20 13	3°36'00	7♏46	29°35	18°17	2°54	27°12	26°55	7°21	5°28	11°25	10°15	8°44	27°51	21°17	F 25
S 26	0 24 9	4°34'03	22°22	0♏47	19°19	3°33	27°25	26°57	7°22	5°26	11°26	10° 8	8°41	27°58	21°14	S 26
S 27	0 28 6	5°32'06	6♐29	1°58	20°22	4°11	27°37	27° 0	7°22	5°25	11°27	10° 2	8°38	28° 4	21°12	S 27
M28	0 32 2	6°30'11	20° 8	3° 6	21°24	4°50	27°49	27° 3	7°23	5°23	11°28	9°59	8°35	28°11	21° 9	M28
T 29	0 35 59	7°28'17	3♑18	4°12	22°27	5°28	28° 2	27° 6	7°24	5°21	11°29	9°D58	8°32	28°18	21° 6	T 29
W30	0 39 55	8♎26'24	16♑ 4	5♏16	23♌31	6♏ 7	28♎14	27♐ 9	7♑25	5♈20	11♌30	9♒58	8♒29	28♓24	21♈ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n34	26s57	3s52	4n 9	1n23	17n 2	3s54	6s27	0n30	7s41	1n 4	21s42	1n29	23s16	0s14	1n31	0s57	16n34	0s48	17s13	17s35	1n28	10n17	1n51
W 2	7 12	26 2	2 59	3 22	1 18	16 57	3 49	6 41	0 29	7 45	1 4	21 42	1 29	23 16	0 14	1 31	0 57	16 34	0 48	17 12	17 36	1 31	10 16	1 51
T 3	6 50	23 49	1 59	2 34	1 13	16 53	3 44	6 56	0 29	7 49	1 4	21 42	1 28	23 16	0 14	1 30	0 57	16 33	0 48	17 12	17 37	1 34	10 15	1 51
F 4	6 29	20 32	0 54	1 47	1 7	16 47	3 39	7 11	0 28	7 54	1 4	21 42	1 28	23 16	0 14	1 29	0 57	16 33	0 48	17 11	17 37	1 37	10 15	1 51
S 5	6 7	16 24	0n12	1 0	1 1	16 42	3 34	7 25	0 28	7 58	1 4	21 43	1 28	23 16	0 14	1 29	0 57	16 33	0 48	17 11	17 38	1 40	10 14	1 51
S 6	5 45	11 41	1 16	0 13	0 55	16 36	3 29	7 40	0 27	8 2	1 4	21 43	1 28	23 16	0 14	1 28	0 57	16 32	0 48	17 12	17 39	1 43	10 13	1 51
M 7	5 22	6 34	2 17	0s34	0 48	16 30	3 24	7 54	0 26	8 6	1 4	21 43	1 28	23 16	0 14	1 28	0 57	16 32	0 48	17 12	17 40	1 47	10 12	1 51
T 8	5 0	1 15	3 12	1 20	0 41	16 23	3 19	8 9	0 26	8 11	1 4	21 43	1 27	23 16	0 14	1 27	0 58	16 32	0 48	17 13	17 41	1 50	10 12	1 51
W 9	4 38	4n 6	3 58	2 5	0 33	16 16	3 14	8 23	0 25	8 15	1 4	21 44	1 27	23 16	0 14	1 26	0 58	16 31	0 48	17 15	17 42	1 53	10 11	1 51
T 10	4 16	9 18	4 33	2 50	0 26	16 9	3 9	8 38	0 24	8 19	1 3	21 44	1 27	23 16	0 14	1 26	0 58	16 31	0 47	17 17	17 42	1 56	10 10	1 51
F 11	3 53	14 11	4 57	3 35	0 18	16 1	3 4	8 52	0 24	8 24	1 3	21 44	1 27	23 16	0 14	1 25	0 58	16 31	0 47	17 19	17 43	1 59	10 9	1 51
S 12	3 31	18 34	5 9	4 19	0 10	15 53	2 58	9 6	0 23	8 28	1 3	21 44	1 27	23 16	0 14	1 24	0 58	16 31	0 47	17 21	17 44	2 3	10 8	1 51
S 13	3 8	22 14	5 6	5 2	0 2	15 44	2 53	9 21	0 23	8 32	1 3	21 45	1 26	23 16	0 14	1 24	0 58	16 30	0 47	17 22	17 45	2 6	10 7	1 51
M14	2 46	24 59	4 50	5 45	0s 6	15 35	2 48	9 35	0 22	8 37	1 3	21 45	1 26	23 16	0 14	1 23	0 58	16 30	0 47	17 23	17 46	2 9	10 7	1 51
T 15	2 23	26 34	4 19	6 27	0 15	15 25	2 43	9 49	0 21	8 41	1 3	21 45	1 26	23 16	0 14	1 23	0 58	16 30	0 47	17 24	17 47	2 12	10 6	1 51
W16	2 0	26 46	3 35	7 9	0 23	15 16	2 37	10 3	0 21	8 45	1 3	21 45	1 26	23 16	0 14	1 22	0 58	16 29	0 47	17 24	17 47	2 15	10 5	1 51
T 17	1 38	25 29	2 38	7 50	0 32	15 5	2 32	10 17	0 20	8 50	1 3	21 46	1 26	23 16	0 14	1 21	0 58	16 29	0 47	17 24	17 48	2 18	10 4	1 51
F 18	1 15	22 40	1 31	8 30	0 40	14 55	2 27	10 31	0 19	8 54	1 3	21 46	1 25	23 16	0 14	1 21	0 58	16 29	0 47	17 23	17 49	2 22	10 3	1 51
S 19	0 52	18 26	0 16	9 10	0 49	14 44	2 21	10 45	0 19	8 58	1 3	21 46	1 25	23 16	0 14	1 20	0 58	16 29	0 47	17 23	17 50	2 25	10 2	1 51
S 20	0 29	13 0	1s 2	9 48	0 58	14 32	2 16	10 59	0 18	9 3	1 3	21 46	1 25	23 16	0 14	1 19	0 58	16 28	0 47	17 23	17 51	2 28	10 1	1 51
M21	0 6	6 41	2 17	10 26	1 7	14 20	2 11	11 13	0 18	9 7	1 3	21 47	1 25	23 16	0 14	1 19	0 58	16 28	0 47	17 24	17 52	2 31	10 0	1 51
T 22	0s17	0s 7	3 25	11 3	1 16	14 8	2 6	11 27	0 17	9 12	1 2	21 47	1 24	23 16	0 14	1 18	0 58	16 28	0 47	17 25	17 52	2 34	9 59	1 51
W23	0 39	6 56	4 18	11 40	1 25	13 55	2 0	11 41	0 16	9 16	1 2	21 47	1 24	23 16	0 14	1 17	0 58	16 28	0 47	17 27	17 53	2 38	9 58	1 51
T 24	1 2	13 19	4 52	12 15	1 34	13 42	1 55	11 54	0 16	9 21	1 2	21 47	1 24	23 16	0 14	1 17	0 58	16 27	0 47	17 29	17 54	2 41	9 57	1 50
F 25	1 25	18 48	5 6	12 50	1 43	13 28	1 50	12 8	0 15	9 25	1 2	21 48	1 24	23 16	0 14	1 16	0 58	16 27	0 47	17 31	17 55	2 44	9 56	1 50
S 26	1 48	23 1	4 59	13 23	1 52	13 14	1 45	12 22	0 14	9 29	1 2	21 48	1 24	23 16	0 14	1 15	0 58	16 27	0 47	17 33	17 56	2 47	9 55	1 50
S 27	2 11	25 42	4 34	13 56	2 0	13 0	1 39	12 35	0 14	9 34	1 2	21 48	1 23	23 16	0 14	1 15	0 58	16 27	0 47	17 34	17 57	2 50	9 54	1 50
M28	2 34	26 46	3 55	14 27	2 9	12 45	1 34	12 49	0 13	9 38	1 2	21 48	1 23	23 15	0 14	1 14	0 58	16 26	0 47	17 35	17 57	2 53	9 53	1 50
T 29	2 56	26 15	3 3	14 58	2 18	12 30	1 29	13 2	0 13	9 43	1 2	21 49	1 23	23 15	0 14	1 13	0 58	16 26	0 47	17 36	17 58	2 56	9 52	1 50
W30	3s19	24s20	2s 5	15s27	2s26	12n14	1s24	13s15	0n12	9s47	1n 2	21s49	1n23	23s15	0s14	1n13	0s58	16n26	0s47	17s36	17s59	3n 0	9n51	1n50

Julian Day Number = 3059917.5, Delta T = 02h30m59s
Ecliptic obliquity = 23°13'37, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'30, Lahiri = 47°12'31

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

OCTOBER 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 43 52	9♎24'33	28♉29	6♏18	24♌34	6♏46	28♎27	27♐12	7♉25	5°R18	11♌31	9♒58	8♒25	28♓31	21°R 1	T 1
F 2	0 47 48	10°22'43	10♒39	7°17	25°38	7°25	28°39	27°15	7°26	5♈16	11°32	9°R59	8°22	28°38	20♈58	F 2
S 3	0 51 45	11°20'54	22°38	8°13	26°42	8° 3	28°52	27°18	7°27	5°15	11°33	9°58	8°19	28°44	20°56	S 3
S 4	0 55 41	12°19'07	4♓31	9° 7	27°47	8°42	29° 5	27°21	7°28	5°13	11°34	9°55	8°16	28°51	20°53	S 4
M 5	0 59 38	13°17'21	16°21	9°58	28°51	9°21	29°17	27°25	7°29	5°12	11°34	9°50	8°13	28°58	20°50	M 5
T 6	1 3 35	14°15'37	28°10	10°45	29°56	10° 0	29°30	27°28	7°30	5°10	11°35	9°41	8°10	29° 5	20°48	T 6
W 7	1 7 31	15°13'54	10♈ 3	11°29	1♍ 1	10°39	29°43	27°32	7°31	5° 8	11°36	9°31	8° 6	29°11	20°45	W 7
T 8	1 11 28	16°12'13	21°59	12° 9	2° 7	11°18	29°55	27°36	7°33	5° 7	11°37	9°19	8° 3	29°18	20°42	T 8
F 9	1 15 24	17°10'34	4♉ 0	12°46	3°12	11°57	0♏ 8	27°39	7°34	5° 5	11°38	9° 7	8° 0	29°25	20°40	F 9
S 10	1 19 21	18° 8'56	16° 8	13°18	4°18	12°36	0°21	27°43	7°35	5° 3	11°38	8°54	7°57	29°31	20°37	S 10
S 11	1 23 17	19° 7'21	28°25	13°45	5°24	13°15	0°33	27°47	7°37	5° 2	11°39	8°44	7°54	29°38	20°34	S 11
M12	1 27 14	20° 5'48	10♊50	14° 8	6°30	13°55	0°46	27°51	7°38	5° 0	11°40	8°36	7°50	29°45	20°31	M12
T 13	1 31 10	21° 4'16	23°28	14°25	7°37	14°34	0°59	27°55	7°39	4°59	11°41	8°30	7°47	29°51	20°29	T 13
W14	1 35 7	22° 2'47	6♋21	14°36	8°44	15°13	1°12	27°59	7°41	4°57	11°41	8°27	7°44	29°58	20°26	W14
T 15	1 39 4	23° 1'20	19°31	14°R42	9°50	15°53	1°25	28° 4	7°42	4°56	11°42	8°D26	7°41	0♈ 5	20°23	T 15
F 16	1 43 0	23°59'55	3♌ 1	14°41	10°58	16°32	1°38	28° 8	7°44	4°54	11°42	8°R26	7°38	0°11	20°20	F 16
S 17	1 46 57	24°58'32	16°55	14°34	12° 5	17°12	1°50	28°12	7°46	4°53	11°43	8°26	7°35	0°18	20°18	S 17
S 18	1 50 53	25°57'11	1♍12	14°20	13°12	17°51	2° 3	28°17	7°47	4°51	11°44	8°24	7°31	0°25	20°15	S 18
M19	1 54 50	26°55'52	15°52	13°58	14°20	18°31	2°16	28°21	7°49	4°49	11°44	8°21	7°28	0°32	20°12	M19
T 20	1 58 46	27°54'35	0♎49	13°29	15°28	19°10	2°29	28°26	7°51	4°48	11°45	8°14	7°25	0°38	20°10	T 20
W21	2 2 43	28°53'20	15°57	12°53	16°36	19°50	2°42	28°31	7°53	4°47	11°45	8° 5	7°22	0°45	20° 7	W21
T 22	2 6 39	29°52'07	1♏ 5	12°10	17°44	20°30	2°55	28°35	7°54	4°45	11°46	7°54	7°19	0°52	20° 4	T 22
F 23	2 10 36	0♏50'56	16° 4	11°20	18°52	21°10	3° 8	28°40	7°56	4°44	11°46	7°42	7°15	0°58	20° 2	F 23
S 24	2 14 33	1°49'47	0♐43	10°24	20° 1	21°49	3°21	28°45	7°58	4°42	11°47	7°32	7°12	1° 5	19°59	S 24
S 25	2 18 29	2°48'40	14°57	9°23	21°10	22°29	3°34	28°50	8° 0	4°41	11°47	7°23	7° 9	1°12	19°56	S 25
M26	2 22 26	3°47'35	28°41	8°18	22°18	23° 9	3°47	28°55	8° 2	4°39	11°47	7°18	7° 6	1°18	19°54	M26
T 27	2 26 22	4°46'31	11♑56	7°11	23°27	23°49	4° 0	29° 0	8° 4	4°38	11°48	7°14	7° 3	1°25	19°51	T 27
W28	2 30 19	5°45'29	24°44	6° 2	24°37	24°29	4°13	29° 5	8° 7	4°37	11°48	7°13	7° 0	1°32	19°48	W28
T 29	2 34 15	6°44'28	7♒11	4°54	25°46	25° 9	4°26	29°10	8° 9	4°35	11°48	7°13	6°56	1°39	19°46	T 29
F 30	2 38 12	7°43'29	19°20	3°49	26°55	25°50	4°38	29°16	8°11	4°34	11°49	7°12	6°53	1°45	19°43	F 30
S 31	2 42 8	8♏42'32	1♓18	2♏48	28♍ 5	26♏30	4♏51	29♐21	8♉13	4♈33	11♌49	7♒11	6♒50	1♈52	19♈41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s42	21s17	1s 1	15s56	2s34	11n59	1s19	13s28	0n11	9s52	1n 2	21s49	1n23	23s15	0s14	1n12	0s58	16n26	0s47	17s35	18s 0	3n 3	9n50	1n50
F 2	4 4	17 21	0n 4	16 23	2 42	11 42	1 14	13 41	0 11	9 56	1 2	21 49	1 22	23 15	0 14	1 11	0 58	16 26	0 46	17 35	18 1	3 6	9 49	1 50
S 3	4 27	12 47	1 7	16 49	2 50	11 26	1 9	13 54	0 10	10 1	1 2	21 50	1 22	23 15	0 14	1 11	0 58	16 25	0 46	17 36	18 1	3 9	9 48	1 50
S 4	4 50	7 48	2 7	17 13	2 58	11 8	1 4	14 7	0 10	10 5	1 2	21 50	1 22	23 15	0 14	1 10	0 58	16 25	0 46	17 36	18 2	3 12	9 47	1 50
M 5	5 12	2 33	3 1	17 36	3 5	10 51	0 59	14 20	0 9	10 10	1 2	21 50	1 22	23 15	0 14	1 10	0 58	16 25	0 46	17 38	18 3	3 15	9 46	1 50
T 6	5 34	2n46	3 47	17 58	3 13	10 33	0 54	14 33	0 8	10 14	1 2	21 50	1 22	23 15	0 14	1 9	0 58	16 25	0 46	17 40	18 4	3 19	9 45	1 50
W 7	5 57	7 59	4 23	18 18	3 19	10 15	0 49	14 46	0 8	10 18	1 2	21 51	1 22	23 15	0 14	1 8	0 58	16 25	0 46	17 43	18 5	3 22	9 44	1 50
T 8	6 19	12 57	4 48	18 37	3 26	9 57	0 44	14 58	0 7	10 23	1 2	21 51	1 21	23 15	0 14	1 8	0 58	16 24	0 46	17 46	18 6	3 25	9 43	1 50
F 9	6 41	17 27	5 1	18 53	3 31	9 38	0 39	15 11	0 7	10 27	1 2	21 51	1 21	23 15	0 14	1 7	0 58	16 24	0 46	17 49	18 6	3 28	9 42	1 50
S 10	7 3	21 18	4 59	19 8	3 37	9 19	0 35	15 23	0 6	10 32	1 2	21 51	1 21	23 15	0 14	1 6	0 58	16 24	0 46	17 52	18 7	3 31	9 40	1 50
S 11	7 25	24 15	4 44	19 21	3 42	8 59	0 30	15 36	0 5	10 36	1 1	21 52	1 21	23 15	0 14	1 6	0 58	16 24	0 46	17 55	18 8	3 34	9 39	1 49
M12	7 47	26 6	4 16	19 32	3 46	8 39	0 25	15 48	0 5	10 41	1 1	21 52	1 21	23 15	0 14	1 5	0 58	16 24	0 46	17 57	18 9	3 37	9 38	1 49
T 13	8 9	26 38	3 34	19 40	3 49	8 19	0 21	16 0	0 4	10 45	1 1	21 52	1 20	23 15	0 14	1 5	0 58	16 24	0 46	17 59	18 10	3 41	9 37	1 49
W14	8 31	25 46	2 41	19 46	3 51	7 59	0 16	16 12	0 4	10 50	1 1	21 52	1 20	23 14	0 14	1 4	0 58	16 23	0 46	17 59	18 10	3 44	9 36	1 49
T 15	8 52	23 27	1 39	19 49	3 53	7 38	0 12	16 24	0 3	10 54	1 1	21 53	1 20	23 14	0 14	1 3	0 58	16 23	0 46	18 0	18 11	3 47	9 35	1 49
F 16	9 14	19 46	0 29	19 49	3 53	7 17	0 7	16 36	0 2	10 58	1 1	21 53	1 20	23 14	0 14	1 3	0 58	16 23	0 46	18 0	18 12	3 50	9 34	1 49
S 17	9 35	14 55	0s45	19 46	3 53	6 55	0 3	16 47	0 2	11 3	1 1	21 53	1 20	23 14	0 14	1 2	0 58	16 23	0 46	18 0	18 13	3 53	9 33	1 49
S 18	9 56	9 7	1 57	19 40	3 51	6 34	0n 1	16 59	0 1	11 7	1 1	21 53	1 20	23 14	0 14	1 1	0 58	16 23	0 46	18 0	18 14	3 56	9 32	1 49
M19	10 17	2 42	3 4	19 30	3 47	6 12	0 6	17 10	0 1	11 12	1 1	21 54	1 19	23 14	0 14	1 1	0 58	16 23	0 46	18 1	18 14	3 59	9 31	1 49
T 20	10 38	3s59	3 59	19 17	3 42	5 50	0 10	17 22	0 0	11 16	1 1	21 54	1 19	23 14	0 14	1 0	0 58	16 23	0 46	18 3	18 15	4 2	9 29	1 49
W21	10 59	10 31	4 39	19 0	3 36	5 27	0 14	17 33	0s 1	11 20	1 1	21 54	1 19	23 14	0 14	1 0	0 58	16 23	0 46	18 5	18 16	4 6	9 28	1 49
T 22	11 20	16 25	4 58	18 39	3 27	5 5	0 18	17 44	0 1	11 25	1 1	21 54	1 19	23 14	0 14	0 59	0 58	16 23	0 46	18 8	18 17	4 9	9 27	1 49
F 23	11 40	21 15	4 57	18 13	3 17	4 42	0 22	17 55	0 2	11 29	1 1	21 55	1 19	23 14	0 14	0 59	0 58	16 22	0 46	18 11	18 18	4 12	9 26	1 48
S 24	12 0	24 38	4 37	17 45	3 5	4 19	0 26	18 6	0 2	11 34	1 1	21 55	1 19	23 13	0 14	0 58	0 58	16 22	0 46	18 13	18 18	4 15	9 25	1 48
S 25	12 20	26 21	3 59	17 12	2 51	3 56	0 29	18 17	0 3	11 38	1 1	21 55	1 18	23 13	0 14	0 58	0 58	16 22	0 46	18 16	18 19	4 18	9 24	1 48
M26	12 40	26 22	3 9	16 37	2 36	3 32	0 33	18 27	0 3	11 42	1 1	21 55	1 18	23 13	0 14	0 57	0 58	16 22	0 45	18 17	18 20	4 21	9 23	1 48
T 27	13 0	24 51	2 9	15 58	2 19	3 8	0 37	18 38	0 4	11 47	1 1	21 55	1 18	23 13	0 14	0 56	0 58	16 22	0 45	18 18	18 21	4 24	9 22	1 48
W28	13 19	22 4	1 5	15 18	2 0	2 45	0 40	18 48	0 5	11 51	1 1	21 56	1 18	23 13	0 14	0 56	0 58	16 22	0 45	18 18	18 22	4 27	9 21	1 48
T 29	13 39	18 19	0 0	14 38	1 41	2 20	0 44	18 58	0 5	11 55	1 1	21 56	1 18	23 13	0 14	0 55	0 58	16 22	0 45	18 18	18 22	4 31	9 20	1 48
F 30	13 58	13 53	1n 4	13 57	1 21	1 56	0 47	19 8	0 6	12 0	1 1	21 56	1 18	23 13	0 14	0 55	0 58	16 22	0 45	18 18	18 23	4 34	9 19	1 48
S 31	14s17	8s59	2n 4	13s17	1s 0	1n32	0n51	19s18	0s 6	12s 4	1n 1	21s56	1n17	23s12	0s14	0n54	0s58	16n22	0s45	18s19	18s24	4n37	9n18	1n48

Julian Day Number = 3059947.5, Delta T = 02h30m59s
Ecliptic obliquity = 23°13'37, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'35, Lahiri = 47°12'35

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

NOVEMBER 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 46 5	9♏41'36	13♓ 9	1°R53	29♍15	27♏10	5♏ 4	29♐27	8♑16	4°R31	11♌49	7°R 8	6♒47	1♈59	19°R38	S 1
M 2	2 50 2	10°40'42	24°59	1♏ 6	0♎24	27°50	5°17	29°32	8°18	4♈30	11°49	7♒ 1	6°44	2° 5	19♈36	M 2
T 3	2 53 58	11°39'50	6♈50	0°28	1°34	28°31	5°30	29°37	8°20	4°29	11°50	6°52	6°41	2°12	19°33	T 3
W 4	2 57 55	12°39'00	18°46	0° 0	2°45	29°11	5°43	29°43	8°23	4°28	11°50	6°41	6°37	2°19	19°31	W 4
T 5	3 1 51	13°38'11	0♉49	29♎43	3°55	29°51	5°56	29°49	8°25	4°26	11°50	6°27	6°34	2°25	19°28	T 5
F 6	3 5 48	14°37'25	13° 1	29°D36	5° 5	0♐32	6° 9	29°54	8°28	4°25	11°50	6°13	6°31	2°32	19°26	F 6
S 7	3 9 44	15°36'40	25°21	29°40	6°16	1°13	6°22	0♑ 0	8°30	4°24	11°50	6° 0	6°28	2°39	19°24	S 7
S 8	3 13 41	16°35'58	7♊52	29°55	7°26	1°53	6°34	0° 6	8°33	4°23	11°50	5°48	6°25	2°45	19°21	S 8
M 9	3 17 37	17°35'17	20°33	0♏20	8°37	2°34	6°47	0°12	8°35	4°22	11°50	5°39	6°21	2°52	19°19	M 9
T 10	3 21 34	18°34'39	3♋24	0°55	9°48	3°14	7° 0	0°18	8°38	4°21	11°50	5°32	6°18	2°59	19°17	T 10
W11	3 25 31	19°34'03	16°27	1°38	10°59	3°55	7°13	0°24	8°41	4°20	11°R50	5°29	6°15	3° 6	19°14	W11
T 12	3 29 27	20°33'29	29°43	2°30	12°10	4°36	7°26	0°30	8°43	4°19	11°50	5°D27	6°12	3°12	19°12	T 12
F 13	3 33 24	21°32'57	13♌14	3°29	13°21	5°17	7°38	0°36	8°46	4°18	11°50	5°27	6° 9	3°19	19°10	F 13
S 14	3 37 20	22°32'27	27° 1	4°35	14°33	5°58	7°51	0°42	8°49	4°17	11°50	5°R27	6° 6	3°26	19° 8	S 14
S 15	3 41 17	23°32'00	11♍ 6	5°46	15°44	6°39	8° 4	0°48	8°52	4°16	11°50	5°26	6° 2	3°32	19° 6	S 15
M16	3 45 13	24°31'35	25°28	7° 3	16°56	7°20	8°17	0°54	8°55	4°15	11°50	5°23	5°59	3°39	19° 3	M16
T 17	3 49 10	25°31'12	10♎ 4	8°23	18° 7	8° 1	8°29	1° 0	8°58	4°14	11°50	5°17	5°56	3°46	19° 1	T 17
W18	3 53 6	26°30'51	24°50	9°48	19°19	8°42	8°42	1° 7	9° 0	4°13	11°50	5° 9	5°53	3°52	18°59	W18
T 19	3 57 3	27°30'32	9♏38	11°15	20°31	9°23	8°55	1°13	9° 3	4°12	11°50	4°59	5°50	3°59	18°57	T 19
F 20	4 1 0	28°30'15	24°21	12°45	21°43	10° 5	9° 7	1°20	9° 6	4°12	11°49	4°48	5°47	4° 6	18°55	F 20
S 21	4 4 56	29°30'01	8♐49	14°17	22°55	10°46	9°20	1°26	9° 9	4°11	11°49	4°38	5°43	4°13	18°53	S 21
S 22	4 8 53	0♐29'48	22°57	15°51	24° 7	11°27	9°32	1°32	9°12	4°10	11°49	4°30	5°40	4°19	18°52	S 22
M23	4 12 49	1°29'37	6♑40	17°26	25°19	12° 9	9°45	1°39	9°16	4° 9	11°49	4°24	5°37	4°26	18°50	M23
T 24	4 16 46	2°29'27	19°56	19° 2	26°32	12°50	9°57	1°45	9°19	4° 9	11°48	4°21	5°34	4°33	18°48	T 24
W25	4 20 42	3°29'20	2♒48	20°39	27°44	13°32	10°10	1°52	9°22	4° 8	11°48	4°D20	5°31	4°39	18°46	W25
T 26	4 24 39	4°29'13	15°17	22°16	28°56	14°13	10°22	1°59	9°25	4° 7	11°48	4°20	5°27	4°46	18°45	T 26
F 27	4 28 35	5°29'09	27°29	23°54	0♏ 9	14°55	10°34	2° 5	9°28	4° 7	11°47	4°21	5°24	4°53	18°43	F 27
S 28	4 32 32	6°29'05	9♓29	25°33	1°22	15°37	10°47	2°12	9°31	4° 6	11°47	4°R21	5°21	5° 0	18°41	S 28
S 29	4 36 29	7°29'04	21°21	27°11	2°34	16°18	10°59	2°19	9°35	4° 6	11°46	4°20	5°18	5° 6	18°40	S 29
M30	4 40 25	8♐29'03	3♈12	28♏50	3♏47	17♐ 0	11♏11	2♑25	9♑38	4♈ 5	11♌46	4♒17	5♒15	5♈13	18♈38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s35	3s49	2n58	12s39	0s40	1n 7	0n54	19s28	0s 7	12s 8	1n 1	21s56	1n17	23s12	0s14	0n54	0s58	16n22	0s45	18s20	18s25	4n40	9n17	1n47
M 2	14 54	1n27	3 44	12 4	0 19	0 43	0 57	19 37	0 7	12 12	1 1	21 56	1 17	23 12	0 14	0 53	0 58	16 22	0 45	18 21	18 26	4 43	9 15	1 47
T 3	15 12	6 41	4 20	11 32	0n 0	0 18	1 0	19 47	0 8	12 17	1 1	21 57	1 17	23 12	0 14	0 53	0 58	16 22	0 45	18 23	18 26	4 46	9 14	1 47
W 4	15 30	11 42	4 46	11 5	0 19	0s 7	1 3	19 56	0 9	12 21	1 1	21 57	1 17	23 12	0 14	0 52	0 58	16 22	0 45	18 26	18 27	4 49	9 13	1 47
T 5	15 48	16 19	4 58	10 43	0 36	0 32	1 6	20 5	0 9	12 25	1 1	21 57	1 17	23 12	0 14	0 52	0 58	16 22	0 45	18 30	18 28	4 52	9 12	1 47
F 6	16 5	20 20	4 58	10 25	0 52	0 57	1 9	20 14	0 10	12 29	1 1	21 57	1 17	23 12	0 14	0 52	0 58	16 22	0 45	18 33	18 29	4 55	9 11	1 47
S 7	16 22	23 31	4 43	10 14	1 6	1 22	1 12	20 23	0 10	12 33	1 1	21 57	1 16	23 11	0 14	0 51	0 58	16 22	0 45	18 36	18 29	4 58	9 10	1 47
S 8	16 39	25 37	4 15	10 7	1 19	1 47	1 14	20 32	0 11	12 38	1 1	21 57	1 16	23 11	0 14	0 51	0 58	16 22	0 45	18 39	18 30	5 2	9 9	1 47
M 9	16 56	26 27	3 34	10 5	1 30	2 13	1 17	20 41	0 12	12 42	1 1	21 57	1 16	23 11	0 14	0 50	0 58	16 22	0 45	18 42	18 31	5 5	9 8	1 47
T 10	17 12	25 52	2 41	10 8	1 39	2 38	1 19	20 49	0 12	12 46	1 1	21 58	1 16	23 11	0 14	0 50	0 58	16 22	0 45	18 43	18 32	5 8	9 7	1 46
W11	17 28	23 52	1 39	10 16	1 47	3 3	1 22	20 57	0 13	12 50	1 1	21 58	1 16	23 11	0 14	0 49	0 58	16 22	0 45	18 44	18 33	5 11	9 6	1 46
T 12	17 44	20 32	0 30	10 27	1 54	3 29	1 24	21 5	0 13	12 54	1 1	21 58	1 16	23 11	0 14	0 49	0 58	16 22	0 45	18 44	18 33	5 14	9 5	1 46
F 13	17 59	16 3	0s41	10 42	1 59	3 54	1 26	21 13	0 14	12 58	1 1	21 58	1 16	23 10	0 14	0 49	0 58	16 22	0 45	18 44	18 34	5 17	9 4	1 46
S 14	18 15	10 39	1 52	11 1	2 2	4 19	1 28	21 21	0 14	13 2	1 1	21 58	1 15	23 10	0 14	0 48	0 58	16 22	0 45	18 44	18 35	5 20	9 4	1 46
S 15	18 29	4 36	2 57	11 22	2 4	4 45	1 30	21 28	0 15	13 6	1 1	21 58	1 15	23 10	0 14	0 48	0 57	16 22	0 45	18 45	18 36	5 23	9 3	1 46
M16	18 44	1s47	3 53	11 46	2 6	5 10	1 32	21 36	0 15	13 10	1 1	21 58	1 15	23 10	0 14	0 48	0 57	16 22	0 45	18 45	18 37	5 26	9 2	1 46
T 17	18 58	8 9	4 34	12 11	2 6	5 36	1 34	21 43	0 16	13 14	1 2	21 58	1 15	23 10	0 14	0 47	0 57	16 22	0 45	18 47	18 37	5 29	9 1	1 45
W18	19 12	14 9	4 57	12 38	2 5	6 1	1 36	21 50	0 17	13 18	1 2	21 58	1 15	23 9	0 14	0 47	0 57	16 23	0 45	18 49	18 38	5 32	9 0	1 45
T 19	19 26	19 20	5 1	13 7	2 3	6 26	1 38	21 57	0 17	13 22	1 2	21 58	1 15	23 9	0 14	0 47	0 57	16 23	0 44	18 51	18 39	5 35	8 59	1 45
F 20	19 39	23 18	4 45	13 36	2 1	6 51	1 39	22 3	0 18	13 26	1 2	21 59	1 15	23 9	0 14	0 46	0 57	16 23	0 44	18 54	18 40	5 39	8 58	1 45
S 21	19 52	25 42	4 11	14 6	1 58	7 16	1 41	22 10	0 18	13 30	1 2	21 59	1 15	23 9	0 14	0 46	0 57	16 23	0 44	18 56	18 40	5 42	8 57	1 45
S 22	20 4	26 24	3 22	14 37	1 54	7 41	1 42	22 16	0 19	13 34	1 2	21 59	1 14	23 9	0 14	0 46	0 57	16 23	0 44	18 58	18 41	5 45	8 56	1 45
M23	20 17	25 25	2 22	15 7	1 50	8 6	1 43	22 22	0 19	13 38	1 2	21 59	1 14	23 8	0 14	0 46	0 57	16 23	0 44	18 59	18 42	5 48	8 56	1 45
T 24	20 28	23 1	1 16	15 38	1 45	8 31	1 45	22 28	0 20	13 41	1 2	21 59	1 14	23 8	0 14	0 45	0 57	16 23	0 44	19 0	18 43	5 51	8 55	1 44
W25	20 40	19 30	0 8	16 8	1 40	8 56	1 46	22 34	0 20	13 45	1 2	21 59	1 14	23 8	0 14	0 45	0 57	16 23	0 44	19 0	18 43	5 54	8 54	1 44
T 26	20 51	15 11	0n58	16 39	1 35	9 20	1 47	22 39	0 21	13 49	1 2	21 59	1 14	23 8	0 14	0 45	0 57	16 23	0 44	19 0	18 44	5 57	8 53	1 44
F 27	21 2	10 21	2 1	17 8	1 29	9 45	1 48	22 44	0 22	13 53	1 2	21 59	1 14	23 8	0 14	0 45	0 57	16 24	0 44	19 0	18 45	6 0	8 52	1 44
S 28	21 12	5 13	2 57	17 38	1 23	10 9	1 48	22 49	0 22	13 57	1 2	21 59	1 14	23 7	0 14	0 44	0 57	16 24	0 44	19 0	18 46	6 3	8 52	1 44
S 29	21 22	0n 3	3 44	18 6	1 17	10 33	1 49	22 54	0 23	14 0	1 2	21 59	1 14	23 7	0 14	0 44	0 57	16 24	0 44	19 0	18 47	6 6	8 51	1 44
M30	21s31	5n17	4n22	18s34	1n10	10s57	1n50	22s59	0s23	14s 4	1n 2	21s59	1n14	23s 7	0s14	0n44	0s57	16n24	0s44	19s 1	18s47	6n 9	8n50	1n44

Julian Day Number = 3059978.5, Delta T = 02h31m00s
Ecliptic obliquity = 23°13'36, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'39, Lahiri = 47°12'39

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ASTRODIENST EPHEMERIS for the year 3665
geocentric

DECEMBER 3665 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 44 22	9♐29'05	15♈ 5	0♐28	5♏ 0	17♐42	11♏23	2♑32	9♑41	4°R 5	11°R45	4°R11	5♒12	5♈20	18°R37	T 1
W 2	4 48 18	10°29'08	27° 5	2° 6	6°13	18°24	11°35	2°39	9°44	4♈ 4	11♌45	4♒ 3	5° 8	5°26	18♈35	W 2
T 3	4 52 15	11°29'12	9♉14	3°44	7°26	19° 6	11°47	2°46	9°48	4° 4	11°44	3°54	5° 5	5°33	18°34	T 3
F 4	4 56 11	12°29'18	21°36	5°22	8°39	19°48	11°59	2°53	9°51	4° 4	11°44	3°44	5° 2	5°40	18°32	F 4
S 5	5 0 8	13°29'26	4♊10	7° 0	9°52	20°30	12°11	3° 0	9°55	4° 3	11°43	3°35	4°59	5°46	18°31	S 5
S 6	5 4 4	14°29'36	16°58	8°38	11° 5	21°12	12°23	3° 6	9°58	4° 3	11°43	3°26	4°56	5°53	18°30	S 6
M 7	5 8 1	15°29'47	29°59	10°15	12°18	21°54	12°35	3°13	10° 1	4° 3	11°42	3°20	4°53	6° 0	18°29	M 7
T 8	5 11 58	16°30'00	13♋12	11°52	13°32	22°36	12°47	3°20	10° 5	4° 2	11°42	3°16	4°49	6° 7	18°28	T 8
W 9	5 15 54	17°30'14	26°36	13°28	14°45	23°18	12°59	3°27	10° 8	4° 2	11°41	3°14	4°46	6°13	18°27	W 9
T 10	5 19 51	18°30'31	10♌10	15° 5	15°58	24° 1	13°10	3°34	10°12	4° 2	11°40	3°D14	4°43	6°20	18°25	T 10
F 11	5 23 47	19°30'49	23°54	16°41	17°12	24°43	13°22	3°41	10°15	4° 2	11°40	3°15	4°40	6°27	18°24	F 11
S 12	5 27 44	20°31'09	7♍47	18°17	18°25	25°25	13°33	3°48	10°19	4° 2	11°39	3°16	4°37	6°33	18°24	S 12
S 13	5 31 40	21°31'31	21°50	19°53	19°39	26° 8	13°45	3°55	10°22	4° 2	11°38	3°R17	4°33	6°40	18°23	S 13
M14	5 35 37	22°31'55	6♎ 1	21°28	20°53	26°50	13°56	4° 2	10°26	4° 2	11°37	3°16	4°30	6°47	18°22	M14
T 15	5 39 34	23°32'20	20°18	23° 3	22° 7	27°33	14° 8	4°10	10°29	4°D 2	11°37	3°13	4°27	6°54	18°21	T 15
W16	5 43 30	24°32'48	4♏39	24°38	23°20	28°16	14°19	4°17	10°33	4° 2	11°36	3° 9	4°24	7° 0	18°20	W16
T 17	5 47 27	25°33'17	18°59	26°13	24°34	28°58	14°30	4°24	10°37	4° 2	11°35	3° 3	4°21	7° 7	18°20	T 17
F 18	5 51 23	26°33'48	3♐14	27°47	25°48	29°41	14°41	4°31	10°40	4° 2	11°34	2°57	4°18	7°14	18°19	F 18
S 19	5 55 20	27°34'20	17°18	29°22	27° 2	0♑24	14°53	4°38	10°44	4° 2	11°33	2°52	4°14	7°20	18°18	S 19
S 20	5 59 16	28°34'54	1♑ 6	0♑56	28°16	1° 7	15° 4	4°45	10°47	4° 2	11°33	2°47	4°11	7°27	18°18	S 20
M21	6 3 13	29°35'30	14°36	2°30	29°30	1°50	15°14	4°52	10°51	4° 2	11°32	2°44	4° 8	7°34	18°17	M21
T 22	6 7 9	0♑36'06	27°45	4° 4	0♐44	2°33	15°25	4°59	10°55	4° 3	11°31	2°D42	4° 5	7°40	18°17	T 22
W23	6 11 6	1°36'44	10♒34	5°38	1°58	3°16	15°36	5° 7	10°58	4° 3	11°30	2°43	4° 2	7°47	18°17	W23
T 24	6 15 3	2°37'23	23° 3	7°11	3°12	3°59	15°47	5°14	11° 2	4° 3	11°29	2°44	3°59	7°54	18°16	T 24
F 25	6 18 59	3°38'02	5♓17	8°45	4°26	4°42	15°57	5°21	11° 6	4° 4	11°28	2°46	3°55	8° 1	18°16	F 25
S 26	6 22 56	4°38'43	17°18	10°19	5°41	5°25	16° 8	5°28	11° 9	4° 4	11°27	2°47	3°52	8° 7	18°16	S 26
S 27	6 26 52	5°39'25	29°12	11°52	6°55	6° 8	16°18	5°35	11°13	4° 4	11°26	2°48	3°49	8°14	18°16	S 27
M28	6 30 49	6°40'07	11♈ 4	13°26	8° 9	6°51	16°29	5°43	11°17	4° 5	11°25	2°R49	3°46	8°21	18°16	M28
T 29	6 34 45	7°40'51	22°58	14°59	9°23	7°35	16°39	5°50	11°20	4° 5	11°24	2°47	3°43	8°27	18°D16	T 29
W30	6 38 42	8°41'35	4♉58	16°32	10°38	8°18	16°49	5°57	11°24	4° 6	11°23	2°45	3°39	8°34	18°16	W30
T 31	6 42 38	9♑42'21	17♉11	18♑ 6	11♐52	9♑ 1	16♏59	6♑ 4	11♑28	4♈ 6	11♌22	2♒42	3♒36	8♈41	18♈16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s41	10n20	4n49	19s 2	1n 4	11s20	1n50	23s 3	0s24	14s 8	1n 2	21s59	1n13	23s 7	0s14	0n44	0s57	16n24	0s44	19s 2	18s48	6n12	8n50	1n43
W 2	21 49	15 4	5 3	19 28	0 57	11 44	1 51	23 8	0 24	14 11	1 2	21 59	1 13	23 6	0 14	0 44	0 57	16 24	0 44	19 4	18 49	6 15	8 49	1 43
T 3	21 58	19 15	5 4	19 53	0 50	12 7	1 51	23 12	0 25	14 15	1 2	21 59	1 13	23 6	0 14	0 44	0 57	16 25	0 44	19 6	18 50	6 18	8 48	1 43
F 4	22 5	22 41	4 51	20 18	0 43	12 30	1 52	23 16	0 25	14 18	1 2	21 59	1 13	23 6	0 14	0 43	0 57	16 25	0 44	19 9	18 50	6 21	8 48	1 43
S 5	22 13	25 7	4 24	20 41	0 37	12 52	1 52	23 19	0 26	14 22	1 2	21 59	1 13	23 6	0 14	0 43	0 57	16 25	0 44	19 11	18 51	6 24	8 47	1 43
S 6	22 20	26 17	3 43	21 4	0 30	13 15	1 52	23 23	0 26	14 25	1 3	21 59	1 13	23 5	0 14	0 43	0 57	16 25	0 44	19 13	18 52	6 27	8 46	1 43
M 7	22 27	26 3	2 49	21 25	0 23	13 37	1 52	23 26	0 27	14 29	1 3	21 58	1 13	23 5	0 14	0 43	0 57	16 25	0 44	19 14	18 53	6 30	8 46	1 42
T 8	22 33	24 20	1 46	21 45	0 16	13 59	1 52	23 29	0 28	14 32	1 3	21 58	1 13	23 5	0 14	0 43	0 57	16 26	0 44	19 15	18 53	6 33	8 45	1 42
W 9	22 39	21 14	0 36	22 4	0 9	14 20	1 52	23 32	0 28	14 36	1 3	21 58	1 13	23 5	0 14	0 43	0 57	16 26	0 44	19 16	18 54	6 36	8 45	1 42
T 10	22 44	16 56	0s37	22 22	0 2	14 41	1 51	23 34	0 29	14 39	1 3	21 58	1 13	23 4	0 14	0 43	0 57	16 26	0 44	19 16	18 55	6 39	8 44	1 42
F 11	22 49	11 43	1 50	22 39	0s 5	15 2	1 51	23 36	0 29	14 43	1 3	21 58	1 12	23 4	0 14	0 43	0 57	16 26	0 43	19 15	18 56	6 42	8 44	1 42
S 12	22 53	5 51	2 56	22 55	0 12	15 23	1 51	23 39	0 30	14 46	1 3	21 58	1 12	23 4	0 14	0 43	0 57	16 27	0 43	19 15	18 56	6 46	8 43	1 42
S 13	22 58	0s22	3 53	23 9	0 19	15 43	1 50	23 40	0 30	14 49	1 3	21 58	1 12	23 4	0 14	0 43	0 57	16 27	0 43	19 15	18 57	6 49	8 43	1 42
M14	23 1	6 36	4 36	23 23	0 26	16 3	1 50	23 42	0 31	14 52	1 3	21 58	1 12	23 3	0 14	0 43	0 57	16 27	0 43	19 15	18 58	6 52	8 42	1 41
T 15	23 4	12 32	5 2	23 35	0 32	16 22	1 49	23 44	0 31	14 56	1 3	21 58	1 12	23 3	0 14	0 43	0 57	16 27	0 43	19 16	18 59	6 55	8 42	1 41
W16	23 7	17 49	5 10	23 46	0 39	16 41	1 48	23 45	0 32	14 59	1 3	21 57	1 12	23 3	0 14	0 43	0 57	16 28	0 43	19 17	18 59	6 58	8 41	1 41
T 17	23 9	22 5	4 58	23 55	0 45	17 0	1 48	23 46	0 32	15 2	1 3	21 57	1 12	23 3	0 14	0 43	0 57	16 28	0 43	19 18	19 0	7 1	8 41	1 41
F 18	23 11	25 0	4 28	24 4	0 51	17 18	1 47	23 46	0 33	15 5	1 4	21 57	1 12	23 2	0 14	0 43	0 57	16 28	0 43	19 19	19 1	7 4	8 40	1 41
S 19	23 12	26 19	3 42	24 11	0 57	17 36	1 46	23 47	0 33	15 8	1 4	21 57	1 12	23 2	0 14	0 43	0 57	16 28	0 43	19 21	19 2	7 7	8 40	1 41
S 20	23 13	25 57	2 44	24 17	1 3	17 54	1 45	23 47	0 34	15 12	1 4	21 57	1 12	23 2	0 14	0 43	0 57	16 29	0 43	19 22	19 2	7 10	8 40	1 40
M21	23 14	24 3	1 37	24 21	1 9	18 10	1 44	23 47	0 34	15 15	1 4	21 57	1 12	23 1	0 14	0 43	0 57	16 29	0 43	19 23	19 3	7 13	8 39	1 40
T 22	23 14	20 52	0 27	24 25	1 15	18 27	1 43	23 47	0 35	15 18	1 4	21 56	1 12	23 1	0 14	0 44	0 57	16 29	0 43	19 23	19 4	7 16	8 39	1 40
W23	23 13	16 45	0n43	24 27	1 20	18 43	1 41	23 47	0 35	15 21	1 4	21 56	1 12	23 1	0 14	0 44	0 57	16 30	0 43	19 23	19 5	7 19	8 39	1 40
T 24	23 12	11 59	1 49	24 27	1 26	18 58	1 40	23 46	0 36	15 24	1 4	21 56	1 11	23 1	0 14	0 44	0 57	16 30	0 43	19 23	19 5	7 22	8 38	1 40
F 25	23 11	6 52	2 49	24 27	1 31	19 13	1 39	23 45	0 36	15 26	1 4	21 56	1 11	23 0	0 14	0 44	0 57	16 30	0 43	19 22	19 6	7 25	8 38	1 40
S 26	23 9	1 35	3 41	24 25	1 36	19 28	1 37	23 44	0 37	15 29	1 4	21 56	1 11	23 0	0 14	0 44	0 57	16 30	0 43	19 22	19 7	7 28	8 38	1 39
S 27	23 6	3n42	4 22	24 22	1 40	19 42	1 36	23 43	0 37	15 32	1 5	21 55	1 11	23 0	0 14	0 44	0 57	16 31	0 43	19 21	19 8	7 31	8 38	1 39
M28	23 4	8 49	4 52	24 18	1 45	19 55	1 34	23 41	0 38	15 35	1 5	21 55	1 11	22 59	0 14	0 45	0 57	16 31	0 43	19 21	19 8	7 34	8 38	1 39
T 29	23 0	13 38	5 10	24 12	1 49	20 8	1 33	23 39	0 38	15 38	1 5	21 55	1 11	22 59	0 14	0 45	0 57	16 31	0 43	19 22	19 9	7 37	8 37	1 39
W30	22 57	18 0	5 14	24 5	1 53	20 20	1 31	23 37	0 39	15 40	1 5	21 55	1 11	22 59	0 14	0 45	0 56	16 32	0 43	19 22	19 10	7 39	8 37	1 39
T 31	22s52	21n40	5n 4	23s57	1s57	20s32	1n29	23s35	0s39	15s43	1n 5	21s54	1n11	22s58	0s14	0n45	0s56	16n32	0s42	19s23	19s11	7n42	8n37	1n39

Julian Day Number = 3060008.5, Delta T = 02h31m01s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'43, Lahiri = 47°12'44

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

JANUARY 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 46 35	10♑43'07	29♉37	19♑39	13♐ 7	9♑45	17♏ 9	6♑11	11♑31	4♈ 7	11°R21	2°R39	3♒33	8♈48	18♈16	F 1
S 2	6 50 32	11°43'54	12♊21	21°12	14°21	10°28	17°19	6°18	11°35	4° 8	11♌20	2♒35	3°30	8°54	18°16	S 2
S 3	6 54 28	12°44'42	25°23	22°45	15°36	11°12	17°29	6°25	11°39	4° 8	11°19	2°32	3°27	9° 1	18°16	S 3
M 4	6 58 25	13°45'31	8♋43	24°18	16°50	11°56	17°39	6°33	11°42	4° 9	11°18	2°30	3°24	9° 8	18°17	M 4
T 5	7 2 21	14°46'21	22°20	25°52	18° 5	12°39	17°48	6°40	11°46	4°10	11°17	2°29	3°20	9°14	18°17	T 5
W 6	7 6 18	15°47'12	6♌11	27°25	19°19	13°23	17°58	6°47	11°50	4°10	11°15	2°D28	3°17	9°21	18°18	W 6
T 7	7 10 14	16°48'03	20°13	28°57	20°34	14° 7	18° 7	6°54	11°53	4°11	11°14	2°29	3°14	9°28	18°18	T 7
F 8	7 14 11	17°48'56	4♍22	0♒30	21°48	14°50	18°16	7° 1	11°57	4°12	11°13	2°30	3°11	9°35	18°19	F 8
S 9	7 18 8	18°49'49	18°36	2° 3	23° 3	15°34	18°26	7° 8	12° 1	4°13	11°12	2°31	3° 8	9°41	18°19	S 9
S 10	7 22 4	19°50'44	2♎51	3°35	24°18	16°18	18°35	7°15	12° 4	4°14	11°11	2°32	3° 5	9°48	18°20	S 10
M11	7 26 1	20°51'40	17° 4	5° 7	25°32	17° 2	18°44	7°22	12° 8	4°15	11°10	2°R33	3° 1	9°55	18°21	M11
T 12	7 29 57	21°52'37	1♏13	6°39	26°47	17°46	18°52	7°29	12°12	4°16	11° 9	2°32	2°58	10° 1	18°21	T 12
W13	7 33 54	22°53'35	15°16	8°10	28° 2	18°30	19° 1	7°36	12°15	4°17	11° 7	2°32	2°55	10° 8	18°22	W13
T 14	7 37 50	23°54'34	29°11	9°40	29°17	19°14	19°10	7°43	12°19	4°18	11° 6	2°31	2°52	10°15	18°23	T 14
F 15	7 41 47	24°55'33	12♐57	11°10	0♑31	19°59	19°18	7°50	12°23	4°19	11° 5	2°30	2°49	10°22	18°24	F 15
S 16	7 45 43	25°56'34	26°32	12°39	1°46	20°43	19°27	7°57	12°26	4°20	11° 4	2°29	2°45	10°28	18°25	S 16
S 17	7 49 40	26°57'35	9♑53	14° 7	3° 1	21°27	19°35	8° 4	12°30	4°21	11° 3	2°28	2°42	10°35	18°26	S 17
M18	7 53 37	27°58'37	23° 1	15°34	4°16	22°11	19°43	8°11	12°33	4°22	11° 1	2°28	2°39	10°42	18°27	M18
T 19	7 57 33	28°59'39	5♒54	16°59	5°31	22°56	19°51	8°18	12°37	4°23	11° 0	2°D28	2°36	10°48	18°28	T 19
W20	8 1 30	0♒ 0'42	18°32	18°22	6°46	23°40	19°59	8°25	12°40	4°24	10°59	2°28	2°33	10°55	18°29	W20
T 21	8 5 26	1° 1'45	0♓55	19°43	8° 1	24°25	20° 7	8°32	12°44	4°26	10°58	2°28	2°30	11° 2	18°31	T 21
F 22	8 9 23	2° 2'48	13° 6	21° 1	9°16	25° 9	20°14	8°38	12°48	4°27	10°56	2°R28	2°26	11° 9	18°32	F 22
S 23	8 13 19	3° 3'52	25° 7	22°16	10°31	25°54	20°22	8°45	12°51	4°28	10°55	2°28	2°23	11°15	18°33	S 23
S 24	8 17 16	4° 4'55	7♈ 1	23°28	11°46	26°38	20°29	8°52	12°55	4°29	10°54	2°28	2°20	11°22	18°35	S 24
M25	8 21 12	5° 5'58	18°53	24°36	13° 0	27°23	20°36	8°59	12°58	4°31	10°53	2°28	2°17	11°29	18°36	M25
T 26	8 25 9	6° 7'02	0♉46	25°38	14°15	28° 8	20°43	9° 5	13° 2	4°32	10°51	2°D28	2°14	11°35	18°37	T 26
W27	8 29 6	7° 8'05	12°45	26°35	15°30	28°52	20°50	9°12	13° 5	4°34	10°50	2°28	2°11	11°42	18°39	W27
T 28	8 33 2	8° 9'08	24°55	27°25	16°45	29°37	20°57	9°19	13° 8	4°35	10°49	2°28	2° 7	11°49	18°41	T 28
F 29	8 36 59	9°10'12	7♊20	28° 8	18° 0	0♒22	21° 4	9°25	13°12	4°36	10°48	2°29	2° 4	11°56	18°42	F 29
S 30	8 40 55	10°11'15	20° 5	28°43	19°15	1° 7	21°10	9°32	13°15	4°38	10°46	2°29	2° 1	12° 2	18°44	S 30
S 31	8 44 52	11♒12'18	3♋12	29♒ 9	20♑31	1♒52	21♏16	9♑38	13♑19	4♈39	10♌45	2♒30	1♒58	12♈ 9	18♈46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s48	24n27	4n40	23s47	2s 0	20s43	1n28	23s32	0s40	15s46	1n 5	21s54	1n11	22s58	0s14	0n45	0s56	16n32	0s42	19s24	19s11	7n45	8n37	1n38
S 2	22 43	26 4	4 2	23 36	2 3	20 54	1 26	23 29	0 40	15 48	1 5	21 54	1 11	22 58	0 14	0 46	0 56	16 33	0 42	19 24	19 12	7 48	8 37	1 38
S 3	22 37	26 19	3 10	23 24	2 6	21 4	1 24	23 26	0 41	15 51	1 5	21 53	1 11	22 58	0 14	0 46	0 56	16 33	0 42	19 25	19 13	7 51	8 37	1 38
M 4	22 31	25 4	2 7	23 10	2 9	21 13	1 22	23 23	0 41	15 54	1 6	21 53	1 11	22 57	0 14	0 46	0 56	16 33	0 42	19 26	19 13	7 54	8 37	1 38
T 5	22 25	22 19	0 56	22 56	2 11	21 22	1 20	23 20	0 42	15 56	1 6	21 53	1 11	22 57	0 14	0 47	0 56	16 34	0 42	19 26	19 14	7 57	8 37	1 38
W 6	22 18	18 14	0s21	22 40	2 13	21 30	1 18	23 16	0 42	15 59	1 6	21 53	1 11	22 57	0 14	0 47	0 56	16 34	0 42	19 26	19 15	8 0	8 37	1 38
T 7	22 11	13 5	1 37	22 22	2 14	21 38	1 16	23 12	0 43	16 1	1 6	21 52	1 11	22 56	0 14	0 47	0 56	16 35	0 42	19 26	19 16	8 3	8 37	1 37
F 8	22 3	7 13	2 47	22 4	2 15	21 45	1 14	23 8	0 43	16 3	1 6	21 52	1 11	22 56	0 14	0 48	0 56	16 35	0 42	19 26	19 16	8 6	8 37	1 37
S 9	21 55	0 58	3 48	21 44	2 16	21 51	1 11	23 3	0 44	16 6	1 6	21 52	1 11	22 56	0 14	0 48	0 56	16 35	0 42	19 25	19 17	8 9	8 37	1 37
S 10	21 46	5s20	4 35	21 23	2 16	21 57	1 9	22 58	0 44	16 8	1 6	21 51	1 11	22 55	0 14	0 48	0 56	16 36	0 42	19 25	19 18	8 12	8 37	1 37
M11	21 37	11 21	5 5	21 1	2 16	22 2	1 7	22 53	0 45	16 10	1 6	21 51	1 11	22 55	0 14	0 49	0 56	16 36	0 42	19 25	19 19	8 15	8 37	1 37
T 12	21 28	16 44	5 16	20 38	2 15	22 7	1 5	22 48	0 45	16 13	1 7	21 51	1 11	22 55	0 14	0 49	0 56	16 36	0 42	19 25	19 19	8 18	8 37	1 37
W13	21 18	21 11	5 9	20 13	2 14	22 10	1 2	22 43	0 46	16 15	1 7	21 50	1 11	22 54	0 14	0 49	0 56	16 37	0 42	19 25	19 20	8 21	8 38	1 36
T 14	21 8	24 24	4 43	19 47	2 12	22 13	1 0	22 37	0 46	16 17	1 7	21 50	1 11	22 54	0 14	0 50	0 56	16 37	0 42	19 25	19 21	8 24	8 38	1 36
F 15	20 57	26 8	4 1	19 21	2 10	22 16	0 58	22 31	0 47	16 19	1 7	21 49	1 10	22 54	0 14	0 50	0 56	16 37	0 42	19 26	19 21	8 27	8 38	1 36
S 16	20 46	26 17	3 6	18 53	2 7	22 18	0 55	22 25	0 47	16 21	1 7	21 49	1 10	22 53	0 14	0 51	0 56	16 38	0 42	19 26	19 22	8 30	8 38	1 36
S 17	20 35	24 53	2 2	18 25	2 3	22 19	0 53	22 19	0 47	16 23	1 7	21 49	1 10	22 53	0 14	0 51	0 56	16 38	0 42	19 26	19 23	8 33	8 38	1 36
M18	20 23	22 8	0 52	17 55	1 59	22 19	0 50	22 12	0 48	16 25	1 8	21 48	1 10	22 53	0 14	0 52	0 56	16 39	0 41	19 26	19 24	8 36	8 39	1 36
T 19	20 11	18 19	0n19	17 25	1 54	22 19	0 48	22 6	0 48	16 27	1 8	21 48	1 10	22 52	0 14	0 52	0 56	16 39	0 41	19 26	19 24	8 38	8 39	1 35
W20	19 58	13 45	1 28	16 54	1 48	22 18	0 45	21 58	0 49	16 29	1 8	21 47	1 10	22 52	0 14	0 53	0 56	16 39	0 41	19 26	19 25	8 41	8 39	1 35
T 21	19 45	8 41	2 31	16 23	1 41	22 17	0 43	21 51	0 49	16 31	1 8	21 47	1 10	22 52	0 14	0 53	0 56	16 40	0 41	19 26	19 26	8 44	8 40	1 35
F 22	19 32	3 23	3 27	15 51	1 34	22 14	0 40	21 44	0 50	16 33	1 8	21 47	1 10	22 51	0 14	0 54	0 56	16 40	0 41	19 26	19 26	8 47	8 40	1 35
S 23	19 18	1n57	4 12	15 19	1 25	22 11	0 38	21 36	0 50	16 35	1 8	21 46	1 10	22 51	0 15	0 54	0 56	16 41	0 41	19 26	19 27	8 50	8 40	1 35
S 24	19 4	7 9	4 47	14 47	1 16	22 8	0 35	21 28	0 51	16 37	1 9	21 46	1 10	22 51	0 15	0 55	0 56	16 41	0 41	19 26	19 28	8 53	8 41	1 35
M25	18 49	12 5	5 8	14 15	1 6	22 4	0 32	21 20	0 51	16 38	1 9	21 45	1 10	22 51	0 15	0 55	0 56	16 41	0 41	19 26	19 29	8 56	8 41	1 35
T 26	18 35	16 35	5 17	13 43	0 55	21 59	0 30	21 11	0 51	16 40	1 9	21 45	1 10	22 50	0 15	0 56	0 56	16 42	0 41	19 26	19 29	8 59	8 42	1 34
W27	18 19	20 29	5 12	13 13	0 42	21 53	0 27	21 3	0 52	16 42	1 9	21 45	1 10	22 50	0 15	0 56	0 56	16 42	0 41	19 26	19 30	9 2	8 42	1 34
T 28	18 4	23 34	4 53	12 43	0 29	21 47	0 24	20 54	0 52	16 43	1 9	21 44	1 10	22 50	0 15	0 57	0 56	16 43	0 41	19 26	19 31	9 5	8 42	1 34
F 29	17 48	25 37	4 20	12 15	0 15	21 40	0 22	20 45	0 53	16 45	1 9	21 44	1 10	22 49	0 15	0 58	0 56	16 43	0 41	19 26	19 31	9 8	8 43	1 34
S 30	17 32	26 25	3 34	11 48	0n 1	21 32	0 19	20 36	0 53	16 46	1 10	21 43	1 10	22 49	0 15	0 58	0 56	16 43	0 41	19 26	19 32	9 10	8 43	1 34
S 31	17s16	25n47	2n35	11s24	0n17	21s24	0n17	20s26	0s53	16s48	1n10	21s43	1n10	22s49	0s15	0n59	0s56	16n44	0s41	19s26	19s33	9n13	8n44	1n34

Julian Day Number = 3060039.5, Delta T = 02h31m02s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'47, Lahiri = 47°12'48

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

FEBRUARY 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 48 48	12♒13'21	16♋42	29♒25	21♑46	2♒37	21♏23	9♑45	13♑22	4♈41	10°R44	2♒31	1♒55	12♈16	18♈48	M 1
T 2	8 52 45	13°14'23	0♌36	29°R29	23° 1	3°22	21°29	9°51	13°25	4°43	10♌42	2°R31	1°51	12°22	18°49	T 2
W 3	8 56 42	14°15'25	14°50	29°23	24°16	4° 7	21°34	9°57	13°29	4°44	10°41	2°31	1°48	12°29	18°51	W 3
T 4	9 0 38	15°16'28	29°20	29° 5	25°31	4°52	21°40	10° 4	13°32	4°46	10°40	2°30	1°45	12°36	18°53	T 4
F 5	9 4 35	16°17'30	13♍59	28°35	26°46	5°37	21°46	10°10	13°35	4°47	10°39	2°29	1°42	12°43	18°55	F 5
S 6	9 8 31	17°18'32	28°42	27°53	28° 1	6°22	21°51	10°16	13°38	4°49	10°37	2°27	1°39	12°49	18°57	S 6
S 7	9 12 28	18°19'34	13♎21	27° 1	29°16	7° 7	21°56	10°22	13°42	4°51	10°36	2°25	1°36	12°56	18°59	S 7
M 8	9 16 24	19°20'36	27°50	25°59	0♒31	7°53	22° 2	10°28	13°45	4°52	10°35	2°23	1°32	13° 3	19° 1	M 8
T 9	9 20 21	20°21'38	12♏ 6	24°50	1°46	8°38	22° 6	10°34	13°48	4°54	10°34	2°22	1°29	13° 9	19° 4	T 9
W10	9 24 17	21°22'41	26° 5	23°35	3° 1	9°23	22°11	10°40	13°51	4°56	10°32	2°D22	1°26	13°16	19° 6	W10
T 11	9 28 14	22°23'43	9♐48	22°17	4°17	10° 9	22°16	10°46	13°54	4°58	10°31	2°23	1°23	13°23	19° 8	T 11
F 12	9 32 11	23°24'45	23°14	20°58	5°32	10°54	22°20	10°52	13°57	4°59	10°30	2°24	1°20	13°30	19°10	F 12
S 13	9 36 7	24°25'47	6♑25	19°41	6°47	11°40	22°25	10°58	14° 0	5° 1	10°29	2°26	1°17	13°36	19°13	S 13
S 14	9 40 4	25°26'49	19°22	18°28	8° 2	12°25	22°29	11° 4	14° 3	5° 3	10°27	2°27	1°13	13°43	19°15	S 14
M15	9 44 0	26°27'51	2♒ 6	17°20	9°17	13°11	22°33	11°10	14° 6	5° 5	10°26	2°R28	1°10	13°50	19°17	M15
T 16	9 47 57	27°28'52	14°39	16°20	10°32	13°56	22°36	11°16	14° 9	5° 7	10°25	2°27	1° 7	13°56	19°20	T 16
W17	9 51 53	28°29'52	27° 1	15°28	11°48	14°42	22°40	11°21	14°12	5° 9	10°24	2°25	1° 4	14° 3	19°22	W17
T 18	9 55 50	29°30'52	9♓14	14°45	13° 3	15°27	22°43	11°27	14°15	5°11	10°23	2°22	1° 1	14°10	19°25	T 18
F 19	9 59 46	0♓31'51	21°19	14°11	14°18	16°13	22°47	11°32	14°18	5°13	10°21	2°17	0°57	14°17	19°27	F 19
S 20	10 3 43	1°32'49	3♈17	13°46	15°33	16°59	22°50	11°38	14°20	5°15	10°20	2°12	0°54	14°23	19°30	S 20
S 21	10 7 39	2°33'47	15°10	13°31	16°48	17°45	22°52	11°43	14°23	5°17	10°19	2° 6	0°51	14°30	19°33	S 21
M22	10 11 36	3°34'43	27° 1	13°D23	18° 3	18°31	22°55	11°48	14°26	5°19	10°18	2° 1	0°48	14°37	19°35	M22
T 23	10 15 33	4°35'39	8♉53	13°24	19°19	19°16	22°58	11°54	14°29	5°21	10°17	1°56	0°45	14°43	19°38	T 23
W24	10 19 29	5°36'34	20°50	13°32	20°34	20° 2	23° 0	11°59	14°31	5°23	10°16	1°54	0°42	14°50	19°41	W24
T 25	10 23 26	6°37'28	2♊56	13°48	21°49	20°48	23° 2	12° 4	14°34	5°25	10°15	1°D52	0°38	14°57	19°44	T 25
F 26	10 27 22	7°38'20	15°16	14° 9	23° 4	21°34	23° 4	12° 9	14°36	5°27	10°13	1°53	0°35	15° 4	19°46	F 26
S 27	10 31 19	8°39'12	27°55	14°37	24°19	22°20	23° 6	12°14	14°39	5°29	10°12	1°54	0°32	15°10	19°49	S 27
S 28	10 35 15	9♓40'02	10♋57	15♒10	25♒34	23♒ 6	23♏ 7	12♑19	14♑42	5♈31	10♌11	1♒56	0♒29	15♈17	19♈52	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s59	23n37	1n27	11s 3	0n34	21s15	0n14	20s17	0s54	16s49	1n10	21s42	1n10	22s48	0s15	0n59	0s56	16n44	0s41	19s25	19s33	9n16	8n44	1n33
T 2	16 42	20 1	0 11	10 44	0 52	21 6	0 11	20 7	0 54	16 51	1 10	21 42	1 10	22 48	0 15	1 0	0 56	16 45	0 41	19 25	19 34	9 19	8 45	1 33
W 3	16 24	15 10	1s 8	10 30	1 10	20 56	0 9	19 57	0 55	16 52	1 10	21 41	1 10	22 48	0 15	1 1	0 56	16 45	0 41	19 25	19 35	9 22	8 46	1 33
T 4	16 7	9 22	2 23	10 18	1 28	20 45	0 6	19 46	0 55	16 53	1 10	21 41	1 10	22 47	0 15	1 1	0 56	16 45	0 40	19 26	19 36	9 25	8 46	1 33
F 5	15 49	3 1	3 30	10 12	1 47	20 34	0 3	19 36	0 55	16 54	1 11	21 40	1 10	22 47	0 15	1 2	0 56	16 46	0 40	19 26	19 36	9 28	8 47	1 33
S 6	15 31	3s31	4 23	10 9	2 5	20 22	0 1	19 25	0 56	16 56	1 11	21 40	1 10	22 47	0 15	1 3	0 56	16 46	0 40	19 26	19 37	9 31	8 47	1 33
S 7	15 12	9 49	4 58	10 10	2 22	20 9	0s 2	19 14	0 56	16 57	1 11	21 39	1 10	22 46	0 15	1 3	0 56	16 47	0 40	19 27	19 38	9 34	8 48	1 33
M 8	14 53	15 31	5 15	10 16	2 38	19 56	0 5	19 3	0 57	16 58	1 11	21 39	1 10	22 46	0 15	1 4	0 56	16 47	0 40	19 27	19 38	9 36	8 49	1 32
T 9	14 34	20 16	5 11	10 25	2 52	19 42	0 7	18 52	0 57	16 59	1 11	21 39	1 10	22 46	0 15	1 5	0 56	16 47	0 40	19 27	19 39	9 39	8 49	1 32
W10	14 15	23 47	4 49	10 38	3 4	19 28	0 10	18 40	0 57	17 0	1 12	21 38	1 10	22 46	0 15	1 5	0 56	16 48	0 40	19 27	19 40	9 42	8 50	1 32
T 11	13 55	25 51	4 11	10 54	3 14	19 13	0 12	18 28	0 58	17 1	1 12	21 38	1 10	22 45	0 15	1 6	0 56	16 48	0 40	19 27	19 40	9 45	8 51	1 32
F 12	13 36	26 23	3 20	11 11	3 22	18 58	0 15	18 16	0 58	17 2	1 12	21 37	1 10	22 45	0 15	1 7	0 56	16 49	0 40	19 27	19 41	9 48	8 52	1 32
S 13	13 16	25 23	2 19	11 31	3 26	18 41	0 17	18 4	0 58	17 3	1 12	21 37	1 10	22 45	0 15	1 8	0 56	16 49	0 40	19 27	19 42	9 51	8 52	1 32
S 14	12 55	23 1	1 11	11 51	3 29	18 25	0 20	17 52	0 59	17 4	1 12	21 36	1 10	22 44	0 15	1 8	0 56	16 49	0 40	19 26	19 43	9 54	8 53	1 32
M15	12 35	19 33	0 2	12 11	3 28	18 8	0 22	17 39	0 59	17 4	1 13	21 36	1 10	22 44	0 15	1 9	0 56	16 50	0 40	19 26	19 43	9 56	8 54	1 31
T 16	12 14	15 14	1n 7	12 31	3 26	17 50	0 25	17 27	0 59	17 5	1 13	21 35	1 10	22 44	0 15	1 10	0 56	16 50	0 40	19 26	19 44	9 59	8 55	1 31
W17	11 54	10 21	2 11	12 50	3 22	17 32	0 27	17 14	1 0	17 6	1 13	21 35	1 10	22 43	0 15	1 11	0 56	16 51	0 40	19 27	19 45	10 2	8 55	1 31
T 18	11 32	5 8	3 8	13 9	3 15	17 13	0 29	17 1	1 0	17 7	1 13	21 34	1 10	22 43	0 15	1 11	0 56	16 51	0 40	19 28	19 45	10 5	8 56	1 31
F 19	11 11	0n13	3 56	13 26	3 8	16 54	0 32	16 48	1 0	17 7	1 13	21 34	1 10	22 43	0 15	1 12	0 56	16 51	0 39	19 29	19 46	10 8	8 57	1 31
S 20	10 50	5 29	4 33	13 41	2 59	16 34	0 34	16 34	1 1	17 8	1 14	21 33	1 10	22 43	0 15	1 13	0 56	16 52	0 39	19 30	19 47	10 11	8 58	1 31
S 21	10 28	10 31	4 58	13 55	2 49	16 14	0 36	16 21	1 1	17 8	1 14	21 33	1 10	22 42	0 15	1 14	0 56	16 52	0 39	19 31	19 47	10 13	8 59	1 31
M22	10 6	15 9	5 11	14 7	2 39	15 54	0 39	16 7	1 1	17 9	1 14	21 32	1 10	22 42	0 15	1 14	0 56	16 52	0 39	19 32	19 48	10 16	9 0	1 31
T 23	9 44	19 13	5 10	14 17	2 28	15 33	0 41	15 53	1 2	17 9	1 14	21 32	1 11	22 42	0 15	1 15	0 55	16 53	0 39	19 33	19 49	10 19	9 1	1 30
W24	9 22	22 33	4 55	14 26	2 16	15 11	0 43	15 39	1 2	17 10	1 14	21 31	1 11	22 42	0 15	1 16	0 55	16 53	0 39	19 34	19 49	10 22	9 2	1 30
T 25	9 0	24 56	4 27	14 33	2 5	14 49	0 45	15 25	1 2	17 10	1 15	21 31	1 11	22 41	0 15	1 17	0 55	16 54	0 39	19 34	19 50	10 25	9 3	1 30
F 26	8 38	26 11	3 47	14 38	1 53	14 27	0 47	15 11	1 3	17 10	1 15	21 30	1 11	22 41	0 15	1 18	0 55	16 54	0 39	19 34	19 51	10 27	9 3	1 30
S 27	8 15	26 7	2 55	14 41	1 41	14 4	0 49	14 56	1 3	17 10	1 15	21 30	1 11	22 41	0 15	1 18	0 55	16 54	0 39	19 34	19 51	10 30	9 4	1 30
S 28	7s53	24n38	1n52	14s43	1n29	13s41	0s51	14s41	1s 3	17s11	1n15	21s29	1n11	22s41	0s15	1n19	0s55	16n55	0s39	19s33	19s52	10n33	9n 5	1n30

Julian Day Number = 3060070.5, Delta T = 02h31m03s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'52, Lahiri = 47°12'52

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

MARCH 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 39 12	10♓40'51	24♋25	15♒48	26♒50	23♒52	23♏ 9	12♑24	14♑44	5♈33	10°R10	1♒57	0♒26	15♈24	19♈55	M 1
T 2	10 43 8	11°41'39	8♌22	16°31	28° 5	24°38	23°10	12°29	14°46	5°35	10♌ 9	1°R57	0°23	15°30	19°58	T 2
W 3	10 47 5	12°42'25	22°45	17°18	29°20	25°24	23°11	12°33	14°49	5°37	10° 8	1°55	0°19	15°37	20° 1	W 3
T 4	10 51 2	13°43'10	7♍31	18° 8	0♓35	26°10	23°12	12°38	14°51	5°39	10° 7	1°51	0°16	15°44	20° 4	T 4
F 5	10 54 58	14°43'54	22°34	19° 2	1°50	26°57	23°13	12°43	14°53	5°42	10° 6	1°46	0°13	15°51	20° 7	F 5
S 6	10 58 55	15°44'37	7♎43	19°59	3° 5	27°43	23°13	12°47	14°56	5°44	10° 5	1°39	0°10	15°57	20°10	S 6
S 7	11 2 51	16°45'19	22°48	20°59	4°21	28°29	23°13	12°51	14°58	5°46	10° 4	1°32	0° 7	16° 4	20°13	S 7
M 8	11 6 48	17°46'01	7♏41	22° 2	5°36	29°15	23°R13	12°56	15° 0	5°48	10° 3	1°26	0° 3	16°11	20°16	M 8
T 9	11 10 44	18°46'41	22°14	23° 7	6°51	0♓ 2	23°13	13° 0	15° 2	5°50	10° 2	1°21	0° 0	16°17	20°19	T 9
W10	11 14 41	19°47'20	6♐23	24°14	8° 6	0°48	23°13	13° 4	15° 4	5°52	10° 1	1°18	29♑57	16°24	20°22	W10
T 11	11 18 37	20°47'59	20° 7	25°23	9°21	1°34	23°13	13° 8	15° 6	5°55	10° 0	1°D17	29°54	16°31	20°26	T 11
F 12	11 22 34	21°48'36	3♑27	26°35	10°36	2°21	23°12	13°12	15° 8	5°57	9°59	1°18	29°51	16°38	20°29	F 12
S 13	11 26 31	22°49'13	16°26	27°48	11°52	3° 7	23°11	13°16	15°10	5°59	9°58	1°19	29°48	16°44	20°32	S 13
S 14	11 30 27	23°49'48	29° 8	29° 3	13° 7	3°53	23°10	13°20	15°12	6° 1	9°58	1°R20	29°44	16°51	20°35	S 14
M15	11 34 24	24°50'22	11♒35	0♓19	14°22	4°40	23° 9	13°24	15°14	6° 4	9°57	1°19	29°41	16°58	20°39	M15
T 16	11 38 20	25°50'55	23°52	1°37	15°37	5°26	23° 7	13°28	15°16	6° 6	9°56	1°16	29°38	17° 5	20°42	T 16
W17	11 42 17	26°51'27	6♓ 0	2°57	16°52	6°13	23° 6	13°31	15°17	6° 8	9°55	1°11	29°35	17°11	20°45	W17
T 18	11 46 13	27°51'57	18° 2	4°17	18° 7	6°59	23° 4	13°35	15°19	6°10	9°54	1° 3	29°32	17°18	20°49	T 18
F 19	11 50 10	28°52'26	29°59	5°39	19°22	7°46	23° 2	13°38	15°21	6°13	9°53	0°53	29°28	17°25	20°52	F 19
S 20	11 54 6	29°52'53	11♈53	7° 3	20°37	8°33	23° 0	13°41	15°22	6°15	9°53	0°41	29°25	17°31	20°55	S 20
S 21	11 58 3	0♈53'19	23°45	8°27	21°53	9°19	22°57	13°45	15°24	6°17	9°52	0°29	29°22	17°38	20°59	S 21
M22	12 2 0	1°53'43	5♉36	9°53	23° 8	10° 6	22°55	13°48	15°25	6°19	9°51	0°17	29°19	17°45	21° 2	M22
T 23	12 5 56	2°54'06	17°30	11°20	24°23	10°52	22°52	13°51	15°27	6°22	9°50	0° 7	29°16	17°52	21° 6	T 23
W24	12 9 53	3°54'27	29°27	12°48	25°38	11°39	22°49	13°54	15°28	6°24	9°50	29♑59	29°13	17°58	21° 9	W24
T 25	12 13 49	4°54'46	11♊33	14°18	26°53	12°26	22°46	13°57	15°30	6°26	9°49	29°54	29° 9	18° 5	21°12	T 25
F 26	12 17 46	5°55'03	23°50	15°48	28° 8	13°13	22°43	13°59	15°31	6°29	9°49	29°51	29° 6	18°12	21°16	F 26
S 27	12 21 42	6°55'19	6♋23	17°19	29°23	13°59	22°39	14° 2	15°32	6°31	9°48	29°D50	29° 3	18°18	21°19	S 27
S 28	12 25 39	7°55'32	19°17	18°52	0♈38	14°46	22°36	14° 5	15°33	6°33	9°47	29°51	29° 0	18°25	21°23	S 28
M29	12 29 35	8°55'44	2♌37	20°25	1°53	15°33	22°32	14° 7	15°34	6°35	9°47	29°R51	28°57	18°32	21°26	M29
T 30	12 33 32	9°55'53	16°25	22° 0	3° 8	16°19	22°28	14°10	15°36	6°38	9°46	29°50	28°54	18°39	21°30	T 30
W31	12 37 29	10♈56'01	0♍43	23♓36	4♈23	17♓ 6	22♏24	14♑12	15♑37	6♈40	9♌46	29♑46	28♑50	18♈45	21♈33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s30	21n43	0n41	14s43	1n18	13s18	0s53	14s27	1s 3	17s11	1n15	21s29	1n11	22s40	0s15	1n20	0s55	16n55	0s39	19s33	19s53	10n36	9n 6	1n30
T 2	7 7	17 27	0s35	14 42	1 6	12 54	0 55	14 12	1 4	17 11	1 16	21 28	1 11	22 40	0 15	1 21	0 55	16 55	0 39	19 33	19 53	10 39	9 7	1 30
W 3	6 44	12 4	1 50	14 39	0 55	12 30	0 57	13 57	1 4	17 11	1 16	21 28	1 11	22 40	0 15	1 22	0 55	16 56	0 39	19 33	19 54	10 41	9 8	1 29
T 4	6 21	5 52	3 1	14 34	0 44	12 5	0 59	13 41	1 4	17 11	1 16	21 27	1 11	22 40	0 15	1 23	0 55	16 56	0 39	19 34	19 55	10 44	9 9	1 29
F 5	5 58	0s45	3 59	14 28	0 33	11 40	1 1	13 26	1 4	17 11	1 16	21 27	1 11	22 39	0 15	1 24	0 55	16 56	0 39	19 35	19 55	10 47	9 10	1 29
S 6	5 34	7 21	4 42	14 20	0 22	11 15	1 2	13 10	1 5	17 11	1 16	21 27	1 11	22 39	0 15	1 24	0 55	16 57	0 38	19 37	19 56	10 50	9 11	1 29
S 7	5 11	13 30	5 5	14 11	0 12	10 50	1 4	12 55	1 5	17 11	1 17	21 26	1 11	22 39	0 15	1 25	0 55	16 57	0 38	19 38	19 57	10 53	9 12	1 29
M 8	4 48	18 47	5 6	14 1	0 2	10 24	1 6	12 39	1 5	17 11	1 17	21 26	1 11	22 39	0 15	1 26	0 55	16 57	0 38	19 40	19 57	10 55	9 14	1 29
T 9	4 24	22 48	4 48	13 49	0s 8	9 58	1 7	12 23	1 5	17 10	1 17	21 25	1 11	22 38	0 15	1 27	0 55	16 58	0 38	19 41	19 58	10 58	9 15	1 29
W10	4 1	25 20	4 13	13 36	0 17	9 31	1 9	12 7	1 6	17 10	1 17	21 25	1 11	22 38	0 15	1 28	0 55	16 58	0 38	19 42	19 59	11 1	9 16	1 29
T 11	3 37	26 14	3 23	13 21	0 26	9 5	1 10	11 51	1 6	17 10	1 17	21 24	1 11	22 38	0 15	1 29	0 55	16 58	0 38	19 42	19 59	11 4	9 17	1 29
F 12	3 13	25 35	2 24	13 6	0 35	8 38	1 12	11 35	1 6	17 9	1 18	21 24	1 11	22 38	0 15	1 30	0 55	16 59	0 38	19 42	20 0	11 6	9 18	1 28
S 13	2 50	23 32	1 19	12 49	0 43	8 11	1 13	11 18	1 6	17 9	1 18	21 23	1 11	22 38	0 15	1 30	0 55	16 59	0 38	19 41	20 1	11 9	9 19	1 28
S 14	2 26	20 21	0 12	12 30	0 51	7 43	1 14	11 2	1 6	17 9	1 18	21 23	1 11	22 37	0 15	1 31	0 55	16 59	0 38	19 41	20 1	11 12	9 20	1 28
M15	2 2	16 17	0n55	12 11	0 59	7 16	1 16	10 45	1 7	17 8	1 18	21 23	1 11	22 37	0 15	1 32	0 55	16 59	0 38	19 41	20 2	11 15	9 21	1 28
T 16	1 38	11 36	1 58	11 50	1 6	6 48	1 17	10 28	1 7	17 8	1 18	21 22	1 11	22 37	0 15	1 33	0 55	17 0	0 38	19 42	20 3	11 18	9 22	1 28
W17	1 14	6 31	2 55	11 29	1 13	6 20	1 18	10 11	1 7	17 7	1 18	21 22	1 11	22 37	0 15	1 34	0 55	17 0	0 38	19 43	20 3	11 20	9 24	1 28
T 18	0 50	1 16	3 43	11 6	1 20	5 52	1 19	9 54	1 7	17 6	1 19	21 21	1 11	22 37	0 15	1 35	0 55	17 0	0 38	19 45	20 4	11 23	9 25	1 28
F 19	0 27	3n59	4 21	10 42	1 26	5 24	1 20	9 37	1 7	17 6	1 19	21 21	1 11	22 37	0 16	1 36	0 55	17 1	0 37	19 47	20 5	11 26	9 26	1 28
S 20	0 3	9 4	4 47	10 17	1 32	4 55	1 21	9 20	1 8	17 5	1 19	21 21	1 11	22 36	0 16	1 37	0 55	17 1	0 37	19 49	20 5	11 28	9 27	1 28
S 21	0n21	13 48	5 1	9 51	1 38	4 27	1 22	9 3	1 8	17 4	1 19	21 20	1 12	22 36	0 16	1 37	0 55	17 1	0 37	19 52	20 6	11 31	9 28	1 27
M22	0 45	18 1	5 2	9 23	1 43	3 58	1 22	8 46	1 8	17 3	1 19	21 20	1 12	22 36	0 16	1 38	0 55	17 1	0 37	19 55	20 7	11 34	9 29	1 27
T 23	1 9	21 32	4 49	8 55	1 48	3 29	1 23	8 28	1 8	17 3	1 20	21 20	1 12	22 36	0 16	1 39	0 55	17 2	0 37	19 57	20 7	11 37	9 31	1 27
W24	1 32	24 9	4 24	8 26	1 53	3 0	1 24	8 11	1 8	17 2	1 20	21 19	1 12	22 36	0 16	1 40	0 55	17 2	0 37	19 58	20 8	11 39	9 32	1 27
T 25	1 56	25 43	3 47	7 56	1 57	2 31	1 24	7 53	1 8	17 1	1 20	21 19	1 12	22 36	0 16	1 41	0 55	17 2	0 37	20 0	20 9	11 42	9 33	1 27
F 26	2 20	26 4	2 59	7 24	2 1	2 2	1 25	7 36	1 8	17 0	1 20	21 19	1 12	22 36	0 16	1 42	0 55	17 2	0 37	20 0	20 9	11 45	9 34	1 27
S 27	2 43	25 6	2 1	6 52	2 4	1 33	1 26	7 18	1 8	16 59	1 20	21 18	1 12	22 35	0 16	1 43	0 55	17 3	0 37	20 0	20 10	11 48	9 35	1 27
S 28	3 7	22 46	0 56	6 19	2 7	1 4	1 26	7 0	1 9	16 58	1 20	21 18	1 12	22 35	0 16	1 44	0 55	17 3	0 37	20 0	20 11	11 50	9 37	1 27
M29	3 31	19 10	0s15	5 45	2 10	0 35	1 26	6 42	1 9	16 57	1 21	21 18	1 12	22 35	0 16	1 45	0 55	17 3	0 37	20 0	20 11	11 53	9 38	1 27
T 30	3 54	14 24	1 27	5 10	2 12	0 6	1 27	6 24	1 9	16 55	1 21	21 17	1 12	22 35	0 16	1 45	0 56	17 3	0 37	20 0	20 12	11 56	9 39	1 27
W31	4n17	8n41	2s36	4s34	2s14	0n24	1s27	6s 7	1s 9	16s54	1n21	21s17	1n12	22s35	0s16	1n46	0s56	17n 4	0s37	20s 1	20s13	11n58	9n40	1n27

Julian Day Number = 3060098.5, Delta T = 02h31m04s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°05'56, Lahiri = 47°12'56

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

APRIL 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 41 25	11♈56'06	15♍28	25♓13	5♈38	17♓53	22°R20	14♉14	15♉38	6♈42	9°R45	29°R40	28♉47	18♈52	21♈37	T 1
F 2	12 45 22	12°56'10	0♎35	26°51	6°53	18°40	22♏15	14°16	15°39	6°44	9♌45	29♉32	28°44	18°59	21°40	F 2
S 3	12 49 18	13°56'11	15°54	28°30	8° 8	19°27	22°11	14°18	15°39	6°47	9°44	29°22	28°41	19° 5	21°44	S 3
S 4	12 53 15	14°56'11	1♏16	0♈10	9°23	20°13	22° 6	14°20	15°40	6°49	9°44	29°11	28°38	19°12	21°48	S 4
M 5	12 57 11	15°56'10	16°26	1°51	10°38	21° 0	22° 1	14°22	15°41	6°51	9°43	29° 0	28°34	19°19	21°51	M 5
T 6	13 1 8	16°56'07	1♐17	3°34	11°52	21°47	21°56	14°24	15°42	6°53	9°43	28°52	28°31	19°26	21°55	T 6
W 7	13 5 4	17°56'02	15°40	5°17	13° 7	22°34	21°51	14°25	15°42	6°56	9°43	28°46	28°28	19°32	21°58	W 7
T 8	13 9 1	18°55'56	29°35	7° 2	14°22	23°21	21°46	14°27	15°43	6°58	9°42	28°43	28°25	19°39	22° 2	T 8
F 9	13 12 57	19°55'48	13♑ 0	8°48	15°37	24° 8	21°40	14°28	15°44	7° 0	9°42	28°42	28°22	19°46	22° 5	F 9
S 10	13 16 54	20°55'39	26° 0	10°35	16°52	24°55	21°34	14°30	15°44	7° 2	9°42	28°42	28°19	19°53	22° 9	S 10
S 11	13 20 51	21°55'28	8♒38	12°23	18° 7	25°41	21°29	14°31	15°45	7° 5	9°41	28°41	28°15	19°59	22°12	S 11
M12	13 24 47	22°55'15	20°58	14°13	19°22	26°28	21°23	14°32	15°45	7° 7	9°41	28°40	28°12	20° 6	22°16	M12
T 13	13 28 44	23°55'01	3♓ 7	16° 3	20°36	27°15	21°17	14°33	15°45	7° 9	9°41	28°36	28° 9	20°13	22°20	T 13
W14	13 32 40	24°54'45	15° 6	17°55	21°51	28° 2	21°11	14°34	15°46	7°11	9°41	28°29	28° 6	20°19	22°23	W14
T 15	13 36 37	25°54'27	27° 1	19°48	23° 6	28°49	21° 4	14°35	15°46	7°13	9°40	28°20	28° 3	20°26	22°27	T 15
F 16	13 40 33	26°54'08	8♈53	21°43	24°21	29°36	20°58	14°35	15°46	7°16	9°40	28° 7	28° 0	20°33	22°30	F 16
S 17	13 44 30	27°53'47	20°45	23°38	25°36	0♈23	20°51	14°36	15°46	7°18	9°40	27°53	27°56	20°40	22°34	S 17
S 18	13 48 26	28°53'23	2♉37	25°35	26°50	1°10	20°45	14°37	15°46	7°20	9°40	27°38	27°53	20°46	22°37	S 18
M19	13 52 23	29°52'58	14°32	27°33	28° 5	1°57	20°38	14°37	15°R46	7°22	9°40	27°24	27°50	20°53	22°41	M19
T 20	13 56 20	0♉52'31	26°30	29°32	29°20	2°44	20°31	14°37	15°46	7°24	9°40	27°11	27°47	21° 0	22°45	T 20
W21	14 0 16	1°52'02	8♊33	1♉32	0♉35	3°31	20°24	14°38	15°46	7°26	9°40	27° 1	27°44	21° 6	22°48	W21
T 22	14 4 13	2°51'31	20°44	3°33	1°49	4°18	20°17	14°38	15°46	7°29	9°D40	26°53	27°40	21°13	22°52	T 22
F 23	14 8 9	3°50'58	3♋ 5	5°34	3° 4	5° 5	20°10	14°R38	15°46	7°31	9°40	26°49	27°37	21°20	22°55	F 23
S 24	14 12 6	4°50'23	15°39	7°37	4°19	5°52	20° 3	14°38	15°46	7°33	9°40	26°47	27°34	21°27	22°59	S 24
S 25	14 16 2	5°49'45	28°31	9°40	5°33	6°39	19°56	14°37	15°45	7°35	9°40	26°47	27°31	21°33	23° 2	S 25
M26	14 19 59	6°49'05	11♌45	11°43	6°48	7°25	19°49	14°37	15°45	7°37	9°40	26°47	27°28	21°40	23° 6	M26
T 27	14 23 55	7°48'23	25°23	13°46	8° 2	8°12	19°41	14°37	15°45	7°39	9°40	26°46	27°25	21°47	23° 9	T 27
W28	14 27 52	8°47'39	9♍28	15°50	9°17	8°59	19°34	14°36	15°44	7°41	9°40	26°43	27°21	21°54	23°13	W28
T 29	14 31 49	9°46'52	24° 0	17°53	10°31	9°46	19°26	14°36	15°44	7°43	9°40	26°38	27°18	22° 0	23°16	T 29
F 30	14 35 45	10♉46'03	8♎55	19♉55	11♉46	10♈33	19♏19	14♉35	15♉43	7♈45	9♌41	26♉30	27♉15	22♈ 7	23♈20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n41	2n21	3s37	3s57	2s15	0n53	1s27	5s48	1s 9	16s53	1n21	21s17	1n12	22s35	0s16	1n47	0s56	17n 4	0s37	20s 2	20s13	12n 1	9n41	1n26
F 2	5 4	4s16	4 24	3 19	2 16	1 22	1 27	5 30	1 9	16 52	1 21	21 16	1 12	22 35	0 16	1 48	0 56	17 4	0 36	20 4	20 14	12 4	9 43	1 26
S 3	5 27	10 43	4 53	2 41	2 16	1 52	1 27	5 12	1 9	16 50	1 21	21 16	1 12	22 35	0 16	1 49	0 56	17 4	0 36	20 6	20 15	12 6	9 44	1 26
S 4	5 50	16 30	5 1	2 2	2 17	2 21	1 27	4 54	1 9	16 49	1 21	21 16	1 12	22 35	0 16	1 50	0 56	17 4	0 36	20 8	20 15	12 9	9 45	1 26
M 5	6 13	21 12	4 47	1 21	2 16	2 50	1 27	4 36	1 9	16 48	1 22	21 16	1 12	22 35	0 16	1 51	0 56	17 5	0 36	20 11	20 16	12 12	9 46	1 26
T 6	6 36	24 23	4 15	0 40	2 15	3 19	1 27	4 18	1 9	16 46	1 22	21 15	1 12	22 35	0 16	1 52	0 56	17 5	0 36	20 12	20 16	12 15	9 48	1 26
W 7	6 58	25 53	3 27	0n 1	2 14	3 48	1 27	3 59	1 9	16 45	1 22	21 15	1 12	22 35	0 16	1 52	0 56	17 5	0 36	20 13	20 17	12 17	9 49	1 26
T 8	7 21	25 41	2 27	0 44	2 13	4 17	1 26	3 41	1 9	16 43	1 22	21 15	1 12	22 34	0 16	1 53	0 56	17 5	0 36	20 14	20 18	12 20	9 50	1 26
F 9	7 44	23 57	1 22	1 27	2 10	4 46	1 26	3 23	1 9	16 42	1 22	21 15	1 13	22 34	0 16	1 54	0 56	17 5	0 36	20 14	20 18	12 23	9 51	1 26
S 10	8 6	21 0	0 14	2 11	2 8	5 15	1 26	3 4	1 9	16 40	1 22	21 15	1 13	22 34	0 16	1 55	0 56	17 5	0 36	20 14	20 19	12 25	9 53	1 26
S 11	8 28	17 6	0n52	2 56	2 5	5 44	1 25	2 46	1 9	16 39	1 22	21 14	1 13	22 34	0 16	1 56	0 56	17 5	0 36	20 14	20 20	12 28	9 54	1 26
M12	8 50	12 34	1 55	3 41	2 1	6 12	1 25	2 27	1 9	16 37	1 22	21 14	1 13	22 34	0 16	1 57	0 56	17 6	0 36	20 15	20 20	12 31	9 55	1 26
T 13	9 12	7 37	2 51	4 27	1 57	6 41	1 24	2 9	1 9	16 35	1 23	21 14	1 13	22 34	0 16	1 58	0 56	17 6	0 36	20 15	20 21	12 33	9 56	1 26
W14	9 34	2 27	3 39	5 14	1 53	7 9	1 23	1 50	1 9	16 34	1 23	21 14	1 13	22 34	0 16	1 58	0 56	17 6	0 36	20 17	20 21	12 36	9 58	1 26
T 15	9 55	2n45	4 16	6 1	1 48	7 37	1 23	1 32	1 9	16 32	1 23	21 14	1 13	22 34	0 16	1 59	0 56	17 6	0 35	20 19	20 22	12 38	9 59	1 25
F 16	10 17	7 50	4 43	6 48	1 42	8 5	1 22	1 13	1 9	16 30	1 23	21 14	1 13	22 34	0 16	2 0	0 56	17 6	0 35	20 21	20 23	12 41	10 0	1 25
S 17	10 38	12 37	4 57	7 36	1 36	8 33	1 21	0 55	1 9	16 29	1 23	21 14	1 13	22 34	0 16	2 1	0 56	17 6	0 35	20 24	20 23	12 44	10 2	1 25
S 18	10 59	16 56	4 58	8 25	1 30	9 1	1 20	0 36	1 9	16 27	1 23	21 13	1 13	22 34	0 16	2 2	0 56	17 6	0 35	20 27	20 24	12 46	10 3	1 25
M19	11 20	20 37	4 46	9 13	1 22	9 28	1 19	0 17	1 9	16 25	1 23	21 13	1 13	22 34	0 16	2 3	0 56	17 6	0 35	20 30	20 25	12 49	10 4	1 25
T 20	11 41	23 26	4 22	10 2	1 15	9 55	1 18	0n 1	1 9	16 23	1 23	21 13	1 13	22 34	0 16	2 3	0 56	17 6	0 35	20 32	20 25	12 52	10 5	1 25
W21	12 1	25 14	3 45	10 51	1 7	10 22	1 17	0 20	1 9	16 21	1 23	21 13	1 13	22 34	0 16	2 4	0 56	17 7	0 35	20 34	20 26	12 54	10 7	1 25
T 22	12 21	25 52	2 58	11 40	0 59	10 49	1 16	0 38	1 9	16 19	1 23	21 13	1 13	22 34	0 16	2 5	0 56	17 7	0 35	20 36	20 26	12 57	10 8	1 25
F 23	12 41	25 13	2 2	12 29	0 50	11 15	1 15	0 57	1 9	16 17	1 23	21 13	1 13	22 34	0 16	2 6	0 56	17 7	0 35	20 36	20 27	12 59	10 9	1 25
S 24	13 1	23 17	0 59	13 17	0 40	11 42	1 13	1 15	1 9	16 16	1 23	21 13	1 13	22 35	0 16	2 7	0 56	17 7	0 35	20 37	20 28	13 2	10 10	1 25
S 25	13 21	20 7	0s 9	14 6	0 31	12 7	1 12	1 34	1 9	16 14	1 23	21 13	1 13	22 35	0 16	2 7	0 56	17 7	0 35	20 37	20 28	13 5	10 12	1 25
M26	13 40	15 51	1 18	14 53	0 20	12 33	1 11	1 52	1 9	16 12	1 23	21 13	1 13	22 35	0 16	2 8	0 56	17 7	0 35	20 37	20 29	13 7	10 13	1 25
T 27	13 59	10 40	2 25	15 40	0 10	12 58	1 9	2 11	1 8	16 10	1 23	21 13	1 13	22 35	0 16	2 9	0 56	17 7	0 35	20 37	20 30	13 10	10 14	1 25
W28	14 18	4 46	3 25	16 27	0n 1	13 23	1 8	2 29	1 8	16 8	1 23	21 13	1 14	22 35	0 16	2 10	0 56	17 7	0 35	20 38	20 30	13 13	10 15	1 25
T 29	14 37	1s32	4 14	17 12	0 12	13 48	1 6	2 47	1 8	16 6	1 23	21 13	1 14	22 35	0 16	2 11	0 56	17 7	0 34	20 39	20 31	13 15	10 16	1 25
F 30	14n55	7s55	4s47	17n56	0n23	14n12	1s 5	3n 6	1s 8	16s 4	1n23	21s13	1n14	22s35	0s17	2n11	0s56	17n 7	0s34	20s40	20s31	13n18	10n18	1n25

Julian Day Number = 3060129.5, Delta T = 02h31m05s
Ecliptic obliquity = 23°13'35, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'00, Lahiri = 47°13'00

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

MAY 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 42	11♉45'12	24♎ 6	21♉56	13♉ 0	11♈20	19°R11	14°R34	15°R43	7♈47	9♌41	26°R20	27♏12	22♈14	23♈23	S 1
S 2	14 43 38	12°44'19	9♏23	23°56	14°15	12° 7	19♏ 4	14♏33	15♏42	7°49	9°41	26♏ 9	27° 9	22°20	23°26	S 2
M 3	14 47 35	13°43'24	24°35	25°54	15°29	12°54	18°56	14°32	15°41	7°51	9°41	25°59	27° 6	22°27	23°30	M 3
T 4	14 51 31	14°42'27	9♐31	27°50	16°44	13°41	18°49	14°31	15°41	7°53	9°42	25°51	27° 2	22°34	23°33	T 4
W 5	14 55 28	15°41'29	24° 4	29°44	17°58	14°27	18°41	14°30	15°40	7°55	9°42	25°45	26°59	22°41	23°37	W 5
T 6	14 59 24	16°40'28	8♑ 7	1♊34	19°13	15°14	18°33	14°29	15°39	7°56	9°42	25°41	26°56	22°47	23°40	T 6
F 7	15 3 21	17°39'26	21°41	3°22	20°27	16° 1	18°26	14°27	15°38	7°58	9°43	25°D40	26°53	22°54	23°43	F 7
S 8	15 7 18	18°38'23	4♒48	5° 6	21°42	16°48	18°18	14°26	15°37	8° 0	9°43	25°40	26°50	23° 1	23°47	S 8
S 9	15 11 14	19°37'17	17°30	6°46	22°56	17°35	18°10	14°24	15°36	8° 2	9°43	25°R41	26°46	23° 7	23°50	S 9
M10	15 15 11	20°36'10	29°52	8°23	24°10	18°22	18° 2	14°23	15°35	8° 4	9°44	25°40	26°43	23°14	23°53	M10
T 11	15 19 7	21°35'01	12♓ 0	9°55	25°25	19° 8	17°55	14°21	15°34	8° 6	9°44	25°38	26°40	23°21	23°56	T 11
W12	15 23 4	22°33'51	23°58	11°22	26°39	19°55	17°47	14°19	15°33	8° 7	9°45	25°33	26°37	23°28	24° 0	W12
T 13	15 27 0	23°32'39	5♈50	12°45	27°53	20°42	17°39	14°17	15°32	8° 9	9°45	25°26	26°34	23°34	24° 3	T 13
F 14	15 30 57	24°31'25	17°41	14° 2	29° 8	21°29	17°32	14°15	15°31	8°11	9°46	25°17	26°31	23°41	24° 6	F 14
S 15	15 34 53	25°30'10	29°33	15°15	0♊22	22°15	17°24	14°13	15°29	8°13	9°46	25° 6	26°27	23°48	24° 9	S 15
S 16	15 38 50	26°28'53	11♉28	16°23	1°36	23° 2	17°17	14°11	15°28	8°14	9°47	24°55	26°24	23°55	24°12	S 16
M17	15 42 47	27°27'34	23°28	17°25	2°50	23°49	17° 9	14° 9	15°27	8°16	9°47	24°44	26°21	24° 1	24°15	M17
T 18	15 46 43	28°26'13	5♊35	18°22	4° 5	24°35	17° 2	14° 6	15°25	8°18	9°48	24°34	26°18	24° 8	24°19	T 18
W19	15 50 40	29°24'50	17°49	19°13	5°19	25°22	16°54	14° 4	15°24	8°19	9°49	24°26	26°15	24°15	24°22	W19
T 20	15 54 36	0♊23'26	0♋11	19°59	6°33	26° 9	16°47	14° 1	15°22	8°21	9°49	24°21	26°12	24°21	24°25	T 20
F 21	15 58 33	1°21'59	12°44	20°40	7°47	26°55	16°40	13°59	15°21	8°22	9°50	24°18	26° 8	24°28	24°28	F 21
S 22	16 2 29	2°20'31	25°29	21°14	9° 1	27°42	16°33	13°56	15°19	8°24	9°51	24°D18	26° 5	24°35	24°31	S 22
S 23	16 6 26	3°19'00	8♌29	21°43	10°15	28°29	16°25	13°53	15°18	8°25	9°51	24°18	26° 2	24°42	24°34	S 23
M24	16 10 22	4°17'28	21°45	22° 7	11°29	29°15	16°18	13°51	15°16	8°27	9°52	24°19	25°59	24°48	24°37	M24
T 25	16 14 19	5°15'53	5♍21	22°24	12°44	0♉ 2	16°11	13°48	15°15	8°28	9°53	24°R20	25°56	24°55	24°39	T 25
W26	16 18 16	6°14'16	19°18	22°36	13°58	0°48	16° 5	13°45	15°13	8°30	9°54	24°19	25°52	25° 2	24°42	W26
T 27	16 22 12	7°12'37	3♎35	22°43	15°12	1°34	15°58	13°42	15°11	8°31	9°55	24°17	25°49	25° 8	24°45	T 27
F 28	16 26 9	8°10'56	18°12	22°R44	16°26	2°21	15°51	13°38	15° 9	8°32	9°55	24°12	25°46	25°15	24°48	F 28
S 29	16 30 5	9° 9'14	3♏ 2	22°40	17°40	3° 7	15°44	13°35	15° 7	8°34	9°56	24° 6	25°43	25°22	24°51	S 29
S 30	16 34 2	10° 7'29	17°59	22°31	18°54	3°54	15°38	13°32	15° 6	8°35	9°57	23°59	25°40	25°29	24°53	S 30
M31	16 37 58	11♊ 5'43	2♐54	22♊17	20♊ 8	4♉40	15♏32	13♏29	15♏ 4	8♈36	9♌58	23♏53	25♏37	25♈35	24♈56	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n14	13s56	5s 1	18n38	0n34	14n36	1s 3	3n24	1s 8	16s 2	1n23	21s13	1n14	22s35	0s17	2n12	0s56	17n 7	0s34	20s42	20s32	13n20	10n19	1n25
S 2	15 31	19 7	4 53	19 19	0 45	15 0	1 1	3 42	1 8	16 0	1 23	21 13	1 14	22 35	0 17	2 13	0 56	17 7	0 34	20 44	20 33	13 23	10 20	1 24
M 3	15 49	23 2	4 25	19 58	0 56	15 23	1 0	4 1	1 8	15 58	1 23	21 13	1 14	22 35	0 17	2 14	0 56	17 7	0 34	20 46	20 33	13 25	10 21	1 24
T 4	16 6	25 17	3 39	20 36	1 7	15 46	0 58	4 19	1 7	15 55	1 23	21 13	1 14	22 35	0 17	2 14	0 56	17 7	0 34	20 47	20 34	13 28	10 23	1 24
W 5	16 23	25 45	2 39	21 11	1 18	16 8	0 56	4 37	1 7	15 53	1 23	21 13	1 14	22 35	0 17	2 15	0 56	17 7	0 34	20 48	20 34	13 31	10 24	1 24
T 6	16 40	24 30	1 32	21 44	1 28	16 30	0 54	4 55	1 7	15 51	1 23	21 13	1 14	22 36	0 17	2 16	0 56	17 7	0 34	20 49	20 35	13 33	10 25	1 24
F 7	16 57	21 51	0 21	22 15	1 38	16 52	0 52	5 13	1 7	15 49	1 23	21 13	1 14	22 36	0 17	2 16	0 56	17 7	0 34	20 49	20 36	13 36	10 26	1 24
S 8	17 13	18 7	0n48	22 44	1 48	17 13	0 50	5 31	1 7	15 47	1 23	21 14	1 14	22 36	0 17	2 17	0 56	17 7	0 34	20 49	20 36	13 38	10 27	1 24
S 9	17 29	13 39	1 53	23 10	1 57	17 33	0 49	5 49	1 6	15 45	1 23	21 14	1 14	22 36	0 17	2 18	0 56	17 7	0 34	20 49	20 37	13 41	10 28	1 24
M10	17 45	8 44	2 51	23 34	2 5	17 54	0 47	6 7	1 6	15 43	1 23	21 14	1 14	22 36	0 17	2 18	0 56	17 7	0 34	20 49	20 37	13 43	10 30	1 24
T 11	18 0	3 36	3 40	23 55	2 12	18 13	0 44	6 25	1 6	15 41	1 23	21 14	1 14	22 36	0 17	2 19	0 56	17 7	0 34	20 50	20 38	13 46	10 31	1 24
W12	18 15	1n36	4 19	24 14	2 19	18 33	0 42	6 42	1 6	15 39	1 23	21 14	1 14	22 36	0 17	2 20	0 56	17 7	0 33	20 50	20 39	13 48	10 32	1 24
T 13	18 30	6 41	4 46	24 31	2 25	18 52	0 40	7 0	1 6	15 37	1 23	21 14	1 14	22 37	0 17	2 20	0 56	17 7	0 33	20 52	20 39	13 51	10 33	1 24
F 14	18 44	11 31	5 1	24 46	2 30	19 10	0 38	7 18	1 5	15 35	1 23	21 15	1 14	22 37	0 17	2 21	0 56	17 7	0 33	20 53	20 40	13 54	10 34	1 24
S 15	18 58	15 56	5 2	24 58	2 34	19 28	0 36	7 35	1 5	15 33	1 23	21 15	1 14	22 37	0 17	2 22	0 56	17 7	0 33	20 55	20 40	13 56	10 35	1 24
S 16	19 12	19 45	4 51	25 9	2 37	19 45	0 34	7 52	1 5	15 31	1 23	21 15	1 14	22 37	0 17	2 22	0 56	17 7	0 33	20 57	20 41	13 59	10 36	1 24
M17	19 25	22 47	4 27	25 17	2 40	20 1	0 32	8 10	1 4	15 29	1 23	21 15	1 14	22 37	0 17	2 23	0 57	17 6	0 33	20 59	20 42	14 1	10 38	1 24
T 18	19 38	24 49	3 50	25 23	2 41	20 18	0 29	8 27	1 4	15 27	1 23	21 15	1 14	22 37	0 17	2 24	0 57	17 6	0 33	21 1	20 42	14 4	10 39	1 24
W19	19 51	25 42	3 2	25 27	2 40	20 33	0 27	8 44	1 4	15 25	1 23	21 16	1 14	22 38	0 17	2 24	0 57	17 6	0 33	21 2	20 43	14 6	10 40	1 24
T 20	20 3	25 19	2 6	25 30	2 39	20 48	0 25	9 1	1 4	15 23	1 22	21 16	1 14	22 38	0 17	2 25	0 57	17 6	0 33	21 3	20 43	14 9	10 41	1 24
F 21	20 15	23 39	1 2	25 30	2 37	21 3	0 22	9 18	1 3	15 21	1 22	21 16	1 14	22 38	0 17	2 25	0 57	17 6	0 33	21 4	20 44	14 11	10 42	1 24
S 22	20 27	20 45	0s 6	25 29	2 33	21 16	0 20	9 35	1 3	15 19	1 22	21 16	1 14	22 38	0 17	2 26	0 57	17 6	0 33	21 4	20 45	14 14	10 43	1 24
S 23	20 38	16 46	1 16	25 26	2 28	21 30	0 18	9 52	1 3	15 17	1 22	21 17	1 14	22 38	0 17	2 26	0 57	17 6	0 33	21 4	20 45	14 16	10 44	1 24
M24	20 49	11 53	2 22	25 22	2 22	21 42	0 15	10 8	1 2	15 15	1 22	21 17	1 14	22 39	0 17	2 27	0 57	17 6	0 33	21 4	20 46	14 19	10 45	1 24
T 25	20 59	6 19	3 23	25 16	2 15	21 54	0 13	10 25	1 2	15 14	1 22	21 17	1 14	22 39	0 17	2 28	0 57	17 6	0 33	21 4	20 46	14 21	10 46	1 24
W26	21 9	0 19	4 13	25 8	2 7	22 6	0 11	10 41	1 2	15 12	1 22	21 17	1 14	22 39	0 17	2 28	0 57	17 5	0 32	21 4	20 47	14 24	10 47	1 24
T 27	21 19	5s50	4 48	24 59	1 57	22 17	0 8	10 57	1 1	15 10	1 22	21 18	1 14	22 39	0 17	2 29	0 57	17 5	0 32	21 4	20 48	14 26	10 48	1 24
F 28	21 29	11 48	5 6	24 48	1 46	22 27	0 6	11 14	1 1	15 8	1 21	21 18	1 14	22 39	0 17	2 29	0 57	17 5	0 32	21 5	20 48	14 29	10 49	1 24
S 29	21 38	17 11	5 4	24 36	1 34	22 36	0 3	11 30	1 0	15 6	1 21	21 18	1 14	22 40	0 17	2 30	0 57	17 5	0 32	21 6	20 49	14 31	10 50	1 24
S 30	21 46	21 33	4 42	24 22	1 21	22 45	0 1	11 46	1 0	15 5	1 21	21 19	1 14	22 40	0 17	2 30	0 57	17 5	0 32	21 7	20 49	14 34	10 51	1 24
M31	21n54	24s29	4s 0	24n 7	1n 7	22n53	0n 2	12n 1	1s 0	15s 3	1n21	21s19	1n14	22s40	0s17	2n31	0s57	17n 5	0s32	21s 8	20s50	14n36	10n52	1n24

Julian Day Number = 3060159.5, Delta T = 02h31m06s
Ecliptic obliquity = 23°13'34, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'04, Lahiri = 47°13'05

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

JUNE 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 41 55	12♊ 3'55	17♐39	21°R59	21♊22	5♉26	15°R25	13°R25	15°R 2	8♈38	9♘59	23°R48	25♏33	25♈42	24♈59	T 1
W 2	16 45 51	13° 2'05	2♏ 6	21♊36	22°35	6°12	15♏19	13♏22	15♏ 0	8°39	10° 0	23♏44	25°30	25°49	25° 1	W 2
T 3	16 49 48	14° 0'14	16° 9	21°10	23°49	6°59	15°13	13°18	14°58	8°40	10° 1	23°42	25°27	25°56	25° 4	T 3
F 4	16 53 45	14°58'22	29°46	20°41	25° 3	7°45	15° 7	13°14	14°56	8°41	10° 2	23°D42	25°24	26° 2	25° 7	F 4
S 5	16 57 41	15°56'28	12♒57	20°10	26°17	8°31	15° 1	13°11	14°54	8°42	10° 3	23°43	25°21	26° 9	25° 9	S 5
S 6	17 1 38	16°54'32	25°44	19°36	27°31	9°17	14°56	13° 7	14°52	8°44	10° 4	23°45	25°18	26°16	25°12	S 6
M 7	17 5 34	17°52'35	8♓11	19° 1	28°45	10° 3	14°50	13° 3	14°50	8°45	10° 5	23°46	25°14	26°22	25°14	M 7
T 8	17 9 31	18°50'37	20°22	18°25	29°59	10°49	14°45	13° 0	14°48	8°46	10° 6	23°R47	25°11	26°29	25°17	T 8
W 9	17 13 27	19°48'38	2♈22	17°50	1♋12	11°35	14°40	12°56	14°45	8°47	10° 7	23°46	25° 8	26°36	25°19	W 9
T 10	17 17 24	20°46'38	14°16	17°14	2°26	12°21	14°35	12°52	14°43	8°48	10° 8	23°43	25° 5	26°43	25°21	T 10
F 11	17 21 20	21°44'36	26° 7	16°40	3°40	13° 7	14°30	12°48	14°41	8°49	10° 9	23°40	25° 2	26°49	25°24	F 11
S 12	17 25 17	22°42'33	8♉ 1	16° 8	4°54	13°53	14°25	12°44	14°39	8°50	10°10	23°35	24°58	26°56	25°26	S 12
S 13	17 29 14	23°40'29	20° 0	15°38	6° 8	14°39	14°20	12°40	14°37	8°51	10°11	23°30	24°55	27° 3	25°28	S 13
M14	17 33 10	24°38'23	2♊ 7	15°10	7°21	15°25	14°16	12°36	14°34	8°51	10°12	23°25	24°52	27°10	25°30	M14
T 15	17 37 7	25°36'17	14°23	14°46	8°35	16°11	14°11	12°31	14°32	8°52	10°13	23°20	24°49	27°16	25°32	T 15
W16	17 41 3	26°34'09	26°51	14°25	9°49	16°57	14° 7	12°27	14°30	8°53	10°15	23°17	24°46	27°23	25°34	W16
T 17	17 45 0	27°32'00	9♋30	14° 8	11° 2	17°42	14° 3	12°23	14°27	8°54	10°16	23°15	24°43	27°30	25°37	T 17
F 18	17 48 56	28°29'49	22°22	13°55	12°16	18°28	13°59	12°19	14°25	8°55	10°17	23°D14	24°39	27°36	25°39	F 18
S 19	17 52 53	29°27'37	5♌26	13°46	13°30	19°14	13°56	12°14	14°23	8°55	10°18	23°15	24°36	27°43	25°41	S 19
S 20	17 56 50	0♋25'24	18°44	13°41	14°43	19°59	13°52	12°10	14°20	8°56	10°19	23°16	24°33	27°50	25°42	S 20
M21	18 0 46	1°23'09	2♍15	13°D41	15°57	20°45	13°49	12° 6	14°18	8°57	10°21	23°17	24°30	27°57	25°44	M21
T 22	18 4 43	2°20'52	16° 0	13°46	17°11	21°30	13°45	12° 1	14°16	8°57	10°22	23°19	24°27	28° 3	25°46	T 22
W23	18 8 39	3°18'34	29°57	13°55	18°24	22°16	13°42	11°57	14°13	8°58	10°23	23°R19	24°24	28°10	25°48	W23
T 24	18 12 36	4°16'15	14♎ 8	14° 8	19°38	23° 1	13°40	11°53	14°11	8°59	10°25	23°19	24°20	28°17	25°50	T 24
F 25	18 16 32	5°13'54	28°29	14°26	20°51	23°47	13°37	11°48	14° 8	8°59	10°26	23°18	24°17	28°23	25°51	F 25
S 26	18 20 29	6°11'32	12♏57	14°48	22° 5	24°32	13°34	11°44	14° 6	9° 0	10°27	23°16	24°14	28°30	25°53	S 26
S 27	18 24 25	7° 9'08	27°28	15°14	23°18	25°17	13°32	11°39	14° 4	9° 0	10°29	23°14	24°11	28°37	25°55	S 27
M28	18 28 22	8° 6'43	11♐56	15°45	24°32	26° 2	13°30	11°35	14° 1	9° 0	10°30	23°12	24° 8	28°44	25°56	M28
T 29	18 32 19	9° 4'17	26°17	16°20	25°45	26°47	13°28	11°31	13°59	9° 1	10°31	23°11	24° 4	28°50	25°58	T 29
W30	18 36 15	10♋ 1'50	10♏24	16♊59	26♋59	27♉33	13♏26	11♏26	13♏56	9♈ 1	10♘33	23♏10	24♏ 1	28♈57	25♈59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	25s41	3s 3	23n51	0n52	23n 1	0n 4	12n17	0s59	15s 1	1n21	21s19	1n14	22s40	0s17	2n31	0s57	17n 4	0s32	21s 9	20s50	14n38	10n53	1n24
W 2	22 10	25 7	1 54	23 34	0 36	23 8	0 6	12 33	0 59	15 0	1 21	21 20	1 14	22 41	0 17	2 31	0 57	17 4	0 32	21 10	20 51	14 41	10 54	1 24
T 3	22 17	22 56	0 41	23 16	0 20	23 14	0 9	12 48	0 58	14 58	1 20	21 20	1 14	22 41	0 17	2 32	0 57	17 4	0 32	21 10	20 52	14 43	10 55	1 23
F 4	22 23	19 29	0n33	22 57	0 3	23 19	0 11	13 3	0 58	14 57	1 20	21 20	1 14	22 41	0 17	2 32	0 57	17 4	0 32	21 10	20 52	14 46	10 56	1 23
S 5	22 29	15 8	1 43	22 37	0s15	23 24	0 14	13 18	0 58	14 55	1 20	21 21	1 14	22 41	0 17	2 33	0 57	17 4	0 32	21 10	20 53	14 48	10 57	1 23
S 6	22 35	10 14	2 45	22 17	0 32	23 28	0 16	13 33	0 57	14 54	1 20	21 21	1 14	22 42	0 17	2 33	0 57	17 4	0 32	21 10	20 53	14 51	10 58	1 23
M 7	22 41	5 3	3 38	21 57	0 50	23 32	0 19	13 48	0 57	14 52	1 20	21 22	1 14	22 42	0 17	2 34	0 57	17 3	0 32	21 9	20 54	14 53	10 58	1 23
T 8	22 46	0n13	4 20	21 36	1 8	23 35	0 21	14 3	0 56	14 51	1 20	21 22	1 14	22 42	0 17	2 34	0 57	17 3	0 32	21 9	20 54	14 56	10 59	1 23
W 9	22 50	5 23	4 50	21 15	1 26	23 37	0 23	14 17	0 56	14 50	1 19	21 22	1 14	22 42	0 17	2 34	0 57	17 3	0 31	21 9	20 55	14 58	11 0	1 23
T 10	22 55	10 18	5 7	20 55	1 43	23 38	0 26	14 32	0 55	14 48	1 19	21 23	1 14	22 43	0 17	2 35	0 57	17 3	0 31	21 10	20 56	15 0	11 1	1 23
F 11	22 58	14 50	5 11	20 35	1 59	23 39	0 28	14 46	0 55	14 47	1 19	21 23	1 14	22 43	0 17	2 35	0 57	17 2	0 31	21 10	20 56	15 3	11 2	1 23
S 12	23 2	18 49	5 2	20 16	2 15	23 39	0 31	15 0	0 54	14 46	1 19	21 23	1 14	22 43	0 17	2 35	0 57	17 2	0 31	21 11	20 57	15 5	11 3	1 23
S 13	23 5	22 4	4 39	19 58	2 30	23 38	0 33	15 14	0 54	14 45	1 19	21 24	1 14	22 43	0 17	2 36	0 57	17 2	0 31	21 12	20 57	15 8	11 3	1 23
M14	23 7	24 23	4 4	19 41	2 44	23 37	0 35	15 28	0 53	14 44	1 18	21 24	1 14	22 44	0 17	2 36	0 58	17 2	0 31	21 13	20 58	15 10	11 4	1 23
T 15	23 9	25 35	3 17	19 26	2 57	23 35	0 38	15 41	0 53	14 43	1 18	21 25	1 14	22 44	0 17	2 36	0 58	17 2	0 31	21 14	20 58	15 12	11 5	1 23
W16	23 11	25 31	2 20	19 11	3 9	23 32	0 40	15 55	0 52	14 42	1 18	21 25	1 14	22 44	0 17	2 37	0 58	17 1	0 31	21 14	20 59	15 15	11 6	1 23
T 17	23 12	24 8	1 15	18 59	3 20	23 28	0 42	16 8	0 52	14 41	1 18	21 26	1 14	22 44	0 17	2 37	0 58	17 1	0 31	21 15	21 0	15 17	11 7	1 23
F 18	23 13	21 28	0 5	18 47	3 30	23 24	0 44	16 21	0 51	14 40	1 17	21 26	1 14	22 45	0 17	2 37	0 58	17 1	0 31	21 15	21 0	15 20	11 7	1 23
S 19	23 13	17 40	1s 7	18 38	3 39	23 19	0 47	16 34	0 51	14 39	1 17	21 26	1 14	22 45	0 17	2 37	0 58	17 0	0 31	21 15	21 1	15 22	11 8	1 23
S 20	23 14	12 55	2 16	18 30	3 46	23 14	0 49	16 46	0 50	14 38	1 17	21 27	1 14	22 45	0 17	2 38	0 58	17 0	0 31	21 14	21 1	15 24	11 9	1 23
M21	23 13	7 29	3 18	18 24	3 52	23 8	0 51	16 59	0 50	14 37	1 17	21 27	1 14	22 45	0 18	2 38	0 58	17 0	0 31	21 14	21 2	15 27	11 9	1 23
T 22	23 12	1 37	4 11	18 19	3 57	23 1	0 53	17 11	0 49	14 36	1 17	21 28	1 14	22 46	0 18	2 38	0 58	17 0	0 31	21 14	21 2	15 29	11 10	1 23
W23	23 11	4s25	4 49	18 17	4 1	22 53	0 55	17 23	0 49	14 36	1 16	21 28	1 14	22 46	0 18	2 38	0 58	16 59	0 30	21 14	21 3	15 31	11 11	1 23
T 24	23 9	10 18	5 11	18 15	4 4	22 45	0 57	17 35	0 48	14 35	1 16	21 29	1 14	22 46	0 18	2 38	0 58	16 59	0 30	21 14	21 3	15 34	11 11	1 23
F 25	23 7	15 43	5 14	18 16	4 5	22 36	0 59	17 47	0 47	14 35	1 16	21 29	1 14	22 46	0 18	2 38	0 58	16 59	0 30	21 14	21 4	15 36	11 12	1 23
S 26	23 5	20 18	4 57	18 17	4 6	22 27	1 1	17 59	0 47	14 34	1 16	21 29	1 14	22 47	0 18	2 39	0 58	16 59	0 30	21 14	21 5	15 39	11 12	1 23
S 27	23 2	23 39	4 21	18 21	4 6	22 16	1 3	18 10	0 46	14 34	1 15	21 30	1 14	22 47	0 18	2 39	0 58	16 58	0 30	21 15	21 5	15 41	11 13	1 23
M28	22 59	25 28	3 28	18 25	4 5	22 6	1 5	18 21	0 46	14 33	1 15	21 30	1 13	22 47	0 18	2 39	0 58	16 58	0 30	21 15	21 6	15 43	11 14	1 23
T 29	22 55	25 33	2 23	18 31	4 2	21 54	1 7	18 32	0 45	14 33	1 15	21 31	1 13	22 48	0 18	2 39	0 58	16 58	0 30	21 15	21 6	15 46	11 14	1 23
W30	22n51	23s59	1s10	18n37	3s59	21n42	1n 9	18n43	0s44	14s33	1n15	21s31	1n13	22s48	0s18	2n39	0s58	16n57	0s30	21s15	21s 7	15n48	11n15	1n23

Julian Day Number = 3060190.5, Delta T = 02h31m07s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'08, Lahiri = 47°13'09

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

JULY 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 40 12	10♋59'22	24♑14	17♊42	28♋12	28♉18	13°R25	11°R22	13°R54	9♈ 2	10♎34	23°D10	23♑58	29♈ 4	26♈ 1	T 1
F 2	18 44 8	11°56'53	7♒43	18°28	29°25	29° 3	13♏23	11♑17	13♑51	9° 2	10°35	23♑10	23°55	29°11	26° 2	F 2
S 3	18 48 5	12°54'24	20°51	19°19	0♎39	29°48	13°22	11°13	13°49	9° 2	10°37	23°11	23°52	29°17	26° 3	S 3
S 4	18 52 1	13°51'53	3♓39	20°13	1°52	0♊33	13°21	11° 8	13°46	9° 2	10°38	23°11	23°49	29°24	26° 5	S 4
M 5	18 55 58	14°49'22	16° 8	21°11	3° 6	1°17	13°20	11° 4	13°44	9° 3	10°40	23°12	23°45	29°31	26° 6	M 5
T 6	18 59 54	15°46'50	28°21	22°12	4°19	2° 2	13°19	10°59	13°41	9° 3	10°41	23°13	23°42	29°37	26° 7	T 6
W 7	19 3 51	16°44'18	10♈24	23°17	5°32	2°47	13°19	10°55	13°39	9° 3	10°42	23°13	23°39	29°44	26° 8	W 7
T 8	19 7 48	17°41'45	22°19	24°25	6°45	3°32	13°18	10°50	13°36	9° 3	10°44	23°R13	23°36	29°51	26° 9	T 8
F 9	19 11 44	18°39'11	4♉12	25°36	7°59	4°16	13°D18	10°46	13°34	9° 3	10°45	23°13	23°33	29°58	26°10	F 9
S 10	19 15 41	19°36'37	16° 8	26°51	9°12	5° 1	13°18	10°42	13°31	9° 3	10°47	23°13	23°30	0♉ 4	26°11	S 10
S 11	19 19 37	20°34'03	28° 9	28° 9	10°25	5°45	13°18	10°37	13°29	9°R 3	10°48	23°12	23°26	0°11	26°12	S 11
M12	19 23 34	21°31'28	10♊21	29°30	11°38	6°30	13°19	10°33	13°27	9° 3	10°50	23°12	23°23	0°18	26°13	M12
T 13	19 27 30	22°28'53	22°46	0♋54	12°52	7°14	13°19	10°29	13°24	9° 3	10°51	23°12	23°20	0°25	26°14	T 13
W14	19 31 27	23°26'18	5♋26	2°22	14° 5	7°59	13°20	10°24	13°22	9° 3	10°53	23°D12	23°17	0°31	26°15	W14
T 15	19 35 24	24°23'41	18°22	3°52	15°18	8°43	13°21	10°20	13°19	9° 3	10°54	23°R12	23°14	0°38	26°15	T 15
F 16	19 39 20	25°21'05	1♌35	5°26	16°31	9°27	13°22	10°16	13°17	9° 3	10°56	23°12	23°10	0°45	26°16	F 16
S 17	19 43 17	26°18'28	15° 4	7° 3	17°44	10°11	13°23	10°12	13°14	9° 2	10°57	23°12	23° 7	0°51	26°17	S 17
S 18	19 47 13	27°15'50	28°47	8°42	18°57	10°55	13°25	10° 7	13°12	9° 2	10°59	23°12	23° 4	0°58	26°17	S 18
M19	19 51 10	28°13'11	12♍42	10°25	20°10	11°39	13°26	10° 3	13°10	9° 2	11° 0	23°11	23° 1	1° 5	26°18	M19
T 20	19 55 6	29°10'32	26°46	12°11	21°23	12°23	13°28	9°59	13° 7	9° 2	11° 2	23°10	22°58	1°12	26°18	T 20
W21	19 59 3	0♌ 7'52	10♎56	13°59	22°36	13° 7	13°30	9°55	13° 5	9° 1	11° 3	23°10	22°55	1°18	26°19	W21
T 22	20 2 59	1° 5'11	25°10	15°51	23°49	13°51	13°32	9°51	13° 3	9° 1	11° 5	23°D10	22°51	1°25	26°19	T 22
F 23	20 6 56	2° 2'30	9♏24	17°45	25° 2	14°35	13°35	9°47	13° 0	9° 1	11° 6	23°10	22°48	1°32	26°19	F 23
S 24	20 10 53	2°59'49	23°37	19°41	26°15	15°19	13°37	9°43	12°58	9° 0	11° 8	23°10	22°45	1°38	26°19	S 24
S 25	20 14 49	3°57'06	7♐46	21°40	27°28	16° 2	13°40	9°39	12°56	9° 0	11° 9	23°11	22°42	1°45	26°20	S 25
M26	20 18 46	4°54'24	21°47	23°42	28°41	16°46	13°43	9°36	12°54	8°59	11°11	23°12	22°39	1°52	26°20	M26
T 27	20 22 42	5°51'41	5♑40	25°45	29°54	17°29	13°46	9°32	12°51	8°59	11°13	23°13	22°36	1°59	26°20	T 27
W28	20 26 39	6°48'57	19°21	27°50	1♍ 7	18°13	13°49	9°28	12°49	8°58	11°14	23°R13	22°32	2° 5	26°R20	W28
T 29	20 30 35	7°46'13	2♒49	29°57	2°20	18°56	13°52	9°24	12°47	8°58	11°16	23°13	22°29	2°12	26°20	T 29
F 30	20 34 32	8°43'29	16° 1	2♌ 5	3°33	19°39	13°56	9°21	12°45	8°57	11°17	23°12	22°26	2°19	26°20	F 30
S 31	20 38 28	9♌40'45	28♒58	4♌14	4♍45	20♊23	13♏59	9♑17	12♑43	8♈57	11♌19	23♑10	22♑23	2♉26	26♈20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n47	20s59	0n 6	18n45	3s55	21n29	1n11	18n53	0s44	14s32	1n14	21s32	1n13	22s48	0s18	2n39	0s58	16n57	0s30	21s16	21s 7	15n50	11n15	1n23
F 2	22 42	16 54	1 20	18 54	3 51	21 16	1 12	19 4	0 43	14 32	1 14	21 32	1 13	22 48	0 18	2 39	0 58	16 57	0 30	21 15	21 8	15 53	11 16	1 23
S 3	22 36	12 5	2 27	19 3	3 45	21 2	1 14	19 14	0 43	14 32	1 14	21 33	1 13	22 49	0 18	2 39	0 58	16 56	0 30	21 15	21 8	15 55	11 16	1 23
S 4	22 31	6 53	3 26	19 13	3 39	20 48	1 16	19 24	0 42	14 32	1 14	21 33	1 13	22 49	0 18	2 39	0 58	16 56	0 30	21 15	21 9	15 57	11 17	1 23
M 5	22 25	1 32	4 13	19 24	3 33	20 33	1 17	19 34	0 41	14 32	1 13	21 33	1 13	22 49	0 18	2 39	0 58	16 56	0 30	21 15	21 9	15 59	11 17	1 23
T 6	22 18	3n45	4 47	19 35	3 25	20 17	1 19	19 43	0 41	14 32	1 13	21 34	1 13	22 49	0 18	2 40	0 58	16 55	0 30	21 15	21 10	16 2	11 17	1 23
W 7	22 11	8 49	5 9	19 46	3 17	20 1	1 20	19 53	0 40	14 32	1 13	21 34	1 13	22 50	0 18	2 40	0 58	16 55	0 30	21 15	21 11	16 4	11 18	1 23
T 8	22 4	13 31	5 17	19 58	3 9	19 44	1 22	20 2	0 39	14 32	1 13	21 35	1 13	22 50	0 18	2 40	0 58	16 55	0 30	21 15	21 11	16 6	11 18	1 23
F 9	21 56	17 41	5 11	20 9	3 0	19 27	1 23	20 11	0 39	14 32	1 12	21 35	1 13	22 50	0 18	2 40	0 59	16 55	0 29	21 15	21 12	16 9	11 19	1 23
S 10	21 48	21 10	4 52	20 21	2 50	19 9	1 24	20 19	0 38	14 33	1 12	21 36	1 12	22 50	0 18	2 39	0 59	16 54	0 29	21 15	21 12	16 11	11 19	1 23
S 11	21 40	23 48	4 20	20 32	2 41	18 51	1 26	20 28	0 37	14 33	1 12	21 36	1 12	22 51	0 18	2 39	0 59	16 54	0 29	21 15	21 13	16 13	11 19	1 23
M12	21 31	25 22	3 36	20 43	2 30	18 32	1 27	20 36	0 37	14 33	1 12	21 37	1 12	22 51	0 18	2 39	0 59	16 54	0 29	21 15	21 13	16 16	11 20	1 23
T 13	21 22	25 42	2 41	20 54	2 20	18 13	1 28	20 44	0 36	14 34	1 11	21 37	1 12	22 51	0 18	2 39	0 59	16 53	0 29	21 15	21 14	16 18	11 20	1 23
W14	21 13	24 44	1 37	21 4	2 9	17 53	1 29	20 52	0 35	14 34	1 11	21 37	1 12	22 51	0 18	2 39	0 59	16 53	0 29	21 15	21 14	16 20	11 20	1 23
T 15	21 3	22 25	0 27	21 13	1 57	17 32	1 30	21 0	0 34	14 35	1 11	21 38	1 12	22 52	0 18	2 39	0 59	16 52	0 29	21 15	21 15	16 22	11 21	1 23
F 16	20 53	18 52	0s46	21 21	1 46	17 12	1 31	21 7	0 34	14 35	1 11	21 38	1 12	22 52	0 18	2 39	0 59	16 52	0 29	21 15	21 15	16 25	11 21	1 23
S 17	20 42	14 17	1 58	21 29	1 34	16 50	1 32	21 14	0 33	14 36	1 10	21 39	1 12	22 52	0 18	2 39	0 59	16 52	0 29	21 15	21 16	16 27	11 21	1 23
S 18	20 31	8 54	3 5	21 35	1 22	16 29	1 33	21 21	0 32	14 37	1 10	21 39	1 12	22 52	0 18	2 39	0 59	16 51	0 29	21 15	21 16	16 29	11 21	1 23
M19	20 20	3 1	4 1	21 39	1 10	16 7	1 33	21 28	0 32	14 37	1 10	21 40	1 12	22 53	0 18	2 39	0 59	16 51	0 29	21 15	21 17	16 31	11 21	1 23
T 20	20 8	3s 4	4 44	21 43	0 58	15 44	1 34	21 34	0 31	14 38	1 10	21 40	1 11	22 53	0 18	2 39	0 59	16 51	0 29	21 15	21 17	16 34	11 22	1 23
W21	19 57	9 2	5 9	21 44	0 46	15 21	1 35	21 40	0 30	14 39	1 9	21 40	1 11	22 53	0 18	2 38	0 59	16 50	0 29	21 15	21 18	16 36	11 22	1 23
T 22	19 44	14 34	5 16	21 44	0 34	14 58	1 35	21 46	0 29	14 40	1 9	21 41	1 11	22 53	0 18	2 38	0 59	16 50	0 29	21 16	21 19	16 38	11 22	1 23
F 23	19 32	19 18	5 4	21 42	0 22	14 34	1 36	21 52	0 29	14 41	1 9	21 41	1 11	22 54	0 18	2 38	0 59	16 50	0 29	21 16	21 19	16 40	11 22	1 23
S 24	19 19	22 55	4 33	21 37	0 10	14 10	1 36	21 58	0 28	14 42	1 9	21 42	1 11	22 54	0 18	2 38	0 59	16 49	0 29	21 15	21 20	16 42	11 22	1 23
S 25	19 6	25 7	3 46	21 31	0n 1	13 45	1 37	22 3	0 27	14 43	1 8	21 42	1 11	22 54	0 18	2 38	0 59	16 49	0 28	21 15	21 20	16 45	11 22	1 23
M26	18 52	25 43	2 45	21 22	0 12	13 20	1 37	22 8	0 26	14 44	1 8	21 42	1 11	22 54	0 18	2 37	0 59	16 49	0 28	21 15	21 21	16 47	11 22	1 23
T 27	18 38	24 42	1 36	21 11	0 23	12 55	1 37	22 13	0 25	14 45	1 8	21 43	1 11	22 54	0 18	2 37	0 59	16 48	0 28	21 15	21 21	16 49	11 22	1 23
W28	18 24	22 12	0 21	20 57	0 33	12 30	1 37	22 18	0 25	14 46	1 8	21 43	1 10	22 55	0 18	2 37	0 59	16 48	0 28	21 15	21 22	16 51	11 22	1 23
T 29	18 10	18 30	0n53	20 41	0 43	12 4	1 37	22 22	0 24	14 47	1 7	21 44	1 10	22 55	0 18	2 37	0 59	16 47	0 28	21 15	21 22	16 54	11 22	1 23
F 30	17 55	13 56	2 3	20 22	0 52	11 38	1 37	22 27	0 23	14 48	1 7	21 44	1 10	22 55	0 18	2 36	0 59	16 47	0 28	21 15	21 23	16 56	11 22	1 23
S 31	17n40	8s50	3n 5	20n 1	1n 1	11n11	1n37	22n31	0s22	14s50	1n 7	21s44	1n10	22s55	0s18	2n36	0s59	16n47	0s28	21s15	21s23	16n58	11n22	1n23

Julian Day Number = 3060220.5, Delta T = 02h31m08s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'13, Lahiri = 47°13'13

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

AUGUST 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 42 25	10♌38'01	11♓39	6♌23	5♍58	21♊ 6	14♏ 3	9°R14	12°R41	8°R56	11♌20	23°R 8	22♑20	2♉32	26°R20	S 1
M 2	20 46 22	11°35'17	24° 4	8°34	7°11	21°49	14° 7	9♑10	12♑39	8♈55	11°22	23♑ 5	22°16	2°39	26♈19	M 2
T 3	20 50 18	12°32'33	6♈17	10°44	8°23	22°32	14°11	9° 7	12°37	8°55	11°23	23° 3	22°13	2°46	26°19	T 3
W 4	20 54 15	13°29'50	18°19	12°54	9°36	23°15	14°15	9° 4	12°35	8°54	11°25	23° 0	22°10	2°52	26°19	W 4
T 5	20 58 11	14°27'06	0♉15	15° 4	10°49	23°58	14°20	9° 0	12°33	8°53	11°27	22°59	22° 7	2°59	26°18	T 5
F 6	21 2 8	15°24'24	12° 8	17°13	12° 1	24°40	14°25	8°57	12°31	8°52	11°28	22°D58	22° 4	3° 6	26°18	F 6
S 7	21 6 4	16°21'41	24° 3	19°21	13°14	25°23	14°29	8°54	12°29	8°51	11°30	22°58	22° 1	3°13	26°17	S 7
S 8	21 10 1	17°18'59	6♊ 5	21°28	14°26	26° 6	14°34	8°51	12°27	8°51	11°31	22°59	21°57	3°19	26°17	S 8
M 9	21 13 57	18°16'18	18°18	23°34	15°39	26°48	14°39	8°48	12°25	8°50	11°33	23° 0	21°54	3°26	26°16	M 9
T 10	21 17 54	19°13'37	0♋47	25°39	16°51	27°31	14°45	8°45	12°23	8°49	11°34	23° 2	21°51	3°33	26°16	T 10
W11	21 21 51	20°10'56	13°35	27°42	18° 4	28°13	14°50	8°43	12°21	8°48	11°36	23° 3	21°48	3°39	26°15	W11
T 12	21 25 47	21° 8'16	26°43	29°43	19°16	28°56	14°55	8°40	12°20	8°47	11°37	23°R 3	21°45	3°46	26°14	T 12
F 13	21 29 44	22° 5'36	10♌14	1♍43	20°29	29°38	15° 1	8°37	12°18	8°46	11°39	23° 2	21°42	3°53	26°14	F 13
S 14	21 33 40	23° 2'57	24° 6	3°41	21°41	0♋20	15° 7	8°35	12°16	8°45	11°41	23° 0	21°38	4° 0	26°13	S 14
S 15	21 37 37	24° 0'17	8♍16	5°38	22°53	1° 2	15°13	8°32	12°15	8°44	11°42	22°56	21°35	4° 6	26°12	S 15
M16	21 41 33	24°57'39	22°39	7°33	24° 6	1°44	15°19	8°30	12°13	8°43	11°44	22°52	21°32	4°13	26°11	M16
T 17	21 45 30	25°55'00	7♎ 9	9°26	25°18	2°26	15°25	8°28	12°11	8°42	11°45	22°47	21°29	4°20	26°10	T 17
W18	21 49 26	26°52'22	21°40	11°17	26°30	3° 8	15°32	8°25	12°10	8°41	11°47	22°43	21°26	4°26	26° 9	W18
T 19	21 53 23	27°49'44	6♏ 7	13° 7	27°43	3°50	15°38	8°23	12° 8	8°39	11°48	22°40	21°22	4°33	26° 8	T 19
F 20	21 57 20	28°47'06	20°26	14°54	28°55	4°32	15°45	8°21	12° 7	8°38	11°50	22°38	21°19	4°40	26° 7	F 20
S 21	22 1 16	29°44'29	4♐34	16°40	0♎ 7	5°13	15°52	8°19	12° 6	8°37	11°51	22°D38	21°16	4°47	26° 5	S 21
S 22	22 5 13	0♍41'51	18°29	18°25	1°19	5°55	15°58	8°17	12° 4	8°36	11°53	22°39	21°13	4°53	26° 4	S 22
M23	22 9 9	1°39'15	2♑10	20° 7	2°31	6°36	16° 5	8°16	12° 3	8°35	11°54	22°40	21°10	5° 0	26° 3	M23
T 24	22 13 6	2°36'38	15°39	21°48	3°43	7°18	16°13	8°14	12° 2	8°34	11°56	22°41	21° 7	5° 7	26° 2	T 24
W25	22 17 2	3°34'02	28°56	23°27	4°55	7°59	16°20	8°12	12° 0	8°32	11°57	22°R41	21° 3	5°14	26° 0	W25
T 26	22 20 59	4°31'27	12♒ 0	25° 4	6° 7	8°40	16°27	8°11	11°59	8°31	11°59	22°40	21° 0	5°20	25°59	T 26
F 27	22 24 55	5°28'52	24°52	26°40	7°19	9°21	16°35	8° 9	11°58	8°30	12° 0	22°36	20°57	5°27	25°57	F 27
S 28	22 28 52	6°26'17	7♓33	28°14	8°31	10° 2	16°43	8° 8	11°57	8°28	12° 1	22°31	20°54	5°34	25°56	S 28
S 29	22 32 49	7°23'44	20° 1	29°46	9°42	10°43	16°50	8° 7	11°56	8°27	12° 3	22°23	20°51	5°40	25°54	S 29
M30	22 36 45	8°21'11	2♈19	1♎16	10°54	11°24	16°58	8° 6	11°55	8°26	12° 4	22°15	20°47	5°47	25°53	M30
T 31	22 40 42	9♍18'39	14♈27	2♎45	12♎ 6	12♋ 5	17♏ 6	8♑ 5	11♑54	8♈24	12♌ 6	22♑ 7	20♑44	5♉54	25♈51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n25	3s29	3n56	19n37	1n 9	10n45	1n37	22n34	0s21	14s51	1n 7	21s45	1n10	22s55	0s18	2n36	0s59	16n46	0s28	21s16	21s24	17n 0	11n22	1n23
M 2	17 9	1n53	4 35	19 11	1 16	10 18	1 37	22 38	0 21	14 53	1 6	21 45	1 10	22 56	0 18	2 36	0 59	16 46	0 28	21 16	21 24	17 2	11 22	1 23
T 3	16 53	7 5	5 1	18 43	1 23	9 50	1 36	22 41	0 20	14 54	1 6	21 46	1 10	22 56	0 18	2 35	1 0	16 46	0 28	21 17	21 25	17 4	11 22	1 23
W 4	16 37	11 57	5 13	18 12	1 29	9 23	1 36	22 44	0 19	14 55	1 6	21 46	1 9	22 56	0 18	2 35	1 0	16 45	0 28	21 17	21 25	17 7	11 22	1 23
T 5	16 21	16 20	5 12	17 40	1 33	8 55	1 35	22 47	0 18	14 57	1 6	21 46	1 9	22 56	0 18	2 35	1 0	16 45	0 28	21 17	21 26	17 9	11 22	1 23
F 6	16 4	20 3	4 57	17 5	1 38	8 27	1 35	22 50	0 17	14 59	1 6	21 47	1 9	22 56	0 18	2 34	1 0	16 45	0 28	21 17	21 26	17 11	11 21	1 23
S 7	15 48	22 58	4 30	16 29	1 41	7 59	1 34	22 52	0 16	15 0	1 5	21 47	1 9	22 57	0 18	2 34	1 0	16 44	0 28	21 17	21 27	17 13	11 21	1 23
S 8	15 30	24 54	3 50	15 51	1 44	7 31	1 33	22 55	0 16	15 2	1 5	21 47	1 9	22 57	0 18	2 34	1 0	16 44	0 28	21 17	21 27	17 15	11 21	1 23
M 9	15 13	25 42	2 59	15 12	1 45	7 2	1 33	22 57	0 15	15 3	1 5	21 48	1 9	22 57	0 18	2 33	1 0	16 43	0 28	21 17	21 28	17 17	11 21	1 23
T 10	14 55	25 13	1 59	14 32	1 46	6 33	1 32	22 58	0 14	15 5	1 5	21 48	1 8	22 57	0 18	2 33	1 0	16 43	0 27	21 17	21 28	17 20	11 21	1 23
W11	14 38	23 24	0 52	13 50	1 47	6 4	1 31	23 0	0 13	15 7	1 4	21 48	1 8	22 57	0 18	2 32	1 0	16 43	0 27	21 17	21 29	17 22	11 20	1 23
T 12	14 20	20 18	0s20	13 8	1 46	5 35	1 30	23 1	0 12	15 9	1 4	21 49	1 8	22 57	0 18	2 32	1 0	16 42	0 27	21 17	21 29	17 24	11 20	1 23
F 13	14 1	16 2	1 33	12 25	1 45	5 6	1 29	23 2	0 11	15 11	1 4	21 49	1 8	22 58	0 18	2 32	1 0	16 42	0 27	21 17	21 30	17 26	11 20	1 23
S 14	13 43	10 49	2 42	11 41	1 44	4 37	1 28	23 3	0 10	15 13	1 4	21 49	1 8	22 58	0 18	2 31	1 0	16 42	0 27	21 17	21 30	17 28	11 20	1 23
S 15	13 24	4 58	3 42	10 56	1 41	4 7	1 26	23 4	0 9	15 14	1 3	21 50	1 8	22 58	0 18	2 31	1 0	16 41	0 27	21 18	21 31	17 30	11 19	1 23
M16	13 5	1s14	4 29	10 11	1 38	3 38	1 25	23 4	0 9	15 16	1 3	21 50	1 8	22 58	0 18	2 30	1 0	16 41	0 27	21 18	21 31	17 32	11 19	1 23
T 17	12 46	7 24	5 0	9 26	1 35	3 8	1 24	23 5	0 8	15 18	1 3	21 50	1 7	22 58	0 18	2 30	1 0	16 41	0 27	21 19	21 32	17 34	11 18	1 23
W18	12 27	13 11	5 11	8 40	1 31	2 38	1 22	23 5	0 7	15 20	1 3	21 51	1 7	22 58	0 18	2 29	1 0	16 40	0 27	21 20	21 32	17 36	11 18	1 23
T 19	12 7	18 12	5 3	7 54	1 26	2 8	1 21	23 4	0 6	15 23	1 3	21 51	1 7	22 58	0 18	2 29	1 0	16 40	0 27	21 20	21 33	17 39	11 18	1 23
F 20	11 48	22 7	4 36	7 9	1 21	1 38	1 19	23 4	0 5	15 25	1 2	21 51	1 7	22 59	0 18	2 28	1 0	16 39	0 27	21 21	21 33	17 41	11 17	1 23
S 21	11 28	24 40	3 52	6 23	1 16	1 8	1 17	23 3	0 4	15 27	1 2	21 51	1 7	22 59	0 18	2 28	1 0	16 39	0 27	21 21	21 34	17 43	11 17	1 23
S 22	11 8	25 38	2 55	5 37	1 10	0 38	1 16	23 3	0 3	15 29	1 2	21 52	1 7	22 59	0 18	2 27	1 0	16 39	0 27	21 21	21 34	17 45	11 16	1 23
M23	10 47	25 2	1 49	4 51	1 3	0 8	1 14	23 2	0 2	15 31	1 2	21 52	1 6	22 59	0 18	2 27	1 0	16 38	0 27	21 20	21 35	17 47	11 16	1 23
T 24	10 27	22 57	0 38	4 6	0 57	0s22	1 12	23 0	0 1	15 33	1 2	21 52	1 6	22 59	0 18	2 26	1 0	16 38	0 27	21 20	21 35	17 49	11 15	1 23
W25	10 7	19 38	0n34	3 20	0 50	0 52	1 10	22 59	0 0	15 36	1 1	21 53	1 6	22 59	0 18	2 26	1 0	16 38	0 27	21 20	21 36	17 51	11 15	1 23
T 26	9 46	15 24	1 43	2 35	0 42	1 22	1 8	22 57	0n 1	15 38	1 1	21 53	1 6	22 59	0 18	2 25	1 0	16 37	0 27	21 20	21 36	17 53	11 14	1 23
F 27	9 25	10 31	2 45	1 51	0 35	1 52	1 6	22 56	0 2	15 40	1 1	21 53	1 6	22 59	0 18	2 25	1 0	16 37	0 27	21 21	21 37	17 55	11 14	1 23
S 28	9 4	5 17	3 38	1 6	0 27	2 22	1 3	22 54	0 2	15 43	1 1	21 53	1 6	22 59	0 18	2 24	1 0	16 37	0 26	21 22	21 37	17 57	11 13	1 23
S 29	8 43	0n 4	4 20	0 23	0 18	2 52	1 1	22 51	0 3	15 45	1 1	21 54	1 5	22 59	0 18	2 24	1 0	16 36	0 26	21 23	21 38	17 59	11 13	1 23
M30	8 22	5 20	4 49	0s21	0 10	3 22	0 59	22 49	0 4	15 47	1 0	21 54	1 5	23 0	0 18	2 23	1 0	16 36	0 26	21 24	21 38	18 1	11 12	1 23
T 31	8n 1	10n19	5n 4	1s 4	0n 1	3s52	0n56	22n46	0n 5	15s50	1n 0	21s54	1n 5	23s 0	0s18	2n23	1s 0	16n36	0s26	21s26	21s39	18n 3	11n12	1n23

Julian Day Number = 3060251.5, Delta T = 02h31m09s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'17, Lahiri = 47°13'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3666
geocentric

SEPTEMBER 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 44 38	10♍16'09	26♈26	4♎12	13♎17	12♋45	17♏15	8°R 4	11°R53	8°R23	12♌ 7	21°R59	20♑41	6♉ 1	25°R49	W 1
T 2	22 48 35	11°13'39	8♉20	5°37	14°29	13°26	17°23	8♑ 3	11♑52	8♈21	12° 9	21♑52	20°38	6° 7	25♈48	T 2
F 3	22 52 31	12°11'11	20°11	7° 0	15°41	14° 6	17°31	8° 2	11°51	8°20	12°10	21°48	20°35	6°14	25°46	F 3
S 4	22 56 28	13° 8'44	2♊ 5	8°22	16°52	14°47	17°40	8° 1	11°50	8°19	12°11	21°45	20°32	6°21	25°44	S 4
S 5	23 0 24	14° 6'18	14° 5	9°41	18° 4	15°27	17°48	8° 1	11°50	8°17	12°13	21°D44	20°28	6°27	25°42	S 5
M 6	23 4 21	15° 3'53	26°16	10°59	19°15	16° 7	17°57	8° 0	11°49	8°16	12°14	21°45	20°25	6°34	25°40	M 6
T 7	23 8 18	16° 1'30	8♋43	12°15	20°27	16°47	18° 6	8° 0	11°48	8°14	12°15	21°46	20°22	6°41	25°39	T 7
W 8	23 12 14	16°59'08	21°32	13°29	21°38	17°27	18°15	8° 0	11°48	8°13	12°17	21°R47	20°19	6°48	25°37	W 8
T 9	23 16 11	17°56'47	4♌45	14°41	22°49	18° 7	18°24	8° 0	11°47	8°11	12°18	21°46	20°16	6°54	25°35	T 9
F 10	23 20 7	18°54'28	18°26	15°50	24° 1	18°47	18°33	7°D59	11°47	8°10	12°19	21°43	20°13	7° 1	25°33	F 10
S 11	23 24 4	19°52'10	2♍32	16°57	25°12	19°27	18°42	7°59	11°46	8° 8	12°21	21°38	20° 9	7° 8	25°31	S 11
S 12	23 28 0	20°49'53	17° 2	18° 2	26°23	20° 6	18°52	8° 0	11°46	8° 7	12°22	21°31	20° 6	7°14	25°28	S 12
M13	23 31 57	21°47'37	1♎49	19° 5	27°34	20°46	19° 1	8° 0	11°46	8° 5	12°23	21°22	20° 3	7°21	25°26	M13
T 14	23 35 53	22°45'23	16°45	20° 5	28°45	21°25	19°11	8° 0	11°45	8° 3	12°24	21°13	20° 0	7°28	25°24	T 14
W15	23 39 50	23°43'09	1♏41	21° 2	29°56	22° 4	19°20	8° 1	11°45	8° 2	12°26	21° 4	19°57	7°35	25°22	W15
T 16	23 43 46	24°40'57	16°28	21°57	1♏ 7	22°44	19°30	8° 1	11°45	8° 0	12°27	20°57	19°53	7°41	25°20	T 16
F 17	23 47 43	25°38'46	1♐ 0	22°48	2°18	23°23	19°40	8° 2	11°45	7°59	12°28	20°53	19°50	7°48	25°17	F 17
S 18	23 51 40	26°36'36	15°13	23°37	3°29	24° 2	19°50	8° 2	11°45	7°57	12°29	20°50	19°47	7°55	25°15	S 18
S 19	23 55 36	27°34'27	29° 5	24°22	4°40	24°40	20° 0	8° 3	11°D45	7°55	12°30	20°D50	19°44	8° 1	25°13	S 19
M20	23 59 33	28°32'18	12♑38	25° 3	5°51	25°19	20°10	8° 4	11°45	7°54	12°32	20°50	19°41	8° 8	25°11	M20
T 21	0 3 29	29°30'12	25°52	25°41	7° 1	25°58	20°20	8° 5	11°45	7°52	12°33	20°R50	19°38	8°15	25° 8	T 21
W22	0 7 26	0♎28'06	8♒51	26°15	8°12	26°36	20°31	8° 6	11°45	7°51	12°34	20°49	19°34	8°22	25° 6	W22
T 23	0 11 22	1°26'01	21°36	26°44	9°22	27°15	20°41	8° 7	11°45	7°49	12°35	20°45	19°31	8°28	25° 3	T 23
F 24	0 15 19	2°23'57	4♓10	27° 9	10°33	27°53	20°51	8° 9	11°45	7°47	12°36	20°39	19°28	8°35	25° 1	F 24
S 25	0 19 15	3°21'55	16°35	27°30	11°43	28°31	21° 2	8°10	11°46	7°46	12°37	20°30	19°25	8°42	24°58	S 25
S 26	0 23 12	4°19'54	28°50	27°45	12°54	29° 9	21°13	8°11	11°46	7°44	12°38	20°18	19°22	8°48	24°56	S 26
M27	0 27 9	5°17'55	10♈58	27°55	14° 4	29°47	21°23	8°13	11°46	7°42	12°39	20° 5	19°19	8°55	24°53	M27
T 28	0 31 5	6°15'57	22°59	27°R59	15°14	0♌25	21°34	8°15	11°47	7°41	12°40	19°52	19°15	9° 2	24°51	T 28
W29	0 35 2	7°14'01	4♉54	27°57	16°25	1° 2	21°45	8°16	11°47	7°39	12°41	19°39	19°12	9° 9	24°48	W29
T 30	0 38 58	8♎12'07	16♉46	27♎49	17♏35	1♌40	21♏56	8♑18	11♑48	7♈37	12♌42	19♑29	19♑ 9	9♉15	24♈46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n39	14n52	5n 6	1s46	0s 8	4s22	0n54	22n44	0n 6	15s52	1n 0	21s54	1n 5	23s 0	0s18	2n22	1s 0	16n35	0s26	21s27	21s39	18n 5	11n11	1n23
T 2	7 17	18 48	4 55	2 28	0 17	4 52	0 51	22 41	0 7	15 55	1 0	21 55	1 5	23 0	0 18	2 22	1 0	16 35	0 26	21 28	21 39	18 7	11 10	1 23
F 3	6 56	21 59	4 30	3 9	0 26	5 22	0 49	22 37	0 8	15 57	1 0	21 55	1 4	23 0	0 18	2 21	1 0	16 35	0 26	21 29	21 40	18 9	11 10	1 23
S 4	6 34	24 13	3 55	3 50	0 36	5 52	0 46	22 34	0 9	16 0	0 59	21 55	1 4	23 0	0 18	2 20	1 0	16 34	0 26	21 29	21 40	18 11	11 9	1 23
S 5	6 12	25 24	3 8	4 30	0 45	6 21	0 44	22 31	0 10	16 2	0 59	21 55	1 4	23 0	0 18	2 20	1 1	16 34	0 26	21 29	21 41	18 13	11 8	1 23
M 6	5 50	25 23	2 13	5 9	0 55	6 51	0 41	22 27	0 11	16 5	0 59	21 55	1 4	23 0	0 18	2 19	1 1	16 34	0 26	21 29	21 41	18 15	11 8	1 23
T 7	5 28	24 6	1 9	5 48	1 5	7 20	0 38	22 23	0 12	16 8	0 59	21 56	1 4	23 0	0 18	2 19	1 1	16 33	0 26	21 29	21 42	18 17	11 7	1 23
W 8	5 6	21 32	0 1	6 25	1 15	7 49	0 35	22 19	0 13	16 10	0 59	21 56	1 4	23 0	0 18	2 18	1 1	16 33	0 26	21 29	21 42	18 19	11 6	1 23
T 9	4 43	17 47	1s 9	7 2	1 25	8 18	0 32	22 15	0 14	16 13	0 58	21 56	1 3	23 0	0 18	2 17	1 1	16 33	0 26	21 29	21 43	18 21	11 5	1 23
F 10	4 21	12 59	2 18	7 38	1 35	8 47	0 29	22 11	0 15	16 16	0 58	21 56	1 3	23 0	0 18	2 17	1 1	16 32	0 26	21 30	21 43	18 23	11 5	1 23
S 11	3 59	7 22	3 20	8 13	1 45	9 16	0 26	22 6	0 16	16 18	0 58	21 56	1 3	23 0	0 18	2 16	1 1	16 32	0 26	21 30	21 44	18 25	11 4	1 23
S 12	3 36	1 13	4 11	8 47	1 55	9 44	0 23	22 1	0 17	16 21	0 58	21 56	1 3	23 0	0 18	2 16	1 1	16 32	0 26	21 31	21 44	18 27	11 3	1 23
M13	3 14	5s 6	4 46	9 20	2 5	10 13	0 20	21 56	0 18	16 24	0 58	21 57	1 3	23 0	0 18	2 15	1 1	16 31	0 26	21 33	21 45	18 29	11 2	1 23
T 14	2 51	11 11	5 3	9 52	2 15	10 41	0 17	21 51	0 19	16 26	0 58	21 57	1 3	23 0	0 18	2 14	1 1	16 31	0 26	21 34	21 45	18 31	11 1	1 23
W15	2 28	16 37	4 58	10 22	2 25	11 9	0 13	21 46	0 20	16 29	0 57	21 57	1 2	23 0	0 18	2 14	1 1	16 31	0 26	21 36	21 46	18 33	11 1	1 23
T 16	2 6	21 0	4 34	10 52	2 34	11 36	0 10	21 41	0 21	16 32	0 57	21 57	1 2	23 0	0 18	2 13	1 1	16 31	0 25	21 37	21 46	18 35	11 0	1 23
F 17	1 43	23 58	3 53	11 20	2 44	12 4	0 7	21 36	0 23	16 35	0 57	21 57	1 2	23 0	0 18	2 12	1 1	16 30	0 25	21 37	21 46	18 37	10 59	1 23
S 18	1 20	25 21	2 58	11 47	2 54	12 31	0 3	21 30	0 24	16 37	0 57	21 57	1 2	23 0	0 18	2 12	1 1	16 30	0 25	21 38	21 47	18 39	10 58	1 22
S 19	0 57	25 6	1 53	12 12	3 3	12 58	0s 0	21 24	0 25	16 40	0 57	21 57	1 2	23 0	0 18	2 11	1 1	16 30	0 25	21 38	21 47	18 41	10 57	1 22
M20	0 35	23 21	0 44	12 36	3 12	13 24	0 4	21 18	0 26	16 43	0 57	21 58	1 1	23 0	0 18	2 10	1 1	16 29	0 25	21 38	21 48	18 43	10 56	1 22
T 21	0 12	20 21	0n27	12 58	3 21	13 51	0 7	21 12	0 27	16 46	0 56	21 58	1 1	23 0	0 18	2 10	1 1	16 29	0 25	21 38	21 48	18 45	10 55	1 22
W22	0s11	16 22	1 34	13 18	3 29	14 17	0 11	21 6	0 28	16 49	0 56	21 58	1 1	23 0	0 18	2 9	1 1	16 29	0 25	21 38	21 49	18 47	10 54	1 22
T 23	0 34	11 43	2 35	13 36	3 37	14 43	0 14	21 0	0 29	16 52	0 56	21 58	1 1	23 0	0 18	2 8	1 1	16 29	0 25	21 38	21 49	18 49	10 53	1 22
F 24	0 57	6 39	3 28	13 52	3 45	15 8	0 18	20 53	0 30	16 55	0 56	21 58	1 1	23 0	0 18	2 8	1 1	16 28	0 25	21 39	21 50	18 51	10 53	1 22
S 25	1 20	1 24	4 10	14 6	3 52	15 33	0 21	20 47	0 31	16 57	0 56	21 58	1 1	23 0	0 18	2 7	1 1	16 28	0 25	21 41	21 50	18 52	10 52	1 22
S 26	1 42	3n50	4 40	14 17	3 58	15 58	0 25	20 40	0 32	17 0	0 56	21 58	1 0	23 0	0 18	2 7	1 1	16 28	0 25	21 42	21 51	18 54	10 51	1 22
M27	2 5	8 51	4 57	14 26	4 4	16 23	0 29	20 34	0 33	17 3	0 55	21 58	1 0	23 0	0 18	2 6	1 1	16 28	0 25	21 44	21 51	18 56	10 50	1 22
T 28	2 28	13 30	5 0	14 32	4 9	16 47	0 32	20 27	0 34	17 6	0 55	21 58	1 0	23 0	0 18	2 5	1 1	16 27	0 25	21 46	21 51	18 58	10 49	1 22
W29	2 51	17 36	4 50	14 35	4 13	17 10	0 36	20 20	0 36	17 9	0 55	21 58	1 0	23 0	0 18	2 5	1 1	16 27	0 25	21 48	21 52	19 0	10 48	1 22
T 30	3s14	20n58	4n28	14s35	4s16	17s34	0s40	20n12	0n37	17s12	0n55	21s58	1n 0	23s 0	0s18	2n 4	1s 1	16n27	0s25	21s50	21s52	19n 2	10n47	1n22

Julian Day Number = 3060282.5, Delta T = 02h31m09s
Ecliptic obliquity = 23°13'34, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'21, Lahiri = 47°13'22

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

OCTOBER 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 42 55	9♎10'14	28♉36	27°R35	18♏45	2♌18	22♏ 7	8♑20	11♑48	7°R36	12♌43	19°R20	19♑ 6	9♉22	24°R43	F 1
S 2	0 46 51	10° 8'24	10♊28	27♎15	19°55	2°55	22°18	8°22	11°49	7♈34	12°44	19♑14	19° 3	9°29	24♈41	S 2
S 3	0 50 48	11° 6'35	22°26	26°48	21° 5	3°32	22°29	8°24	11°50	7°32	12°45	19°11	18°59	9°35	24°38	S 3
M 4	0 54 44	12° 4'48	4♋35	26°15	22°14	4° 9	22°40	8°27	11°50	7°31	12°46	19°10	18°56	9°42	24°35	M 4
T 5	0 58 41	13° 3'03	16°59	25°36	23°24	4°46	22°52	8°29	11°51	7°29	12°47	19°10	18°53	9°49	24°33	T 5
W 6	1 2 38	14° 1'20	29°44	24°51	24°34	5°23	23° 3	8°31	11°52	7°28	12°48	19°10	18°50	9°56	24°30	W 6
T 7	1 6 34	14°59'38	12♌54	24° 0	25°43	6° 0	23°14	8°34	11°53	7°26	12°49	19° 8	18°47	10° 2	24°27	T 7
F 8	1 10 31	15°57'59	26°33	23° 5	26°53	6°36	23°26	8°37	11°54	7°24	12°49	19° 5	18°44	10° 9	24°25	F 8
S 9	1 14 27	16°56'22	10♍42	22° 7	28° 2	7°13	23°37	8°39	11°55	7°23	12°50	18°58	18°40	10°16	24°22	S 9
S 10	1 18 24	17°54'46	25°18	21° 6	29°12	7°49	23°49	8°42	11°56	7°21	12°51	18°50	18°37	10°22	24°19	S 10
M11	1 22 20	18°53'13	10♎17	20° 3	0♐21	8°25	24° 1	8°45	11°57	7°19	12°52	18°39	18°34	10°29	24°17	M11
T 12	1 26 17	19°51'41	25°29	19° 1	1°30	9° 1	24°12	8°48	11°58	7°18	12°53	18°28	18°31	10°36	24°14	T 12
W13	1 30 13	20°50'11	10♏44	18° 1	2°39	9°37	24°24	8°51	11°59	7°16	12°53	18°17	18°28	10°43	24°11	W13
T 14	1 34 10	21°48'43	25°51	17° 4	3°49	10°12	24°36	8°54	12° 1	7°15	12°54	18° 8	18°24	10°49	24° 8	T 14
F 15	1 38 6	22°47'17	10♐40	16°11	4°57	10°48	24°48	8°57	12° 2	7°13	12°55	18° 2	18°21	10°56	24° 6	F 15
S 16	1 42 3	23°45'52	25° 5	15°24	6° 6	11°23	25° 0	9° 1	12° 3	7°12	12°55	17°59	18°18	11° 3	24° 3	S 16
S 17	1 46 0	24°44'29	9♑ 5	14°45	7°15	11°59	25°12	9° 4	12° 5	7°10	12°56	17°57	18°15	11° 9	24° 0	S 17
M18	1 49 56	25°43'07	22°39	14°14	8°24	12°34	25°24	9° 7	12° 6	7° 8	12°57	17°57	18°12	11°16	23°57	M18
T 19	1 53 53	26°41'47	5♒50	13°51	9°32	13° 9	25°36	9°11	12° 8	7° 7	12°57	17°57	18° 9	11°23	23°55	T 19
W20	1 57 49	27°40'28	18°41	13°39	10°41	13°43	25°48	9°15	12° 9	7° 5	12°58	17°56	18° 5	11°30	23°52	W20
T 21	2 1 46	28°39'11	1♓16	13°D36	11°49	14°18	26° 0	9°18	12°11	7° 4	12°58	17°52	18° 2	11°36	23°49	T 21
F 22	2 5 42	29°37'55	13°37	13°43	12°57	14°52	26°13	9°22	12°12	7° 2	12°59	17°45	17°59	11°43	23°47	F 22
S 23	2 9 39	0♏36'41	25°50	14° 1	14° 6	15°27	26°25	9°26	12°14	7° 1	12°59	17°36	17°56	11°50	23°44	S 23
S 24	2 13 35	1°35'29	7♈54	14°28	15°14	16° 1	26°37	9°30	12°16	6°59	13° 0	17°25	17°53	11°56	23°41	S 24
M25	2 17 32	2°34'19	19°54	15° 4	16°21	16°35	26°50	9°34	12°18	6°58	13° 0	17°11	17°50	12° 3	23°39	M25
T 26	2 21 29	3°33'10	1♉49	15°49	17°29	17° 8	27° 2	9°38	12°19	6°56	13° 1	16°58	17°46	12°10	23°36	T 26
W27	2 25 25	4°32'04	13°41	16°43	18°37	17°42	27°15	9°42	12°21	6°55	13° 1	16°45	17°43	12°16	23°33	W27
T 28	2 29 22	5°30'59	25°32	17°44	19°44	18°15	27°27	9°47	12°23	6°54	13° 1	16°34	17°40	12°23	23°31	T 28
F 29	2 33 18	6°29'57	7♊24	18°52	20°52	18°49	27°40	9°51	12°25	6°52	13° 2	16°25	17°37	12°30	23°28	F 29
S 30	2 37 15	7°28'57	19°18	20° 6	21°59	19°22	27°52	9°55	12°27	6°51	13° 2	16°19	17°34	12°37	23°25	S 30
S 31	2 41 11	8♏27'58	1♋18	21♎25	23♐ 6	19♌54	28♏ 5	10♑ 0	12♑29	6♈50	13♌ 2	16♑15	17♑30	12♉43	23♈23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s36	23n28	3n54	14 s32	4 s18	17 s57	0 s44	20n 5	0n38	17 s15	0n55	21 s59	1n 0	23 s 0	0 s18	2n 3	1 s 1	16n27	0 s25	21 s51	21 s53	19n 4	10n46	1n22
S 2	3 59	24 56	3 9	14 25	4 18	18 19	0 47	19 58	0 39	17 18	0 55	21 59	0 59	23 0	0 18	2 3	1 1	16 27	0 25	21 52	21 53	19 6	10 45	1 22
S 3	4 21	25 17	2 16	14 15	4 17	18 41	0 51	19 50	0 40	17 21	0 55	21 59	0 59	23 0	0 18	2 2	1 1	16 26	0 25	21 52	21 54	19 7	10 44	1 22
M 4	4 44	24 25	1 16	14 0	4 15	19 3	0 55	19 43	0 41	17 24	0 55	21 59	0 59	23 0	0 18	2 1	1 1	16 26	0 25	21 52	21 54	19 9	10 43	1 22
T 5	5 7	22 21	0 12	13 42	4 11	19 24	0 59	19 35	0 42	17 27	0 54	21 59	0 59	23 0	0 18	2 1	1 1	16 26	0 24	21 52	21 55	19 11	10 42	1 22
W 6	5 29	19 7	0 s56	13 20	4 5	19 45	1 3	19 28	0 44	17 30	0 54	21 59	0 59	23 0	0 18	2 0	1 1	16 26	0 24	21 52	21 55	19 13	10 41	1 22
T 7	5 51	14 50	2 2	12 55	3 57	20 6	1 6	19 20	0 45	17 33	0 54	21 59	0 59	23 0	0 18	1 59	1 1	16 26	0 24	21 52	21 55	19 15	10 40	1 21
F 8	6 14	9 40	3 4	12 25	3 48	20 26	1 10	19 12	0 46	17 36	0 54	21 59	0 58	22 59	0 18	1 59	1 1	16 25	0 24	21 53	21 56	19 17	10 39	1 21
S 9	6 36	3 50	3 56	11 53	3 36	20 45	1 14	19 4	0 47	17 39	0 54	21 59	0 58	22 59	0 18	1 58	1 1	16 25	0 24	21 54	21 56	19 19	10 38	1 21
S 10	6 58	2 s22	4 36	11 18	3 23	21 4	1 18	18 56	0 48	17 41	0 54	21 59	0 58	22 59	0 18	1 57	1 1	16 25	0 24	21 55	21 57	19 20	10 36	1 21
M11	7 20	8 36	4 57	10 41	3 8	21 23	1 22	18 48	0 49	17 44	0 54	21 59	0 58	22 59	0 18	1 57	1 1	16 25	0 24	21 56	21 57	19 22	10 35	1 21
T 12	7 42	14 24	4 58	10 2	2 52	21 40	1 26	18 39	0 51	17 47	0 53	21 59	0 58	22 59	0 18	1 56	1 1	16 25	0 24	21 58	21 58	19 24	10 34	1 21
W13	8 4	19 19	4 38	9 23	2 34	21 58	1 29	18 31	0 52	17 50	0 53	21 59	0 58	22 59	0 18	1 56	1 1	16 25	0 24	21 59	21 58	19 26	10 33	1 21
T 14	8 26	22 54	3 58	8 43	2 15	22 15	1 33	18 23	0 53	17 53	0 53	21 59	0 57	22 59	0 18	1 55	1 1	16 24	0 24	22 1	21 58	19 28	10 32	1 21
F 15	8 47	24 52	3 3	8 5	1 55	22 31	1 37	18 14	0 54	17 56	0 53	21 58	0 57	22 59	0 18	1 54	1 1	16 24	0 24	22 1	21 59	19 29	10 31	1 21
S 16	9 9	25 6	1 58	7 28	1 35	22 47	1 41	18 6	0 55	17 59	0 53	21 58	0 57	22 59	0 18	1 54	1 1	16 24	0 24	22 2	21 59	19 31	10 30	1 21
S 17	9 30	23 42	0 47	6 55	1 15	23 2	1 44	17 57	0 57	18 2	0 53	21 58	0 57	22 58	0 18	1 53	1 1	16 24	0 24	22 2	22 0	19 33	10 29	1 21
M18	9 51	20 56	0n25	6 24	0 54	23 17	1 48	17 49	0 58	18 5	0 53	21 58	0 57	22 58	0 18	1 53	1 1	16 24	0 24	22 2	22 0	19 35	10 28	1 21
T 19	10 12	17 8	1 33	5 57	0 35	23 31	1 52	17 40	0 59	18 8	0 53	21 58	0 57	22 58	0 18	1 52	1 1	16 24	0 24	22 2	22 1	19 36	10 27	1 21
W20	10 33	12 38	2 35	5 35	0 16	23 45	1 55	17 32	1 0	18 11	0 53	21 58	0 56	22 58	0 18	1 51	1 1	16 24	0 24	22 2	22 1	19 38	10 26	1 21
T 21	10 54	7 41	3 28	5 17	0n 2	23 58	1 59	17 23	1 2	18 14	0 52	21 58	0 56	22 58	0 17	1 51	1 1	16 24	0 24	22 3	22 1	19 40	10 25	1 20
F 22	11 15	2 32	4 10	5 4	0 19	24 10	2 2	17 14	1 3	18 17	0 52	21 58	0 56	22 58	0 17	1 50	1 1	16 23	0 24	22 4	22 2	19 42	10 24	1 20
S 23	11 35	2n38	4 39	4 56	0 35	24 22	2 6	17 5	1 4	18 20	0 52	21 58	0 56	22 58	0 17	1 50	1 1	16 23	0 24	22 5	22 2	19 44	10 23	1 20
S 24	11 55	7 39	4 56	4 54	0 49	24 34	2 9	16 56	1 6	18 23	0 52	21 58	0 56	22 57	0 17	1 49	1 1	16 23	0 23	22 6	22 3	19 45	10 22	1 20
M25	12 15	12 21	5 0	4 55	1 2	24 44	2 13	16 48	1 7	18 26	0 52	21 57	0 56	22 57	0 17	1 48	1 1	16 23	0 23	22 8	22 3	19 47	10 20	1 20
T 26	12 35	16 33	4 51	5 2	1 14	24 54	2 16	16 39	1 8	18 29	0 52	21 57	0 56	22 57	0 17	1 48	1 1	16 23	0 23	22 10	22 3	19 49	10 19	1 20
W27	12 55	20 5	4 29	5 13	1 24	25 4	2 20	16 30	1 9	18 32	0 52	21 57	0 55	22 57	0 17	1 47	1 1	16 23	0 23	22 11	22 4	19 50	10 18	1 20
T 28	13 15	22 46	3 55	5 28	1 33	25 13	2 23	16 21	1 11	18 34	0 52	21 57	0 55	22 57	0 17	1 47	1 1	16 23	0 23	22 13	22 4	19 52	10 17	1 20
F 29	13 34	24 29	3 11	5 47	1 40	25 21	2 26	16 12	1 12	18 37	0 52	21 57	0 55	22 56	0 17	1 46	1 1	16 23	0 23	22 14	22 5	19 54	10 16	1 20
S 30	13 53	25 6	2 18	6 9	1 46	25 28	2 29	16 3	1 13	18 40	0 52	21 57	0 55	22 56	0 17	1 46	1 1	16 23	0 23	22 14	22 5	19 56	10 15	1 20
S 31	14 s12	24n32	1n19	6 s34	1n51	25 s35	2 s33	15n54	1n15	18 s43	0n52	21 s56	0n55	22 s56	0 s17	1n45	1 s 1	16n23	0 s23	22 s15	22 s 5	19n57	10n14	1n19

Julian Day Number = 3060312.5, Delta T = 02h31m10s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'25, Lahiri = 47°13'26

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NOVEMBER 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 45 8	9♏27'02	13♋28	22♎49	24♐13	20♌27	28♏17	10♑ 5	12♑31	6°R48	13♌ 3	16°D14	17♑27	12♉50	23°R20	M 1
T 2	2 49 4	10°26'09	25°51	24°17	25°20	21° 0	28°30	10° 9	12°33	6♈47	13° 3	16♑15	17°24	12°57	23♈17	T 2
W 3	2 53 1	11°25'17	8♌33	25°48	26°27	21°32	28°43	10°14	12°36	6°46	13° 3	16°R15	17°21	13° 3	23°15	W 3
T 4	2 56 58	12°24'27	21°37	27°23	27°33	22° 4	28°56	10°19	12°38	6°44	13° 3	16°15	17°18	13°10	23°12	T 4
F 5	3 0 54	13°23'40	5♍ 9	28°59	28°40	22°36	29° 8	10°24	12°40	6°43	13° 4	16°13	17°15	13°17	23°10	F 5
S 6	3 4 51	14°22'55	19° 9	0♏38	29°46	23° 8	29°21	10°28	12°42	6°42	13° 4	16° 8	17°11	13°24	23° 7	S 6
S 7	3 8 47	15°22'12	3♎39	2°18	0♑52	23°39	29°34	10°33	12°45	6°41	13° 4	16° 2	17° 8	13°30	23° 5	S 7
M 8	3 12 44	16°21'31	18°33	3°59	1°58	24°10	29°47	10°39	12°47	6°39	13° 4	15°53	17° 5	13°37	23° 2	M 8
T 9	3 16 40	17°20'53	3♏44	5°41	3° 3	24°41	29°59	10°44	12°49	6°38	13° 4	15°44	17° 2	13°44	23° 0	T 9
W10	3 20 37	18°20'17	19° 3	7°24	4° 9	25°12	0♐13	10°49	12°52	6°37	13° 4	15°36	16°59	13°50	22°58	W10
T 11	3 24 33	19°19'42	4♐18	9° 7	5°14	25°43	0°26	10°54	12°54	6°36	13° 4	15°28	16°56	13°57	22°55	T 11
F 12	3 28 30	20°19'10	19°19	10°50	6°19	26°13	0°38	10°59	12°57	6°35	13°R 4	15°23	16°52	14° 4	22°53	F 12
S 13	3 32 27	21°18'39	3♑57	12°33	7°24	26°43	0°51	11° 5	13° 0	6°34	13° 4	15°21	16°49	14°11	22°51	S 13
S 14	3 36 23	22°18'10	18° 8	14°16	8°29	27°13	1° 4	11°10	13° 2	6°33	13° 4	15°D20	16°46	14°17	22°48	S 14
M15	3 40 20	23°17'43	1♒51	15°59	9°34	27°42	1°17	11°16	13° 5	6°32	13° 4	15°21	16°43	14°24	22°46	M15
T 16	3 44 16	24°17'17	15° 7	17°42	10°38	28°12	1°30	11°21	13° 8	6°31	13° 4	15°22	16°40	14°31	22°44	T 16
W17	3 48 13	25°16'53	28° 0	19°24	11°42	28°41	1°43	11°27	13°10	6°30	13° 4	15°R22	16°36	14°37	22°42	W17
T 18	3 52 9	26°16'30	10♓32	21° 6	12°46	29°10	1°56	11°33	13°13	6°29	13° 4	15°21	16°33	14°44	22°39	T 18
F 19	3 56 6	27°16'09	22°50	22°48	13°49	29°38	2°10	11°38	13°16	6°28	13° 4	15°18	16°30	14°51	22°37	F 19
S 20	4 0 2	28°15'50	4♈56	24°29	14°53	0♍ 7	2°23	11°44	13°19	6°27	13° 4	15°13	16°27	14°57	22°35	S 20
S 21	4 3 59	29°15'32	16°55	26° 9	15°56	0°35	2°36	11°50	13°21	6°26	13° 3	15° 6	16°24	15° 4	22°33	S 21
M22	4 7 56	0♐15'16	28°48	27°49	16°58	1° 2	2°49	11°56	13°24	6°26	13° 3	14°57	16°21	15°11	22°31	M22
T 23	4 11 52	1°15'02	10♉40	29°29	18° 1	1°30	3° 2	12° 2	13°27	6°25	13° 3	14°48	16°17	15°18	22°29	T 23
W24	4 15 49	2°14'50	22°32	1♐ 8	19° 3	1°57	3°15	12° 8	13°30	6°24	13° 3	14°40	16°14	15°24	22°27	W24
T 25	4 19 45	3°14'39	4♊26	2°47	20° 5	2°24	3°28	12°14	13°33	6°23	13° 2	14°33	16°11	15°31	22°25	T 25
F 26	4 23 42	4°14'31	16°22	4°25	21° 6	2°51	3°41	12°20	13°36	6°23	13° 2	14°28	16° 8	15°38	22°23	F 26
S 27	4 27 38	5°14'24	28°24	6° 2	22° 7	3°17	3°54	12°26	13°39	6°22	13° 2	14°24	16° 5	15°44	22°22	S 27
S 28	4 31 35	6°14'19	10♋33	7°39	23° 8	3°43	4° 7	12°32	13°42	6°21	13° 1	14°D23	16° 2	15°51	22°20	S 28
M29	4 35 31	7°14'16	22°51	9°16	24° 9	4° 9	4°20	12°38	13°45	6°21	13° 1	14°23	15°58	15°58	22°18	M29
T 30	4 39 28	8♐14'15	5♌21	10♐53	25♑ 9	4♍34	4♐33	12♑45	13♑49	6♈20	13♌ 0	14♑24	15♑55	16♉ 5	22♈16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s31	22n48	0n15	7s 1	1n54	25s42	2s36	15n45	1n16	18s46	0n51	21s56	0n55	22s56	0s17	1n45	1s 1	16n23	0s23	22s15	22s 6	19n59	10n13	1n19
T 2	14 49	19 57	0s51	7 31	1 57	25 47	2 39	15 36	1 18	18 49	0 51	21 56	0 55	22 56	0 17	1 44	1 1	16 23	0 23	22 15	22 6	20 1	10 12	1 19
W 3	15 7	16 6	1 56	8 3	1 58	25 52	2 42	15 27	1 19	18 52	0 51	21 56	0 54	22 55	0 17	1 44	1 1	16 23	0 23	22 15	22 7	20 2	10 11	1 19
T 4	15 25	11 22	2 57	8 36	1 59	25 57	2 44	15 18	1 20	18 54	0 51	21 56	0 54	22 55	0 17	1 43	1 1	16 23	0 23	22 15	22 7	20 4	10 10	1 19
F 5	15 43	5 58	3 50	9 11	1 58	26 0	2 47	15 9	1 22	18 57	0 51	21 55	0 54	22 55	0 17	1 43	1 1	16 23	0 23	22 15	22 8	20 6	10 9	1 19
S 6	16 1	0 5	4 32	9 46	1 57	26 3	2 50	15 0	1 23	19 0	0 51	21 55	0 54	22 55	0 17	1 42	1 1	16 23	0 23	22 16	22 8	20 7	10 8	1 19
S 7	16 18	5s59	4 57	10 22	1 55	26 6	2 53	14 51	1 24	19 3	0 51	21 55	0 54	22 55	0 17	1 42	1 1	16 23	0 23	22 16	22 8	20 9	10 7	1 19
M 8	16 35	11 54	5 4	10 58	1 52	26 8	2 55	14 42	1 26	19 6	0 51	21 55	0 54	22 54	0 17	1 41	1 1	16 23	0 23	22 17	22 9	20 11	10 6	1 19
T 9	16 52	17 12	4 50	11 35	1 49	26 9	2 58	14 33	1 27	19 8	0 51	21 54	0 54	22 54	0 17	1 41	1 1	16 23	0 23	22 18	22 9	20 12	10 5	1 19
W10	17 8	21 25	4 15	12 12	1 45	26 9	3 0	14 24	1 29	19 11	0 51	21 54	0 53	22 54	0 17	1 40	1 1	16 23	0 23	22 19	22 9	20 14	10 4	1 18
T 11	17 24	24 7	3 21	12 49	1 41	26 9	3 2	14 15	1 30	19 14	0 51	21 54	0 53	22 54	0 17	1 40	1 1	16 23	0 23	22 20	22 10	20 16	10 3	1 18
F 12	17 40	25 2	2 15	13 25	1 36	26 9	3 4	14 6	1 32	19 17	0 51	21 54	0 53	22 53	0 17	1 40	1 1	16 23	0 23	22 21	22 10	20 17	10 2	1 18
S 13	17 56	24 11	1 1	14 1	1 31	26 7	3 6	13 58	1 33	19 19	0 51	21 53	0 53	22 53	0 17	1 39	1 1	16 23	0 22	22 21	22 11	20 19	10 1	1 18
S 14	18 11	21 46	0n15	14 37	1 26	26 5	3 8	13 49	1 35	19 22	0 50	21 53	0 53	22 53	0 17	1 39	1 1	16 23	0 22	22 21	22 11	20 21	10 0	1 18
M15	18 26	18 9	1 28	15 12	1 20	26 3	3 10	13 40	1 36	19 25	0 50	21 53	0 53	22 53	0 17	1 38	1 1	16 23	0 22	22 21	22 11	20 22	9 59	1 18
T 16	18 41	13 43	2 33	15 46	1 14	26 0	3 12	13 31	1 38	19 27	0 50	21 52	0 53	22 52	0 17	1 38	1 1	16 23	0 22	22 21	22 12	20 24	9 58	1 18
W17	18 55	8 47	3 29	16 20	1 8	25 56	3 14	13 23	1 39	19 30	0 50	21 52	0 53	22 52	0 17	1 38	1 1	16 23	0 22	22 21	22 12	20 25	9 57	1 18
T 18	19 9	3 38	4 13	16 53	1 2	25 51	3 15	13 14	1 41	19 33	0 50	21 52	0 52	22 52	0 17	1 37	1 1	16 23	0 22	22 21	22 13	20 27	9 56	1 18
F 19	19 22	1n33	4 45	17 25	0 55	25 46	3 17	13 6	1 42	19 35	0 50	21 51	0 52	22 52	0 17	1 37	1 1	16 23	0 22	22 21	22 13	20 29	9 55	1 17
S 20	19 36	6 35	5 3	17 56	0 49	25 41	3 18	12 57	1 44	19 38	0 50	21 51	0 52	22 51	0 17	1 37	1 1	16 24	0 22	22 22	22 13	20 30	9 55	1 17
S 21	19 49	11 19	5 8	18 26	0 42	25 35	3 19	12 49	1 45	19 40	0 50	21 50	0 52	22 51	0 17	1 36	1 0	16 24	0 22	22 23	22 14	20 32	9 54	1 17
M22	20 1	15 37	4 59	18 56	0 35	25 28	3 20	12 41	1 47	19 43	0 50	21 50	0 52	22 51	0 17	1 36	1 0	16 24	0 22	22 24	22 14	20 33	9 53	1 17
T 23	20 14	19 17	4 37	19 24	0 28	25 21	3 21	12 32	1 49	19 46	0 50	21 50	0 52	22 50	0 17	1 36	1 0	16 24	0 22	22 25	22 15	20 35	9 52	1 17
W24	20 26	22 10	4 4	19 51	0 21	25 13	3 22	12 24	1 50	19 48	0 50	21 49	0 52	22 50	0 17	1 36	1 0	16 24	0 22	22 26	22 15	20 37	9 51	1 17
T 25	20 37	24 6	3 20	20 17	0 15	25 4	3 22	12 16	1 52	19 51	0 50	21 49	0 52	22 50	0 17	1 35	1 0	16 24	0 22	22 26	22 15	20 38	9 50	1 17
F 26	20 48	24 58	2 26	20 43	0 8	24 55	3 23	12 8	1 54	19 53	0 50	21 48	0 51	22 50	0 17	1 35	1 0	16 24	0 22	22 27	22 16	20 40	9 49	1 17
S 27	20 59	24 39	1 26	21 7	0 1	24 46	3 23	12 0	1 55	19 56	0 50	21 48	0 51	22 49	0 17	1 35	1 0	16 24	0 22	22 27	22 16	20 41	9 49	1 16
S 28	21 9	23 9	0 21	21 30	0s 6	24 36	3 23	11 52	1 57	19 58	0 50	21 47	0 51	22 49	0 17	1 35	1 0	16 25	0 22	22 27	22 16	20 43	9 48	1 16
M29	21 19	20 33	0s46	21 51	0 13	24 26	3 23	11 45	1 59	20 0	0 50	21 47	0 51	22 49	0 17	1 34	1 0	16 25	0 22	22 27	22 17	20 44	9 47	1 16
T 30	21s29	16n57	1s52	22s12	0s20	24s15	3s23	11n37	2n 0	20s 3	0n50	21s47	0n51	22s48	0s17	1n34	1s 0	16n25	0s22	22s27	22s17	20n46	9n46	1n16

Julian Day Number = 3060343.5, Delta T = 02h31m11s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'30, Lahiri = 47°13'30

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ASTRODIENST EPHEMERIS for the year 3666
geocentric

DECEMBER 3666 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 43 25	9♐14'17	18♌ 6	12♐28	26♑ 9	4♍59	4♐46	12♑51	13♑52	6°R20	13°R 0	14♑26	15♑52	16♉11	22°R15	W 1
T 2	4 47 21	10°14'20	1♍11	14° 4	27° 8	5°24	4°59	12°57	13°55	6♈19	13♌ 0	14°27	15°49	16°18	22♈13	T 2
F 3	4 51 18	11°14'25	14°37	15°39	28° 7	5°48	5°12	13° 4	13°58	6°19	12°59	14°R28	15°46	16°25	22°11	F 3
S 4	4 55 14	12°14'32	28°27	17°14	29° 5	6°12	5°26	13°10	14° 1	6°18	12°59	14°27	15°42	16°31	22°10	S 4
S 5	4 59 11	13°14'41	12♎41	18°48	0♒ 3	6°36	5°39	13°17	14° 5	6°18	12°58	14°24	15°39	16°38	22° 8	S 5
M 6	5 3 7	14°14'52	27°17	20°22	1° 1	6°59	5°52	13°23	14° 8	6°17	12°57	14°20	15°36	16°45	22° 7	M 6
T 7	5 7 4	15°15'06	12♏12	21°56	1°58	7°22	6° 5	13°30	14°11	6°17	12°57	14°16	15°33	16°51	22° 6	T 7
W 8	5 11 0	16°15'21	27°16	23°29	2°55	7°44	6°18	13°36	14°15	6°17	12°56	14°12	15°30	16°58	22° 4	W 8
T 9	5 14 57	17°15'38	12♐22	25° 3	3°51	8° 6	6°31	13°43	14°18	6°16	12°56	14° 9	15°27	17° 5	22° 3	T 9
F 10	5 18 54	18°15'56	27°19	26°35	4°46	8°28	6°44	13°50	14°21	6°16	12°55	14° 6	15°23	17°12	22° 2	F 10
S 11	5 22 50	19°16'16	12♑ 0	28° 8	5°41	8°49	6°57	13°56	14°25	6°16	12°54	14°D 6	15°20	17°18	22° 1	S 11
S 12	5 26 47	20°16'38	26°18	29°40	6°36	9°10	7° 9	14° 3	14°28	6°16	12°54	14° 6	15°17	17°25	21°59	S 12
M13	5 30 43	21°17'01	10♒ 9	1♑12	7°30	9°31	7°22	14°10	14°32	6°16	12°53	14° 7	15°14	17°32	21°58	M13
T 14	5 34 40	22°17'25	23°34	2°44	8°23	9°51	7°35	14°17	14°35	6°15	12°52	14° 9	15°11	17°38	21°57	T 14
W15	5 38 36	23°17'50	6♓33	4°16	9°15	10°10	7°48	14°23	14°38	6°15	12°52	14°10	15° 8	17°45	21°56	W15
T 16	5 42 33	24°18'17	19°10	5°47	10° 7	10°29	8° 1	14°30	14°42	6°15	12°51	14°R11	15° 4	17°52	21°55	T 16
F 17	5 46 30	25°18'45	1♈30	7°18	10°58	10°48	8°14	14°37	14°45	6°D15	12°50	14°11	15° 1	17°58	21°55	F 17
S 18	5 50 26	26°19'14	13°35	8°49	11°49	11° 6	8°27	14°44	14°49	6°15	12°49	14°10	14°58	18° 5	21°54	S 18
S 19	5 54 23	27°19'44	25°32	10°20	12°38	11°24	8°39	14°51	14°53	6°15	12°48	14° 8	14°55	18°12	21°53	S 19
M20	5 58 19	28°20'15	7♉24	11°50	13°27	11°41	8°52	14°58	14°56	6°15	12°48	14° 6	14°52	18°19	21°52	M20
T 21	6 2 16	29°20'48	19°15	13°20	14°15	11°58	9° 5	15° 5	15° 0	6°16	12°47	14° 4	14°48	18°25	21°52	T 21
W22	6 6 12	0♑21'21	1♊ 8	14°50	15° 2	12°14	9°17	15°12	15° 3	6°16	12°46	14° 1	14°45	18°32	21°51	W22
T 23	6 10 9	1°21'56	13° 6	16°19	15°48	12°29	9°30	15°19	15° 7	6°16	12°45	13°59	14°42	18°39	21°50	T 23
F 24	6 14 5	2°22'33	25°10	17°48	16°33	12°45	9°43	15°26	15°10	6°16	12°44	13°58	14°39	18°45	21°50	F 24
S 25	6 18 2	3°23'10	7♋24	19°16	17°18	12°59	9°55	15°33	15°14	6°16	12°43	13°58	14°36	18°52	21°49	S 25
S 26	6 21 59	4°23'49	19°47	20°44	18° 1	13°13	10° 8	15°40	15°18	6°17	12°42	13°D58	14°33	18°59	21°49	S 26
M27	6 25 55	5°24'29	2♌22	22°12	18°43	13°27	10°20	15°47	15°21	6°17	12°41	13°58	14°29	19° 5	21°49	M27
T 28	6 29 52	6°25'10	15° 9	23°39	19°24	13°40	10°33	15°54	15°25	6°17	12°40	13°59	14°26	19°12	21°48	T 28
W29	6 33 48	7°25'53	28°10	25° 5	20° 4	13°52	10°45	16° 1	15°28	6°18	12°39	13°59	14°23	19°19	21°48	W29
T 30	6 37 45	8°26'37	11♍25	26°30	20°42	14° 4	10°57	16° 8	15°32	6°18	12°38	14° 0	14°20	19°26	21°48	T 30
F 31	6 41 41	9♑27'22	24♍55	27♑54	21♒19	14♍15	11♐10	16♑15	15♑36	6♈19	12♌37	14♑ 0	14♑17	19♉32	21♈48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s38	12n30	2s54	22s32	0s26	24s 3	3s23	11n30	2n 2	20s 5	0n50	21s46	0n51	22s48	0s17	1n34	1s 0	16n25	0s22	22s27	22s18	20n47	9n46	1n16
T 2	21 47	7 24	3 48	22 50	0 33	23 51	3 22	11 22	2 4	20 8	0 50	21 46	0 51	22 48	0 17	1 34	1 0	16 25	0 21	22 27	22 18	20 49	9 45	1 16
F 3	21 56	1 49	4 32	23 7	0 40	23 39	3 22	11 15	2 5	20 10	0 50	21 45	0 51	22 47	0 17	1 34	1 0	16 25	0 21	22 27	22 18	20 50	9 44	1 16
S 4	22 4	4s 0	5 1	23 23	0 46	23 26	3 21	11 8	2 7	20 12	0 50	21 45	0 51	22 47	0 17	1 33	1 0	16 26	0 21	22 27	22 19	20 52	9 44	1 16
S 5	22 11	9 46	5 13	23 38	0 52	23 13	3 20	11 1	2 9	20 15	0 49	21 44	0 50	22 47	0 17	1 33	1 0	16 26	0 21	22 27	22 19	20 53	9 43	1 15
M 6	22 18	15 10	5 5	23 51	0 59	22 59	3 19	10 54	2 11	20 17	0 49	21 43	0 50	22 46	0 17	1 33	1 0	16 26	0 21	22 28	22 19	20 55	9 42	1 15
T 7	22 25	19 45	4 37	24 4	1 5	22 45	3 17	10 47	2 13	20 19	0 49	21 43	0 50	22 46	0 17	1 33	1 0	16 26	0 21	22 28	22 20	20 56	9 42	1 15
W 8	22 31	23 5	3 49	24 15	1 11	22 30	3 16	10 40	2 14	20 21	0 49	21 42	0 50	22 46	0 17	1 33	1 0	16 27	0 21	22 29	22 20	20 58	9 41	1 15
T 9	22 37	24 49	2 45	24 25	1 17	22 16	3 14	10 34	2 16	20 24	0 49	21 42	0 50	22 45	0 17	1 33	1 0	16 27	0 21	22 29	22 20	20 59	9 40	1 15
F 10	22 43	24 43	1 31	24 33	1 22	22 0	3 12	10 28	2 18	20 26	0 49	21 41	0 50	22 45	0 17	1 33	1 0	16 27	0 21	22 29	22 21	21 1	9 40	1 15
S 11	22 48	22 53	0 12	24 41	1 28	21 45	3 10	10 21	2 20	20 28	0 49	21 41	0 50	22 45	0 17	1 33	1 0	16 27	0 21	22 29	22 21	21 2	9 39	1 15
S 12	22 52	19 37	1n 7	24 47	1 33	21 29	3 7	10 15	2 22	20 30	0 49	21 40	0 50	22 44	0 17	1 33	1 0	16 27	0 21	22 29	22 22	21 4	9 39	1 14
M13	22 57	15 19	2 19	24 51	1 38	21 13	3 5	10 9	2 24	20 32	0 49	21 39	0 50	22 44	0 17	1 33	1 0	16 28	0 21	22 29	22 22	21 5	9 38	1 14
T 14	23 0	10 23	3 21	24 55	1 43	20 56	3 2	10 4	2 26	20 34	0 49	21 39	0 50	22 43	0 17	1 33	1 0	16 28	0 21	22 29	22 22	21 7	9 38	1 14
W15	23 3	5 9	4 10	24 57	1 48	20 39	2 59	9 58	2 28	20 36	0 49	21 38	0 49	22 43	0 17	1 33	1 0	16 28	0 21	22 29	22 23	21 8	9 37	1 14
T 16	23 6	0n 9	4 46	24 58	1 52	20 22	2 55	9 53	2 30	20 38	0 49	21 38	0 49	22 43	0 17	1 33	1 0	16 28	0 21	22 29	22 23	21 10	9 37	1 14
F 17	23 9	5 18	5 8	24 58	1 57	20 5	2 52	9 48	2 32	20 40	0 49	21 37	0 49	22 42	0 17	1 33	1 0	16 29	0 21	22 29	22 23	21 11	9 36	1 14
S 18	23 10	10 10	5 16	24 56	2 1	19 47	2 48	9 43	2 34	20 42	0 49	21 36	0 49	22 42	0 17	1 33	1 0	16 29	0 21	22 29	22 24	21 12	9 36	1 14
S 19	23 12	14 35	5 9	24 54	2 4	19 29	2 44	9 38	2 36	20 44	0 49	21 36	0 49	22 42	0 17	1 33	1 0	16 29	0 21	22 29	22 24	21 14	9 35	1 13
M20	23 13	18 26	4 50	24 49	2 8	19 11	2 40	9 33	2 38	20 46	0 49	21 35	0 49	22 41	0 17	1 33	1 0	16 30	0 20	22 29	22 24	21 15	9 35	1 13
T 21	23 13	21 31	4 18	24 44	2 11	18 53	2 35	9 29	2 40	20 48	0 49	21 34	0 49	22 41	0 17	1 33	1 0	16 30	0 20	22 29	22 25	21 17	9 35	1 13
W22	23 13	23 43	3 35	24 37	2 14	18 35	2 31	9 25	2 42	20 50	0 49	21 34	0 49	22 40	0 17	1 33	1 0	16 30	0 20	22 30	22 25	21 18	9 34	1 13
T 23	23 13	24 51	2 43	24 29	2 16	18 16	2 25	9 20	2 44	20 52	0 49	21 33	0 49	22 40	0 17	1 33	1 0	16 30	0 20	22 30	22 25	21 19	9 34	1 13
F 24	23 12	24 50	1 42	24 20	2 18	17 58	2 20	9 17	2 46	20 54	0 49	21 32	0 49	22 40	0 17	1 33	1 0	16 31	0 20	22 30	22 26	21 21	9 34	1 13
S 25	23 11	23 37	0 36	24 10	2 20	17 39	2 14	9 13	2 48	20 56	0 49	21 31	0 49	22 39	0 17	1 33	1 0	16 31	0 20	22 30	22 26	21 22	9 33	1 13
S 26	23 9	21 15	0s32	23 58	2 21	17 20	2 9	9 10	2 50	20 58	0 49	21 31	0 49	22 39	0 17	1 33	1 0	16 31	0 20	22 30	22 26	21 24	9 33	1 13
M27	23 7	17 50	1 40	23 45	2 22	17 1	2 2	9 7	2 52	20 59	0 49	21 30	0 48	22 38	0 17	1 34	1 0	16 32	0 20	22 30	22 27	21 25	9 33	1 12
T 28	23 4	13 31	2 45	23 31	2 23	16 42	1 56	9 4	2 55	21 1	0 49	21 29	0 48	22 38	0 17	1 34	1 0	16 32	0 20	22 30	22 27	21 26	9 33	1 12
W29	23 1	8 32	3 41	23 16	2 23	16 23	1 49	9 1	2 57	21 3	0 49	21 29	0 48	22 38	0 17	1 34	1 0	16 32	0 20	22 30	22 27	21 28	9 32	1 12
T 30	22 58	3 5	4 28	23 0	2 22	16 4	1 42	8 58	2 59	21 4	0 49	21 28	0 48	22 37	0 17	1 34	1 0	16 33	0 20	22 30	22 28	21 29	9 32	1 12
F 31	22s54	2s36	5s 0	22s42	2s21	15s45	1s34	8n56	3n 1	21s 6	0n49	21s27	0n48	22s37	0s17	1n34	1s 0	16n33	0s20	22s30	22s28	21n30	9n32	1n12

Julian Day Number = 3060373.5, Delta T = 02h31m12s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'34, Lahiri = 47°13'34

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

JANUARY 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 45 38	10♑28'09	8♎42	29♑16	21♒55	14♍25	11♐22	16♑22	15♑39	6♈19	12°R36	14°R 1	14♑14	19♉39	21°R48	S 1
S 2	6 49 34	11°28'57	22°45	0♒38	22°30	14°35	11°34	16°29	15°43	6°20	12♌35	14♑ 0	14°10	19°46	21°D48	S 2
M 3	6 53 31	12°29'46	7♏ 3	1°58	23° 3	14°44	11°46	16°37	15°47	6°20	12°34	14° 0	14° 7	19°52	21♈48	M 3
T 4	6 57 28	13°30'37	21°33	3°16	23°35	14°53	11°59	16°44	15°50	6°21	12°33	14°D 0	14° 4	19°59	21°48	T 4
W 5	7 1 24	14°31'29	6♐11	4°31	24° 5	15° 0	12°11	16°51	15°54	6°21	12°32	14° 0	14° 1	20° 6	21°48	W 5
T 6	7 5 21	15°32'22	20°52	5°44	24°34	15° 8	12°23	16°58	15°58	6°22	12°31	14° 0	13°58	20°12	21°48	T 6
F 7	7 9 17	16°33'17	5♑29	6°55	25° 1	15°14	12°35	17° 5	16° 1	6°23	12°30	14° 0	13°54	20°19	21°49	F 7
S 8	7 13 14	17°34'12	19°56	8° 1	25°26	15°20	12°46	17°12	16° 5	6°24	12°29	14°R 0	13°51	20°26	21°49	S 8
S 9	7 17 10	18°35'08	4♒ 6	9° 4	25°50	15°25	12°58	17°19	16° 9	6°24	12°27	14° 0	13°48	20°33	21°49	S 9
M10	7 21 7	19°36'04	17°57	10° 2	26°11	15°29	13°10	17°27	16°12	6°25	12°26	14° 0	13°45	20°39	21°50	M10
T 11	7 25 4	20°37'01	1♓24	10°55	26°31	15°32	13°22	17°34	16°16	6°26	12°25	13°59	13°42	20°46	21°50	T 11
W12	7 29 0	21°37'59	14°28	11°42	26°49	15°35	13°33	17°41	16°20	6°27	12°24	13°58	13°39	20°53	21°51	W12
T 13	7 32 57	22°38'57	27°11	12°22	27° 5	15°37	13°45	17°48	16°23	6°28	12°23	13°57	13°35	20°59	21°51	T 13
F 14	7 36 53	23°39'56	9♈34	12°54	27°18	15°38	13°57	17°55	16°27	6°29	12°22	13°56	13°32	21° 6	21°52	F 14
S 15	7 40 50	24°40'54	21°42	13°18	27°29	15°R39	14° 8	18° 2	16°31	6°30	12°20	13°D56	13°29	21°13	21°53	S 15
S 16	7 44 46	25°41'54	3♉40	13°32	27°39	15°38	14°19	18° 9	16°34	6°31	12°19	13°56	13°26	21°19	21°54	S 16
M17	7 48 43	26°42'53	15°32	13°R36	27°45	15°37	14°31	18°16	16°38	6°32	12°18	13°57	13°23	21°26	21°54	M17
T 18	7 52 39	27°43'53	27°22	13°29	27°50	15°35	14°42	18°23	16°42	6°33	12°17	13°58	13°20	21°33	21°55	T 18
W19	7 56 36	28°44'53	9♊16	13°10	27°R52	15°33	14°53	18°31	16°45	6°34	12°16	13°59	13°16	21°39	21°56	W19
T 20	8 0 33	29°45'53	21°18	12°40	27°52	15°29	15° 4	18°38	16°49	6°35	12°14	14° 1	13°13	21°46	21°57	T 20
F 21	8 4 29	0♒46'54	3♋30	11°57	27°49	15°25	15°15	18°45	16°52	6°36	12°13	14° 2	13°10	21°53	21°58	F 21
S 22	8 8 26	1°47'55	15°56	11° 4	27°43	15°19	15°26	18°52	16°56	6°37	12°12	14°R 2	13° 7	22° 0	21°59	S 22
S 23	8 12 22	2°48'56	28°36	10° 1	27°35	15°13	15°37	18°59	17° 0	6°39	12°11	14° 1	13° 4	22° 6	22° 0	S 23
M24	8 16 19	3°49'57	11♌32	8°49	27°25	15° 7	15°48	19° 6	17° 3	6°40	12° 9	14° 0	13° 0	22°13	22° 2	M24
T 25	8 20 15	4°50'59	24°44	7°32	27°12	14°59	15°58	19°13	17° 7	6°41	12° 8	13°57	12°57	22°20	22° 3	T 25
W26	8 24 12	5°52'01	8♍ 9	6°11	26°57	14°50	16° 9	19°20	17°10	6°42	12° 7	13°54	12°54	22°26	22° 4	W26
T 27	8 28 8	6°53'03	21°47	4°49	26°39	14°41	16°19	19°27	17°14	6°44	12° 5	13°50	12°51	22°33	22° 5	T 27
F 28	8 32 5	7°54'06	5♎35	3°29	26°19	14°31	16°30	19°33	17°17	6°45	12° 4	13°47	12°48	22°40	22° 7	F 28
S 29	8 36 2	8°55'09	19°32	2°13	25°56	14°20	16°40	19°40	17°21	6°46	12° 3	13°45	12°45	22°46	22° 8	S 29
S 30	8 39 58	9°56'12	3♏36	1° 4	25°32	14° 8	16°50	19°47	17°24	6°48	12° 2	13°D43	12°41	22°53	22°10	S 30
M31	8 43 55	10♒57'16	17♏44	0♒ 3	25♒ 5	13♍56	17♐ 0	19♑54	17♑28	6♈49	12♌ 0	13♑43	12♑38	23♉ 0	22♈11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	8s16	5s16	22s24	2s19	15s26	1s27	8n54	3n 3	21s 8	0n49	21s26	0n48	22s36	0s17	1n35	0s59	16n33	0s20	22s30	22s28	21n32	9n32	1n12
S 2	22 44	13 38	5 14	22 4	2 17	15 8	1 18	8 53	3 6	21 9	0 49	21 25	0 48	22 36	0 18	1 35	0 59	16 34	0 20	22 30	22 29	21 33	9 32	1 12
M 3	22 39	18 21	4 52	21 44	2 14	14 49	1 10	8 51	3 8	21 11	0 49	21 25	0 48	22 36	0 18	1 35	0 59	16 34	0 20	22 30	22 29	21 34	9 32	1 11
T 4	22 33	22 2	4 12	21 22	2 11	14 30	1 1	8 50	3 10	21 13	0 49	21 24	0 48	22 35	0 18	1 35	0 59	16 34	0 20	22 30	22 29	21 36	9 31	1 11
W 5	22 27	24 21	3 15	21 0	2 6	14 12	0 52	8 49	3 13	21 14	0 49	21 23	0 48	22 35	0 18	1 36	0 59	16 35	0 20	22 30	22 30	21 37	9 31	1 11
T 6	22 20	25 0	2 5	20 37	2 1	13 53	0 42	8 48	3 15	21 16	0 49	21 22	0 48	22 34	0 18	1 36	0 59	16 35	0 19	22 30	22 30	21 38	9 31	1 11
F 7	22 13	23 54	0 47	20 14	1 55	13 35	0 33	8 48	3 17	21 17	0 49	21 21	0 48	22 34	0 18	1 36	0 59	16 36	0 19	22 30	22 30	21 40	9 31	1 11
S 8	22 5	21 13	0n33	19 50	1 48	13 17	0 22	8 48	3 19	21 19	0 49	21 21	0 48	22 33	0 18	1 36	0 59	16 36	0 19	22 30	22 31	21 41	9 31	1 11
S 9	21 57	17 17	1 49	19 26	1 40	12 59	0 12	8 48	3 22	21 20	0 49	21 20	0 48	22 33	0 18	1 37	0 59	16 36	0 19	22 30	22 31	21 42	9 31	1 11
M10	21 48	12 30	2 57	19 2	1 31	12 41	0 1	8 49	3 24	21 22	0 49	21 19	0 47	22 33	0 18	1 37	0 59	16 37	0 19	22 30	22 31	21 44	9 31	1 10
T 11	21 40	7 14	3 54	18 38	1 21	12 24	0n10	8 50	3 26	21 23	0 49	21 18	0 47	22 32	0 18	1 37	0 59	16 37	0 19	22 30	22 32	21 45	9 31	1 10
W12	21 30	1 48	4 36	18 15	1 10	12 7	0 22	8 51	3 29	21 24	0 49	21 17	0 47	22 32	0 18	1 38	0 59	16 37	0 19	22 30	22 32	21 46	9 31	1 10
T 13	21 21	3n32	5 4	17 52	0 58	11 50	0 34	8 52	3 31	21 26	0 49	21 16	0 47	22 31	0 18	1 38	0 59	16 38	0 19	22 30	22 32	21 47	9 32	1 10
F 14	21 10	8 36	5 16	17 30	0 44	11 34	0 47	8 54	3 33	21 27	0 49	21 15	0 47	22 31	0 18	1 39	0 59	16 38	0 19	22 30	22 33	21 49	9 32	1 10
S 15	21 0	13 15	5 14	17 9	0 30	11 18	0 59	8 56	3 36	21 28	0 49	21 15	0 47	22 30	0 18	1 39	0 59	16 39	0 19	22 30	22 33	21 50	9 32	1 10
S 16	20 49	17 18	4 58	16 50	0 14	11 3	1 13	8 58	3 38	21 30	0 50	21 14	0 47	22 30	0 18	1 39	0 59	16 39	0 19	22 30	22 33	21 51	9 32	1 10
M17	20 38	20 39	4 30	16 33	0n 3	10 48	1 26	9 1	3 41	21 31	0 50	21 13	0 47	22 30	0 18	1 40	0 59	16 39	0 19	22 30	22 34	21 52	9 32	1 9
T 18	20 26	23 8	3 50	16 18	0 21	10 33	1 40	9 4	3 43	21 32	0 50	21 12	0 47	22 29	0 18	1 40	0 59	16 40	0 19	22 30	22 34	21 54	9 32	1 9
W19	20 14	24 37	3 1	16 5	0 39	10 20	1 54	9 7	3 45	21 33	0 50	21 11	0 47	22 29	0 18	1 41	0 59	16 40	0 19	22 30	22 34	21 55	9 33	1 9
T 20	20 1	24 59	2 2	15 56	0 58	10 6	2 8	9 10	3 47	21 35	0 50	21 10	0 47	22 28	0 18	1 41	0 59	16 41	0 19	22 30	22 35	21 56	9 33	1 9
F 21	19 48	24 9	0 58	15 49	1 18	9 53	2 23	9 14	3 50	21 36	0 50	21 9	0 47	22 28	0 18	1 42	0 59	16 41	0 19	22 30	22 35	21 57	9 33	1 9
S 22	19 35	22 7	0s10	15 45	1 37	9 41	2 38	9 18	3 52	21 37	0 50	21 8	0 47	22 27	0 18	1 42	0 59	16 41	0 19	22 30	22 35	21 59	9 33	1 9
S 23	19 21	18 57	1 20	15 44	1 55	9 30	2 53	9 23	3 54	21 38	0 50	21 7	0 47	22 27	0 18	1 43	0 59	16 42	0 18	22 30	22 35	22 0	9 34	1 9
M24	19 7	14 50	2 26	15 45	2 13	9 19	3 8	9 27	3 57	21 39	0 50	21 7	0 47	22 27	0 18	1 43	0 59	16 42	0 18	22 30	22 36	22 1	9 34	1 8
T 25	18 53	9 55	3 26	15 49	2 29	9 9	3 23	9 32	3 59	21 40	0 50	21 6	0 47	22 26	0 18	1 44	0 59	16 43	0 18	22 30	22 36	22 2	9 34	1 8
W26	18 38	4 29	4 15	15 55	2 43	8 59	3 39	9 38	4 1	21 41	0 50	21 5	0 47	22 26	0 18	1 44	0 59	16 43	0 18	22 30	22 36	22 3	9 35	1 8
T 27	18 23	1s14	4 51	16 3	2 55	8 51	3 54	9 43	4 3	21 42	0 50	21 4	0 47	22 25	0 18	1 45	0 59	16 43	0 18	22 31	22 37	22 5	9 35	1 8
F 28	18 8	6 58	5 11	16 13	3 4	8 43	4 10	9 49	4 5	21 43	0 50	21 3	0 46	22 25	0 18	1 45	0 59	16 44	0 18	22 31	22 37	22 6	9 35	1 8
S 29	17 52	12 24	5 13	16 23	3 11	8 36	4 25	9 55	4 7	21 44	0 50	21 2	0 46	22 24	0 18	1 46	0 59	16 44	0 18	22 31	22 37	22 7	9 36	1 8
S 30	17 36	17 14	4 56	16 34	3 15	8 29	4 40	10 2	4 9	21 45	0 50	21 1	0 46	22 24	0 18	1 46	0 59	16 45	0 18	22 32	22 38	22 8	9 36	1 8
M31	17s20	21s 8	4s21	16s45	3n17	8s24	4n55	10n 8	4n11	21s46	0n50	21s 0	0n46	22s24	0s18	1n47	0s59	16n45	0s18	22s32	22s38	22n 9	9n37	1n 8

Julian Day Number = 3060404.5, Delta T = 02h31m13s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'38, Lahiri = 47°13'38

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3667
geocentric

FEBRUARY 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 47 51	11♒58'21	1♐56	29°R10	24°R36	13°R42	17♐10	20♑ 1	17♑31	6♈51	11°R59	13♑45	12♑35	23♉ 6	22♈13	T 1
W 2	8 51 48	12°59'25	16° 9	28♑28	24♒ 6	13♍28	17°20	20° 8	17°34	6°52	11♌58	13°46	12°32	23°13	22°15	W 2
T 3	8 55 44	14° 0'30	0♑21	27°56	23°34	13°13	17°30	20°14	17°38	6°54	11°57	13°47	12°29	23°20	22°16	T 3
F 4	8 59 41	15° 1'35	14°29	27°34	23° 1	12°57	17°40	20°21	17°41	6°55	11°55	13°R48	12°26	23°27	22°18	F 4
S 5	9 3 38	16° 2'40	28°29	27°21	22°26	12°41	17°50	20°28	17°45	6°57	11°54	13°47	12°22	23°33	22°20	S 5
S 6	9 7 34	17° 3'45	12♒19	27°D18	21°51	12°24	17°59	20°35	17°48	6°59	11°53	13°45	12°19	23°40	22°22	S 6
M 7	9 11 31	18° 4'50	25°55	27°23	21°15	12° 6	18° 8	20°41	17°51	7° 0	11°51	13°40	12°16	23°47	22°24	M 7
T 8	9 15 27	19° 5'54	9♓14	27°36	20°38	11°48	18°18	20°48	17°55	7° 2	11°50	13°34	12°13	23°53	22°26	T 8
W 9	9 19 24	20° 6'58	22°14	27°57	20° 2	11°28	18°27	20°54	17°58	7° 4	11°49	13°28	12°10	24° 0	22°28	W 9
T 10	9 23 20	21° 8'01	4♈56	28°24	19°25	11° 9	18°36	21° 1	18° 1	7° 5	11°48	13°21	12° 6	24° 7	22°30	T 10
F 11	9 27 17	22° 9'04	17°21	28°57	18°48	10°48	18°45	21° 7	18° 4	7° 7	11°46	13°15	12° 3	24°13	22°32	F 11
S 12	9 31 13	23°10'07	29°30	29°36	18°13	10°28	18°54	21°14	18° 7	7° 9	11°45	13°11	12° 0	24°20	22°34	S 12
S 13	9 35 10	24°11'09	11♉29	0♒20	17°37	10° 6	19° 3	21°20	18°11	7°10	11°44	13° 8	11°57	24°27	22°36	S 13
M14	9 39 7	25°12'10	23°20	1° 8	17° 3	9°45	19°11	21°26	18°14	7°12	11°43	13°D 7	11°54	24°33	22°38	M14
T 15	9 43 3	26°13'10	5♊10	2° 0	16°30	9°22	19°20	21°33	18°17	7°14	11°41	13° 7	11°51	24°40	22°40	T 15
W16	9 47 0	27°14'10	17° 4	2°55	15°59	9° 0	19°28	21°39	18°20	7°16	11°40	13° 9	11°47	24°47	22°43	W16
T 17	9 50 56	28°15'08	29° 6	3°54	15°29	8°37	19°36	21°45	18°23	7°18	11°39	13°10	11°44	24°53	22°45	T 17
F 18	9 54 53	29°16'06	11♋22	4°56	15° 1	8°14	19°44	21°51	18°26	7°20	11°38	13°R11	11°41	25° 0	22°47	F 18
S 19	9 58 49	0♓17'04	23°55	6° 0	14°35	7°50	19°52	21°58	18°29	7°22	11°37	13°10	11°38	25° 7	22°50	S 19
S 20	10 2 46	1°18'00	6♌48	7° 7	14°11	7°27	20° 0	22° 4	18°32	7°23	11°35	13° 8	11°35	25°14	22°52	S 20
M21	10 6 42	2°18'55	20° 2	8°16	13°49	7° 3	20° 8	22°10	18°35	7°25	11°34	13° 3	11°32	25°20	22°55	M21
T 22	10 10 39	3°19'50	3♍37	9°27	13°30	6°39	20°15	22°16	18°38	7°27	11°33	12°56	11°28	25°27	22°57	T 22
W23	10 14 36	4°20'44	17°30	10°39	13°13	6°15	20°23	22°22	18°40	7°29	11°32	12°47	11°25	25°34	23° 0	W23
T 24	10 18 32	5°21'37	1♎38	11°54	12°58	5°51	20°30	22°27	18°43	7°31	11°31	12°38	11°22	25°40	23° 3	T 24
F 25	10 22 29	6°22'29	15°54	13°10	12°46	5°27	20°37	22°33	18°46	7°33	11°30	12°30	11°19	25°47	23° 5	F 25
S 26	10 26 25	7°23'21	0♏14	14°28	12°36	5° 3	20°44	22°39	18°49	7°35	11°28	12°23	11°16	25°54	23° 8	S 26
S 27	10 30 22	8°24'12	14°32	15°46	12°29	4°39	20°51	22°45	18°51	7°37	11°27	12°18	11°12	26° 0	23°11	S 27
M28	10 34 18	9♓25'03	28♏46	17♒ 7	12♒25	4♍16	20♐58	22♑50	18♑54	7♈39	11♌26	12♑15	11♑ 9	26♉ 7	23♈13	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 3	23s47	3s30	16s56	3n17	8s19	5n10	10n15	4n13	21s47	0n50	20s59	0n46	22s23	0s18	1n48	0s59	16n46	0s18	22s31	22s38	22n10	9n37	1n 7
W 2	16 46	24 56	2 26	17 7	3 14	8 15	5 25	10 22	4 15	21 48	0 50	20 58	0 46	22 23	0 18	1 48	0 59	16 46	0 18	22 31	22 38	22 12	9 38	1 7
T 3	16 29	24 27	1 13	17 17	3 10	8 12	5 39	10 30	4 17	21 49	0 50	20 57	0 46	22 22	0 18	1 49	0 59	16 46	0 18	22 31	22 39	22 13	9 38	1 7
F 4	16 11	22 23	0n 4	17 27	3 4	8 10	5 53	10 37	4 19	21 49	0 50	20 56	0 46	22 22	0 18	1 49	0 59	16 47	0 18	22 31	22 39	22 14	9 39	1 7
S 5	15 53	18 59	1 19	17 36	2 58	8 8	6 6	10 45	4 20	21 50	0 50	20 55	0 46	22 21	0 18	1 50	0 59	16 47	0 18	22 31	22 39	22 15	9 39	1 7
S 6	15 35	14 33	2 29	17 44	2 50	8 7	6 18	10 53	4 22	21 51	0 50	20 54	0 46	22 21	0 18	1 51	0 59	16 48	0 18	22 31	22 40	22 16	9 40	1 7
M 7	15 17	9 28	3 30	17 52	2 41	8 7	6 30	11 1	4 24	21 52	0 51	20 53	0 46	22 21	0 18	1 51	0 59	16 48	0 18	22 32	22 40	22 17	9 40	1 7
T 8	14 58	4 4	4 17	17 59	2 32	8 8	6 41	11 10	4 25	21 52	0 51	20 52	0 46	22 20	0 18	1 52	0 59	16 48	0 17	22 32	22 40	22 18	9 41	1 7
W 9	14 39	1n23	4 50	18 4	2 22	8 9	6 52	11 18	4 26	21 53	0 51	20 51	0 46	22 20	0 18	1 53	0 59	16 49	0 17	22 33	22 40	22 19	9 42	1 6
T 10	14 20	6 39	5 7	18 9	2 12	8 11	7 1	11 27	4 28	21 54	0 51	20 51	0 46	22 19	0 18	1 53	0 59	16 49	0 17	22 34	22 41	22 20	9 42	1 6
F 11	14 0	11 31	5 10	18 12	2 1	8 13	7 10	11 36	4 29	21 55	0 51	20 50	0 46	22 19	0 18	1 54	0 59	16 50	0 17	22 34	22 41	22 22	9 43	1 6
S 12	13 40	15 51	4 58	18 15	1 51	8 16	7 18	11 45	4 30	21 55	0 51	20 49	0 46	22 19	0 18	1 55	0 59	16 50	0 17	22 35	22 41	22 23	9 44	1 6
S 13	13 20	19 28	4 33	18 16	1 40	8 20	7 25	11 54	4 31	21 56	0 51	20 48	0 46	22 18	0 18	1 56	0 59	16 50	0 17	22 35	22 42	22 24	9 44	1 6
M14	13 0	22 16	3 57	18 16	1 30	8 24	7 31	12 3	4 32	21 57	0 51	20 47	0 46	22 18	0 18	1 56	0 59	16 51	0 17	22 35	22 42	22 25	9 45	1 6
T 15	12 40	24 6	3 11	18 15	1 19	8 28	7 37	12 12	4 33	21 57	0 51	20 46	0 46	22 17	0 18	1 57	0 59	16 51	0 17	22 35	22 42	22 26	9 46	1 6
W16	12 19	24 52	2 17	18 13	1 9	8 33	7 41	12 21	4 34	21 58	0 51	20 45	0 46	22 17	0 18	1 58	0 59	16 52	0 17	22 35	22 42	22 27	9 46	1 6
T 17	11 59	24 29	1 16	18 10	0 58	8 38	7 45	12 30	4 34	21 58	0 51	20 44	0 46	22 17	0 18	1 58	0 58	16 52	0 17	22 35	22 43	22 28	9 47	1 5
F 18	11 38	22 55	0 10	18 5	0 48	8 43	7 47	12 40	4 35	21 59	0 51	20 43	0 46	22 16	0 18	1 59	0 58	16 52	0 17	22 35	22 43	22 29	9 48	1 5
S 19	11 16	20 11	0s58	17 59	0 38	8 49	7 49	12 49	4 35	21 59	0 51	20 42	0 46	22 16	0 18	2 0	0 58	16 53	0 17	22 35	22 43	22 30	9 49	1 5
S 20	10 55	16 25	2 4	17 52	0 29	8 55	7 50	12 58	4 35	22 0	0 51	20 41	0 46	22 15	0 18	2 1	0 58	16 53	0 17	22 35	22 44	22 31	9 49	1 5
M21	10 33	11 44	3 5	17 44	0 19	9 0	7 50	13 7	4 36	22 0	0 52	20 40	0 46	22 15	0 18	2 1	0 58	16 54	0 17	22 36	22 44	22 32	9 50	1 5
T 22	10 12	6 24	3 57	17 34	0 10	9 6	7 50	13 16	4 36	22 1	0 52	20 39	0 46	22 15	0 18	2 2	0 58	16 54	0 17	22 36	22 44	22 33	9 51	1 5
W23	9 50	0 38	4 37	17 24	0 1	9 12	7 49	13 25	4 36	22 1	0 52	20 38	0 46	22 14	0 18	2 3	0 58	16 54	0 16	22 37	22 44	22 34	9 52	1 5
T 24	9 28	5s14	5 0	17 12	0s 8	9 18	7 47	13 33	4 36	22 2	0 52	20 37	0 46	22 14	0 18	2 4	0 58	16 55	0 16	22 38	22 45	22 35	9 53	1 5
F 25	9 6	10 54	5 5	16 59	0 17	9 23	7 44	13 42	4 35	22 2	0 52	20 36	0 46	22 14	0 18	2 5	0 58	16 55	0 16	22 39	22 45	22 36	9 54	1 4
S 26	8 43	16 0	4 51	16 45	0 25	9 29	7 41	13 50	4 35	22 3	0 52	20 36	0 46	22 13	0 18	2 5	0 58	16 55	0 16	22 39	22 45	22 37	9 55	1 4
S 27	8 21	20 11	4 19	16 30	0 33	9 35	7 37	13 59	4 34	22 3	0 52	20 35	0 46	22 13	0 18	2 6	0 58	16 56	0 16	22 40	22 45	22 38	9 55	1 4
M28	7s58	23s 8	3s31	16s13	0s41	9s40	7n33	14n 7	4n34	22s 3	0n52	20s34	0n46	22s13	0s18	2n 7	0s58	16n56	0s16	22s40	22s46	22n39	9n56	1n 4

Julian Day Number = 3060435.5, Delta T = 02h31m14s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'42, Lahiri = 47°13'43

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

MARCH 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 15	10♓25'53	12♐53	18♒28	12°D23	3°R52	21♐ 5	22♑56	18♑57	7♈41	11°R25	12°D15	11♑ 6	26♉14	23♈16	T 1
W 2	10 42 11	11°26'43	26°53	19°51	12♒23	3♍29	21°11	23° 2	18°59	7°44	11♌24	12♑15	11° 3	26°20	23°19	W 2
T 3	10 46 8	12°27'32	10♑43	21°14	12°26	3° 6	21°17	23° 7	19° 2	7°46	11°23	12°R16	11° 0	26°27	23°22	T 3
F 4	10 50 4	13°28'20	24°26	22°39	12°31	2°43	21°24	23°12	19° 4	7°48	11°22	12°15	10°57	26°34	23°25	F 4
S 5	10 54 1	14°29'07	7♒59	24° 5	12°38	2°21	21°30	23°18	19° 7	7°50	11°21	12°12	10°53	26°40	23°28	S 5
S 6	10 57 58	15°29'53	21°23	25°31	12°48	1°59	21°35	23°23	19° 9	7°52	11°20	12° 7	10°50	26°47	23°30	S 6
M 7	11 1 54	16°30'38	4♓36	26°59	13° 0	1°38	21°41	23°28	19°12	7°54	11°19	11°58	10°47	26°54	23°33	M 7
T 8	11 5 51	17°31'22	17°37	28°27	13°14	1°17	21°47	23°33	19°14	7°56	11°18	11°47	10°44	27° 0	23°36	T 8
W 9	11 9 47	18°32'04	0♈24	29°57	13°30	0°57	21°52	23°39	19°16	7°58	11°17	11°35	10°41	27° 7	23°39	W 9
T 10	11 13 44	19°32'46	12°57	1♓27	13°48	0°37	21°57	23°44	19°19	8° 1	11°16	11°22	10°37	27°14	23°43	T 10
F 11	11 17 40	20°33'26	25°16	2°58	14° 8	0°18	22° 2	23°49	19°21	8° 3	11°15	11°11	10°34	27°21	23°46	F 11
S 12	11 21 37	21°34'05	7♉23	4°30	14°30	29♌59	22° 7	23°53	19°23	8° 5	11°14	11° 0	10°31	27°27	23°49	S 12
S 13	11 25 33	22°34'42	19°20	6° 3	14°53	29°42	22°12	23°58	19°25	8° 7	11°13	10°53	10°28	27°34	23°52	S 13
M14	11 29 30	23°35'18	1♊10	7°37	15°19	29°25	22°17	24° 3	19°27	8° 9	11°12	10°48	10°25	27°41	23°55	M14
T 15	11 33 27	24°35'52	12°59	9°12	15°46	29° 8	22°21	24° 8	19°29	8°12	11°11	10°46	10°22	27°47	23°58	T 15
W16	11 37 23	25°36'25	24°51	10°48	16°15	28°52	22°25	24°12	19°31	8°14	11°10	10°D45	10°18	27°54	24° 1	W16
T 17	11 41 20	26°36'56	6♋51	12°24	16°45	28°37	22°29	24°17	19°33	8°16	11°10	10°R45	10°15	28° 1	24° 5	T 17
F 18	11 45 16	27°37'25	19° 5	14° 2	17°17	28°23	22°33	24°21	19°35	8°18	11° 9	10°45	10°12	28° 7	24° 8	F 18
S 19	11 49 13	28°37'52	1♌38	15°40	17°50	28° 9	22°37	24°26	19°37	8°21	11° 8	10°43	10° 9	28°14	24°11	S 19
S 20	11 53 9	29°38'18	14°35	17°19	18°25	27°57	22°40	24°30	19°39	8°23	11° 7	10°39	10° 6	28°21	24°15	S 20
M21	11 57 6	0♈38'42	27°58	19° 0	19° 1	27°45	22°44	24°34	19°41	8°25	11° 6	10°33	10° 3	28°27	24°18	M21
T 22	12 1 2	1°39'04	11♍48	20°41	19°38	27°33	22°47	24°38	19°42	8°27	11° 6	10°23	9°59	28°34	24°21	T 22
W23	12 4 59	2°39'25	26° 1	22°23	20°16	27°23	22°50	24°42	19°44	8°30	11° 5	10°12	9°56	28°41	24°25	W23
T 24	12 8 56	3°39'44	10♎34	24° 6	20°56	27°13	22°53	24°46	19°46	8°32	11° 4	10° 0	9°53	28°47	24°28	T 24
F 25	12 12 52	4°40'01	25°18	25°50	21°37	27° 4	22°55	24°50	19°47	8°34	11° 3	9°48	9°50	28°54	24°31	F 25
S 26	12 16 49	5°40'17	10♏ 6	27°36	22°19	26°56	22°58	24°54	19°49	8°37	11° 3	9°39	9°47	29° 1	24°35	S 26
S 27	12 20 45	6°40'32	24°49	29°22	23° 2	26°49	23° 0	24°58	19°50	8°39	11° 2	9°31	9°43	29° 7	24°38	S 27
M28	12 24 42	7°40'46	9♐21	1♈ 9	23°46	26°43	23° 2	25° 1	19°52	8°41	11° 1	9°27	9°40	29°14	24°42	M28
T 29	12 28 38	8°40'58	23°38	2°57	24°31	26°37	23° 4	25° 5	19°53	8°43	11° 1	9°25	9°37	29°21	24°45	T 29
W30	12 32 35	9°41'08	7♑39	4°47	25°17	26°32	23° 6	25° 8	19°54	8°46	11° 0	9°25	9°34	29°27	24°48	W30
T 31	12 36 31	10♈41'18	21♑23	6♈37	26♒ 4	26♌28	23♐ 8	25♑12	19♑56	8♈48	11♌ 0	9♑25	9♑31	29♉34	24♈52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s35	24s38	2s30	15s55	0s48	9s45	7n28	14n15	4n33	22s 4	0n52	20s33	0n46	22s12	0s18	2n 8	0s58	16n57	0s16	22s40	22s46	22n40	9n57	1n 4
W 2	7 13	24 33	1 21	15 37	0 56	9 50	7 23	14 22	4 32	22 4	0 52	20 32	0 46	22 12	0 18	2 9	0 58	16 57	0 16	22 40	22 46	22 41	9 58	1 4
T 3	6 50	22 56	0 8	15 17	1 2	9 54	7 18	14 30	4 31	22 4	0 52	20 31	0 46	22 12	0 18	2 9	0 58	16 57	0 16	22 40	22 46	22 42	9 59	1 4
F 4	6 26	19 59	1n 5	14 56	1 9	9 58	7 12	14 37	4 30	22 5	0 52	20 30	0 46	22 11	0 18	2 10	0 58	16 58	0 16	22 40	22 47	22 43	10 0	1 4
S 5	6 3	15 58	2 13	14 34	1 15	10 2	7 6	14 44	4 29	22 5	0 52	20 29	0 46	22 11	0 18	2 11	0 58	16 58	0 16	22 40	22 47	22 44	10 1	1 4
S 6	5 40	11 12	3 13	14 11	1 21	10 6	6 59	14 51	4 28	22 5	0 53	20 28	0 45	22 11	0 18	2 12	0 58	16 58	0 16	22 41	22 47	22 45	10 2	1 3
M 7	5 17	5 59	4 1	13 46	1 27	10 9	6 53	14 57	4 27	22 5	0 53	20 28	0 45	22 10	0 18	2 13	0 58	16 59	0 16	22 42	22 48	22 46	10 3	1 3
T 8	4 53	0 37	4 36	13 21	1 32	10 12	6 46	15 3	4 25	22 6	0 53	20 27	0 45	22 10	0 19	2 14	0 58	16 59	0 16	22 42	22 48	22 47	10 4	1 3
W 9	4 30	4n42	4 56	12 55	1 38	10 15	6 39	15 9	4 24	22 6	0 53	20 26	0 45	22 10	0 19	2 14	0 58	16 59	0 16	22 44	22 48	22 48	10 5	1 3
T 10	4 6	9 42	5 2	12 27	1 42	10 17	6 31	15 15	4 22	22 6	0 53	20 25	0 45	22 9	0 19	2 15	0 58	17 0	0 16	22 45	22 48	22 49	10 6	1 3
F 11	3 43	14 14	4 53	11 59	1 47	10 19	6 24	15 20	4 21	22 6	0 53	20 24	0 45	22 9	0 19	2 16	0 58	17 0	0 15	22 46	22 49	22 50	10 7	1 3
S 12	3 19	18 7	4 31	11 30	1 51	10 20	6 16	15 25	4 19	22 7	0 53	20 23	0 45	22 9	0 19	2 17	0 58	17 0	0 15	22 46	22 49	22 51	10 8	1 3
S 13	2 55	21 13	3 57	10 59	1 54	10 21	6 8	15 30	4 17	22 7	0 53	20 23	0 45	22 8	0 19	2 18	0 58	17 1	0 15	22 47	22 49	22 51	10 9	1 3
M14	2 31	23 22	3 14	10 28	1 58	10 21	6 0	15 34	4 15	22 7	0 53	20 22	0 45	22 8	0 19	2 19	0 58	17 1	0 15	22 47	22 49	22 52	10 10	1 3
T 15	2 8	24 30	2 22	9 55	2 1	10 21	5 52	15 38	4 13	22 7	0 53	20 21	0 45	22 8	0 19	2 20	0 58	17 1	0 15	22 48	22 50	22 53	10 11	1 3
W16	1 44	24 31	1 23	9 22	2 4	10 21	5 44	15 41	4 11	22 7	0 53	20 20	0 45	22 8	0 19	2 21	0 58	17 2	0 15	22 48	22 50	22 54	10 12	1 2
T 17	1 20	23 24	0 21	8 47	2 6	10 20	5 36	15 45	4 9	22 7	0 54	20 19	0 45	22 7	0 19	2 21	0 58	17 2	0 15	22 48	22 50	22 55	10 14	1 2
F 18	0 56	21 9	0s44	8 12	2 8	10 18	5 27	15 48	4 7	22 7	0 54	20 19	0 45	22 7	0 19	2 22	0 58	17 2	0 15	22 48	22 50	22 56	10 15	1 2
S 19	0 32	17 51	1 48	7 36	2 9	10 17	5 19	15 51	4 5	22 8	0 54	20 18	0 45	22 7	0 19	2 23	0 58	17 2	0 15	22 48	22 50	22 57	10 16	1 2
S 20	0 9	13 37	2 49	6 58	2 11	10 14	5 11	15 53	4 3	22 8	0 54	20 17	0 45	22 7	0 19	2 24	0 58	17 3	0 15	22 48	22 51	22 58	10 17	1 2
M21	0n15	8 35	3 42	6 20	2 11	10 11	5 2	15 55	4 1	22 8	0 54	20 16	0 45	22 6	0 19	2 25	0 58	17 3	0 15	22 49	22 51	22 58	10 18	1 2
T 22	0 39	3 0	4 24	5 41	2 12	10 8	4 54	15 57	3 59	22 8	0 54	20 16	0 45	22 6	0 19	2 26	0 58	17 3	0 15	22 49	22 51	22 59	10 19	1 2
W23	1 3	2s54	4 51	5 1	2 12	10 4	4 46	15 58	3 56	22 8	0 54	20 15	0 45	22 6	0 19	2 27	0 58	17 3	0 15	22 50	22 51	23 0	10 20	1 2
T 24	1 27	8 45	5 0	4 20	2 11	10 0	4 37	16 0	3 54	22 8	0 54	20 14	0 45	22 6	0 19	2 28	0 58	17 4	0 15	22 51	22 52	23 1	10 21	1 2
F 25	1 50	14 12	4 50	3 38	2 10	9 55	4 29	16 0	3 52	22 8	0 54	20 14	0 45	22 6	0 19	2 28	0 58	17 4	0 15	22 52	22 52	23 2	10 23	1 2
S 26	2 14	18 49	4 19	2 55	2 9	9 50	4 21	16 1	3 49	22 8	0 54	20 13	0 45	22 5	0 19	2 29	0 58	17 4	0 14	22 53	22 52	23 3	10 24	1 2
S 27	2 38	22 14	3 32	2 12	2 7	9 44	4 12	16 1	3 47	22 8	0 55	20 12	0 45	22 5	0 19	2 30	0 58	17 4	0 14	22 53	22 52	23 3	10 25	1 1
M28	3 1	24 9	2 32	1 27	2 5	9 38	4 4	16 1	3 45	22 8	0 55	20 12	0 45	22 5	0 19	2 31	0 58	17 5	0 14	22 54	22 53	23 4	10 26	1 1
T 29	3 25	24 27	1 22	0 42	2 2	9 31	3 56	16 1	3 42	22 8	0 55	20 11	0 45	22 5	0 19	2 32	0 58	17 5	0 14	22 54	22 53	23 5	10 27	1 1
W30	3 48	23 10	0 9	0n 4	1 59	9 24	3 47	16 0	3 40	22 8	0 55	20 10	0 45	22 5	0 19	2 33	0 58	17 5	0 14	22 54	22 53	23 6	10 28	1 1
T 31	4n12	20s31	1n 3	0n51	1s55	9s16	3n39	16n 0	3n38	22s 8	0n55	20s10	0n45	22s 5	0s19	2n34	0s58	17n 5	0s14	22s54	22s53	23n 7	10n30	1n 1

Julian Day Number = 3060463.5, Delta T = 02h31m15s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'46, Lahiri = 47°13'47

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

APRIL 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 40 28	11♈41'25	4♒51	8♈28	26♒52	26°R24	23♐ 9	25♉15	19♉57	8♈50	10°R59	9°R23	9♉28	29♉41	24♈55	F 1
S 2	12 44 25	12°41'32	18° 6	10°21	27°40	26♌22	23°10	25°18	19°58	8°52	10♌59	9♉20	9°24	29°47	24°59	S 2
S 3	12 48 21	13°41'36	1♓ 9	12°14	28°30	26°20	23°11	25°21	19°59	8°55	10°58	9°13	9°21	29°54	25° 2	S 3
M 4	12 52 18	14°41'40	14° 0	14° 9	29°20	26°19	23°12	25°24	20° 0	8°57	10°58	9° 4	9°18	0♊ 1	25° 6	M 4
T 5	12 56 14	15°41'41	26°40	16° 4	0♓11	26°D18	23°13	25°27	20° 1	8°59	10°57	8°52	9°15	0° 7	25° 9	T 5
W 6	13 0 11	16°41'41	9♈10	18° 1	1° 2	26°19	23°13	25°30	20° 2	9° 2	10°57	8°38	9°12	0°14	25°13	W 6
T 7	13 4 7	17°41'39	21°29	19°58	1°54	26°20	23°13	25°33	20° 3	9° 4	10°56	8°24	9° 9	0°21	25°17	T 7
F 8	13 8 4	18°41'35	3♉39	21°55	2°47	26°22	23°R13	25°35	20° 4	9° 6	10°56	8°10	9° 5	0°27	25°20	F 8
S 9	13 12 0	19°41'30	15°39	23°54	3°41	26°24	23°13	25°38	20° 5	9° 8	10°56	7°59	9° 2	0°34	25°24	S 9
S 10	13 15 57	20°41'22	27°33	25°53	4°35	26°27	23°13	25°40	20° 6	9°11	10°55	7°50	8°59	0°41	25°27	S 10
M11	13 19 53	21°41'13	9♊21	27°52	5°30	26°31	23°12	25°43	20° 6	9°13	10°55	7°43	8°56	0°47	25°31	M11
T 12	13 23 50	22°41'01	21° 8	29°51	6°25	26°36	23°12	25°45	20° 7	9°15	10°55	7°40	8°53	0°54	25°34	T 12
W13	13 27 47	23°40'47	2♋59	1♉50	7°21	26°41	23°11	25°47	20° 7	9°17	10°54	7°D39	8°49	1° 1	25°38	W13
T 14	13 31 43	24°40'32	14°57	3°49	8°17	26°47	23°10	25°49	20° 8	9°19	10°54	7°39	8°46	1° 8	25°41	T 14
F 15	13 35 40	25°40'14	27° 8	5°47	9°14	26°54	23° 8	25°51	20° 9	9°22	10°54	7°R39	8°43	1°14	25°45	F 15
S 16	13 39 36	26°39'54	9♌38	7°44	10°11	27° 1	23° 7	25°53	20° 9	9°24	10°54	7°38	8°40	1°21	25°49	S 16
S 17	13 43 33	27°39'31	22°32	9°39	11° 9	27° 9	23° 5	25°55	20° 9	9°26	10°54	7°36	8°37	1°28	25°52	S 17
M18	13 47 29	28°39'07	5♍53	11°33	12° 7	27°17	23° 4	25°57	20°10	9°28	10°53	7°31	8°34	1°34	25°56	M18
T 19	13 51 26	29°38'40	19°44	13°25	13° 5	27°26	23° 2	25°58	20°10	9°30	10°53	7°23	8°30	1°41	25°59	T 19
W20	13 55 22	0♉38'11	4♎ 4	15°14	14° 4	27°36	22°59	26° 0	20°10	9°33	10°53	7°14	8°27	1°48	26° 3	W20
T 21	13 59 19	1°37'40	18°48	16°59	15° 4	27°46	22°57	26° 1	20°10	9°35	10°53	7° 4	8°24	1°54	26° 6	T 21
F 22	14 3 16	2°37'07	3♏49	18°42	16° 3	27°57	22°54	26° 3	20°10	9°37	10°53	6°54	8°21	2° 1	26°10	F 22
S 23	14 7 12	3°36'32	18°57	20°20	17° 4	28° 8	22°52	26° 4	20°11	9°39	10°D53	6°46	8°18	2° 8	26°13	S 23
S 24	14 11 9	4°35'56	4♐ 2	21°54	18° 4	28°20	22°49	26° 5	20°R11	9°41	10°53	6°39	8°14	2°14	26°17	S 24
M25	14 15 5	5°35'18	18°56	23°24	19° 5	28°32	22°46	26° 6	20°11	9°43	10°53	6°36	8°11	2°21	26°21	M25
T 26	14 19 2	6°34'38	3♑32	24°48	20° 6	28°45	22°43	26° 7	20°10	9°45	10°53	6°D35	8° 8	2°28	26°24	T 26
W27	14 22 58	7°33'56	17°45	26° 7	21° 8	28°58	22°39	26° 8	20°10	9°47	10°53	6°35	8° 5	2°34	26°28	W27
T 28	14 26 55	8°33'12	1♒36	27°20	22°10	29°12	22°36	26° 8	20°10	9°49	10°53	6°36	8° 2	2°41	26°31	T 28
F 29	14 30 51	9°32'27	15° 4	28°28	23°12	29°26	22°32	26° 9	20°10	9°52	10°54	6°R36	7°59	2°48	26°35	F 29
S 30	14 34 48	10♉31'41	28♒13	29♉29	24♓14	29♌41	22♐28	26♑ 9	20♑10	9♈54	10♌54	6♑34	7♑55	2♊54	26♈38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n35	16s46	2n10	1n38	1s51	9s 8	3n31	15n59	3n35	22s 8	0n55	20s 9	0n45	22s 4	0s19	2n35	0s58	17n 6	0s14	22s54	22s53	23n 7	10n31	1n 1
S 2	4 58	12 16	3 9	2 26	1 46	8 59	3 23	15 57	3 33	22 8	0 55	20 9	0 45	22 4	0 19	2 36	0 58	17 6	0 14	22 54	22 54	23 8	10 32	1 1
S 3	5 21	7 16	3 57	3 15	1 41	8 50	3 15	15 56	3 30	22 8	0 55	20 8	0 45	22 4	0 19	2 36	0 58	17 6	0 14	22 54	22 54	23 9	10 33	1 1
M 4	5 44	2 3	4 32	4 4	1 35	8 41	3 7	15 54	3 28	22 8	0 55	20 7	0 45	22 4	0 19	2 37	0 58	17 6	0 14	22 55	22 54	23 10	10 34	1 1
T 5	6 7	3n11	4 53	4 54	1 29	8 31	2 59	15 52	3 25	22 8	0 55	20 7	0 45	22 4	0 19	2 38	0 58	17 6	0 14	22 56	22 54	23 10	10 36	1 1
W 6	6 30	8 12	5 0	5 45	1 22	8 20	2 51	15 49	3 23	22 8	0 55	20 6	0 45	22 4	0 19	2 39	0 58	17 7	0 14	22 57	22 55	23 11	10 37	1 1
T 7	6 53	12 50	4 52	6 35	1 14	8 9	2 44	15 47	3 21	22 8	0 56	20 6	0 45	22 4	0 19	2 40	0 58	17 7	0 14	22 58	22 55	23 12	10 38	1 1
F 8	7 16	16 53	4 31	7 26	1 6	7 58	2 36	15 44	3 18	22 8	0 56	20 5	0 45	22 4	0 19	2 41	0 58	17 7	0 14	22 59	22 55	23 13	10 39	1 0
S 9	7 38	20 11	3 59	8 17	0 58	7 46	2 28	15 41	3 16	22 8	0 56	20 5	0 45	22 3	0 19	2 42	0 58	17 7	0 13	22 59	22 55	23 13	10 40	1 0
S 10	8 1	22 37	3 15	9 9	0 49	7 33	2 21	15 37	3 14	22 7	0 56	20 5	0 45	22 3	0 19	2 42	0 58	17 7	0 13	23 0	22 55	23 14	10 42	1 0
M11	8 23	24 2	2 24	10 0	0 40	7 21	2 13	15 34	3 11	22 7	0 56	20 4	0 45	22 3	0 19	2 43	0 58	17 7	0 13	23 0	22 56	23 15	10 43	1 0
T 12	8 45	24 22	1 27	10 51	0 30	7 8	2 6	15 30	3 9	22 7	0 56	20 4	0 45	22 3	0 19	2 44	0 59	17 8	0 13	23 0	22 56	23 16	10 44	1 0
W13	9 7	23 36	0 25	11 42	0 20	6 54	1 59	15 26	3 7	22 7	0 56	20 3	0 45	22 3	0 19	2 45	0 59	17 8	0 13	23 0	22 56	23 16	10 45	1 0
T 14	9 29	21 45	0s39	12 32	0 9	6 40	1 51	15 22	3 4	22 7	0 56	20 3	0 45	22 3	0 19	2 46	0 59	17 8	0 13	23 0	22 56	23 17	10 47	1 0
F 15	9 50	18 53	1 42	13 22	0n 2	6 26	1 44	15 17	3 2	22 7	0 56	20 3	0 45	22 3	0 19	2 47	0 59	17 8	0 13	23 0	22 56	23 18	10 48	1 0
S 16	10 12	15 5	2 41	14 11	0 13	6 11	1 37	15 13	3 0	22 7	0 56	20 2	0 45	22 3	0 19	2 48	0 59	17 8	0 13	23 0	22 57	23 18	10 49	1 0
S 17	10 33	10 29	3 35	14 58	0 25	5 56	1 30	15 8	2 57	22 7	0 56	20 2	0 45	22 3	0 20	2 48	0 59	17 8	0 13	23 1	22 57	23 19	10 50	1 0
M18	10 54	5 15	4 19	15 45	0 37	5 40	1 23	15 3	2 55	22 6	0 56	20 2	0 45	22 3	0 20	2 49	0 59	17 8	0 13	23 1	22 57	23 20	10 51	1 0
T 19	11 15	0s25	4 49	16 30	0 49	5 24	1 17	14 58	2 53	22 6	0 57	20 1	0 45	22 3	0 20	2 50	0 59	17 8	0 13	23 1	22 57	23 20	10 53	1 0
W20	11 36	6 14	5 3	17 13	1 0	5 8	1 10	14 52	2 51	22 6	0 57	20 1	0 45	22 3	0 20	2 51	0 59	17 8	0 13	23 2	22 58	23 21	10 54	1 0
T 21	11 56	11 53	4 57	17 55	1 12	4 51	1 4	14 47	2 49	22 6	0 57	20 1	0 45	22 3	0 20	2 52	0 59	17 9	0 13	23 2	22 58	23 22	10 55	1 0
F 22	12 16	16 55	4 31	18 34	1 24	4 34	0 57	14 41	2 46	22 6	0 57	20 0	0 45	22 3	0 20	2 53	0 59	17 9	0 13	23 3	22 58	23 22	10 56	0 59
S 23	12 36	20 55	3 45	19 12	1 35	4 17	0 51	14 35	2 44	22 5	0 57	20 0	0 45	22 3	0 20	2 53	0 59	17 9	0 13	23 3	22 58	23 23	10 58	0 59
S 24	12 56	23 28	2 44	19 47	1 46	4 0	0 44	14 29	2 42	22 5	0 57	20 0	0 45	22 3	0 20	2 54	0 59	17 9	0 12	23 4	22 58	23 24	10 59	0 59
M25	13 16	24 19	1 33	20 20	1 56	3 42	0 38	14 23	2 40	22 5	0 57	20 0	0 45	22 3	0 20	2 55	0 59	17 9	0 12	23 4	22 58	23 24	11 0	0 59
T 26	13 35	23 27	0 16	20 51	2 6	3 23	0 32	14 17	2 38	22 5	0 57	20 0	0 45	22 3	0 20	2 56	0 59	17 9	0 12	23 4	22 59	23 25	11 1	0 59
W27	13 55	21 5	0n59	21 19	2 16	3 5	0 26	14 10	2 36	22 4	0 57	19 59	0 45	22 3	0 20	2 57	0 59	17 9	0 12	23 4	22 59	23 25	11 2	0 59
T 28	14 14	17 31	2 10	21 44	2 24	2 46	0 20	14 3	2 34	22 4	0 57	19 59	0 45	22 3	0 20	2 57	0 59	17 9	0 12	23 4	22 59	23 26	11 4	0 59
F 29	14 32	13 7	3 11	22 7	2 32	2 27	0 15	13 56	2 32	22 4	0 57	19 59	0 45	22 3	0 20	2 58	0 59	17 9	0 12	23 4	22 59	23 27	11 5	0 59
S 30	14n51	8s13	4n 0	22n27	2n39	2s 8	0n 9	13n49	2n30	22s 4	0n57	19s59	0n45	22s 3	0s20	2n59	0s59	17n 9	0s12	23s 4	22s59	23n27	11n 6	0n59

Julian Day Number = 3060494.5, Delta T = 02h31m16s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'51, Lahiri = 47°13'51

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

MAY 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 38 45	11♉30'52	11♓ 4	0♊24	25♓17	29♌56	22°R24	26♑10	20°R 9	9♈56	10♌54	6°R30	7♑52	3♊ 1	26♈42	S 1
M 2	14 42 41	12°30'02	23°41	1°13	26°20	0♍12	22♐20	26°10	20♑ 9	9°58	10°54	6♑24	7°49	3° 8	26°45	M 2
T 3	14 46 38	13°29'10	6♈ 6	1°55	27°23	0°28	22°15	26°10	20° 8	10° 0	10°54	6°16	7°46	3°14	26°48	T 3
W 4	14 50 34	14°28'16	18°21	2°30	28°27	0°45	22°11	26°10	20° 8	10° 2	10°55	6° 6	7°43	3°21	26°52	W 4
T 5	14 54 31	15°27'21	0♉27	2°58	29°31	1° 2	22° 6	26°R10	20° 7	10° 3	10°55	5°56	7°40	3°28	26°55	T 5
F 6	14 58 27	16°26'23	12°26	3°20	0♈35	1°19	22° 1	26°10	20° 7	10° 5	10°55	5°47	7°36	3°34	26°59	F 6
S 7	15 2 24	17°25'24	24°20	3°35	1°39	1°37	21°56	26°10	20° 6	10° 7	10°55	5°39	7°33	3°41	27° 2	S 7
S 8	15 6 20	18°24'23	6♊ 9	3°44	2°43	1°55	21°51	26°10	20° 5	10° 9	10°56	5°33	7°30	3°48	27° 6	S 8
M 9	15 10 17	19°23'20	17°57	3°R46	3°48	2°14	21°45	26°10	20° 5	10°11	10°56	5°29	7°27	3°54	27° 9	M 9
T 10	15 14 14	20°22'15	29°45	3°42	4°53	2°33	21°40	26° 9	20° 4	10°13	10°57	5°D27	7°24	4° 1	27°12	T 10
W11	15 18 10	21°21'07	11♋37	3°31	5°58	2°52	21°34	26° 8	20° 3	10°15	10°57	5°27	7°20	4° 8	27°16	W11
T 12	15 22 7	22°19'58	23°37	3°16	7° 3	3°12	21°29	26° 8	20° 2	10°17	10°57	5°28	7°17	4°14	27°19	T 12
F 13	15 26 3	23°18'46	5♌48	2°54	8° 9	3°32	21°23	26° 7	20° 1	10°18	10°58	5°30	7°14	4°21	27°22	F 13
S 14	15 30 0	24°17'33	18°17	2°28	9°14	3°53	21°17	26° 6	20° 0	10°20	10°58	5°R31	7°11	4°28	27°25	S 14
S 15	15 33 56	25°16'17	1♍ 7	1°58	10°20	4°13	21°11	26° 5	19°59	10°22	10°59	5°31	7° 8	4°34	27°29	S 15
M16	15 37 53	26°14'59	14°22	1°25	11°26	4°34	21° 4	26° 4	19°58	10°24	10°59	5°29	7° 5	4°41	27°32	M16
T 17	15 41 49	27°13'38	28° 6	0°48	12°32	4°56	20°58	26° 3	19°57	10°25	11° 0	5°26	7° 1	4°48	27°35	T 17
W18	15 45 46	28°12'16	12♎19	0° 9	13°39	5°18	20°52	26° 2	19°56	10°27	11° 0	5°22	6°58	4°54	27°38	W18
T 19	15 49 42	29°10'51	26°58	29♉28	14°45	5°40	20°45	26° 0	19°54	10°29	11° 1	5°16	6°55	5° 1	27°41	T 19
F 20	15 53 39	0♊ 9'25	11♏58	28°47	15°52	6° 2	20°38	25°59	19°53	10°30	11° 2	5°11	6°52	5° 8	27°45	F 20
S 21	15 57 36	1° 7'57	27°11	28° 6	16°59	6°25	20°32	25°57	19°52	10°32	11° 2	5° 7	6°49	5°14	27°48	S 21
S 22	16 1 32	2° 6'27	12♐26	27°26	18° 5	6°48	20°25	25°56	19°51	10°34	11° 3	5° 4	6°46	5°21	27°51	S 22
M23	16 5 29	3° 4'55	27°34	26°47	19°12	7°11	20°18	25°54	19°49	10°35	11° 4	5° 2	6°42	5°28	27°54	M23
T 24	16 9 25	4° 3'22	12♑25	26°11	20°20	7°34	20°11	25°52	19°48	10°37	11° 4	5°D 2	6°39	5°34	27°57	T 24
W25	16 13 22	5° 1'47	26°54	25°37	21°27	7°58	20° 4	25°50	19°46	10°38	11° 5	5° 3	6°36	5°41	28° 0	W25
T 26	16 17 18	6° 0'10	10♒57	25° 6	22°34	8°22	19°57	25°48	19°45	10°40	11° 6	5° 5	6°33	5°48	28° 3	T 26
F 27	16 21 15	6°58'32	24°35	24°40	23°42	8°46	19°49	25°46	19°43	10°41	11° 7	5° 6	6°30	5°54	28° 6	F 27
S 28	16 25 12	7°56'52	7♓47	24°17	24°50	9°11	19°42	25°44	19°42	10°43	11° 8	5°R 6	6°26	6° 1	28° 9	S 28
S 29	16 29 8	8°55'11	20°38	23°58	25°58	9°36	19°35	25°42	19°40	10°44	11° 8	5° 6	6°23	6° 8	28°12	S 29
M30	16 33 5	9°53'29	3♈10	23°44	27° 6	10° 1	19°27	25°39	19°38	10°45	11° 9	5° 4	6°20	6°14	28°14	M30
T 31	16 37 1	10♊51'45	15♈27	23♉34	28♈14	10♍26	19♐20	25♑37	19♑37	10♈47	11♌10	5♑ 1	6♑17	6♊21	28♈17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 9	3s 5	4n37	22n44	2n45	1s48	0n 4	13n42	2n28	22s 3	0n57	19s59	0n45	22s 3	0s20	3n 0	0s59	17n 9	0s12	23s 4	23s 0	23n28	11n 7	0n59
M 2	15 27	2n 5	4 58	22 59	2 50	1 28	0s 2	13 35	2 26	22 3	0 57	19 59	0 45	22 3	0 20	3 0	0 59	17 9	0 12	23 4	23 0	23 28	11 8	0 59
T 3	15 45	7 5	5 6	23 11	2 53	1 8	0 7	13 27	2 24	22 3	0 57	19 59	0 45	22 4	0 20	3 1	0 59	17 9	0 12	23 5	23 0	23 29	11 10	0 59
W 4	16 2	11 45	4 59	23 21	2 56	0 48	0 12	13 20	2 22	22 3	0 57	19 59	0 45	22 4	0 20	3 2	0 59	17 9	0 12	23 5	23 0	23 30	11 11	0 59
T 5	16 19	15 53	4 39	23 28	2 57	0 27	0 17	13 12	2 20	22 2	0 57	19 59	0 45	22 4	0 20	3 3	0 59	17 9	0 12	23 6	23 0	23 30	11 12	0 59
F 6	16 36	19 21	4 6	23 32	2 57	0 7	0 22	13 4	2 18	22 2	0 57	19 59	0 45	22 4	0 20	3 3	0 59	17 9	0 12	23 6	23 1	23 31	11 13	0 59
S 7	16 53	21 58	3 23	23 33	2 55	0n14	0 27	12 56	2 16	22 2	0 57	19 59	0 45	22 4	0 20	3 4	0 59	17 9	0 12	23 6	23 1	23 31	11 14	0 59
S 8	17 9	23 38	2 32	23 32	2 53	0 35	0 32	12 48	2 15	22 1	0 58	19 59	0 45	22 4	0 20	3 5	0 59	17 9	0 12	23 7	23 1	23 32	11 15	0 59
M 9	17 25	24 14	1 33	23 28	2 48	0 56	0 37	12 39	2 13	22 1	0 58	19 59	0 45	22 4	0 20	3 5	0 59	17 9	0 11	23 7	23 1	23 32	11 17	0 58
T 10	17 41	23 44	0 31	23 22	2 43	1 18	0 41	12 31	2 11	22 0	0 58	19 59	0 45	22 4	0 20	3 6	0 59	17 9	0 11	23 7	23 1	23 33	11 18	0 58
W11	17 56	22 10	0s33	23 13	2 35	1 39	0 45	12 22	2 9	22 0	0 58	19 59	0 45	22 5	0 20	3 7	0 59	17 9	0 11	23 7	23 1	23 33	11 19	0 58
T 12	18 11	19 35	1 37	23 1	2 27	2 1	0 50	12 13	2 7	22 0	0 58	19 59	0 45	22 5	0 20	3 8	0 59	17 9	0 11	23 7	23 2	23 34	11 20	0 58
F 13	18 26	16 6	2 37	22 47	2 17	2 23	0 54	12 5	2 6	21 59	0 58	20 0	0 45	22 5	0 20	3 8	0 59	17 9	0 11	23 7	23 2	23 34	11 21	0 58
S 14	18 41	11 51	3 32	22 31	2 6	2 45	0 58	11 56	2 4	21 59	0 58	20 0	0 45	22 5	0 20	3 9	0 59	17 9	0 11	23 7	23 2	23 35	11 22	0 58
S 15	18 55	6 58	4 17	22 13	1 53	3 6	1 2	11 46	2 2	21 59	0 58	20 0	0 45	22 5	0 20	3 10	0 59	17 9	0 11	23 7	23 2	23 35	11 23	0 58
M16	19 8	1 37	4 50	21 53	1 39	3 29	1 6	11 37	2 1	21 58	0 58	20 0	0 45	22 5	0 20	3 10	0 59	17 8	0 11	23 7	23 2	23 36	11 24	0 58
T 17	19 22	3s59	5 9	21 31	1 24	3 51	1 9	11 28	1 59	21 58	0 58	20 0	0 45	22 6	0 20	3 11	0 59	17 8	0 11	23 7	23 2	23 36	11 26	0 58
W18	19 35	9 34	5 9	21 7	1 9	4 13	1 13	11 18	1 57	21 57	0 58	20 1	0 45	22 6	0 20	3 11	0 59	17 8	0 11	23 7	23 3	23 37	11 27	0 58
T 19	19 48	14 48	4 49	20 43	0 52	4 35	1 16	11 9	1 56	21 57	0 58	20 1	0 45	22 6	0 20	3 12	0 59	17 8	0 11	23 7	23 3	23 37	11 28	0 58
F 20	20 0	19 15	4 10	20 17	0 36	4 58	1 20	10 59	1 54	21 56	0 58	20 1	0 45	22 6	0 20	3 13	0 59	17 8	0 11	23 7	23 3	23 38	11 29	0 58
S 21	20 12	22 28	3 12	19 51	0 18	5 20	1 23	10 49	1 52	21 56	0 58	20 1	0 45	22 6	0 20	3 13	0 59	17 8	0 11	23 8	23 3	23 38	11 30	0 58
S 22	20 24	24 4	2 0	19 25	0 1	5 42	1 26	10 39	1 51	21 56	0 58	20 2	0 45	22 7	0 20	3 14	0 59	17 8	0 11	23 8	23 3	23 39	11 31	0 58
M23	20 35	23 53	0 41	19 0	0s17	6 5	1 29	10 29	1 49	21 55	0 58	20 2	0 45	22 7	0 20	3 14	1 0	17 8	0 11	23 8	23 3	23 39	11 32	0 58
T 24	20 46	21 59	0n40	18 34	0 34	6 27	1 32	10 19	1 48	21 55	0 58	20 2	0 45	22 7	0 20	3 15	1 0	17 8	0 11	23 8	23 4	23 40	11 33	0 58
W25	20 57	18 40	1 57	18 10	0 51	6 49	1 35	10 9	1 46	21 54	0 57	20 3	0 45	22 7	0 20	3 16	1 0	17 7	0 10	23 8	23 4	23 40	11 34	0 58
T 26	21 7	14 22	3 4	17 47	1 8	7 12	1 37	9 59	1 45	21 54	0 57	20 3	0 45	22 8	0 21	3 16	1 0	17 7	0 10	23 8	23 4	23 41	11 35	0 58
F 27	21 17	9 27	3 59	17 25	1 24	7 34	1 40	9 48	1 43	21 53	0 57	20 4	0 45	22 8	0 21	3 17	1 0	17 7	0 10	23 8	23 4	23 41	11 36	0 58
S 28	21 26	4 15	4 39	17 4	1 39	7 56	1 42	9 38	1 42	21 53	0 57	20 4	0 45	22 8	0 21	3 17	1 0	17 7	0 10	23 8	23 4	23 41	11 37	0 58
S 29	21 35	0n59	5 4	16 46	1 54	8 19	1 45	9 27	1 40	21 52	0 57	20 4	0 45	22 8	0 21	3 18	1 0	17 7	0 10	23 8	23 4	23 42	11 38	0 58
M30	21 44	6 3	5 14	16 29	2 7	8 41	1 47	9 16	1 39	21 52	0 57	20 5	0 45	22 9	0 21	3 18	1 0	17 7	0 10	23 8	23 5	23 42	11 39	0 58
T 31	21n52	10n47	5n 9	16n14	2s20	9n 3	1s49	9n 6	1n37	21s51	0n57	20s 5	0n45	22s 9	0s21	3n19	1s 0	17n 6	0s10	23s 8	23s 5	23n43	11n40	0n57

Julian Day Number = 3060524.5, Delta T = 02h31m17s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'55, Lahiri = 47°13'55

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

JUNE 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 40 58	11♊50'00	27♈33	23°R29	29♈22	10♍51	19°R12	25°R34	19°R35	10♈48	11♌11	4°R58	6♉14	6♊28	28♈20	W 1
T 2	16 44 54	12°48'13	9♉30	23°D29	0♉30	11°17	19♐ 5	25♉32	19♉33	10°49	11°12	4♉54	6°11	6°34	28°23	T 2
F 3	16 48 51	13°46'25	21°22	23♉34	1°38	11°43	18°57	25°29	19°31	10°51	11°13	4°51	6° 7	6°41	28°26	F 3
S 4	16 52 47	14°44'35	3♊11	23°43	2°47	12° 9	18°50	25°26	19°29	10°52	11°14	4°48	6° 4	6°48	28°28	S 4
S 5	16 56 44	15°42'44	14°59	23°57	3°55	12°36	18°42	25°24	19°28	10°53	11°15	4°46	6° 1	6°54	28°31	S 5
M 6	17 0 41	16°40'52	26°48	24°16	5° 4	13° 2	18°34	25°21	19°26	10°54	11°16	4°44	5°58	7° 1	28°34	M 6
T 7	17 4 37	17°38'57	8♋41	24°39	6°13	13°29	18°27	25°18	19°24	10°56	11°17	4°D44	5°55	7° 8	28°36	T 7
W 8	17 8 34	18°37'01	20°40	25° 6	7°22	13°56	18°19	25°15	19°22	10°57	11°18	4°45	5°52	7°14	28°39	W 8
T 9	17 12 30	19°35'04	2♌46	25°37	8°31	14°23	18°11	25°12	19°20	10°58	11°19	4°46	5°48	7°21	28°41	T 9
F 10	17 16 27	20°33'04	15° 5	26°12	9°40	14°51	18° 4	25° 8	19°18	10°59	11°20	4°47	5°45	7°28	28°44	F 10
S 11	17 20 23	21°31'03	27°38	26°51	10°49	15°18	17°56	25° 5	19°16	11° 0	11°21	4°48	5°42	7°34	28°46	S 11
S 12	17 24 20	22°29'01	10♍29	27°34	11°58	15°46	17°49	25° 2	19°14	11° 1	11°22	4°49	5°39	7°41	28°49	S 12
M13	17 28 16	23°26'56	23°42	28°21	13° 7	16°14	17°41	24°58	19°11	11° 2	11°23	4°R49	5°36	7°48	28°51	M13
T 14	17 32 13	24°24'50	7♎18	29°11	14°16	16°42	17°33	24°55	19° 9	11° 3	11°24	4°49	5°32	7°54	28°53	T 14
W15	17 36 10	25°22'42	21°20	0♊ 4	15°26	17°11	17°26	24°51	19° 7	11° 4	11°25	4°49	5°29	8° 1	28°56	W15
T 16	17 40 6	26°20'32	5♏45	1° 1	16°35	17°39	17°18	24°48	19° 5	11° 5	11°26	4°48	5°26	8° 8	28°58	T 16
F 17	17 44 3	27°18'21	20°31	2° 1	17°45	18° 8	17°11	24°44	19° 3	11° 6	11°28	4°47	5°23	8°14	29° 0	F 17
S 18	17 47 59	28°16'09	5♐31	3° 4	18°54	18°37	17° 4	24°41	19° 0	11° 6	11°29	4°46	5°20	8°21	29° 2	S 18
S 19	17 51 56	29°13'55	20°40	4°10	20° 4	19° 6	16°56	24°37	18°58	11° 7	11°30	4°46	5°17	8°28	29° 4	S 19
M20	17 55 52	0♋11'40	5♑46	5°19	21°13	19°35	16°49	24°33	18°56	11° 8	11°31	4°D46	5°13	8°34	29° 7	M20
T 21	17 59 49	1° 9'23	20°41	6°31	22°23	20° 4	16°42	24°29	18°54	11° 9	11°32	4°46	5°10	8°41	29° 9	T 21
W22	18 3 46	2° 7'06	5♒17	7°45	23°33	20°34	16°34	24°25	18°51	11° 9	11°34	4°46	5° 7	8°48	29°11	W22
T 23	18 7 42	3° 4'47	19°30	9° 3	24°43	21° 4	16°27	24°21	18°49	11°10	11°35	4°46	5° 4	8°54	29°13	T 23
F 24	18 11 39	4° 2'27	3♓17	10°23	25°53	21°33	16°20	24°17	18°47	11°11	11°36	4°46	5° 1	9° 1	29°14	F 24
S 25	18 15 35	5° 0'06	16°37	11°46	27° 3	22° 3	16°13	24°13	18°44	11°11	11°37	4°R46	4°58	9° 8	29°16	S 25
S 26	18 19 32	5°57'45	29°32	13°11	28°13	22°33	16° 7	24° 9	18°42	11°12	11°39	4°D46	4°54	9°14	29°18	S 26
M27	18 23 28	6°55'23	12♈ 6	14°39	29°23	23° 4	16° 0	24° 5	18°40	11°13	11°40	4°46	4°51	9°21	29°20	M27
T 28	18 27 25	7°52'59	24°22	16°10	0♊33	23°34	15°53	24° 1	18°37	11°13	11°41	4°46	4°48	9°27	29°22	T 28
W29	18 31 21	8°50'36	6♉25	17°44	1°44	24° 5	15°47	23°57	18°35	11°14	11°43	4°47	4°45	9°34	29°23	W29
T 30	18 35 18	9♋48'11	18♉18	19♊19	2♊54	24♍35	15♐40	23♉53	18♉32	11♈14	11♌44	4♉47	4♉42	9♊41	29♈25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 0	15n 1	4n50	16n 2	2s32	9n25	1s51	8n55	1n36	21s50	0n57	20s 6	0n45	22s 9	0s21	3n19	1s 0	17n 6	0s10	23s 8	23s 5	23n43	11n41	0n57
T 2	22 8	18 37	4 19	15 51	2 42	9 47	1 53	8 44	1 34	21 50	0 57	20 6	0 45	22 9	0 21	3 20	1 0	17 6	0 10	23 8	23 5	23 43	11 42	0 57
F 3	22 15	21 26	3 37	15 43	2 52	10 9	1 55	8 33	1 33	21 49	0 57	20 7	0 45	22 10	0 21	3 20	1 0	17 6	0 10	23 8	23 5	23 44	11 43	0 57
S 4	22 22	23 19	2 45	15 37	3 1	10 30	1 56	8 21	1 32	21 49	0 57	20 7	0 45	22 10	0 21	3 21	1 0	17 6	0 10	23 8	23 5	23 44	11 44	0 57
S 5	22 28	24 10	1 47	15 32	3 9	10 52	1 58	8 10	1 30	21 48	0 57	20 8	0 45	22 10	0 21	3 21	1 0	17 6	0 10	23 8	23 5	23 44	11 45	0 57
M 6	22 34	23 55	0 44	15 30	3 16	11 13	1 59	7 59	1 29	21 48	0 57	20 8	0 45	22 10	0 21	3 21	1 0	17 5	0 10	23 8	23 6	23 45	11 46	0 57
T 7	22 39	22 35	0s22	15 30	3 22	11 34	2 1	7 47	1 28	21 47	0 57	20 9	0 45	22 11	0 21	3 22	1 0	17 5	0 10	23 8	23 6	23 45	11 46	0 57
W 8	22 45	20 13	1 27	15 31	3 27	11 55	2 2	7 36	1 26	21 47	0 57	20 10	0 45	22 11	0 21	3 22	1 0	17 5	0 10	23 8	23 6	23 46	11 47	0 57
T 9	22 49	16 57	2 29	15 35	3 31	12 16	2 3	7 24	1 25	21 46	0 57	20 10	0 45	22 11	0 21	3 23	1 0	17 5	0 9	23 8	23 6	23 46	11 48	0 57
F 10	22 54	12 53	3 25	15 40	3 34	12 37	2 4	7 12	1 24	21 45	0 56	20 11	0 45	22 12	0 21	3 23	1 0	17 4	0 9	23 8	23 6	23 46	11 49	0 57
S 11	22 57	8 13	4 13	15 46	3 36	12 57	2 5	7 1	1 22	21 45	0 56	20 11	0 45	22 12	0 21	3 23	1 0	17 4	0 9	23 8	23 6	23 47	11 50	0 57
S 12	23 1	3 6	4 49	15 54	3 38	13 18	2 5	6 49	1 21	21 44	0 56	20 12	0 45	22 12	0 21	3 24	1 0	17 4	0 9	23 8	23 6	23 47	11 51	0 57
M13	23 4	2s18	5 11	16 4	3 38	13 38	2 6	6 37	1 20	21 44	0 56	20 13	0 45	22 13	0 21	3 24	1 0	17 4	0 9	23 8	23 6	23 47	11 52	0 57
T 14	23 6	7 44	5 17	16 15	3 38	13 57	2 7	6 25	1 19	21 43	0 56	20 13	0 45	22 13	0 21	3 24	1 0	17 3	0 9	23 8	23 7	23 48	11 52	0 57
W15	23 9	12 57	5 4	16 27	3 37	14 17	2 7	6 13	1 17	21 43	0 56	20 14	0 45	22 13	0 21	3 25	1 0	17 3	0 9	23 8	23 7	23 48	11 53	0 57
T 16	23 10	17 36	4 32	16 40	3 35	14 36	2 8	6 0	1 16	21 42	0 56	20 15	0 45	22 14	0 21	3 25	1 0	17 3	0 9	23 8	23 7	23 48	11 54	0 57
F 17	23 12	21 17	3 42	16 54	3 33	14 55	2 8	5 48	1 15	21 41	0 56	20 15	0 45	22 14	0 21	3 25	1 0	17 3	0 9	23 8	23 7	23 48	11 55	0 57
S 18	23 13	23 35	2 35	17 9	3 30	15 14	2 8	5 36	1 14	21 41	0 56	20 16	0 45	22 14	0 21	3 26	1 1	17 2	0 9	23 8	23 7	23 49	11 55	0 57
S 19	23 13	24 11	1 18	17 25	3 26	15 32	2 8	5 23	1 12	21 40	0 55	20 17	0 44	22 15	0 21	3 26	1 1	17 2	0 9	23 8	23 7	23 49	11 56	0 57
M20	23 13	23 0	0n 6	17 41	3 22	15 50	2 8	5 11	1 11	21 40	0 55	20 17	0 44	22 15	0 21	3 26	1 1	17 2	0 9	23 8	23 7	23 49	11 57	0 57
T 21	23 13	20 13	1 27	17 58	3 17	16 8	2 8	4 58	1 10	21 39	0 55	20 18	0 44	22 15	0 21	3 26	1 1	17 2	0 9	23 8	23 7	23 49	11 57	0 57
W22	23 12	16 10	2 42	18 16	3 11	16 26	2 8	4 46	1 9	21 39	0 55	20 19	0 44	22 16	0 21	3 27	1 1	17 1	0 9	23 8	23 8	23 50	11 58	0 57
T 23	23 11	11 17	3 44	18 34	3 5	16 43	2 7	4 33	1 8	21 38	0 55	20 20	0 44	22 16	0 21	3 27	1 1	17 1	0 9	23 8	23 8	23 50	11 59	0 57
F 24	23 10	5 59	4 31	18 52	2 58	17 0	2 7	4 20	1 7	21 37	0 55	20 20	0 44	22 16	0 21	3 27	1 1	17 1	0 9	23 8	23 8	23 50	11 59	0 57
S 25	23 8	0 35	5 2	19 10	2 51	17 16	2 7	4 8	1 5	21 37	0 55	20 21	0 44	22 17	0 21	3 27	1 1	17 0	0 8	23 8	23 8	23 50	12 0	0 57
S 26	23 6	4n40	5 16	19 29	2 43	17 32	2 6	3 55	1 4	21 36	0 54	20 22	0 44	22 17	0 21	3 27	1 1	17 0	0 8	23 8	23 8	23 51	12 1	0 57
M27	23 3	9 35	5 15	19 47	2 35	17 48	2 5	3 42	1 3	21 36	0 54	20 23	0 44	22 17	0 21	3 28	1 1	17 0	0 8	23 8	23 8	23 51	12 1	0 57
T 28	23 0	14 0	4 59	20 5	2 26	18 3	2 5	3 29	1 2	21 35	0 54	20 23	0 44	22 18	0 21	3 28	1 1	17 0	0 8	23 8	23 8	23 51	12 2	0 57
W29	22 56	17 48	4 31	20 23	2 17	18 18	2 4	3 16	1 1	21 35	0 54	20 24	0 44	22 18	0 21	3 28	1 1	16 59	0 8	23 8	23 8	23 51	12 2	0 57
T 30	22n52	20n49	3n51	20n40	2s 8	18n32	2s 3	3n 3	1n 0	21s34	0n54	20s25	0n44	22s18	0s21	3n28	1s 1	16n59	0s 8	23s 8	23s 9	23n52	12n 3	0n57

Julian Day Number = 3060555.5, Delta T = 02h31m18s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°06'59, Lahiri = 47°13'59

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

JULY 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 39 15	10♋45'46	0♊ 7	20♊58	4♊ 4	25♍ 6	15°R34	23°R48	18°R30	11♈14	11♌45	4♑48	4♑38	9♊47	29♈27	F 1
S 2	18 43 11	11°43'20	11°55	22°39	5°15	25°37	15♐27	23♑44	18♑27	11°15	11°47	4°48	4°35	9°54	29°28	S 2
S 3	18 47 8	12°40'53	23°44	24°22	6°25	26° 8	15°21	23°40	18°25	11°15	11°48	4°49	4°32	10° 1	29°30	S 3
M 4	18 51 4	13°38'25	5♋38	26° 9	7°36	26°39	15°15	23°35	18°23	11°15	11°50	4°R49	4°29	10° 7	29°31	M 4
T 5	18 55 1	14°35'56	17°39	27°57	8°46	27°11	15° 9	23°31	18°20	11°16	11°51	4°49	4°26	10°14	29°33	T 5
W 6	18 58 57	15°33'27	29°49	29°48	9°57	27°42	15° 4	23°27	18°18	11°16	11°52	4°48	4°23	10°21	29°34	W 6
T 7	19 2 54	16°30'56	12♌10	1♋42	11° 8	28°14	14°58	23°22	18°15	11°16	11°54	4°47	4°19	10°27	29°35	T 7
F 8	19 6 50	17°28'25	24°42	3°38	12°18	28°46	14°52	23°18	18°13	11°16	11°55	4°45	4°16	10°34	29°37	F 8
S 9	19 10 47	18°25'53	7♍29	5°36	13°29	29°17	14°47	23°13	18°10	11°17	11°57	4°43	4°13	10°41	29°38	S 9
S 10	19 14 44	19°23'19	20°30	7°36	14°40	29°49	14°42	23° 9	18° 8	11°17	11°58	4°42	4°10	10°47	29°39	S 10
M11	19 18 40	20°20'45	3♎48	9°39	15°51	0♎21	14°37	23° 5	18° 5	11°17	12° 0	4°40	4° 7	10°54	29°40	M11
T 12	19 22 37	21°18'10	17°23	11°43	17° 2	0°54	14°32	23° 0	18° 3	11°17	12° 1	4°D40	4° 4	11° 1	29°41	T 12
W13	19 26 33	22°15'33	1♏16	13°49	18°13	1°26	14°27	22°56	18° 0	11°R17	12° 3	4°40	4° 0	11° 7	29°42	W13
T 14	19 30 30	23°12'56	15°27	15°57	19°24	1°58	14°22	22°51	17°58	11°17	12° 4	4°41	3°57	11°14	29°43	T 14
F 15	19 34 26	24°10'18	29°55	18° 6	20°35	2°31	14°18	22°47	17°55	11°17	12° 6	4°42	3°54	11°21	29°44	F 15
S 16	19 38 23	25° 7'40	14♐35	20°16	21°46	3° 4	14°14	22°42	17°53	11°17	12° 7	4°43	3°51	11°27	29°45	S 16
S 17	19 42 19	26° 5'00	29°22	22°27	22°57	3°36	14° 9	22°38	17°51	11°17	12° 9	4°R44	3°48	11°34	29°46	S 17
M18	19 46 16	27° 2'20	14♑12	24°38	24° 8	4° 9	14° 5	22°33	17°48	11°17	12°10	4°44	3°44	11°41	29°46	M18
T 19	19 50 13	27°59'40	28°56	26°50	25°19	4°42	14° 2	22°29	17°46	11°16	12°12	4°42	3°41	11°47	29°47	T 19
W20	19 54 9	28°56'59	13♒27	29° 2	26°30	5°15	13°58	22°25	17°43	11°16	12°13	4°40	3°38	11°54	29°48	W20
T 21	19 58 6	29°54'17	27°39	1♌13	27°42	5°48	13°54	22°20	17°41	11°16	12°15	4°37	3°35	12° 1	29°48	T 21
F 22	20 2 2	0♌51'35	11♓28	3°24	28°53	6°22	13°51	22°16	17°39	11°16	12°16	4°33	3°32	12° 7	29°49	F 22
S 23	20 5 59	1°48'53	24°52	5°34	0♋ 4	6°55	13°48	22°12	17°36	11°15	12°18	4°29	3°29	12°14	29°50	S 23
S 24	20 9 55	2°46'11	7♈51	7°43	1°16	7°28	13°45	22° 7	17°34	11°15	12°19	4°26	3°25	12°21	29°50	S 24
M25	20 13 52	3°43'29	20°28	9°51	2°27	8° 2	13°42	22° 3	17°31	11°15	12°21	4°24	3°22	12°27	29°50	M25
T 26	20 17 49	4°40'47	2♉46	11°58	3°39	8°36	13°39	21°59	17°29	11°14	12°23	4°D23	3°19	12°34	29°51	T 26
W27	20 21 45	5°38'05	14°49	14° 3	4°50	9° 9	13°37	21°54	17°27	11°14	12°24	4°24	3°16	12°41	29°51	W27
T 28	20 25 42	6°35'23	26°42	16° 6	6° 2	9°43	13°34	21°50	17°25	11°13	12°26	4°25	3°13	12°47	29°51	T 28
F 29	20 29 38	7°32'41	8♊31	18° 8	7°14	10°17	13°32	21°46	17°22	11°13	12°27	4°27	3°10	12°54	29°51	F 29
S 30	20 33 35	8°29'59	20°19	20° 8	8°25	10°51	13°30	21°42	17°20	11°12	12°29	4°28	3° 6	13° 0	29°52	S 30
S 31	20 37 31	9♌27'18	2♋12	22♌ 6	9♋37	11♎26	13♐29	21♑38	17♑18	11♈12	12♌30	4°R29	3♑ 3	13♊ 7	29♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n48	22n57	3n 1	20n57	1s58	18n46	2s 2	2n50	0n59	21s34	0n54	20s26	0n44	22s19	0s21	3n28	1s 1	16n59	0s 8	23s 8	23s 9	23n52	12n 4	0n57
S 2	22 43	24 4	2 4	21 14	1 48	19 0	2 1	2 37	0 58	21 33	0 53	20 27	0 44	22 19	0 21	3 28	1 1	16 58	0 8	23 8	23 9	23 52	12 4	0 57
S 3	22 38	24 6	1 1	21 29	1 38	19 13	2 0	2 23	0 57	21 33	0 53	20 27	0 44	22 19	0 21	3 28	1 1	16 58	0 8	23 8	23 9	23 52	12 5	0 56
M 4	22 32	23 2	0s 5	21 43	1 27	19 26	1 59	2 10	0 56	21 32	0 53	20 28	0 44	22 20	0 21	3 29	1 1	16 58	0 8	23 8	23 9	23 52	12 5	0 56
T 5	22 26	20 54	1 11	21 57	1 16	19 38	1 57	1 57	0 55	21 32	0 53	20 29	0 44	22 20	0 21	3 29	1 1	16 57	0 8	23 8	23 9	23 53	12 6	0 56
W 6	22 20	17 49	2 14	22 9	1 5	19 50	1 56	1 44	0 54	21 31	0 53	20 30	0 44	22 20	0 21	3 29	1 1	16 57	0 8	23 8	23 9	23 53	12 6	0 56
T 7	22 13	13 55	3 13	22 19	0 54	20 1	1 54	1 30	0 53	21 31	0 52	20 31	0 43	22 21	0 21	3 29	1 1	16 57	0 8	23 8	23 9	23 53	12 6	0 56
F 8	22 6	9 21	4 3	22 28	0 42	20 12	1 53	1 17	0 51	21 31	0 52	20 31	0 43	22 21	0 21	3 29	1 1	16 56	0 8	23 8	23 9	23 53	12 7	0 56
S 9	21 58	4 19	4 41	22 35	0 31	20 22	1 51	1 3	0 50	21 30	0 52	20 32	0 43	22 21	0 21	3 29	1 1	16 56	0 8	23 8	23 10	23 53	12 7	0 56
S 10	21 50	0s59	5 7	22 41	0 20	20 32	1 50	0 50	0 49	21 30	0 52	20 33	0 43	22 22	0 21	3 29	1 1	16 56	0 8	23 9	23 10	23 53	12 8	0 56
M11	21 42	6 20	5 16	22 44	0 9	20 41	1 48	0 36	0 48	21 29	0 52	20 34	0 43	22 22	0 21	3 29	1 1	16 55	0 7	23 9	23 10	23 53	12 8	0 56
T 12	21 33	11 31	5 9	22 45	0n 2	20 50	1 46	0 22	0 47	21 29	0 51	20 35	0 43	22 22	0 21	3 29	1 2	16 55	0 7	23 9	23 10	23 54	12 8	0 56
W13	21 24	16 14	4 43	22 44	0 13	20 58	1 44	0 9	0 46	21 29	0 51	20 35	0 43	22 23	0 21	3 29	1 2	16 55	0 7	23 9	23 10	23 54	12 9	0 56
T 14	21 15	20 9	4 0	22 40	0 24	21 6	1 43	0s 5	0 45	21 28	0 51	20 36	0 43	22 23	0 21	3 29	1 2	16 54	0 7	23 9	23 10	23 54	12 9	0 56
F 15	21 5	22 54	3 1	22 34	0 34	21 13	1 41	0 19	0 45	21 28	0 51	20 37	0 43	22 23	0 21	3 29	1 2	16 54	0 7	23 9	23 10	23 54	12 9	0 56
S 16	20 55	24 9	1 49	22 26	0 44	21 20	1 39	0 32	0 44	21 28	0 51	20 38	0 43	22 24	0 21	3 29	1 2	16 54	0 7	23 9	23 10	23 54	12 10	0 56
S 17	20 45	23 43	0 30	22 15	0 53	21 26	1 37	0 46	0 43	21 27	0 50	20 39	0 43	22 24	0 21	3 28	1 2	16 53	0 7	23 8	23 10	23 54	12 10	0 56
M18	20 34	21 37	0n52	22 1	1 1	21 31	1 34	1 0	0 42	21 27	0 50	20 39	0 43	22 24	0 21	3 28	1 2	16 53	0 7	23 8	23 10	23 54	12 10	0 56
T 19	20 23	18 5	2 9	21 44	1 9	21 36	1 32	1 14	0 41	21 27	0 50	20 40	0 42	22 25	0 21	3 28	1 2	16 52	0 7	23 9	23 10	23 54	12 10	0 56
W20	20 11	13 29	3 17	21 25	1 17	21 41	1 30	1 28	0 40	21 27	0 50	20 41	0 42	22 25	0 21	3 28	1 2	16 52	0 7	23 9	23 11	23 54	12 11	0 56
T 21	19 59	8 15	4 11	21 4	1 24	21 45	1 28	1 41	0 39	21 27	0 50	20 42	0 42	22 25	0 21	3 28	1 2	16 52	0 7	23 9	23 11	23 54	12 11	0 56
F 22	19 47	2 44	4 49	20 40	1 29	21 48	1 25	1 55	0 38	21 26	0 49	20 43	0 42	22 26	0 21	3 28	1 2	16 51	0 7	23 9	23 11	23 55	12 11	0 56
S 23	19 35	2n43	5 9	20 14	1 35	21 50	1 23	2 9	0 37	21 26	0 49	20 43	0 42	22 26	0 21	3 28	1 2	16 51	0 7	23 9	23 11	23 55	12 11	0 56
S 24	19 22	7 53	5 13	19 46	1 39	21 52	1 21	2 23	0 36	21 26	0 49	20 44	0 42	22 26	0 21	3 28	1 2	16 51	0 7	23 9	23 11	23 55	12 11	0 56
M25	19 9	12 35	5 2	19 16	1 43	21 54	1 18	2 37	0 35	21 26	0 49	20 45	0 42	22 26	0 21	3 27	1 2	16 50	0 7	23 9	23 11	23 55	12 11	0 56
T 26	18 55	16 39	4 36	18 45	1 46	21 55	1 16	2 51	0 34	21 26	0 49	20 46	0 42	22 27	0 21	3 27	1 2	16 50	0 7	23 9	23 11	23 55	12 11	0 56
W27	18 42	19 57	3 59	18 11	1 48	21 55	1 13	3 5	0 33	21 26	0 48	20 47	0 42	22 27	0 21	3 27	1 2	16 50	0 7	23 9	23 11	23 55	12 12	0 56
T 28	18 28	22 22	3 12	17 36	1 49	21 55	1 11	3 19	0 32	21 26	0 48	20 47	0 42	22 27	0 21	3 27	1 2	16 49	0 6	23 9	23 11	23 55	12 12	0 56
F 29	18 13	23 47	2 17	17 0	1 50	21 54	1 8	3 33	0 32	21 26	0 48	20 48	0 41	22 28	0 21	3 27	1 2	16 49	0 6	23 9	23 11	23 55	12 12	0 56
S 30	17 59	24 9	1 17	16 23	1 50	21 52	1 6	3 47	0 31	21 26	0 48	20 49	0 41	22 28	0 21	3 26	1 2	16 48	0 6	23 9	23 11	23 55	12 12	0 56
S 31	17n44	23n25	0n13	15n44	1n49	21n50	1s 3	4s 1	0n30	21s26	0n48	20s50	0n41	22s28	0s21	3n26	1s 2	16n48	0s 6	23s 9	23s11	23n55	12n12	0n56

Julian Day Number = 3060585.5, Delta T = 02h31m18s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'03, Lahiri = 47°14'04

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

AUGUST 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 41 28	10♌24'36	14♋12	24♌ 2	10♋49	12♎ 0	13°R27	21°R33	17°R16	11°R11	12♌32	4°R29	3♑ 0	13♊14	29°R52	M 1
T 2	20 45 24	11°21'55	26°24	25°56	12° 1	12°34	13♐25	21♑29	17♑13	11♈11	12°33	4♑27	2°57	13°20	29♈52	T 2
W 3	20 49 21	12°19'13	8♌48	27°48	13°13	13° 9	13°24	21°25	17°11	11°10	12°35	4°23	2°54	13°27	29°52	W 3
T 4	20 53 18	13°16'32	21°26	29°38	14°24	13°43	13°23	21°21	17° 9	11° 9	12°37	4°17	2°50	13°34	29°52	T 4
F 5	20 57 14	14°13'50	4♍19	1♍27	15°36	14°18	13°22	21°18	17° 7	11° 9	12°38	4°11	2°47	13°40	29°51	F 5
S 6	21 1 11	15°11'09	17°25	3°13	16°48	14°52	13°22	21°14	17° 5	11° 8	12°40	4° 4	2°44	13°47	29°51	S 6
S 7	21 5 7	16° 8'27	0♎45	4°57	18° 0	15°27	13°21	21°10	17° 3	11° 7	12°41	3°58	2°41	13°54	29°51	S 7
M 8	21 9 4	17° 5'45	14°18	6°39	19°12	16° 2	13°21	21° 6	17° 1	11° 6	12°43	3°52	2°38	14° 0	29°51	M 8
T 9	21 13 0	18° 3'03	28° 2	8°20	20°24	16°37	13°D21	21° 2	16°59	11° 6	12°44	3°49	2°35	14° 7	29°50	T 9
W10	21 16 57	19° 0'22	11♏56	9°58	21°37	17°12	13°21	20°59	16°57	11° 5	12°46	3°47	2°31	14°14	29°50	W10
T 11	21 20 53	19°57'40	26° 0	11°34	22°49	17°47	13°21	20°55	16°55	11° 4	12°48	3°D47	2°28	14°20	29°49	T 11
F 12	21 24 50	20°54'58	10♐13	13° 9	24° 1	18°22	13°21	20°51	16°53	11° 3	12°49	3°48	2°25	14°27	29°49	F 12
S 13	21 28 47	21°52'16	24°32	14°41	25°13	18°58	13°22	20°48	16°51	11° 2	12°51	3°49	2°22	14°34	29°48	S 13
S 14	21 32 43	22°49'35	8♑56	16°11	26°25	19°33	13°23	20°45	16°49	11° 1	12°52	3°R49	2°19	14°40	29°47	S 14
M15	21 36 40	23°46'53	23°21	17°40	27°38	20° 9	13°23	20°41	16°47	11° 0	12°54	3°48	2°16	14°47	29°47	M15
T 16	21 40 36	24°44'12	7♒43	19° 6	28°50	20°44	13°25	20°38	16°46	10°59	12°55	3°44	2°12	14°54	29°46	T 16
W17	21 44 33	25°41'30	21°55	20°30	0♌ 3	21°20	13°26	20°35	16°44	10°58	12°57	3°38	2° 9	15° 0	29°45	W17
T 18	21 48 29	26°38'50	5♓54	21°52	1°15	21°55	13°27	20°32	16°42	10°57	12°58	3°30	2° 6	15° 7	29°44	T 18
F 19	21 52 26	27°36'09	19°35	23°12	2°27	22°31	13°29	20°28	16°41	10°56	13° 0	3°22	2° 3	15°14	29°44	F 19
S 20	21 56 22	28°33'30	2♈54	24°30	3°40	23° 7	13°31	20°25	16°39	10°55	13° 1	3°13	2° 0	15°20	29°43	S 20
S 21	22 0 19	29°30'51	15°52	25°46	4°52	23°43	13°33	20°22	16°37	10°54	13° 3	3° 5	1°56	15°27	29°42	S 21
M22	22 4 16	0♍28'12	28°29	26°59	6° 5	24°19	13°35	20°20	16°36	10°53	13° 4	2°58	1°53	15°33	29°41	M22
T 23	22 8 12	1°25'35	10♉47	28°10	7°18	24°55	13°37	20°17	16°34	10°52	13° 6	2°54	1°50	15°40	29°39	T 23
W24	22 12 9	2°22'59	22°50	29°19	8°30	25°31	13°40	20°14	16°33	10°50	13° 8	2°52	1°47	15°47	29°38	W24
T 25	22 16 5	3°20'23	4♊44	0♎25	9°43	26° 8	13°43	20°11	16°31	10°49	13° 9	2°D51	1°44	15°53	29°37	T 25
F 26	22 20 2	4°17'49	16°33	1°29	10°56	26°44	13°45	20° 9	16°30	10°48	13°10	2°52	1°41	16° 0	29°36	F 26
S 27	22 23 58	5°15'15	28°23	2°30	12° 9	27°20	13°48	20° 6	16°29	10°47	13°12	2°R52	1°37	16° 7	29°35	S 27
S 28	22 27 55	6°12'43	10♋18	3°28	13°22	27°57	13°52	20° 4	16°27	10°45	13°13	2°52	1°34	16°13	29°33	S 28
M29	22 31 51	7°10'11	22°24	4°23	14°34	28°33	13°55	20° 2	16°26	10°44	13°15	2°50	1°31	16°20	29°32	M29
T 30	22 35 48	8° 7'40	4♌44	5°15	15°47	29°10	13°59	19°59	16°25	10°43	13°16	2°46	1°28	16°27	29°31	T 30
W31	22 39 45	9♍ 5'11	17♌22	6♎ 4	17♌ 0	29♎47	14♐ 2	19♑57	16♑24	10♈42	13♌18	2♑40	1♑25	16♊33	29♈29	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n28	21n36	0s53	15n 5	1n47	21n47	1s 0	4s15	0n29	21s26	0n47	20s50	0n41	22s29	0s21	3n26	1s 2	16n48	0s 6	23s 9	23s11	23n55	12n12	0n56
T 2	17 13	18 46	1 57	14 25	1 45	21 44	0 58	4 29	0 28	21 26	0 47	20 51	0 41	22 29	0 21	3 26	1 2	16 47	0 6	23 9	23 12	23 55	12 12	0 56
W 3	16 57	15 4	2 56	13 44	1 42	21 40	0 55	4 44	0 27	21 26	0 47	20 52	0 41	22 29	0 21	3 25	1 2	16 47	0 6	23 9	23 12	23 55	12 12	0 56
T 4	16 41	10 38	3 48	13 2	1 39	21 35	0 52	4 58	0 26	21 26	0 47	20 52	0 41	22 29	0 21	3 25	1 2	16 46	0 6	23 9	23 12	23 55	12 12	0 56
F 5	16 25	5 40	4 29	12 21	1 35	21 30	0 50	5 12	0 26	21 26	0 46	20 53	0 41	22 30	0 21	3 25	1 2	16 46	0 6	23 10	23 12	23 55	12 11	0 56
S 6	16 8	0 22	4 57	11 38	1 30	21 24	0 47	5 26	0 25	21 26	0 46	20 54	0 41	22 30	0 21	3 24	1 3	16 46	0 6	23 10	23 12	23 55	12 11	0 56
S 7	15 51	5s 2	5 9	10 56	1 25	21 18	0 44	5 40	0 24	21 26	0 46	20 55	0 41	22 30	0 21	3 24	1 3	16 45	0 6	23 10	23 12	23 55	12 11	0 56
M 8	15 34	10 16	5 4	10 13	1 19	21 11	0 41	5 54	0 23	21 26	0 46	20 55	0 40	22 30	0 21	3 24	1 3	16 45	0 6	23 10	23 12	23 55	12 11	0 56
T 9	15 17	15 4	4 42	9 31	1 13	21 3	0 39	6 8	0 22	21 27	0 46	20 56	0 40	22 31	0 21	3 23	1 3	16 45	0 6	23 10	23 12	23 55	12 11	0 56
W10	15 0	19 9	4 4	8 48	1 7	20 55	0 36	6 22	0 21	21 27	0 45	20 57	0 40	22 31	0 21	3 23	1 3	16 44	0 6	23 10	23 12	23 55	12 11	0 56
T 11	14 42	22 10	3 10	8 5	1 0	20 46	0 33	6 36	0 21	21 27	0 45	20 57	0 40	22 31	0 21	3 23	1 3	16 44	0 6	23 10	23 12	23 55	12 11	0 56
F 12	14 24	23 50	2 4	7 22	0 52	20 37	0 30	6 50	0 20	21 27	0 45	20 58	0 40	22 31	0 21	3 22	1 3	16 43	0 6	23 10	23 12	23 55	12 10	0 55
S 13	14 6	23 57	0 50	6 40	0 45	20 27	0 27	7 4	0 19	21 28	0 45	20 59	0 40	22 32	0 21	3 22	1 3	16 43	0 5	23 10	23 12	23 54	12 10	0 55
S 14	13 47	22 28	0n28	5 58	0 36	20 17	0 24	7 18	0 18	21 28	0 44	20 59	0 40	22 32	0 21	3 21	1 3	16 43	0 5	23 10	23 12	23 54	12 10	0 55
M15	13 28	19 32	1 43	5 16	0 28	20 6	0 22	7 32	0 17	21 28	0 44	21 0	0 40	22 32	0 21	3 21	1 3	16 42	0 5	23 10	23 12	23 54	12 10	0 55
T 16	13 10	15 24	2 52	4 34	0 19	19 54	0 19	7 46	0 17	21 29	0 44	21 0	0 39	22 32	0 21	3 21	1 3	16 42	0 5	23 10	23 12	23 54	12 9	0 55
W17	12 51	10 27	3 49	3 53	0 10	19 42	0 16	8 0	0 16	21 29	0 44	21 1	0 39	22 32	0 21	3 20	1 3	16 42	0 5	23 11	23 12	23 54	12 9	0 55
T 18	12 31	5 3	4 32	3 12	0 0	19 29	0 13	8 14	0 15	21 29	0 44	21 2	0 39	22 33	0 21	3 20	1 3	16 41	0 5	23 11	23 13	23 54	12 9	0 55
F 19	12 12	0n29	4 57	2 32	0s10	19 16	0 10	8 28	0 14	21 30	0 43	21 2	0 39	22 33	0 21	3 19	1 3	16 41	0 5	23 11	23 13	23 54	12 8	0 55
S 20	11 52	5 50	5 6	1 52	0 20	19 2	0 8	8 42	0 13	21 30	0 43	21 3	0 39	22 33	0 21	3 19	1 3	16 40	0 5	23 11	23 13	23 54	12 8	0 55
S 21	11 32	10 47	4 58	1 13	0 30	18 48	0 5	8 56	0 13	21 31	0 43	21 3	0 39	22 33	0 21	3 18	1 3	16 40	0 5	23 11	23 13	23 54	12 8	0 55
M22	11 12	15 9	4 36	0 34	0 40	18 33	0 2	9 10	0 12	21 31	0 43	21 4	0 39	22 33	0 21	3 18	1 3	16 40	0 5	23 12	23 13	23 54	12 7	0 55
T 23	10 52	18 46	4 2	0s 4	0 51	18 18	0n 1	9 24	0 11	21 32	0 42	21 4	0 39	22 34	0 21	3 17	1 3	16 39	0 5	23 12	23 13	23 53	12 7	0 55
W24	10 32	21 30	3 17	0 41	1 2	18 2	0 3	9 37	0 10	21 32	0 42	21 5	0 38	22 34	0 21	3 17	1 3	16 39	0 5	23 12	23 13	23 53	12 6	0 55
T 25	10 12	23 16	2 25	1 17	1 13	17 45	0 6	9 51	0 10	21 33	0 42	21 5	0 38	22 34	0 21	3 16	1 3	16 39	0 5	23 12	23 13	23 53	12 6	0 55
F 26	9 51	23 59	1 26	1 52	1 24	17 28	0 9	10 5	0 9	21 33	0 42	21 6	0 38	22 34	0 21	3 16	1 3	16 38	0 5	23 12	23 13	23 53	12 5	0 55
S 27	9 30	23 37	0 24	2 27	1 36	17 11	0 11	10 19	0 8	21 34	0 42	21 6	0 38	22 34	0 21	3 15	1 3	16 38	0 5	23 12	23 13	23 53	12 5	0 55
S 28	9 9	22 10	0s40	3 0	1 47	16 53	0 14	10 32	0 7	21 34	0 41	21 7	0 38	22 34	0 21	3 15	1 3	16 38	0 5	23 12	23 13	23 53	12 4	0 55
M29	8 48	19 42	1 42	3 32	1 58	16 35	0 17	10 46	0 7	21 35	0 41	21 7	0 38	22 35	0 21	3 14	1 3	16 37	0 5	23 12	23 13	23 52	12 4	0 55
T 30	8 27	16 18	2 41	4 4	2 10	16 16	0 19	10 59	0 6	21 36	0 41	21 8	0 38	22 35	0 21	3 14	1 3	16 37	0 4	23 12	23 13	23 52	12 3	0 55
W31	8n 6	12n 6	3s34	4s33	2s21	15n57	0n22	11s13	0n 5	21s36	0n41	21s 8	0n38	22s35	0s21	3n13	1s 3	16n36	0s 4	23s12	23s13	23n52	12n 3	0n55

Julian Day Number = 3060616.5, Delta T = 02h31m19s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'07, Lahiri = 47°14'08

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

SEPTEMBER 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 41	10♍ 2'42	0♍17	6♎50	18♌13	0♏24	14♐ 6	19°R55	16°R23	10°R40	13♌19	2°R31	1♑22	16♊40	29°R28	T 1
F 2	22 47 38	11° 0'14	13°32	7°32	19°26	1° 1	14°10	19♑53	16♑21	10♈39	13°21	2♑20	1°18	16°47	29♈26	F 2
S 3	22 51 34	11°57'47	27° 2	8°10	20°40	1°37	14°14	19°51	16°20	10°37	13°22	2° 9	1°15	16°53	29°24	S 3
S 4	22 55 31	12°55'21	10♎47	8°45	21°53	2°15	14°19	19°50	16°19	10°36	13°23	1°58	1°12	17° 0	29°23	S 4
M 5	22 59 27	13°52'56	24°43	9°15	23° 6	2°52	14°23	19°48	16°18	10°35	13°25	1°49	1° 9	17° 7	29°21	M 5
T 6	23 3 24	14°50'32	8♏45	9°42	24°19	3°29	14°28	19°46	16°17	10°33	13°26	1°42	1° 6	17°13	29°19	T 6
W 7	23 7 20	15°48'08	22°51	10° 3	25°32	4° 6	14°33	19°45	16°17	10°32	13°28	1°38	1° 2	17°20	29°18	W 7
T 8	23 11 17	16°45'45	6♐59	10°20	26°46	4°43	14°38	19°43	16°16	10°30	13°29	1°36	0°59	17°26	29°16	T 8
F 9	23 15 13	17°43'23	21° 7	10°32	27°59	5°21	14°43	19°42	16°15	10°29	13°30	1°D36	0°56	17°33	29°14	F 9
S 10	23 19 10	18°41'02	5♑13	10°39	29°12	5°58	14°48	19°41	16°14	10°27	13°32	1°R36	0°53	17°40	29°12	S 10
S 11	23 23 7	19°38'42	19°18	10°R41	0♍26	6°36	14°54	19°40	16°14	10°26	13°33	1°35	0°50	17°46	29°10	S 11
M12	23 27 3	20°36'22	3♒19	10°37	1°39	7°13	14°59	19°38	16°13	10°24	13°34	1°32	0°47	17°53	29° 8	M12
T 13	23 31 0	21°34'04	17°15	10°27	2°52	7°51	15° 5	19°37	16°12	10°23	13°36	1°27	0°43	18° 0	29° 6	T 13
W14	23 34 56	22°31'46	1♓ 3	10°12	4° 6	8°29	15°11	19°37	16°12	10°21	13°37	1°18	0°40	18° 6	29° 4	W14
T 15	23 38 53	23°29'29	14°40	9°51	5°19	9° 7	15°17	19°36	16°11	10°20	13°38	1° 8	0°37	18°13	29° 2	T 15
F 16	23 42 49	24°27'14	28° 3	9°24	6°33	9°45	15°23	19°35	16°11	10°18	13°39	0°55	0°34	18°20	29° 0	F 16
S 17	23 46 46	25°25'00	11♈ 9	8°52	7°46	10°23	15°30	19°35	16°11	10°16	13°41	0°43	0°31	18°26	28°58	S 17
S 18	23 50 42	26°22'47	23°58	8°15	9° 0	11° 1	15°36	19°34	16°10	10°15	13°42	0°31	0°27	18°33	28°56	S 18
M19	23 54 39	27°20'36	6♉28	7°33	10°14	11°39	15°43	19°34	16°10	10°13	13°43	0°22	0°24	18°40	28°54	M19
T 20	23 58 36	28°18'26	18°43	6°46	11°27	12°17	15°50	19°33	16°10	10°12	13°44	0°14	0°21	18°46	28°51	T 20
W21	0 2 32	29°16'18	0♊45	5°56	12°41	12°55	15°57	19°33	16°10	10°10	13°45	0°10	0°18	18°53	28°49	W21
T 22	0 6 29	0♎14'12	12°37	5° 4	13°55	13°34	16° 4	19°33	16°10	10° 8	13°47	0° 8	0°15	19° 0	28°47	T 22
F 23	0 10 25	1°12'07	24°26	4° 9	15° 9	14°12	16°11	19°D33	16° 9	10° 7	13°48	0° 7	0°12	19° 6	28°44	F 23
S 24	0 14 22	2°10'04	6♋15	3°13	16°23	14°50	16°18	19°33	16°D 9	10° 5	13°49	0° 7	0° 8	19°13	28°42	S 24
S 25	0 18 18	3° 8'03	18°11	2°18	17°36	15°29	16°26	19°33	16° 9	10° 4	13°50	0° 6	0° 5	19°19	28°40	S 25
M26	0 22 15	4° 6'04	0♌19	1°24	18°50	16° 8	16°33	19°34	16°10	10° 2	13°51	0° 4	0° 2	19°26	28°37	M26
T 27	0 26 11	5° 4'06	12°44	0°33	20° 4	16°46	16°41	19°34	16°10	10° 0	13°52	29♐59	29♐59	19°33	28°35	T 27
W28	0 30 8	6° 2'10	25°29	29♍46	21°18	17°25	16°49	19°35	16°10	9°59	13°53	29°53	29°56	19°39	28°32	W28
T 29	0 34 5	7° 0'15	8♍37	29° 3	22°32	18° 4	16°57	19°35	16°10	9°57	13°54	29°44	29°53	19°46	28°30	T 29
F 30	0 38 1	7♎58'22	22♍ 9	28♍27	23♍46	18♏43	17♐ 5	19♑36	16♑10	9♈55	13♌55	29♐32	29♐49	19♊53	28♈27	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n44	7n16	4s16	5s 2	2s33	15n37	0n24	11s26	0n 4	21s37	0n41	21s 9	0n37	22s35	0s21	3n13	1s 3	16n36	0s 4	23s12	23s13	23n52	12n 2	0n55
F 2	7 22	2 0	4 46	5 29	2 44	15 17	0 27	11 40	0 4	21 38	0 40	21 9	0 37	22 35	0 21	3 12	1 3	16 36	0 4	23 12	23 13	23 52	12 2	0 55
S 3	7 1	3s27	5 1	5 54	2 55	14 56	0 29	11 53	0 3	21 38	0 40	21 10	0 37	22 35	0 21	3 12	1 3	16 35	0 4	23 12	23 13	23 52	12 1	0 55
S 4	6 39	8 49	4 59	6 18	3 6	14 35	0 32	12 7	0 2	21 39	0 40	21 10	0 37	22 35	0 21	3 11	1 3	16 35	0 4	23 13	23 13	23 51	12 1	0 55
M 5	6 17	13 49	4 39	6 40	3 17	14 14	0 34	12 20	0 1	21 40	0 40	21 10	0 37	22 35	0 21	3 11	1 3	16 35	0 4	23 13	23 13	23 51	12 0	0 55
T 6	5 55	18 7	4 2	7 0	3 28	13 52	0 36	12 33	0 1	21 41	0 40	21 11	0 37	22 36	0 21	3 10	1 3	16 34	0 4	23 13	23 13	23 51	11 59	0 55
W 7	5 33	21 23	3 10	7 18	3 38	13 30	0 39	12 46	0 0	21 41	0 39	21 11	0 37	22 36	0 21	3 9	1 4	16 34	0 4	23 13	23 13	23 51	11 59	0 55
T 8	5 11	23 22	2 7	7 33	3 48	13 8	0 41	12 59	0s 1	21 42	0 39	21 11	0 36	22 36	0 21	3 9	1 4	16 34	0 4	23 13	23 13	23 50	11 58	0 55
F 9	4 49	23 51	0 55	7 47	3 57	12 45	0 43	13 13	0 1	21 43	0 39	21 12	0 36	22 36	0 21	3 8	1 4	16 33	0 4	23 13	23 13	23 50	11 57	0 54
S 10	4 26	22 48	0n19	7 57	4 6	12 22	0 45	13 26	0 2	21 44	0 39	21 12	0 36	22 36	0 21	3 8	1 4	16 33	0 4	23 13	23 13	23 50	11 57	0 54
S 11	4 4	20 20	1 32	8 5	4 14	11 58	0 48	13 38	0 3	21 44	0 39	21 12	0 36	22 36	0 21	3 7	1 4	16 33	0 4	23 13	23 13	23 50	11 56	0 54
M12	3 41	16 39	2 40	8 11	4 21	11 34	0 50	13 51	0 3	21 45	0 38	21 13	0 36	22 36	0 21	3 6	1 4	16 33	0 4	23 13	23 13	23 49	11 55	0 54
T 13	3 19	12 5	3 37	8 13	4 28	11 10	0 52	14 4	0 4	21 46	0 38	21 13	0 36	22 36	0 21	3 6	1 4	16 32	0 4	23 13	23 13	23 49	11 54	0 54
W14	2 56	6 56	4 20	8 12	4 33	10 45	0 54	14 17	0 5	21 47	0 38	21 13	0 36	22 36	0 21	3 5	1 4	16 32	0 4	23 13	23 13	23 49	11 54	0 54
T 15	2 34	1 32	4 48	8 7	4 37	10 21	0 56	14 29	0 5	21 48	0 38	21 13	0 36	22 36	0 21	3 5	1 4	16 32	0 4	23 13	23 13	23 49	11 53	0 54
F 16	2 11	3n50	5 0	7 59	4 40	9 55	0 58	14 42	0 6	21 49	0 38	21 14	0 35	22 36	0 21	3 4	1 4	16 31	0 3	23 13	23 13	23 48	11 52	0 54
S 17	1 48	8 55	4 56	7 48	4 41	9 30	1 0	14 55	0 7	21 49	0 37	21 14	0 35	22 36	0 21	3 3	1 4	16 31	0 3	23 13	23 13	23 48	11 51	0 54
S 18	1 26	13 30	4 36	7 33	4 41	9 4	1 1	15 7	0 7	21 50	0 37	21 14	0 35	22 36	0 21	3 3	1 4	16 31	0 3	23 13	23 13	23 48	11 50	0 54
M19	1 3	17 24	4 4	7 15	4 39	8 38	1 3	15 19	0 8	21 51	0 37	21 14	0 35	22 36	0 21	3 2	1 4	16 30	0 3	23 13	23 13	23 48	11 50	0 54
T 20	0 40	20 27	3 20	6 54	4 36	8 12	1 5	15 32	0 9	21 52	0 37	21 14	0 35	22 36	0 21	3 1	1 4	16 30	0 3	23 13	23 13	23 47	11 49	0 54
W21	0 17	22 33	2 29	6 29	4 30	7 46	1 6	15 44	0 9	21 53	0 37	21 14	0 35	22 36	0 21	3 1	1 4	16 30	0 3	23 13	23 13	23 47	11 48	0 54
T 22	0s 6	23 37	1 31	6 1	4 23	7 19	1 8	15 56	0 10	21 54	0 36	21 15	0 35	22 36	0 21	3 0	1 4	16 30	0 3	23 13	23 13	23 47	11 47	0 54
F 23	0 28	23 37	0 30	5 31	4 14	6 52	1 9	16 8	0 11	21 55	0 36	21 15	0 34	22 36	0 21	2 59	1 4	16 29	0 3	23 13	23 13	23 46	11 46	0 54
S 24	0 51	22 32	0s33	4 59	4 3	6 25	1 11	16 20	0 11	21 56	0 36	21 15	0 34	22 36	0 21	2 59	1 4	16 29	0 3	23 13	23 13	23 46	11 45	0 54
S 25	1 14	20 27	1 34	4 25	3 50	5 58	1 12	16 31	0 12	21 57	0 36	21 15	0 34	22 36	0 21	2 58	1 4	16 29	0 3	23 13	23 13	23 46	11 44	0 54
M26	1 37	17 25	2 33	3 51	3 35	5 31	1 14	16 43	0 13	21 58	0 36	21 15	0 34	22 36	0 21	2 58	1 4	16 29	0 3	23 13	23 14	23 45	11 44	0 54
T 27	2 0	13 33	3 25	3 16	3 19	5 3	1 15	16 55	0 13	21 58	0 36	21 15	0 34	22 36	0 21	2 57	1 4	16 28	0 3	23 14	23 14	23 45	11 43	0 54
W28	2 23	8 59	4 9	2 42	3 2	4 35	1 16	17 6	0 14	21 59	0 35	21 15	0 34	22 36	0 21	2 56	1 4	16 28	0 3	23 13	23 14	23 45	11 42	0 54
T 29	2 45	3 55	4 41	2 8	2 44	4 7	1 17	17 18	0 15	22 0	0 35	21 15	0 34	22 36	0 21	2 56	1 4	16 28	0 3	23 13	23 13	23 44	11 41	0 53
F 30	3s 8	1s29	4s59	1s37	2s25	3n39	1n18	17s29	0s15	22s 1	0n35	21s15	0n34	22s36	0s21	2n55	1s 4	16n28	0s 3	23s13	23s13	23n44	11n40	0n53

Julian Day Number = 3060647.5, Delta T = 02h31m20s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'12, Lahiri = 47°14'12

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

OCTOBER 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 41 58	8♎56'31	6♎ 1	27°R57	25♍ 0	19♏22	17♐13	19♑37	16♑11	9°R54	13♒56	29°R20	29♐46	19♊59	28°R25	S 1
S 2	0 45 54	9°54'42	20°11	27♍35	26°15	20° 1	17°21	19°37	16°11	9♈52	13°57	29♐ 9	29°43	20° 6	28♈22	S 2
M 3	0 49 51	10°52'54	4♏32	27°22	27°29	20°40	17°30	19°38	16°12	9°50	13°58	28°59	29°40	20°13	28°20	M 3
T 4	0 53 47	11°51'08	18°59	27°D16	28°43	21°19	17°38	19°39	16°12	9°49	13°59	28°52	29°37	20°19	28°17	T 4
W 5	0 57 44	12°49'23	3♐26	27°20	29°57	21°58	17°47	19°41	16°13	9°47	14° 0	28°47	29°33	20°26	28°15	W 5
T 6	1 1 40	13°47'39	17°49	27°33	1♎11	22°38	17°56	19°42	16°13	9°45	14° 1	28°45	29°30	20°33	28°12	T 6
F 7	1 5 37	14°45'57	2♑ 4	27°55	2°25	23°17	18° 5	19°43	16°14	9°44	14° 2	28°D45	29°27	20°39	28° 9	F 7
S 8	1 9 33	15°44'17	16° 9	28°25	3°40	23°56	18°14	19°45	16°15	9°42	14° 3	28°R45	29°24	20°46	28° 7	S 8
S 9	1 13 30	16°42'38	0♒ 4	29° 5	4°54	24°36	18°23	19°46	16°15	9°41	14° 3	28°45	29°21	20°53	28° 4	S 9
M10	1 17 27	17°41'00	13°50	29°52	6° 8	25°16	18°32	19°48	16°16	9°39	14° 4	28°42	29°18	20°59	28° 1	M10
T 11	1 21 23	18°39'24	27°25	0♎48	7°23	25°55	18°42	19°50	16°17	9°37	14° 5	28°37	29°14	21° 6	27°59	T 11
W12	1 25 20	19°37'49	10♓49	1°50	8°37	26°35	18°51	19°52	16°18	9°36	14° 6	28°29	29°11	21°12	27°56	W12
T 13	1 29 16	20°36'15	24° 2	3° 0	9°51	27°15	19° 1	19°53	16°19	9°34	14° 7	28°20	29° 8	21°19	27°53	T 13
F 14	1 33 13	21°34'44	7♈ 3	4°16	11° 6	27°55	19°10	19°56	16°20	9°32	14° 7	28° 8	29° 5	21°26	27°51	F 14
S 15	1 37 9	22°33'14	19°50	5°37	12°20	28°35	19°20	19°58	16°21	9°31	14° 8	27°57	29° 2	21°32	27°48	S 15
S 16	1 41 6	23°31'46	2♉24	7° 4	13°35	29°15	19°30	20° 0	16°22	9°29	14° 9	27°46	28°59	21°39	27°45	S 16
M17	1 45 2	24°30'20	14°44	8°35	14°49	29°55	19°40	20° 2	16°23	9°28	14° 9	27°37	28°55	21°46	27°43	M17
T 18	1 48 59	25°28'55	26°52	10°10	16° 4	0♐35	19°50	20° 5	16°24	9°26	14°10	27°30	28°52	21°52	27°40	T 18
W19	1 52 56	26°27'33	8♊49	11°48	17°18	1°15	20° 0	20° 7	16°26	9°25	14°11	27°26	28°49	21°59	27°37	W19
T 20	1 56 52	27°26'13	20°39	13°28	18°33	1°55	20°10	20°10	16°27	9°23	14°11	27°24	28°46	22° 6	27°34	T 20
F 21	2 0 49	28°24'55	2♋26	15°11	19°47	2°35	20°21	20°12	16°28	9°21	14°12	27°D24	28°43	22°12	27°32	F 21
S 22	2 4 45	29°23'39	14°14	16°56	21° 2	3°16	20°31	20°15	16°30	9°20	14°12	27°24	28°39	22°19	27°29	S 22
S 23	2 8 42	0♏22'25	26° 9	18°42	22°16	3°56	20°42	20°18	16°31	9°18	14°13	27°R25	28°36	22°26	27°26	S 23
M24	2 12 38	1°21'14	8♌16	20°29	23°31	4°37	20°52	20°21	16°33	9°17	14°14	27°25	28°33	22°32	27°23	M24
T 25	2 16 35	2°20'04	20°40	22°17	24°46	5°17	21° 3	20°24	16°34	9°15	14°14	27°23	28°30	22°39	27°21	T 25
W26	2 20 31	3°18'57	3♍26	24° 5	26° 0	5°58	21°14	20°27	16°36	9°14	14°15	27°19	28°27	22°45	27°18	W26
T 27	2 24 28	4°17'52	16°37	25°53	27°15	6°39	21°25	20°30	16°37	9°12	14°15	27°13	28°24	22°52	27°15	T 27
F 28	2 28 24	5°16'49	0♎15	27°41	28°30	7°20	21°36	20°34	16°39	9°11	14°15	27° 6	28°20	22°59	27°13	F 28
S 29	2 32 21	6°15'48	14°19	29°29	29°45	8° 1	21°47	20°37	16°41	9°10	14°16	26°57	28°17	23° 5	27°10	S 29
S 30	2 36 18	7°14'49	28°45	1♏17	0♏59	8°42	21°58	20°40	16°43	9° 8	14°16	26°49	28°14	23°12	27° 7	S 30
M31	2 40 14	8♏13'52	13♏28	3♏ 5	2♏14	9♐23	22♐ 9	20♑44	16♑44	9♈ 7	14♒16	26♐42	28♐11	23♊19	27♈ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s31	6s57	4s59	1s 7	2s 6	3n11	1n19	17s40	0s16	22s 2	0n35	21s15	0n33	22s36	0s21	2n54	1s 4	16n27	0s 3	23s13	23s13	23n44	11n39	0n53
S 2	3 54	12 10	4 41	0 40	1 46	2 43	1 20	17 51	0 16	22 3	0 35	21 15	0 33	22 36	0 21	2 54	1 4	16 27	0 3	23 13	23 13	23 43	11 38	0 53
M 3	4 16	16 46	4 6	0 17	1 26	2 14	1 21	18 2	0 17	22 4	0 35	21 15	0 33	22 36	0 21	2 53	1 4	16 27	0 2	23 13	23 13	23 43	11 37	0 53
T 4	4 39	20 25	3 14	0n 3	1 7	1 46	1 22	18 13	0 18	22 5	0 34	21 15	0 33	22 36	0 21	2 52	1 4	16 27	0 2	23 13	23 13	23 42	11 36	0 53
W 5	5 1	22 47	2 10	0 19	0 48	1 17	1 23	18 24	0 18	22 6	0 34	21 15	0 33	22 36	0 21	2 52	1 4	16 27	0 2	23 13	23 13	23 42	11 35	0 53
T 6	5 24	23 38	0 58	0 30	0 30	0 49	1 24	18 34	0 19	22 7	0 34	21 15	0 33	22 36	0 21	2 51	1 4	16 26	0 2	23 13	23 13	23 42	11 34	0 53
F 7	5 46	22 55	0n18	0 38	0 12	0 20	1 24	18 45	0 20	22 8	0 34	21 15	0 33	22 36	0 21	2 50	1 4	16 26	0 2	23 13	23 13	23 41	11 33	0 53
S 8	6 8	20 45	1 31	0 41	0n 4	0s 9	1 25	18 55	0 20	22 9	0 34	21 15	0 32	22 36	0 21	2 50	1 4	16 26	0 2	23 13	23 13	23 41	11 32	0 53
S 9	6 31	17 22	2 38	0 40	0 20	0 37	1 25	19 5	0 21	22 10	0 34	21 15	0 32	22 36	0 21	2 49	1 4	16 26	0 2	23 13	23 13	23 40	11 31	0 53
M10	6 53	13 5	3 35	0 34	0 34	1 6	1 26	19 15	0 21	22 11	0 33	21 15	0 32	22 35	0 21	2 48	1 4	16 26	0 2	23 13	23 13	23 40	11 30	0 53
T 11	7 15	8 12	4 19	0 25	0 47	1 35	1 26	19 25	0 22	22 12	0 33	21 15	0 32	22 35	0 21	2 48	1 4	16 25	0 2	23 13	23 13	23 39	11 29	0 53
W12	7 37	2 59	4 49	0 11	0 59	2 3	1 27	19 35	0 23	22 13	0 33	21 15	0 32	22 35	0 21	2 47	1 4	16 25	0 2	23 13	23 13	23 39	11 28	0 53
T 13	7 59	2n17	5 2	0s 7	1 10	2 32	1 27	19 45	0 23	22 14	0 33	21 14	0 32	22 35	0 21	2 47	1 4	16 25	0 2	23 13	23 13	23 39	11 27	0 53
F 14	8 20	7 21	4 59	0 28	1 19	3 1	1 27	19 54	0 24	22 15	0 33	21 14	0 32	22 35	0 21	2 46	1 4	16 25	0 2	23 13	23 13	23 38	11 26	0 52
S 15	8 42	12 2	4 41	0 53	1 27	3 30	1 27	20 4	0 24	22 15	0 33	21 14	0 32	22 35	0 21	2 45	1 4	16 25	0 2	23 13	23 13	23 38	11 25	0 52
S 16	9 3	16 7	4 10	1 20	1 34	3 58	1 27	20 13	0 25	22 16	0 33	21 14	0 31	22 35	0 21	2 45	1 4	16 25	0 2	23 12	23 13	23 37	11 24	0 52
M17	9 25	19 25	3 27	1 50	1 40	4 27	1 27	20 22	0 25	22 17	0 32	21 14	0 31	22 35	0 21	2 44	1 4	16 24	0 2	23 12	23 13	23 37	11 23	0 52
T 18	9 46	21 48	2 36	2 23	1 45	4 55	1 27	20 31	0 26	22 18	0 32	21 13	0 31	22 34	0 21	2 43	1 4	16 24	0 2	23 12	23 13	23 36	11 22	0 52
W19	10 7	23 11	1 38	2 58	1 48	5 24	1 27	20 40	0 27	22 19	0 32	21 13	0 31	22 34	0 21	2 43	1 4	16 24	0 1	23 12	23 13	23 36	11 21	0 52
T 20	10 28	23 30	0 36	3 34	1 51	5 52	1 27	20 48	0 27	22 20	0 32	21 13	0 31	22 34	0 21	2 42	1 4	16 24	0 1	23 12	23 13	23 35	11 20	0 52
F 21	10 49	22 45	0s27	4 12	1 52	6 20	1 26	20 57	0 28	22 21	0 32	21 13	0 31	22 34	0 21	2 42	1 4	16 24	0 1	23 12	23 13	23 35	11 19	0 52
S 22	11 10	21 0	1 29	4 51	1 53	6 48	1 26	21 5	0 28	22 22	0 32	21 12	0 31	22 34	0 21	2 41	1 4	16 24	0 1	23 12	23 13	23 34	11 18	0 52
S 23	11 30	18 18	2 28	5 31	1 53	7 16	1 26	21 13	0 29	22 23	0 31	21 12	0 31	22 34	0 21	2 40	1 4	16 24	0 1	23 12	23 13	23 34	11 16	0 52
M24	11 50	14 47	3 22	6 12	1 52	7 44	1 25	21 21	0 29	22 24	0 31	21 12	0 30	22 33	0 21	2 40	1 4	16 24	0 1	23 12	23 13	23 33	11 15	0 52
T 25	12 11	10 34	4 7	6 54	1 50	8 12	1 25	21 29	0 30	22 24	0 31	21 12	0 30	22 33	0 21	2 39	1 4	16 24	0 1	23 12	23 13	23 33	11 14	0 52
W26	12 31	5 47	4 41	7 35	1 48	8 39	1 24	21 37	0 30	22 25	0 31	21 11	0 30	22 33	0 21	2 39	1 4	16 24	0 1	23 12	23 13	23 32	11 13	0 52
T 27	12 50	0 35	5 2	8 17	1 45	9 6	1 23	21 44	0 31	22 26	0 31	21 11	0 30	22 33	0 21	2 38	1 4	16 24	0 1	23 12	23 13	23 32	11 12	0 51
F 28	13 10	4s48	5 7	8 59	1 41	9 33	1 23	21 51	0 32	22 27	0 31	21 10	0 30	22 32	0 21	2 38	1 4	16 23	0 1	23 12	23 13	23 31	11 11	0 51
S 29	13 29	10 6	4 53	9 40	1 37	10 0	1 22	21 59	0 32	22 28	0 31	21 10	0 30	22 32	0 21	2 37	1 4	16 23	0 1	23 11	23 13	23 31	11 10	0 51
S 30	13 49	15 0	4 21	10 22	1 33	10 27	1 21	22 5	0 33	22 29	0 31	21 10	0 30	22 32	0 21	2 37	1 4	16 23	0 1	23 11	23 13	23 30	11 9	0 51
M31	14s 7	19s 6	3s31	11s 3	1n28	10s53	1n20	22s12	0s33	22s29	0n30	21s 9	0n30	22s32	0s21	2n36	1s 4	16n23	0s 1	23s11	23s13	23n30	11n 8	0n51

Julian Day Number = 3060677.5, Delta T = 02h31m21s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'16, Lahiri = 47°14'16

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ASTRODIENST EPHEMERIS for the year 3667
geocentric

NOVEMBER 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 11	9♏12'57	28♏19	4♏52	3♏29	10♐ 4	22♐20	20♑48	16♑46	9°R 5	14♌17	26°R37	28♐ 8	23♊25	27°R 2	T 1
W 2	2 48 7	10°12'04	13♐10	6°38	4°44	10°45	22°32	20°51	16°48	9♈ 4	14°17	26♐35	28° 4	23°32	26♈59	W 2
T 3	2 52 4	11°11'13	27°55	8°24	5°59	11°26	22°43	20°55	16°50	9° 3	14°17	26°D34	28° 1	23°39	26°57	T 3
F 4	2 56 0	12°10'23	12♑27	10° 9	7°14	12° 7	22°55	20°59	16°52	9° 1	14°18	26°35	27°58	23°45	26°54	F 4
S 5	2 59 57	13° 9'36	26°43	11°53	8°28	12°49	23° 6	21° 3	16°54	9° 0	14°18	26°36	27°55	23°52	26°51	S 5
S 6	3 3 54	14° 8'49	10♒41	13°37	9°43	13°30	23°18	21° 7	16°56	8°59	14°18	26°R37	27°52	23°59	26°49	S 6
M 7	3 7 50	15° 8'05	24°22	15°20	10°58	14°12	23°29	21°11	16°58	8°57	14°18	26°36	27°49	24° 5	26°46	M 7
T 8	3 11 47	16° 7'22	7♓46	17° 2	12°13	14°53	23°41	21°15	17° 1	8°56	14°18	26°34	27°45	24°12	26°44	T 8
W 9	3 15 43	17° 6'40	20°54	18°44	13°28	15°35	23°53	21°20	17° 3	8°55	14°19	26°30	27°42	24°19	26°41	W 9
T 10	3 19 40	18° 6'01	3♈47	20°25	14°43	16°16	24° 5	21°24	17° 5	8°54	14°19	26°25	27°39	24°25	26°39	T 10
F 11	3 23 36	19° 5'23	16°28	22° 5	15°58	16°58	24°17	21°28	17° 7	8°53	14°19	26°19	27°36	24°32	26°36	F 11
S 12	3 27 33	20° 4'47	28°56	23°45	17°13	17°40	24°29	21°33	17°10	8°52	14°19	26°12	27°33	24°38	26°34	S 12
S 13	3 31 29	21° 4'13	11♉14	25°24	18°28	18°22	24°41	21°37	17°12	8°50	14°19	26° 6	27°30	24°45	26°31	S 13
M14	3 35 26	22° 3'40	23°21	27° 2	19°43	19° 4	24°53	21°42	17°15	8°49	14°R19	26° 1	27°26	24°52	26°29	M14
T 15	3 39 22	23° 3'10	5♊20	28°39	20°58	19°46	25° 5	21°47	17°17	8°48	14°19	25°57	27°23	24°58	26°27	T 15
W16	3 43 19	24° 2'42	17°13	0♐16	22°13	20°28	25°18	21°51	17°20	8°47	14°19	25°55	27°20	25° 5	26°24	W16
T 17	3 47 16	25° 2'16	29° 0	1°53	23°28	21°10	25°30	21°56	17°22	8°46	14°19	25°D55	27°17	25°12	26°22	T 17
F 18	3 51 12	26° 1'51	10♋47	3°29	24°43	21°52	25°42	22° 1	17°25	8°45	14°19	25°56	27°14	25°18	26°20	F 18
S 19	3 55 9	27° 1'29	22°35	5° 4	25°58	22°34	25°55	22° 6	17°27	8°44	14°18	25°57	27°10	25°25	26°17	S 19
S 20	3 59 5	28° 1'09	4♌30	6°39	27°13	23°17	26° 7	22°11	17°30	8°43	14°18	25°59	27° 7	25°32	26°15	S 20
M21	4 3 2	29° 0'52	16°36	8°13	28°28	23°59	26°20	22°16	17°33	8°42	14°18	26° 1	27° 4	25°38	26°13	M21
T 22	4 6 58	0♐ 0'36	28°57	9°46	29°43	24°42	26°32	22°22	17°35	8°41	14°18	26°R 1	27° 1	25°45	26°11	T 22
W23	4 10 55	1° 0'22	11♍39	11°20	0♐58	25°24	26°45	22°27	17°38	8°41	14°18	26° 1	26°58	25°52	26° 9	W23
T 24	4 14 51	2° 0'11	24°45	12°52	2°13	26° 7	26°58	22°32	17°41	8°40	14°18	25°59	26°55	25°58	26° 7	T 24
F 25	4 18 48	3° 0'02	8♎18	14°25	3°28	26°49	27°10	22°37	17°44	8°39	14°17	25°57	26°51	26° 5	26° 4	F 25
S 26	4 22 45	3°59'54	22°20	15°56	4°43	27°32	27°23	22°43	17°47	8°38	14°17	25°54	26°48	26°11	26° 2	S 26
S 27	4 26 41	4°59'49	6♏47	17°28	5°58	28°15	27°36	22°48	17°49	8°37	14°17	25°51	26°45	26°18	26° 0	S 27
M28	4 30 38	5°59'46	21°37	18°58	7°13	28°58	27°49	22°54	17°52	8°37	14°16	25°48	26°42	26°25	25°59	M28
T 29	4 34 34	6°59'45	6♐41	20°29	8°29	29°41	28° 1	23° 0	17°55	8°36	14°16	25°46	26°39	26°31	25°57	T 29
W30	4 38 31	7♐59'46	21♐50	21♐59	9♐44	0♑24	28♐14	23♑ 5	17♑58	8♈35	14♌16	25°D46	26♐36	26♊38	25♈55	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s26	21s59	2s27	11s43	1n23	11s20	1n19	22s19	0s34	22s30	0n30	21s 9	0n29	22s32	0s21	2n35	1s 4	16n23	0s 1	23s11	23s13	23n29	11n 7	0n51
W 2	14 45	23 22	1 12	12 23	1 18	11 45	1 18	22 25	0 34	22 31	0 30	21 8	0 29	22 31	0 21	2 35	1 4	16 23	0 1	23 11	23 13	23 29	11 6	0 51
T 3	15 3	23 5	0n 7	13 2	1 12	12 11	1 17	22 31	0 35	22 32	0 30	21 8	0 29	22 31	0 21	2 34	1 4	16 23	0 1	23 11	23 13	23 28	11 5	0 51
F 4	15 21	21 14	1 25	13 41	1 6	12 36	1 16	22 37	0 35	22 32	0 30	21 7	0 29	22 31	0 21	2 34	1 4	16 23	0 1	23 11	23 13	23 27	11 4	0 51
S 5	15 39	18 4	2 36	14 19	1 0	13 1	1 15	22 43	0 36	22 33	0 30	21 7	0 29	22 31	0 21	2 33	1 4	16 23	0 0	23 11	23 13	23 27	11 3	0 51
S 6	15 56	13 55	3 36	14 56	0 54	13 26	1 13	22 49	0 36	22 34	0 30	21 6	0 29	22 30	0 21	2 33	1 4	16 23	0 0	23 11	23 12	23 26	11 2	0 51
M 7	16 14	9 8	4 23	15 32	0 47	13 51	1 12	22 54	0 37	22 35	0 29	21 6	0 29	22 30	0 21	2 32	1 4	16 23	0 0	23 11	23 12	23 26	11 1	0 50
T 8	16 31	4 1	4 54	16 7	0 41	14 15	1 11	23 0	0 37	22 35	0 29	21 5	0 29	22 30	0 21	2 32	1 4	16 23	0 0	23 11	23 12	23 25	11 0	0 50
W 9	16 48	1n10	5 9	16 42	0 34	14 38	1 9	23 5	0 38	22 36	0 29	21 5	0 29	22 29	0 21	2 32	1 4	16 23	0 0	23 11	23 12	23 25	10 59	0 50
T 10	17 4	6 13	5 8	17 15	0 27	15 2	1 8	23 9	0 38	22 37	0 29	21 4	0 28	22 29	0 21	2 31	1 4	16 23	0 0	23 11	23 12	23 24	10 58	0 50
F 11	17 20	10 55	4 52	17 48	0 21	15 25	1 6	23 14	0 39	22 37	0 29	21 4	0 28	22 29	0 21	2 31	1 4	16 23	0 0	23 10	23 12	23 23	10 57	0 50
S 12	17 36	15 5	4 22	18 19	0 14	15 47	1 5	23 19	0 39	22 38	0 29	21 3	0 28	22 29	0 21	2 30	1 4	16 23	0 0	23 10	23 12	23 23	10 56	0 50
S 13	17 52	18 33	3 40	18 50	0 7	16 9	1 3	23 23	0 40	22 38	0 29	21 3	0 28	22 28	0 21	2 30	1 4	16 23	0n 0	23 10	23 12	23 22	10 55	0 50
M14	18 7	21 10	2 49	19 19	0s 0	16 31	1 1	23 27	0 40	22 39	0 29	21 2	0 28	22 28	0 21	2 29	1 4	16 23	0 0	23 10	23 12	23 21	10 54	0 50
T 15	18 22	22 49	1 50	19 48	0 7	16 53	1 0	23 31	0 41	22 40	0 29	21 1	0 28	22 28	0 21	2 29	1 4	16 24	0 0	23 10	23 12	23 21	10 53	0 50
W16	18 37	23 24	0 48	20 15	0 14	17 14	0 58	23 34	0 41	22 40	0 28	21 1	0 28	22 27	0 21	2 29	1 4	16 24	0 0	23 10	23 12	23 20	10 52	0 50
T 17	18 51	22 56	0s17	20 42	0 21	17 34	0 56	23 38	0 42	22 41	0 28	21 0	0 28	22 27	0 21	2 28	1 4	16 24	0 0	23 10	23 12	23 20	10 51	0 49
F 18	19 5	21 27	1 21	21 7	0 28	17 54	0 54	23 41	0 42	22 41	0 28	20 59	0 28	22 27	0 21	2 28	1 4	16 24	0 0	23 10	23 12	23 19	10 50	0 49
S 19	19 19	19 1	2 21	21 31	0 34	18 14	0 52	23 44	0 43	22 42	0 28	20 59	0 27	22 26	0 21	2 27	1 4	16 24	0 0	23 10	23 12	23 18	10 49	0 49
S 20	19 32	15 47	3 17	21 54	0 41	18 33	0 50	23 46	0 43	22 42	0 28	20 58	0 27	22 26	0 21	2 27	1 4	16 24	0 0	23 10	23 12	23 18	10 49	0 49
M21	19 46	11 50	4 4	22 16	0 48	18 51	0 48	23 49	0 43	22 43	0 28	20 57	0 27	22 26	0 21	2 27	1 4	16 24	0 1	23 10	23 12	23 17	10 48	0 49
T 22	19 58	7 20	4 41	22 37	0 54	19 9	0 46	23 51	0 44	22 43	0 28	20 57	0 27	22 25	0 21	2 26	1 4	16 24	0 1	23 10	23 11	23 16	10 47	0 49
W23	20 11	2 25	5 5	22 56	1 1	19 27	0 44	23 53	0 44	22 43	0 28	20 56	0 27	22 25	0 21	2 26	1 3	16 24	0 1	23 10	23 11	23 16	10 46	0 49
T 24	20 23	2s46	5 15	23 15	1 7	19 44	0 42	23 55	0 45	22 44	0 28	20 55	0 27	22 25	0 21	2 26	1 3	16 24	0 1	23 10	23 11	23 15	10 45	0 49
F 25	20 34	7 59	5 8	23 32	1 13	20 0	0 40	23 56	0 45	22 44	0 27	20 54	0 27	22 24	0 21	2 26	1 3	16 25	0 1	23 10	23 11	23 14	10 44	0 49
S 26	20 45	12 59	4 43	23 48	1 19	20 16	0 38	23 58	0 46	22 45	0 27	20 53	0 27	22 24	0 21	2 25	1 3	16 25	0 1	23 10	23 11	23 14	10 43	0 49
S 27	20 56	17 25	3 59	24 3	1 25	20 31	0 36	23 59	0 46	22 45	0 27	20 53	0 27	22 23	0 21	2 25	1 3	16 25	0 1	23 10	23 11	23 13	10 43	0 48
M28	21 7	20 52	2 58	24 17	1 31	20 46	0 34	24 0	0 47	22 45	0 27	20 52	0 27	22 23	0 21	2 25	1 3	16 25	0 1	23 10	23 11	23 12	10 42	0 48
T 29	21 17	22 56	1 44	24 30	1 37	21 0	0 31	24 0	0 47	22 46	0 27	20 51	0 26	22 23	0 21	2 25	1 3	16 25	0 1	23 9	23 11	23 11	10 41	0 48
W30	21s27	23s20	0s22	24s41	1s42	21s14	0n29	24s 1	0s47	22s46	0n27	20s50	0n26	22s22	0s21	2n24	1s 3	16n25	0n 1	23s 9	23s11	23n11	10n40	0n48

Julian Day Number = 3060708.5, Delta T = 02h31m22s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'20, Lahiri = 47°14'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3667
geocentric

DECEMBER 3667 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 27	8♐59'49	6♑56	23♐28	10♐59	1♑ 7	28♐27	23♑11	18♑ 1	8°R35	14°R15	25♐46	26♐32	26♊45	25°R53	T 1
F 2	4 46 24	9°59'53	21°49	24°57	12°14	1°50	28°40	23°17	18° 4	8♈34	14♌15	25°47	26°29	26°51	25♈51	F 2
S 3	4 50 21	10°59'58	6♒23	26°26	13°29	2°33	28°53	23°23	18° 7	8°34	14°14	25°48	26°26	26°58	25°49	S 3
S 4	4 54 17	12° 0'05	20°35	27°54	14°44	3°16	29° 6	23°28	18°11	8°33	14°14	25°49	26°23	27° 5	25°48	S 4
M 5	4 58 14	13° 0'14	4♓22	29°21	16° 0	4° 0	29°19	23°34	18°14	8°33	14°13	25°50	26°20	27°11	25°46	M 5
T 6	5 2 10	14° 0'23	17°46	0♑48	17°15	4°43	29°33	23°40	18°17	8°32	14°13	25°R50	26°16	27°18	25°44	T 6
W 7	5 6 7	15° 0'35	0♈48	2°15	18°30	5°26	29°46	23°46	18°20	8°32	14°12	25°49	26°13	27°25	25°43	W 7
T 8	5 10 3	16° 0'47	13°31	3°40	19°45	6°10	29°59	23°53	18°23	8°31	14°12	25°48	26°10	27°31	25°41	T 8
F 9	5 14 0	17° 1'01	25°58	5° 5	21° 0	6°53	0♑12	23°59	18°27	8°31	14°11	25°47	26° 7	27°38	25°40	F 9
S 10	5 17 56	18° 1'17	8♉13	6°30	22°16	7°37	0°25	24° 5	18°30	8°31	14°11	25°46	26° 4	27°44	25°39	S 10
S 11	5 21 53	19° 1'33	20°17	7°53	23°31	8°21	0°38	24°11	18°33	8°30	14°10	25°45	26° 1	27°51	25°37	S 11
M12	5 25 50	20° 1'52	2♊14	9°16	24°46	9° 4	0°52	24°17	18°36	8°30	14° 9	25°44	25°57	27°58	25°36	M12
T 13	5 29 46	21° 2'12	14° 5	10°38	26° 1	9°48	1° 5	24°24	18°40	8°30	14° 9	25°44	25°54	28° 4	25°35	T 13
W14	5 33 43	22° 2'33	25°54	11°59	27°16	10°32	1°18	24°30	18°43	8°30	14° 8	25°D44	25°51	28°11	25°33	W14
T 15	5 37 39	23° 2'56	7♋41	13°18	28°32	11°16	1°32	24°36	18°46	8°29	14° 7	25°44	25°48	28°18	25°32	T 15
F 16	5 41 36	24° 3'21	19°30	14°36	29°47	12° 0	1°45	24°43	18°50	8°29	14° 6	25°44	25°45	28°24	25°31	F 16
S 17	5 45 32	25° 3'47	1♌23	15°53	1♑ 2	12°44	1°58	24°49	18°53	8°29	14° 6	25°44	25°42	28°31	25°30	S 17
S 18	5 49 29	26° 4'15	13°22	17° 7	2°17	13°28	2°12	24°56	18°57	8°29	14° 5	25°R44	25°38	28°38	25°29	S 18
M19	5 53 25	27° 4'44	25°31	18°20	3°33	14°12	2°25	25° 2	19° 0	8°D29	14° 4	25°44	25°35	28°44	25°28	M19
T 20	5 57 22	28° 5'15	7♍53	19°31	4°48	14°56	2°38	25° 9	19° 4	8°29	14° 3	25°44	25°32	28°51	25°27	T 20
W21	6 1 19	29° 5'48	20°32	20°38	6° 3	15°40	2°52	25°16	19° 7	8°29	14° 2	25°44	25°29	28°58	25°26	W21
T 22	6 5 15	0♑ 6'22	3♎32	21°43	7°18	16°25	3° 5	25°22	19°11	8°29	14° 2	25°D44	25°26	29° 4	25°25	T 22
F 23	6 9 12	1° 6'58	16°55	22°45	8°34	17° 9	3°18	25°29	19°14	8°29	14° 1	25°44	25°22	29°11	25°25	F 23
S 24	6 13 8	2° 7'36	0♏45	23°43	9°49	17°53	3°32	25°36	19°18	8°29	14° 0	25°44	25°19	29°18	25°24	S 24
S 25	6 17 5	3° 8'15	15° 0	24°36	11° 4	18°38	3°45	25°42	19°21	8°30	13°59	25°45	25°16	29°24	25°23	S 25
M26	6 21 1	4° 8'56	29°39	25°24	12°19	19°22	3°59	25°49	19°25	8°30	13°58	25°46	25°13	29°31	25°23	M26
T 27	6 24 58	5° 9'38	14♐38	26° 7	13°35	20° 7	4°12	25°56	19°28	8°30	13°57	25°46	25°10	29°37	25°22	T 27
W28	6 28 55	6°10'22	29°48	26°43	14°50	20°52	4°26	26° 3	19°32	8°30	13°56	25°R46	25° 7	29°44	25°22	W28
T 29	6 32 51	7°11'07	15♑ 2	27°12	16° 5	21°36	4°39	26°10	19°35	8°31	13°55	25°46	25° 3	29°51	25°21	T 29
F 30	6 36 48	8°11'53	0♒ 8	27°33	17°21	22°21	4°52	26°17	19°39	8°31	13°54	25°45	25° 0	29°57	25°21	F 30
S 31	6 40 44	9♑12'40	14♒58	27♑45	18♑36	23♑ 6	5♑ 6	26♑23	19♑43	8♈31	13♌53	25♐43	24♐57	0♋ 4	25♈20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s36	22s 1	1n 1	24s51	1s47	21s27	0n27	24s 1	0s48	22s46	0n27	20s49	0n26	22s22	0s21	2n24	1s 3	16n25	0n 1	23s 9	23s11	23n10	10n39	0n48
F 2	21 45	19 11	2 19	25 0	1 52	21 39	0 25	24 1	0 48	22 46	0 27	20 48	0 26	22 21	0 21	2 24	1 3	16 26	0 1	23 9	23 11	23 9	10 39	0 48
S 3	21 53	15 10	3 27	25 8	1 57	21 51	0 22	24 1	0 49	22 47	0 27	20 48	0 26	22 21	0 21	2 24	1 3	16 26	0 1	23 10	23 11	23 9	10 38	0 48
S 4	22 2	10 24	4 19	25 14	2 2	22 2	0 20	24 0	0 49	22 47	0 27	20 47	0 26	22 21	0 21	2 23	1 3	16 26	0 1	23 10	23 11	23 8	10 37	0 48
M 5	22 9	5 14	4 55	25 19	2 6	22 12	0 18	23 59	0 49	22 47	0 26	20 46	0 26	22 20	0 21	2 23	1 3	16 26	0 1	23 10	23 10	23 7	10 37	0 48
T 6	22 17	0n 2	5 14	25 23	2 10	22 22	0 15	23 58	0 50	22 47	0 26	20 45	0 26	22 20	0 21	2 23	1 3	16 26	0 1	23 10	23 10	23 6	10 36	0 47
W 7	22 23	5 9	5 16	25 26	2 14	22 31	0 13	23 57	0 50	22 47	0 26	20 44	0 26	22 19	0 21	2 23	1 3	16 27	0 2	23 10	23 10	23 6	10 35	0 47
T 8	22 30	9 56	5 2	25 28	2 17	22 39	0 11	23 55	0 51	22 47	0 26	20 43	0 26	22 19	0 21	2 23	1 3	16 27	0 2	23 10	23 10	23 5	10 35	0 47
F 9	22 36	14 13	4 35	25 28	2 21	22 47	0 8	23 54	0 51	22 47	0 26	20 42	0 25	22 18	0 21	2 23	1 3	16 27	0 2	23 9	23 10	23 4	10 34	0 47
S 10	22 41	17 49	3 55	25 27	2 23	22 54	0 6	23 52	0 51	22 47	0 26	20 41	0 25	22 18	0 21	2 23	1 3	16 27	0 2	23 9	23 10	23 3	10 33	0 47
S 11	22 47	20 37	3 5	25 25	2 26	23 1	0 3	23 49	0 52	22 47	0 26	20 40	0 25	22 18	0 21	2 23	1 3	16 28	0 2	23 9	23 10	23 2	10 33	0 47
M12	22 51	22 30	2 7	25 22	2 28	23 6	0 1	23 47	0 52	22 47	0 26	20 39	0 25	22 17	0 21	2 22	1 3	16 28	0 2	23 9	23 10	23 2	10 32	0 47
T 13	22 55	23 21	1 4	25 17	2 30	23 11	0s 2	23 44	0 52	22 47	0 26	20 38	0 25	22 17	0 21	2 22	1 3	16 28	0 2	23 9	23 10	23 1	10 32	0 47
W14	22 59	23 9	0s 1	25 12	2 31	23 16	0 4	23 41	0 53	22 47	0 26	20 37	0 25	22 16	0 21	2 22	1 3	16 28	0 2	23 9	23 10	23 0	10 31	0 47
T 15	23 3	21 54	1 6	25 5	2 32	23 19	0 6	23 38	0 53	22 47	0 26	20 36	0 25	22 16	0 21	2 22	1 3	16 29	0 2	23 9	23 10	22 59	10 31	0 46
F 16	23 6	19 42	2 8	24 57	2 32	23 22	0 9	23 35	0 53	22 47	0 25	20 35	0 25	22 15	0 21	2 22	1 3	16 29	0 2	23 9	23 9	22 59	10 30	0 46
S 17	23 8	16 39	3 6	24 48	2 31	23 24	0 11	23 31	0 54	22 47	0 25	20 34	0 25	22 15	0 21	2 22	1 3	16 29	0 2	23 9	23 9	22 58	10 29	0 46
S 18	23 10	12 54	3 55	24 38	2 31	23 26	0 14	23 27	0 54	22 47	0 25	20 33	0 25	22 14	0 21	2 22	1 3	16 29	0 2	23 9	23 9	22 57	10 29	0 46
M19	23 12	8 35	4 35	24 27	2 29	23 27	0 16	23 23	0 55	22 47	0 25	20 32	0 25	22 14	0 21	2 22	1 3	16 30	0 2	23 9	23 9	22 56	10 29	0 46
T 20	23 13	3 51	5 3	24 15	2 27	23 27	0 18	23 18	0 55	22 47	0 25	20 31	0 24	22 13	0 21	2 22	1 3	16 30	0 2	23 9	23 9	22 55	10 28	0 46
W21	23 13	1s 9	5 17	24 2	2 24	23 26	0 21	23 14	0 55	22 47	0 25	20 30	0 24	22 13	0 21	2 22	1 3	16 30	0 2	23 9	23 9	22 54	10 28	0 46
T 22	23 13	6 13	5 15	23 48	2 20	23 25	0 23	23 9	0 56	22 46	0 25	20 29	0 24	22 12	0 21	2 22	1 3	16 31	0 2	23 9	23 9	22 54	10 27	0 46
F 23	23 13	11 10	4 57	23 33	2 16	23 23	0 26	23 4	0 56	22 46	0 25	20 27	0 24	22 12	0 21	2 22	1 3	16 31	0 3	23 9	23 9	22 53	10 27	0 45
S 24	23 12	15 42	4 21	23 18	2 10	23 20	0 28	22 58	0 56	22 46	0 25	20 26	0 24	22 11	0 21	2 23	1 3	16 31	0 3	23 9	23 9	22 52	10 27	0 45
S 25	23 11	19 30	3 28	23 2	2 4	23 16	0 30	22 52	0 56	22 46	0 25	20 25	0 24	22 11	0 21	2 23	1 3	16 32	0 3	23 9	23 8	22 51	10 26	0 45
M26	23 10	22 11	2 20	22 46	1 56	23 12	0 32	22 47	0 57	22 45	0 25	20 24	0 24	22 10	0 21	2 23	1 3	16 32	0 3	23 9	23 8	22 50	10 26	0 45
T 27	23 7	23 22	1 2	22 30	1 48	23 7	0 35	22 40	0 57	22 45	0 25	20 23	0 24	22 10	0 21	2 23	1 3	16 32	0 3	23 9	23 8	22 49	10 26	0 45
W28	23 5	22 51	0n22	22 14	1 38	23 1	0 37	22 34	0 57	22 45	0 25	20 22	0 24	22 9	0 21	2 23	1 3	16 33	0 3	23 9	23 8	22 48	10 25	0 45
T 29	23 2	20 39	1 45	21 57	1 27	22 55	0 39	22 27	0 58	22 44	0 24	20 20	0 24	22 9	0 21	2 23	1 3	16 33	0 3	23 9	23 8	22 48	10 25	0 45
F 30	22 58	17 1	2 59	21 41	1 15	22 48	0 41	22 21	0 58	22 44	0 24	20 19	0 24	22 8	0 21	2 23	1 3	16 33	0 3	23 9	23 8	22 47	10 25	0 45
S 31	22s54	12s22	4n 0	21s26	1s 1	22s40	0s44	22s13	0s58	22s43	0n24	20s18	0n24	22s 8	0s21	2n23	1s 2	16n34	0n 3	23s 9	23s 8	22n46	10n25	0n45

Julian Day Number = 3060738.5, Delta T = 02h31m23s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'24, Lahiri = 47°14'25

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

JANUARY 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 44 41	10♑13'27	29♒25	27°R48	19♑51	23♑51	5♑19	26♑30	19♑46	8♈32	13°R52	25°R41	24♐54	0♋11	25°R20	S 1
M 2	6 48 37	11°14'16	13♓26	27♑40	21° 7	24°36	5°33	26°37	19°50	8°32	13♌51	25♐40	24°51	0°17	25♈20	M 2
T 3	6 52 34	12°15'05	26°58	27°21	22°22	25°21	5°46	26°44	19°53	8°33	13°50	25°38	24°48	0°24	25°20	T 3
W 4	6 56 30	13°15'55	10♈ 4	26°50	23°37	26° 6	5°59	26°51	19°57	8°33	13°49	25°D38	24°44	0°31	25°20	W 4
T 5	7 0 27	14°16'45	22°46	26° 9	24°52	26°51	6°13	26°58	20° 1	8°34	13°48	25°38	24°41	0°37	25°D20	T 5
F 6	7 4 24	15°17'37	5♉ 9	25°16	26° 8	27°36	6°26	27° 5	20° 4	8°34	13°47	25°39	24°38	0°44	25°20	F 6
S 7	7 8 20	16°18'29	17°16	24°13	27°23	28°21	6°39	27°12	20° 8	8°35	13°46	25°40	24°35	0°51	25°20	S 7
S 8	7 12 17	17°19'21	29°13	23° 2	28°38	29° 6	6°53	27°19	20°12	8°36	13°45	25°42	24°32	0°57	25°20	S 8
M 9	7 16 13	18°20'15	11♊ 3	21°44	29°54	29°52	7° 6	27°26	20°15	8°36	13°44	25°44	24°28	1° 4	25°20	M 9
T 10	7 20 10	19°21'09	22°50	20°22	1♒ 9	0♒37	7°19	27°33	20°19	8°37	13°42	25°R44	24°25	1°10	25°20	T 10
W11	7 24 6	20°22'03	4♋38	18°59	2°24	1°22	7°33	27°41	20°23	8°38	13°41	25°44	24°22	1°17	25°20	W11
T 12	7 28 3	21°22'59	16°28	17°38	3°39	2° 8	7°46	27°48	20°26	8°39	13°40	25°42	24°19	1°24	25°21	T 12
F 13	7 31 59	22°23'55	28°23	16°20	4°55	2°53	7°59	27°55	20°30	8°39	13°39	25°39	24°16	1°30	25°21	F 13
S 14	7 35 56	23°24'51	10♌24	15° 9	6°10	3°39	8°12	28° 2	20°34	8°40	13°38	25°35	24°13	1°37	25°22	S 14
S 15	7 39 53	24°25'49	22°34	14° 6	7°25	4°24	8°26	28° 9	20°37	8°41	13°37	25°30	24° 9	1°44	25°22	S 15
M16	7 43 49	25°26'47	4♍54	13°14	8°41	5°10	8°39	28°16	20°41	8°42	13°35	25°25	24° 6	1°50	25°23	M16
T 17	7 47 46	26°27'45	17°26	12°31	9°56	5°56	8°52	28°23	20°45	8°43	13°34	25°20	24° 3	1°57	25°23	T 17
W18	7 51 42	27°28'45	0♎10	12° 0	11°11	6°41	9° 5	28°30	20°48	8°44	13°33	25°15	24° 0	2° 4	25°24	W18
T 19	7 55 39	28°29'45	13°11	11°39	12°26	7°27	9°18	28°37	20°52	8°45	13°32	25°13	23°57	2°10	25°25	T 19
F 20	7 59 35	29°30'46	26°29	11°29	13°42	8°13	9°31	28°45	20°55	8°46	13°30	25°D12	23°54	2°17	25°25	F 20
S 21	8 3 32	0♒31'48	10♏ 7	11°D28	14°57	8°59	9°44	28°52	20°59	8°47	13°29	25°12	23°50	2°24	25°26	S 21
S 22	8 7 28	1°32'51	24° 5	11°37	16°12	9°45	9°57	28°59	21° 3	8°48	13°28	25°13	23°47	2°30	25°27	S 22
M23	8 11 25	2°33'54	8♐25	11°55	17°27	10°31	10°10	29° 6	21° 6	8°49	13°27	25°15	23°44	2°37	25°28	M23
T 24	8 15 22	3°34'58	23° 4	12°20	18°43	11°17	10°23	29°13	21°10	8°51	13°25	25°R16	23°41	2°44	25°29	T 24
W25	8 19 18	4°36'02	7♑58	12°51	19°58	12° 3	10°36	29°20	21°13	8°52	13°24	25°15	23°38	2°50	25°30	W25
T 26	8 23 15	5°37'07	23° 0	13°30	21°13	12°49	10°49	29°27	21°17	8°53	13°23	25°12	23°34	2°57	25°31	T 26
F 27	8 27 11	6°38'12	8♒ 1	14°13	22°28	13°35	11° 1	29°34	21°21	8°54	13°22	25° 8	23°31	3° 3	25°32	F 27
S 28	8 31 8	7°39'17	22°53	15° 2	23°44	14°21	11°14	29°41	21°24	8°56	13°20	25° 1	23°28	3°10	25°34	S 28
S 29	8 35 4	8°40'23	7♓27	15°55	24°59	15° 7	11°27	29°49	21°28	8°57	13°19	24°54	23°25	3°17	25°35	S 29
M30	8 39 1	9°41'28	21°36	16°52	26°14	15°54	11°40	29°56	21°31	8°58	13°18	24°47	23°22	3°23	25°36	M30
T 31	8 42 58	10♒42'33	5♈17	17♑52	27♒29	16♒40	11♑52	0♒ 3	21♑35	9♈ 0	13♌17	24♐41	23♐19	3♋30	25♈38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	7s 7	4n44	21s11	0s46	22s32	0s46	22s 6	0s58	22s43	0n24	20s17	0n23	22s 7	0s21	2n24	1s 2	16n34	0n 3	23s 9	23s 8	22n45	10n24	0n44
M 2	22 45	1 41	5 10	20 56	0 30	22 22	0 48	21 58	0 59	22 42	0 24	20 16	0 23	22 7	0 21	2 24	1 2	16 34	0 3	23 9	23 8	22 44	10 24	0 44
T 3	22 40	3n39	5 17	20 43	0 13	22 13	0 50	21 51	0 59	22 42	0 24	20 14	0 23	22 6	0 21	2 24	1 2	16 35	0 3	23 9	23 7	22 43	10 24	0 44
W 4	22 34	8 40	5 7	20 31	0n 5	22 2	0 52	21 43	0 59	22 41	0 24	20 13	0 23	22 6	0 21	2 24	1 2	16 35	0 3	23 9	23 7	22 42	10 24	0 44
T 5	22 28	13 9	4 42	20 20	0 24	21 51	0 54	21 34	1 0	22 41	0 24	20 12	0 23	22 5	0 21	2 25	1 2	16 35	0 3	23 9	23 7	22 41	10 24	0 44
F 6	22 21	16 58	4 5	20 10	0 44	21 39	0 56	21 26	1 0	22 40	0 24	20 11	0 23	22 5	0 21	2 25	1 2	16 36	0 3	23 9	23 7	22 40	10 24	0 44
S 7	22 14	19 59	3 17	20 1	1 4	21 27	0 58	21 17	1 0	22 40	0 24	20 9	0 23	22 4	0 21	2 25	1 2	16 36	0 4	23 9	23 7	22 40	10 23	0 44
S 8	22 7	22 6	2 21	19 54	1 24	21 14	1 0	21 8	1 0	22 39	0 24	20 8	0 23	22 4	0 21	2 25	1 2	16 37	0 4	23 9	23 7	22 39	10 23	0 44
M 9	21 59	23 13	1 20	19 48	1 43	21 0	1 2	20 59	1 0	22 39	0 24	20 7	0 23	22 3	0 21	2 26	1 2	16 37	0 4	23 9	23 7	22 38	10 23	0 44
T 10	21 51	23 18	0 16	19 43	2 0	20 46	1 4	20 50	1 1	22 38	0 24	20 5	0 23	22 3	0 21	2 26	1 2	16 37	0 4	23 9	23 6	22 37	10 23	0 43
W11	21 42	22 20	0s49	19 39	2 16	20 31	1 6	20 40	1 1	22 37	0 24	20 4	0 23	22 2	0 21	2 26	1 2	16 38	0 4	23 9	23 6	22 36	10 23	0 43
T 12	21 33	20 22	1 52	19 36	2 30	20 15	1 7	20 30	1 1	22 37	0 23	20 3	0 23	22 2	0 21	2 27	1 2	16 38	0 4	23 9	23 6	22 35	10 23	0 43
F 13	21 23	17 31	2 50	19 34	2 41	19 59	1 9	20 20	1 1	22 36	0 23	20 1	0 23	22 1	0 21	2 27	1 2	16 38	0 4	23 9	23 6	22 34	10 23	0 43
S 14	21 13	13 55	3 41	19 33	2 51	19 42	1 11	20 10	1 2	22 35	0 23	20 0	0 22	22 1	0 21	2 27	1 2	16 39	0 4	23 9	23 6	22 33	10 23	0 43
S 15	21 2	9 43	4 23	19 33	2 57	19 25	1 12	19 59	1 2	22 34	0 23	19 59	0 22	22 0	0 21	2 28	1 2	16 39	0 4	23 9	23 6	22 32	10 24	0 43
M16	20 52	5 4	4 53	19 34	3 1	19 7	1 14	19 48	1 2	22 34	0 23	19 57	0 22	21 59	0 21	2 28	1 2	16 40	0 4	23 9	23 6	22 31	10 24	0 43
T 17	20 40	0 10	5 10	19 36	3 3	18 49	1 15	19 38	1 2	22 33	0 23	19 56	0 22	21 59	0 21	2 28	1 2	16 40	0 4	23 9	23 6	22 30	10 24	0 43
W18	20 29	4s50	5 11	19 39	3 3	18 30	1 17	19 26	1 2	22 32	0 23	19 55	0 22	21 58	0 21	2 29	1 2	16 40	0 4	23 8	23 5	22 29	10 24	0 42
T 19	20 17	9 44	4 58	19 43	3 1	18 10	1 18	19 15	1 3	22 31	0 23	19 53	0 22	21 58	0 21	2 29	1 2	16 41	0 4	23 8	23 5	22 28	10 24	0 42
F 20	20 4	14 17	4 27	19 47	2 58	17 50	1 20	19 3	1 3	22 30	0 23	19 52	0 22	21 57	0 21	2 30	1 2	16 41	0 4	23 8	23 5	22 27	10 24	0 42
S 21	19 51	18 14	3 42	19 52	2 53	17 30	1 21	18 52	1 3	22 29	0 23	19 51	0 22	21 57	0 21	2 30	1 2	16 42	0 4	23 8	23 5	22 26	10 24	0 42
S 22	19 38	21 14	2 42	19 57	2 47	17 9	1 22	18 40	1 3	22 29	0 23	19 49	0 22	21 56	0 21	2 31	1 2	16 42	0 4	23 8	23 5	22 25	10 25	0 42
M23	19 25	23 0	1 31	20 2	2 40	16 47	1 23	18 28	1 3	22 28	0 23	19 48	0 22	21 56	0 21	2 31	1 2	16 43	0 5	23 8	23 5	22 24	10 25	0 42
T 24	19 11	23 15	0 12	20 7	2 33	16 25	1 24	18 15	1 3	22 27	0 23	19 47	0 22	21 55	0 21	2 32	1 2	16 43	0 5	23 8	23 5	22 23	10 25	0 42
W25	18 56	21 51	1n 9	20 13	2 25	16 3	1 26	18 3	1 3	22 26	0 23	19 45	0 22	21 55	0 21	2 32	1 2	16 43	0 5	23 8	23 4	22 22	10 25	0 42
T 26	18 42	18 54	2 25	20 17	2 16	15 40	1 27	17 50	1 4	22 25	0 23	19 44	0 22	21 54	0 21	2 33	1 2	16 44	0 5	23 8	23 4	22 21	10 26	0 42
F 27	18 27	14 41	3 31	20 22	2 7	15 17	1 27	17 37	1 4	22 24	0 23	19 42	0 22	21 54	0 21	2 33	1 2	16 44	0 5	23 8	23 4	22 20	10 26	0 41
S 28	18 11	9 38	4 22	20 26	1 58	14 53	1 28	17 24	1 4	22 23	0 23	19 41	0 22	21 53	0 21	2 34	1 2	16 45	0 5	23 8	23 4	22 19	10 26	0 41
S 29	17 56	4 8	4 55	20 29	1 49	14 29	1 29	17 10	1 4	22 22	0 22	19 40	0 21	21 52	0 21	2 34	1 2	16 45	0 5	23 8	23 4	22 18	10 27	0 41
M30	17 40	1n26	5 9	20 32	1 39	14 4	1 30	16 57	1 4	22 21	0 22	19 38	0 21	21 52	0 21	2 35	1 2	16 45	0 5	23 7	23 4	22 17	10 27	0 41
T 31	17s24	6n44	5n 4	20s33	1n30	13s39	1s31	16s43	1s 4	22s20	0n22	19s37	0n21	21s51	0s21	2n35	1s 2	16n46	0n 5	23s 7	23s 3	22n16	10n27	0n41

Julian Day Number = 3060769.5, Delta T = 02h31m24s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'29, Lahiri = 47°14'29

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

FEBRUARY 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 46 54	11♒43'37	18♈30	18♉56	28♒45	17♒26	12♉ 5	0♒10	21♉38	9♈ 1	13°R15	24°R36	23♐15	3♋37	25♈39	W 1
T 2	8 50 51	12°44'42	1♉17	20° 2	29°59	18°12	12°17	0°17	21°42	9° 2	13♏14	24♐33	23°12	3°43	25°40	T 2
F 3	8 54 47	13°45'46	13°42	21°11	1♓15	18°59	12°30	0°24	21°45	9° 4	13°13	24°D32	23° 9	3°50	25°42	F 3
S 4	8 58 44	14°46'50	25°49	22°22	2°30	19°45	12°42	0°31	21°49	9° 5	13°11	24°33	23° 6	3°57	25°44	S 4
S 5	9 2 40	15°47'54	7♊44	23°35	3°45	20°32	12°55	0°38	21°52	9° 7	13°10	24°34	23° 3	4° 3	25°45	S 5
M 6	9 6 37	16°48'57	19°32	24°50	5° 0	21°18	13° 7	0°45	21°55	9° 8	13° 9	24°R35	23° 0	4°10	25°47	M 6
T 7	9 10 33	17°50'00	1♋19	26° 6	6°15	22° 5	13°19	0°52	21°59	9°10	13° 8	24°35	22°56	4°17	25°49	T 7
W 8	9 14 30	18°51'02	13° 7	27°24	7°31	22°51	13°31	0°58	22° 2	9°12	13° 6	24°33	22°53	4°23	25°50	W 8
T 9	9 18 27	19°52'04	25° 2	28°43	8°46	23°38	13°43	1° 5	22° 6	9°13	13° 5	24°29	22°50	4°30	25°52	T 9
F 10	9 22 23	20°53'05	7♌ 5	0♒ 3	10° 1	24°25	13°55	1°12	22° 9	9°15	13° 4	24°22	22°47	4°37	25°54	F 10
S 11	9 26 20	21°54'06	19°19	1°25	11°16	25°11	14° 7	1°19	22°12	9°17	13° 2	24°12	22°44	4°43	25°56	S 11
S 12	9 30 16	22°55'07	1♍44	2°47	12°31	25°58	14°19	1°26	22°16	9°18	13° 1	24° 1	22°40	4°50	25°58	S 12
M13	9 34 13	23°56'07	14°22	4°11	13°46	26°45	14°31	1°33	22°19	9°20	13° 0	23°50	22°37	4°56	26° 0	M13
T 14	9 38 9	24°57'07	27°11	5°35	15° 1	27°31	14°43	1°39	22°22	9°22	12°59	23°39	22°34	5° 3	26° 2	T 14
W15	9 42 6	25°58'07	10♎12	7° 0	16°16	28°18	14°55	1°46	22°25	9°23	12°57	23°29	22°31	5°10	26° 4	W15
T 16	9 46 2	26°59'06	23°24	8°26	17°31	29° 5	15° 6	1°53	22°28	9°25	12°56	23°22	22°28	5°16	26° 6	T 16
F 17	9 49 59	28° 0'05	6♏49	9°53	18°46	29°52	15°18	1°59	22°32	9°27	12°55	23°17	22°25	5°23	26° 8	F 17
S 18	9 53 56	29° 1'04	20°26	11°21	20° 0	0♓39	15°30	2° 6	22°35	9°29	12°54	23°15	22°21	5°30	26°11	S 18
S 19	9 57 52	0♓ 2'02	4♐16	12°49	21°15	1°26	15°41	2°13	22°38	9°31	12°53	23°D15	22°18	5°36	26°13	S 19
M20	10 1 49	1° 3'01	18°21	14°19	22°30	2°13	15°52	2°19	22°41	9°33	12°51	23°R16	22°15	5°43	26°15	M20
T 21	10 5 45	2° 3'59	2♑38	15°48	23°45	3° 0	16° 4	2°26	22°44	9°34	12°50	23°15	22°12	5°50	26°17	T 21
W22	10 9 42	3° 4'56	17° 8	17°19	25° 0	3°47	16°15	2°32	22°47	9°36	12°49	23°13	22° 9	5°56	26°20	W22
T 23	10 13 38	4° 5'53	1♒45	18°50	26°15	4°34	16°26	2°39	22°50	9°38	12°48	23° 8	22° 6	6° 3	26°22	T 23
F 24	10 17 35	5° 6'49	16°25	20°22	27°30	5°21	16°37	2°45	22°53	9°40	12°47	23° 1	22° 2	6°10	26°25	F 24
S 25	10 21 31	6° 7'45	0♓59	21°55	28°44	6° 8	16°48	2°51	22°56	9°42	12°45	22°51	21°59	6°16	26°27	S 25
S 26	10 25 28	7° 8'40	15°22	23°28	29°59	6°55	16°59	2°58	22°59	9°44	12°44	22°39	21°56	6°23	26°30	S 26
M27	10 29 25	8° 9'33	29°26	25° 2	1♈14	7°42	17°10	3° 4	23° 1	9°46	12°43	22°27	21°53	6°30	26°32	M27
T 28	10 33 21	9°10'26	13♈ 7	26°36	2°28	8°29	17°20	3°10	23° 4	9°48	12°42	22°15	21°50	6°36	26°35	T 28
W29	10 37 18	10♓11'18	26♈22	28♒12	3♈43	9♓16	17♉31	3♒17	23♉ 7	9♈50	12♏41	22♐ 6	21♐46	6♋43	26♈38	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 7	11n33	4n43	20s34	1n20	13s14	1s31	16s29	1s 4	22s19	0n22	19s35	0n21	21s51	0s21	2n36	1s 2	16n46	0n 5	23s 7	23s 3	22n15	10n28	0n41
T 2	16 50	15 42	4 8	20 34	1 11	12 48	1 32	16 15	1 4	22 18	0 22	19 34	0 21	21 50	0 21	2 36	1 2	16 47	0 5	23 7	23 3	22 14	10 28	0 41
F 3	16 33	19 2	3 23	20 33	1 2	12 22	1 32	16 1	1 4	22 16	0 22	19 32	0 21	21 50	0 21	2 37	1 2	16 47	0 5	23 7	23 3	22 13	10 29	0 41
S 4	16 15	21 27	2 29	20 32	0 52	11 56	1 33	15 47	1 5	22 15	0 22	19 31	0 21	21 49	0 21	2 38	1 2	16 48	0 5	23 7	23 3	22 12	10 29	0 41
S 5	15 57	22 53	1 30	20 29	0 43	11 29	1 33	15 32	1 5	22 14	0 22	19 30	0 21	21 49	0 21	2 38	1 2	16 48	0 5	23 7	23 3	22 11	10 30	0 40
M 6	15 39	23 16	0 27	20 25	0 34	11 2	1 33	15 18	1 5	22 13	0 22	19 28	0 21	21 48	0 21	2 39	1 2	16 48	0 5	23 7	23 2	22 10	10 30	0 40
T 7	15 21	22 37	0s36	20 20	0 25	10 35	1 34	15 3	1 5	22 12	0 22	19 27	0 21	21 48	0 21	2 39	1 2	16 49	0 5	23 7	23 2	22 9	10 31	0 40
W 8	15 2	20 57	1 38	20 13	0 17	10 8	1 34	14 48	1 5	22 11	0 22	19 25	0 21	21 47	0 21	2 40	1 2	16 49	0 6	23 7	23 2	22 7	10 31	0 40
T 9	14 43	18 23	2 36	20 6	0 8	9 40	1 34	14 33	1 5	22 10	0 22	19 24	0 21	21 47	0 21	2 41	1 1	16 50	0 6	23 7	23 2	22 6	10 32	0 40
F 10	14 24	14 59	3 28	19 58	0s 0	9 12	1 34	14 17	1 5	22 9	0 22	19 22	0 21	21 46	0 21	2 41	1 1	16 50	0 6	23 6	23 2	22 5	10 32	0 40
S 11	14 5	10 56	4 10	19 48	0 9	8 43	1 34	14 2	1 5	22 7	0 22	19 21	0 21	21 46	0 21	2 42	1 1	16 51	0 6	23 6	23 2	22 4	10 33	0 40
S 12	13 45	6 22	4 42	19 38	0 17	8 15	1 34	13 46	1 5	22 6	0 22	19 20	0 21	21 45	0 21	2 43	1 1	16 51	0 6	23 5	23 1	22 3	10 34	0 40
M13	13 25	1 29	5 0	19 26	0 24	7 46	1 33	13 30	1 5	22 5	0 22	19 18	0 21	21 45	0 21	2 43	1 1	16 51	0 6	23 5	23 1	22 2	10 34	0 40
T 14	13 5	3s32	5 3	19 13	0 32	7 17	1 33	13 15	1 5	22 4	0 22	19 17	0 20	21 44	0 21	2 44	1 1	16 52	0 6	23 4	23 1	22 1	10 35	0 40
W15	12 45	8 28	4 51	18 59	0 39	6 48	1 33	12 59	1 5	22 2	0 22	19 15	0 20	21 44	0 21	2 45	1 1	16 52	0 6	23 4	23 1	22 0	10 35	0 39
T 16	12 24	13 6	4 24	18 44	0 46	6 19	1 32	12 42	1 5	22 1	0 22	19 14	0 20	21 43	0 21	2 46	1 1	16 53	0 6	23 4	23 1	21 59	10 36	0 39
F 17	12 4	17 9	3 41	18 28	0 53	5 49	1 32	12 26	1 5	22 0	0 22	19 13	0 20	21 43	0 21	2 46	1 1	16 53	0 6	23 3	23 1	21 58	10 37	0 39
S 18	11 43	20 21	2 46	18 10	1 0	5 20	1 31	12 10	1 5	21 59	0 21	19 11	0 20	21 42	0 21	2 47	1 1	16 53	0 6	23 3	23 0	21 56	10 38	0 39
S 19	11 22	22 26	1 39	17 52	1 6	4 50	1 31	11 53	1 5	21 57	0 21	19 10	0 20	21 42	0 21	2 48	1 1	16 54	0 6	23 3	23 0	21 55	10 38	0 39
M20	11 0	23 9	0 26	17 32	1 12	4 20	1 30	11 36	1 5	21 56	0 21	19 8	0 20	21 41	0 21	2 48	1 1	16 54	0 6	23 3	23 0	21 54	10 39	0 39
T 21	10 39	22 22	0n50	17 12	1 18	3 50	1 29	11 20	1 5	21 55	0 21	19 7	0 20	21 41	0 21	2 49	1 1	16 55	0 6	23 3	23 0	21 53	10 40	0 39
W22	10 17	20 6	2 3	16 50	1 23	3 19	1 28	11 3	1 5	21 54	0 21	19 5	0 20	21 40	0 21	2 50	1 1	16 55	0 6	23 3	23 0	21 52	10 41	0 39
T 23	9 55	16 31	3 9	16 27	1 28	2 49	1 28	10 46	1 5	21 52	0 21	19 4	0 20	21 40	0 21	2 51	1 1	16 55	0 7	23 3	22 59	21 51	10 41	0 39
F 24	9 33	11 55	4 3	16 3	1 33	2 19	1 27	10 28	1 5	21 51	0 21	19 3	0 20	21 39	0 21	2 51	1 1	16 56	0 7	23 3	22 59	21 50	10 42	0 39
S 25	9 11	6 39	4 40	15 38	1 38	1 48	1 25	10 11	1 5	21 50	0 21	19 1	0 20	21 39	0 21	2 52	1 1	16 56	0 7	23 2	22 59	21 48	10 43	0 38
S 26	8 49	1 7	4 59	15 11	1 42	1 18	1 24	9 54	1 5	21 48	0 21	19 0	0 20	21 38	0 21	2 53	1 1	16 57	0 7	23 1	22 59	21 47	10 44	0 38
M27	8 26	4n22	4 59	14 44	1 46	0 47	1 23	9 36	1 5	21 47	0 21	18 59	0 20	21 38	0 21	2 54	1 1	16 57	0 7	23 1	22 59	21 46	10 45	0 38
T 28	8 4	9 28	4 42	14 16	1 50	0 17	1 22	9 19	1 4	21 46	0 21	18 57	0 20	21 37	0 21	2 55	1 1	16 57	0 7	23 0	22 59	21 45	10 45	0 38
W29	7s41	13n58	4n10	13s46	1s54	0n14	1s21	9s 1	1s 4	21s45	0n21	18s56	0n20	21s37	0s21	2n55	1s 1	16n58	0n 7	23s 0	22s58	21n44	10n46	0n38

Julian Day Number = 3060800.5, Delta T = 02h31m25s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'33, Lahiri = 47°14'33

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

MARCH 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 41 14	11♓12'08	9♉12	29♒48	4♈58	10♓ 3	17♑41	3♒23	23♑10	9♈52	12°R40	22°R 0	21♐43	6♋49	26♈40	T 1
F 2	10 45 11	12°12'58	21°40	1♓25	6°12	10°50	17°52	3°29	23°13	9°54	12♌39	21♐56	21°40	6°56	26°43	F 2
S 3	10 49 7	13°13'46	3♊50	3° 2	7°27	11°38	18° 2	3°35	23°15	9°56	12°38	21°54	21°37	7° 3	26°46	S 3
S 4	10 53 4	14°14'32	15°47	4°40	8°41	12°25	18°12	3°41	23°18	9°58	12°36	21°54	21°34	7° 9	26°49	S 4
M 5	10 57 0	15°15'18	27°36	6°19	9°56	13°12	18°22	3°47	23°20	10° 1	12°35	21°54	21°31	7°16	26°51	M 5
T 6	11 0 57	16°16'02	9♋23	7°59	11°10	13°59	18°32	3°53	23°23	10° 3	12°34	21°53	21°27	7°23	26°54	T 6
W 7	11 4 53	17°16'44	21°13	9°40	12°25	14°47	18°42	3°58	23°26	10° 5	12°33	21°50	21°24	7°29	26°57	W 7
T 8	11 8 50	18°17'25	3♌12	11°21	13°39	15°34	18°52	4° 4	23°28	10° 7	12°32	21°45	21°21	7°36	27° 0	T 8
F 9	11 12 47	19°18'05	15°22	13° 3	14°54	16°21	19° 2	4°10	23°30	10° 9	12°31	21°36	21°18	7°43	27° 3	F 9
S 10	11 16 43	20°18'43	27°47	14°47	16° 8	17° 8	19°11	4°16	23°33	10°11	12°30	21°25	21°15	7°49	27° 6	S 10
S 11	11 20 40	21°19'20	10♍28	16°30	17°22	17°56	19°21	4°21	23°35	10°13	12°29	21°12	21°11	7°56	27° 9	S 11
M12	11 24 36	22°19'55	23°25	18°15	18°36	18°43	19°30	4°27	23°38	10°16	12°28	20°58	21° 8	8° 3	27°12	M12
T 13	11 28 33	23°20'30	6♎36	20° 1	19°51	19°30	19°39	4°32	23°40	10°18	12°27	20°45	21° 5	8° 9	27°15	T 13
W14	11 32 29	24°21'03	20° 1	21°47	21° 5	20°18	19°48	4°38	23°42	10°20	12°27	20°33	21° 2	8°16	27°18	W14
T 15	11 36 26	25°21'34	3♏36	23°35	22°19	21° 5	19°57	4°43	23°44	10°22	12°26	20°24	20°59	8°23	27°21	T 15
F 16	11 40 22	26°22'05	17°20	25°23	23°33	21°52	20° 6	4°48	23°46	10°24	12°25	20°18	20°56	8°29	27°25	F 16
S 17	11 44 19	27°22'34	1♐10	27°12	24°47	22°40	20°15	4°54	23°49	10°27	12°24	20°15	20°52	8°36	27°28	S 17
S 18	11 48 16	28°23'03	15° 6	29° 2	26° 1	23°27	20°24	4°59	23°51	10°29	12°23	20°14	20°49	8°43	27°31	S 18
M19	11 52 12	29°23'30	29° 8	0♈53	27°15	24°14	20°32	5° 4	23°53	10°31	12°22	20°14	20°46	8°49	27°34	M19
T 20	11 56 9	0♈23'56	13♑15	2°44	28°29	25° 2	20°41	5° 9	23°55	10°33	12°21	20°14	20°43	8°56	27°37	T 20
W21	12 0 5	1°24'20	27°25	4°37	29°43	25°49	20°49	5°14	23°57	10°36	12°21	20°12	20°40	9° 2	27°41	W21
T 22	12 4 2	2°24'44	11♒38	6°30	0♉56	26°37	20°57	5°19	23°58	10°38	12°20	20° 7	20°37	9° 9	27°44	T 22
F 23	12 7 58	3°25'06	25°50	8°23	2°10	27°24	21° 5	5°24	24° 0	10°40	12°19	19°59	20°33	9°16	27°47	F 23
S 24	12 11 55	4°25'27	9♓58	10°17	3°24	28°11	21°13	5°29	24° 2	10°42	12°18	19°49	20°30	9°22	27°51	S 24
S 25	12 15 51	5°25'46	23°56	12°11	4°37	28°59	21°21	5°33	24° 4	10°45	12°18	19°37	20°27	9°29	27°54	S 25
M26	12 19 48	6°26'03	7♈40	14° 6	5°51	29°46	21°28	5°38	24° 5	10°47	12°17	19°25	20°24	9°36	27°57	M26
T 27	12 23 44	7°26'19	21° 7	16° 0	7° 5	0♈34	21°36	5°42	24° 7	10°49	12°16	19°14	20°21	9°42	28° 1	T 27
W28	12 27 41	8°26'34	4♉13	17°55	8°18	1°21	21°43	5°47	24° 9	10°52	12°16	19° 4	20°17	9°49	28° 4	W28
T 29	12 31 38	9°26'46	16°59	19°48	9°32	2° 8	21°50	5°51	24°10	10°54	12°15	18°57	20°14	9°56	28° 7	T 29
F 30	12 35 34	10°26'57	29°25	21°41	10°45	2°56	21°57	5°56	24°12	10°56	12°14	18°53	20°11	10° 2	28°11	F 30
S 31	12 39 31	11♈27'06	11♊36	23♈33	11♉58	3♈43	22♑ 4	6♒ 0	24♑13	10♈58	12♌14	18♐51	20♐ 8	10♋ 9	28♈14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s18	17n41	3n26	13s16	1s57	0n44	1s19	8s43	1s 4	21s43	0n21	18s54	0n20	21s37	0s21	2n56	1s 1	16n58	0n 7	22s59	22s58	21n42	10n47	0n38
F 2	6 55	20 29	2 33	12 44	1 59	1 15	1 18	8 26	1 4	21 42	0 21	18 53	0 20	21 36	0 21	2 57	1 1	16 58	0 7	22 59	22 58	21 41	10 48	0 38
S 3	6 32	22 16	1 34	12 12	2 2	1 46	1 16	8 8	1 4	21 41	0 21	18 52	0 20	21 36	0 22	2 58	1 1	16 59	0 7	22 59	22 58	21 40	10 49	0 38
S 4	6 9	23 1	0 32	11 38	2 4	2 16	1 15	7 50	1 4	21 39	0 21	18 50	0 19	21 35	0 22	2 59	1 1	16 59	0 7	22 59	22 58	21 39	10 50	0 38
M 5	5 46	22 42	0s30	11 4	2 6	2 47	1 13	7 32	1 4	21 38	0 21	18 49	0 19	21 35	0 22	2 59	1 1	17 0	0 7	22 59	22 57	21 38	10 51	0 38
T 6	5 22	21 23	1 31	10 28	2 7	3 17	1 11	7 14	1 4	21 37	0 21	18 48	0 19	21 34	0 22	3 0	1 1	17 0	0 7	22 59	22 57	21 36	10 52	0 37
W 7	4 59	19 7	2 29	9 51	2 8	3 48	1 9	6 55	1 4	21 35	0 21	18 46	0 19	21 34	0 22	3 1	1 1	17 0	0 7	22 59	22 57	21 35	10 53	0 37
T 8	4 35	16 1	3 20	9 14	2 9	4 18	1 8	6 37	1 3	21 34	0 21	18 45	0 19	21 34	0 22	3 2	1 1	17 1	0 7	22 58	22 57	21 34	10 54	0 37
F 9	4 12	12 12	4 3	8 35	2 9	4 48	1 6	6 19	1 3	21 33	0 21	18 44	0 19	21 33	0 22	3 3	1 1	17 1	0 7	22 58	22 57	21 33	10 55	0 37
S 10	3 48	7 49	4 35	7 55	2 8	5 18	1 4	6 0	1 3	21 32	0 21	18 43	0 19	21 33	0 22	3 4	1 1	17 1	0 7	22 57	22 56	21 32	10 56	0 37
S 11	3 25	3 1	4 55	7 15	2 8	5 48	1 2	5 42	1 3	21 30	0 21	18 41	0 19	21 33	0 22	3 5	1 1	17 2	0 8	22 56	22 56	21 30	10 57	0 37
M12	3 1	2s 0	5 0	6 33	2 7	6 18	1 0	5 23	1 3	21 29	0 21	18 40	0 19	21 32	0 22	3 5	1 1	17 2	0 8	22 55	22 56	21 29	10 58	0 37
T 13	2 37	7 2	4 49	5 50	2 5	6 48	0 58	5 5	1 3	21 28	0 20	18 39	0 19	21 32	0 22	3 6	1 1	17 2	0 8	22 54	22 56	21 28	10 59	0 37
W14	2 13	11 48	4 22	5 7	2 3	7 18	0 55	4 46	1 2	21 26	0 20	18 38	0 19	21 31	0 22	3 7	1 1	17 3	0 8	22 54	22 55	21 27	11 0	0 37
T 15	1 50	16 3	3 40	4 22	2 0	7 47	0 53	4 28	1 2	21 25	0 20	18 36	0 19	21 31	0 22	3 8	1 1	17 3	0 8	22 53	22 55	21 25	11 1	0 37
F 16	1 26	19 29	2 45	3 37	1 57	8 17	0 51	4 9	1 2	21 24	0 20	18 35	0 19	21 31	0 22	3 9	1 1	17 3	0 8	22 52	22 55	21 24	11 2	0 37
S 17	1 2	21 50	1 39	2 51	1 54	8 46	0 48	3 50	1 2	21 23	0 20	18 34	0 19	21 30	0 22	3 10	1 1	17 3	0 8	22 52	22 55	21 23	11 3	0 36
S 18	0 38	22 51	0 27	2 4	1 50	9 15	0 46	3 31	1 2	21 21	0 20	18 33	0 19	21 30	0 22	3 11	1 1	17 4	0 8	22 52	22 55	21 22	11 4	0 36
M19	0 14	22 26	0n47	1 16	1 45	9 43	0 43	3 13	1 1	21 20	0 20	18 32	0 19	21 30	0 22	3 11	1 1	17 4	0 8	22 52	22 54	21 20	11 5	0 36
T 20	0n 9	20 36	1 59	0 27	1 40	10 12	0 41	2 54	1 1	21 19	0 20	18 30	0 19	21 29	0 22	3 12	1 1	17 4	0 8	22 52	22 54	21 19	11 6	0 36
W21	0 33	17 30	3 3	0n22	1 35	10 40	0 38	2 35	1 1	21 18	0 20	18 29	0 19	21 29	0 22	3 13	1 1	17 5	0 8	22 52	22 54	21 18	11 7	0 36
T 22	0 57	13 21	3 57	1 12	1 29	11 8	0 36	2 16	1 1	21 17	0 20	18 28	0 19	21 29	0 22	3 14	1 1	17 5	0 8	22 52	22 54	21 17	11 8	0 36
F 23	1 21	8 28	4 35	2 3	1 22	11 36	0 33	1 57	1 1	21 15	0 20	18 27	0 19	21 29	0 22	3 15	1 1	17 5	0 8	22 51	22 54	21 15	11 9	0 36
S 24	1 45	3 10	4 57	2 54	1 14	12 3	0 30	1 38	1 0	21 14	0 20	18 26	0 18	21 28	0 22	3 16	1 1	17 5	0 8	22 50	22 53	21 14	11 10	0 36
S 25	2 8	2n13	5 0	3 45	1 7	12 31	0 28	1 19	1 0	21 13	0 20	18 25	0 18	21 28	0 22	3 17	1 1	17 6	0 8	22 49	22 53	21 13	11 11	0 36
M26	2 32	7 24	4 46	4 37	0 58	12 58	0 25	1 0	1 0	21 12	0 20	18 24	0 18	21 28	0 22	3 18	1 1	17 6	0 8	22 48	22 53	21 11	11 13	0 36
T 27	2 56	12 8	4 17	5 29	0 49	13 24	0 22	0 41	1 0	21 11	0 20	18 23	0 18	21 27	0 22	3 18	1 1	17 6	0 9	22 48	22 53	21 10	11 14	0 36
W28	3 19	16 10	3 34	6 21	0 40	13 51	0 19	0 22	0 59	21 10	0 20	18 22	0 18	21 27	0 22	3 19	1 1	17 6	0 9	22 47	22 52	21 9	11 15	0 36
T 29	3 43	19 20	2 41	7 13	0 30	14 17	0 16	0 4	0 59	21 9	0 20	18 21	0 18	21 27	0 22	3 20	1 1	17 7	0 9	22 46	22 52	21 7	11 16	0 35
F 30	4 6	21 30	1 42	8 5	0 19	14 42	0 13	0n15	0 59	21 8	0 20	18 20	0 18	21 27	0 22	3 21	1 1	17 7	0 9	22 46	22 52	21 6	11 17	0 35
S 31	4n29	22n37	0n39	8n57	0s 8	15n 7	0s11	0n34	0s58	21s 7	0n20	18s19	0n18	21s27	0s22	3n22	1s 1	17n 7	0n 9	22s46	22s52	21n 5	11n18	0n35

Julian Day Number = 3060829.5, Delta T = 02h31m26s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'37, Lahiri = 47°14'37

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

APRIL 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 43 27	12♈27'13	23♊33	25♈24	13♉12	4♈31	22♑11	6♒ 4	24♑15	11♈ 1	12°R13	18°D51	20♐ 5	10♋16	28♈18	S 1
M 2	12 47 24	13°27'17	5♋24	27°12	14°25	5°18	22°17	6° 8	24°16	11° 3	12♌13	18♐51	20° 2	10°22	28°21	M 2
T 3	12 51 20	14°27'20	17°12	28°58	15°38	6° 5	22°24	6°12	24°17	11° 5	12°12	18°R52	19°58	10°29	28°25	T 3
W 4	12 55 17	15°27'21	29° 4	0♉42	16°51	6°53	22°30	6°16	24°19	11° 7	12°12	18°51	19°55	10°36	28°28	W 4
T 5	12 59 13	16°27'20	11♌ 4	2°22	18° 4	7°40	22°36	6°20	24°20	11°10	12°11	18°47	19°52	10°42	28°32	T 5
F 6	13 3 10	17°27'16	23°18	3°58	19°17	8°27	22°42	6°24	24°21	11°12	12°11	18°42	19°49	10°49	28°35	F 6
S 7	13 7 7	18°27'11	5♍49	5°30	20°30	9°15	22°48	6°27	24°22	11°14	12°11	18°34	19°46	10°56	28°39	S 7
S 8	13 11 3	19°27'03	18°39	6°57	21°43	10° 2	22°54	6°31	24°23	11°17	12°10	18°25	19°43	11° 2	28°42	S 8
M 9	13 15 0	20°26'54	1♎50	8°18	22°56	10°49	22°59	6°35	24°24	11°19	12°10	18°14	19°39	11° 9	28°46	M 9
T 10	13 18 56	21°26'42	15°21	9°34	24° 8	11°37	23° 5	6°38	24°25	11°21	12° 9	18° 4	19°36	11°16	28°49	T 10
W11	13 22 53	22°26'29	29° 9	10°44	25°21	12°24	23°10	6°41	24°26	11°23	12° 9	17°56	19°33	11°22	28°53	W11
T 12	13 26 49	23°26'14	13♏10	11°47	26°34	13°11	23°15	6°45	24°27	11°26	12° 9	17°49	19°30	11°29	28°56	T 12
F 13	13 30 46	24°25'57	27°20	12°42	27°46	13°58	23°20	6°48	24°27	11°28	12° 8	17°45	19°27	11°35	29° 0	F 13
S 14	13 34 42	25°25'39	11♐35	13°31	28°59	14°46	23°24	6°51	24°28	11°30	12° 8	17°D43	19°23	11°42	29° 4	S 14
S 15	13 38 39	26°25'19	25°51	14°12	0♊11	15°33	23°29	6°54	24°29	11°32	12° 8	17°43	19°20	11°49	29° 7	S 15
M16	13 42 36	27°24'57	10♑ 5	14°45	1°23	16°20	23°33	6°57	24°30	11°34	12° 8	17°44	19°17	11°55	29°11	M16
T 17	13 46 32	28°24'34	24°15	15°10	2°36	17° 7	23°37	7° 0	24°30	11°37	12° 8	17°R45	19°14	12° 2	29°14	T 17
W18	13 50 29	29°24'09	8♒20	15°27	3°48	17°54	23°41	7° 2	24°31	11°39	12° 7	17°45	19°11	12° 9	29°18	W18
T 19	13 54 25	0♉23'42	22°18	15°36	5° 0	18°42	23°45	7° 5	24°31	11°41	12° 7	17°42	19° 8	12°15	29°21	T 19
F 20	13 58 22	1°23'14	6♓ 9	15°R38	6°12	19°29	23°49	7° 7	24°32	11°43	12° 7	17°38	19° 4	12°22	29°25	F 20
S 21	14 2 18	2°22'43	19°51	15°32	7°24	20°16	23°53	7°10	24°32	11°45	12° 7	17°32	19° 1	12°29	29°29	S 21
S 22	14 6 15	3°22'12	3♈21	15°18	8°36	21° 3	23°56	7°12	24°32	11°48	12° 7	17°25	18°58	12°35	29°32	S 22
M23	14 10 11	4°21'38	16°40	14°58	9°47	21°50	23°59	7°14	24°32	11°50	12° 7	17°17	18°55	12°42	29°36	M23
T 24	14 14 8	5°21'03	29°44	14°32	10°59	22°37	24° 2	7°17	24°33	11°52	12°D 7	17°10	18°52	12°49	29°39	T 24
W25	14 18 4	6°20'25	12♉32	14° 0	12°11	23°24	24° 5	7°19	24°33	11°54	12° 7	17° 4	18°48	12°55	29°43	W25
T 26	14 22 1	7°19'46	25° 5	13°23	13°22	24°11	24° 7	7°21	24°33	11°56	12° 7	17° 0	18°45	13° 2	29°46	T 26
F 27	14 25 58	8°19'05	7♊24	12°42	14°34	24°58	24°10	7°23	24°R33	11°58	12° 7	16°58	18°42	13° 9	29°50	F 27
S 28	14 29 54	9°18'21	19°30	11°57	15°45	25°45	24°12	7°24	24°33	12° 0	12° 7	16°D57	18°39	13°15	29°53	S 28
S 29	14 33 51	10°17'36	1♋26	11°11	16°56	26°32	24°14	7°26	24°33	12° 2	12° 7	16°58	18°36	13°22	29°57	S 29
M30	14 37 47	11♉16'48	13♋16	10♉23	18♊ 8	27♈19	24♑16	7♒28	24♑33	12♈ 4	12♌ 8	17♐ 0	18♐33	13♋29	0♉ 0	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n53	22n39	0s25	9n48	0n 4	15n32	0s 8	0n53	0s58	21s 6	0n20	18s18	0n18	21s26	0s22	3n23	1s 1	17n 7	0n 9	22s46	22s51	21n 3	11n19	0n35
M 2	5 16	21 40	1 27	10 38	0 16	15 57	0 5	1 12	0 58	21 4	0 20	18 17	0 18	21 26	0 22	3 24	1 1	17 7	0 9	22 46	22 51	21 2	11 20	0 35
T 3	5 39	19 44	2 25	11 27	0 28	16 21	0 1	1 31	0 57	21 3	0 20	18 16	0 18	21 26	0 22	3 25	1 1	17 8	0 9	22 46	22 51	21 1	11 22	0 35
W 4	6 2	16 56	3 18	12 15	0 40	16 45	0n 2	1 50	0 57	21 3	0 20	18 15	0 18	21 26	0 22	3 25	1 1	17 8	0 9	22 46	22 51	20 59	11 23	0 35
T 5	6 25	13 25	4 2	13 1	0 53	17 8	0 5	2 9	0 57	21 2	0 20	18 14	0 18	21 26	0 22	3 26	1 1	17 8	0 9	22 45	22 50	20 58	11 24	0 35
F 6	6 48	9 17	4 36	13 45	1 6	17 31	0 8	2 27	0 56	21 1	0 20	18 13	0 18	21 25	0 22	3 27	1 1	17 8	0 9	22 45	22 50	20 57	11 25	0 35
S 7	7 10	4 41	4 57	14 28	1 18	17 53	0 11	2 46	0 56	21 0	0 20	18 12	0 18	21 25	0 22	3 28	1 1	17 8	0 9	22 44	22 50	20 55	11 26	0 35
S 8	7 33	0s14	5 5	15 9	1 31	18 15	0 14	3 5	0 56	20 59	0 20	18 11	0 18	21 25	0 22	3 29	1 1	17 9	0 9	22 43	22 50	20 54	11 27	0 35
M 9	7 55	5 16	4 56	15 47	1 43	18 37	0 17	3 24	0 55	20 58	0 19	18 11	0 18	21 25	0 22	3 30	1 1	17 9	0 9	22 43	22 50	20 53	11 29	0 35
T 10	8 17	10 10	4 31	16 23	1 56	18 58	0 20	3 42	0 55	20 57	0 19	18 10	0 18	21 25	0 23	3 31	1 1	17 9	0 9	22 42	22 49	20 51	11 30	0 34
W11	8 39	14 40	3 50	16 56	2 7	19 19	0 24	4 1	0 55	20 56	0 19	18 9	0 18	21 25	0 23	3 31	1 1	17 9	0 9	22 41	22 49	20 50	11 31	0 34
T 12	9 1	18 25	2 54	17 26	2 18	19 39	0 27	4 20	0 54	20 55	0 19	18 8	0 18	21 24	0 23	3 32	1 1	17 9	0 9	22 40	22 49	20 49	11 32	0 34
F 13	9 23	21 8	1 47	17 53	2 29	19 58	0 30	4 38	0 54	20 55	0 19	18 7	0 18	21 24	0 23	3 33	1 1	17 9	0 10	22 40	22 49	20 47	11 33	0 34
S 14	9 45	22 31	0 33	18 16	2 38	20 18	0 33	4 57	0 54	20 54	0 19	18 7	0 17	21 24	0 23	3 34	1 1	17 9	0 10	22 40	22 48	20 46	11 35	0 34
S 15	10 6	22 26	0n44	18 37	2 47	20 36	0 36	5 15	0 53	20 53	0 19	18 6	0 17	21 24	0 23	3 35	1 1	17 9	0 10	22 40	22 48	20 44	11 36	0 34
M16	10 28	20 53	1 58	18 54	2 55	20 54	0 40	5 33	0 53	20 53	0 19	18 5	0 17	21 24	0 23	3 36	1 1	17 10	0 10	22 40	22 48	20 43	11 37	0 34
T 17	10 49	18 3	3 4	19 8	3 1	21 12	0 43	5 52	0 52	20 52	0 19	18 5	0 17	21 24	0 23	3 37	1 1	17 10	0 10	22 40	22 48	20 42	11 38	0 34
W18	11 10	14 10	3 59	19 18	3 6	21 29	0 46	6 10	0 52	20 51	0 19	18 4	0 17	21 24	0 23	3 37	1 1	17 10	0 10	22 40	22 47	20 40	11 39	0 34
T 19	11 31	9 33	4 39	19 24	3 10	21 45	0 49	6 28	0 51	20 51	0 19	18 3	0 17	21 24	0 23	3 38	1 1	17 10	0 10	22 40	22 47	20 39	11 40	0 34
F 20	11 51	4 29	5 2	19 27	3 13	22 1	0 53	6 46	0 51	20 50	0 19	18 3	0 17	21 24	0 23	3 39	1 1	17 10	0 10	22 39	22 47	20 37	11 42	0 34
S 21	12 11	0n45	5 8	19 26	3 14	22 16	0 56	7 4	0 51	20 49	0 19	18 2	0 17	21 24	0 23	3 40	1 1	17 10	0 10	22 39	22 47	20 36	11 43	0 34
S 22	12 32	5 52	4 57	19 21	3 13	22 30	0 59	7 22	0 50	20 49	0 19	18 2	0 17	21 24	0 23	3 41	1 1	17 10	0 10	22 38	22 46	20 35	11 44	0 34
M23	12 52	10 38	4 29	19 13	3 10	22 45	1 2	7 40	0 50	20 48	0 19	18 1	0 17	21 24	0 23	3 42	1 1	17 10	0 10	22 37	22 46	20 33	11 45	0 34
T 24	13 11	14 50	3 48	19 1	3 6	22 58	1 5	7 58	0 49	20 48	0 19	18 1	0 17	21 24	0 23	3 42	1 1	17 10	0 10	22 37	22 46	20 32	11 46	0 33
W25	13 31	18 15	2 56	18 46	3 0	23 11	1 8	8 15	0 49	20 48	0 19	18 0	0 17	21 24	0 23	3 43	1 2	17 10	0 10	22 36	22 45	20 30	11 48	0 33
T 26	13 50	20 45	1 56	18 28	2 53	23 23	1 11	8 33	0 48	20 47	0 19	18 0	0 17	21 24	0 23	3 44	1 2	17 10	0 10	22 36	22 45	20 29	11 49	0 33
F 27	14 9	22 12	0 52	18 7	2 44	23 34	1 15	8 50	0 48	20 47	0 19	17 59	0 17	21 24	0 23	3 45	1 2	17 10	0 10	22 36	22 45	20 27	11 50	0 33
S 28	14 28	22 35	0s14	17 43	2 33	23 45	1 18	9 8	0 47	20 46	0 19	17 59	0 17	21 24	0 23	3 45	1 2	17 10	0 10	22 35	22 45	20 26	11 51	0 33
S 29	14 46	21 55	1 18	17 17	2 21	23 56	1 21	9 25	0 47	20 46	0 19	17 59	0 17	21 24	0 23	3 46	1 2	17 10	0 10	22 36	22 44	20 25	11 52	0 33
M30	15n 5	20n16	2s19	16n50	2n 8	24n 5	1n24	9n42	0s47	20s46	0n19	17s58	0n17	21s24	0s23	3n47	1s 2	17n10	0n11	22s36	22s44	20n23	11n53	0n33

Julian Day Number = 3060860.5, Delta T = 02h31m27s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'41, Lahiri = 47°14'42

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

MAY 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 41 44	12♉15'58	25♋ 4	9°R35	19♊19	28♈ 6	24♏18	7♒29	24°R33	12♈ 6	12♎ 8	17♐ 2	18♐29	13♋35	0♉ 4	T 1
W 2	14 45 40	13°15'06	6♎56	8♉47	20°30	28°53	24°19	7°30	24♏32	12° 8	12° 8	17° 3	18°26	13°42	0° 7	W 2
T 3	14 49 37	14°14'12	18°56	8° 1	21°41	29°40	24°20	7°32	24°32	12°10	12° 8	17°R 3	18°23	13°49	0°11	T 3
F 4	14 53 33	15°13'16	1♍10	7°17	22°51	0♉27	24°22	7°33	24°32	12°12	12° 8	17° 2	18°20	13°55	0°14	F 4
S 5	14 57 30	16°12'17	13°41	6°36	24° 2	1°13	24°22	7°34	24°31	12°14	12° 9	16°59	18°17	14° 2	0°18	S 5
S 6	15 1 27	17°11'16	26°34	5°59	25°13	2° 0	24°23	7°35	24°31	12°16	12° 9	16°55	18°14	14° 9	0°21	S 6
M 7	15 5 23	18°10'13	9♎50	5°25	26°23	2°47	24°24	7°36	24°31	12°18	12° 9	16°51	18°10	14°15	0°25	M 7
T 8	15 9 20	19° 9'07	23°30	4°57	27°33	3°33	24°24	7°37	24°30	12°20	12°10	16°46	18° 7	14°22	0°28	T 8
W 9	15 13 16	20° 8'00	7♏33	4°33	28°44	4°20	24°24	7°37	24°30	12°22	12°10	16°43	18° 4	14°29	0°32	W 9
T 10	15 17 13	21° 6'51	21°55	4°14	29°54	5° 7	24°R24	7°38	24°29	12°24	12°10	16°40	18° 1	14°35	0°35	T 10
F 11	15 21 9	22° 5'40	6♐29	4° 0	1♋ 4	5°53	24°24	7°39	24°28	12°26	12°11	16°38	17°58	14°42	0°38	F 11
S 12	15 25 6	23° 4'27	21°11	3°52	2°14	6°40	24°24	7°39	24°28	12°28	12°11	16°D38	17°54	14°49	0°42	S 12
S 13	15 29 2	24° 3'13	5♑53	3°D49	3°24	7°26	24°23	7°39	24°27	12°30	12°12	16°39	17°51	14°55	0°45	S 13
M14	15 32 59	25° 1'57	20°29	3°51	4°33	8°13	24°23	7°39	24°26	12°31	12°12	16°40	17°48	15° 2	0°48	M14
T 15	15 36 56	26° 0'39	4♒55	3°58	5°43	8°59	24°22	7°40	24°25	12°33	12°13	16°42	17°45	15° 9	0°52	T 15
W16	15 40 52	26°59'19	19° 7	4°10	6°52	9°46	24°20	7°R40	24°24	12°35	12°13	16°42	17°42	15°15	0°55	W16
T 17	15 44 49	27°57'58	3♓ 4	4°26	8° 2	10°32	24°19	7°39	24°23	12°37	12°14	16°R42	17°39	15°22	0°58	T 17
F 18	15 48 45	28°56'35	16°45	4°48	9°11	11°18	24°18	7°39	24°22	12°38	12°14	16°42	17°35	15°29	1° 2	F 18
S 19	15 52 42	29°55'11	0♈10	5°14	10°20	12° 5	24°16	7°39	24°21	12°40	12°15	16°40	17°32	15°35	1° 5	S 19
S 20	15 56 38	0♊53'45	13°20	5°44	11°29	12°51	24°14	7°39	24°20	12°42	12°15	16°38	17°29	15°42	1° 8	S 20
M21	16 0 35	1°52'18	26°15	6°18	12°38	13°37	24°12	7°38	24°19	12°43	12°16	16°36	17°26	15°48	1°11	M21
T 22	16 4 31	2°50'49	8♉56	6°56	13°47	14°23	24°10	7°38	24°18	12°45	12°17	16°34	17°23	15°55	1°14	T 22
W23	16 8 28	3°49'18	21°25	7°38	14°55	15°10	24° 7	7°37	24°17	12°47	12°17	16°32	17°20	16° 2	1°18	W23
T 24	16 12 25	4°47'46	3♊42	8°24	16° 4	15°56	24° 5	7°36	24°15	12°48	12°18	16°31	17°16	16° 8	1°21	T 24
F 25	16 16 21	5°46'12	15°49	9°13	17°12	16°42	24° 2	7°35	24°14	12°50	12°19	16°D31	17°13	16°15	1°24	F 25
S 26	16 20 18	6°44'36	27°48	10° 5	18°20	17°28	23°59	7°34	24°13	12°51	12°20	16°31	17°10	16°22	1°27	S 26
S 27	16 24 14	7°42'59	9♋40	11° 1	19°28	18°14	23°56	7°33	24°11	12°53	12°20	16°32	17° 7	16°28	1°30	S 27
M28	16 28 11	8°41'19	21°29	11°59	20°36	19° 0	23°53	7°32	24°10	12°54	12°21	16°33	17° 4	16°35	1°33	M28
T 29	16 32 7	9°39'38	3♎18	13° 1	21°43	19°46	23°49	7°31	24° 8	12°56	12°22	16°34	17° 0	16°42	1°36	T 29
W30	16 36 4	10°37'54	15°10	14° 5	22°51	20°32	23°45	7°29	24° 7	12°57	12°23	16°34	16°57	16°48	1°39	W30
T 31	16 40 1	11♊36'09	27♎10	15♉12	23♋58	21♉17	23♏42	7♒28	24♏ 5	12♈59	12♎24	16♐35	16♐54	16♋55	1♉42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n23	17n45	3s13	16n21	1n53	24n14	1n27	9n59	0s46	20s46	0n19	17s58	0n17	21s24	0s23	3n48	1s 2	17n10	0n11	22s36	22s44	20n22	11n55	0n33
W 2	15 41	14 30	4 0	15 51	1 38	24 23	1 30	10 16	0 46	20 45	0 18	17 58	0 17	21 24	0 23	3 49	1 2	17 10	0 11	22 36	22 44	20 20	11 56	0 33
T 3	15 58	10 37	4 36	15 21	1 22	24 30	1 32	10 33	0 45	20 45	0 18	17 57	0 17	21 24	0 23	3 49	1 2	17 10	0 11	22 36	22 43	20 19	11 57	0 33
F 4	16 15	6 16	5 1	14 51	1 6	24 37	1 35	10 50	0 45	20 45	0 18	17 57	0 17	21 24	0 23	3 50	1 2	17 10	0 11	22 36	22 43	20 17	11 58	0 33
S 5	16 32	1 32	5 13	14 22	0 49	24 44	1 38	11 6	0 44	20 45	0 18	17 57	0 16	21 24	0 23	3 51	1 2	17 10	0 11	22 36	22 43	20 16	11 59	0 33
S 6	16 49	3s22	5 9	13 54	0 32	24 49	1 41	11 23	0 44	20 45	0 18	17 57	0 16	21 24	0 23	3 52	1 2	17 10	0 11	22 35	22 42	20 14	12 0	0 33
M 7	17 5	8 17	4 49	13 27	0 15	24 54	1 44	11 39	0 43	20 45	0 18	17 57	0 16	21 25	0 23	3 52	1 2	17 10	0 11	22 35	22 42	20 13	12 2	0 33
T 8	17 21	12 57	4 12	13 2	0s 1	24 59	1 46	11 55	0 42	20 45	0 18	17 56	0 16	21 25	0 23	3 53	1 2	17 10	0 11	22 34	22 42	20 11	12 3	0 33
W 9	17 37	17 2	3 19	12 39	0 18	25 2	1 49	12 12	0 42	20 45	0 18	17 56	0 16	21 25	0 23	3 54	1 2	17 10	0 11	22 34	22 42	20 10	12 4	0 33
T 10	17 53	20 12	2 12	12 17	0 33	25 5	1 52	12 27	0 41	20 45	0 18	17 56	0 16	21 25	0 23	3 54	1 2	17 10	0 11	22 34	22 41	20 8	12 5	0 32
F 11	18 8	22 7	0 56	11 59	0 49	25 7	1 54	12 43	0 41	20 45	0 18	17 56	0 16	21 25	0 23	3 55	1 2	17 10	0 11	22 34	22 41	20 7	12 6	0 32
S 12	18 22	22 31	0n25	11 42	1 3	25 9	1 57	12 59	0 40	20 45	0 18	17 56	0 16	21 25	0 23	3 56	1 2	17 10	0 11	22 34	22 41	20 5	12 7	0 32
S 13	18 37	21 22	1 44	11 28	1 17	25 10	1 59	13 15	0 40	20 45	0 18	17 56	0 16	21 25	0 23	3 56	1 2	17 10	0 11	22 34	22 41	20 4	12 8	0 32
M14	18 51	18 47	2 56	11 16	1 31	25 10	2 1	13 30	0 39	20 45	0 18	17 56	0 16	21 26	0 23	3 57	1 2	17 10	0 11	22 34	22 40	20 2	12 9	0 32
T 15	19 5	15 3	3 56	11 7	1 43	25 10	2 4	13 45	0 39	20 46	0 18	17 56	0 16	21 26	0 24	3 58	1 2	17 10	0 11	22 34	22 40	20 1	12 10	0 32
W16	19 19	10 31	4 40	11 0	1 55	25 9	2 6	14 0	0 38	20 46	0 18	17 56	0 16	21 26	0 24	3 58	1 2	17 10	0 11	22 34	22 40	19 59	12 11	0 32
T 17	19 32	5 30	5 7	10 55	2 5	25 7	2 8	14 15	0 38	20 46	0 18	17 56	0 16	21 26	0 24	3 59	1 2	17 10	0 11	22 34	22 39	19 58	12 13	0 32
F 18	19 45	0 20	5 16	10 53	2 15	25 5	2 10	14 30	0 37	20 47	0 18	17 56	0 16	21 26	0 24	4 0	1 2	17 10	0 12	22 34	22 39	19 56	12 14	0 32
S 19	19 57	4n46	5 7	10 52	2 25	25 1	2 12	14 45	0 36	20 47	0 18	17 56	0 16	21 26	0 24	4 0	1 2	17 9	0 12	22 34	22 39	19 55	12 15	0 32
S 20	20 9	9 33	4 42	10 54	2 33	24 58	2 14	14 59	0 36	20 47	0 17	17 56	0 16	21 27	0 24	4 1	1 2	17 9	0 12	22 34	22 38	19 53	12 16	0 32
M21	20 21	13 50	4 4	10 58	2 40	24 53	2 16	15 14	0 35	20 48	0 17	17 57	0 16	21 27	0 24	4 2	1 2	17 9	0 12	22 33	22 38	19 52	12 17	0 32
T 22	20 32	17 24	3 13	11 4	2 47	24 48	2 18	15 28	0 35	20 48	0 17	17 57	0 16	21 27	0 24	4 2	1 2	17 9	0 12	22 33	22 38	19 50	12 18	0 32
W23	20 44	20 7	2 15	11 12	2 53	24 43	2 20	15 42	0 34	20 49	0 17	17 57	0 16	21 27	0 24	4 3	1 2	17 9	0 12	22 33	22 38	19 49	12 19	0 32
T 24	20 54	21 51	1 10	11 22	2 58	24 36	2 21	15 55	0 33	20 49	0 17	17 57	0 15	21 28	0 24	4 3	1 2	17 9	0 12	22 33	22 37	19 47	12 20	0 32
F 25	21 5	22 32	0 4	11 33	3 3	24 29	2 23	16 9	0 33	20 50	0 17	17 58	0 15	21 28	0 24	4 4	1 2	17 9	0 12	22 33	22 37	19 46	12 21	0 32
S 26	21 14	22 10	1s 2	11 45	3 6	24 22	2 24	16 23	0 32	20 50	0 17	17 58	0 15	21 28	0 24	4 4	1 2	17 9	0 12	22 33	22 37	19 44	12 22	0 32
S 27	21 24	20 48	2 5	12 0	3 9	24 14	2 26	16 36	0 32	20 51	0 17	17 58	0 15	21 28	0 24	4 5	1 2	17 8	0 12	22 33	22 36	19 43	12 23	0 31
M28	21 33	18 31	3 2	12 15	3 11	24 5	2 27	16 49	0 31	20 52	0 17	17 59	0 15	21 29	0 24	4 6	1 2	17 8	0 12	22 33	22 36	19 41	12 24	0 31
T 29	21 42	15 29	3 52	12 32	3 13	23 55	2 28	17 2	0 30	20 52	0 17	17 59	0 15	21 29	0 24	4 6	1 2	17 8	0 12	22 33	22 36	19 39	12 25	0 31
W30	21 50	11 49	4 31	12 50	3 14	23 46	2 29	17 15	0 30	20 53	0 17	17 59	0 15	21 29	0 24	4 7	1 3	17 8	0 12	22 33	22 35	19 38	12 26	0 31
T 31	21n58	7n39	5s 0	13n 9	3s14	23n35	2n30	17n27	0s29	20s54	0n17	18s 0	0n15	21s30	0s24	4n 7	1s 3	17n 8	0n12	22s33	22s35	19n36	12n27	0n31

Julian Day Number = 3060890.5, Delta T = 02h31m27s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'45, Lahiri = 47°14'46

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

JUNE 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 43 57	12♊34'22	9♍22	16♉22	25♋ 5	22♉ 3	23°R38	7°R26	24°R 4	13♈ 0	12♌25	16°R35	16♐51	17♋ 2	1♉45	F 1
S 2	16 47 54	13°32'33	21°50	17°34	26°12	22°49	23♑34	7♒25	24♑ 2	13° 1	12°25	16♐35	16°48	17° 8	1°47	S 2
S 3	16 51 50	14°30'42	4♎39	18°49	27°19	23°35	23°29	7°23	24° 0	13° 3	12°26	16°35	16°45	17°15	1°50	S 3
M 4	16 55 47	15°28'49	17°52	20° 6	28°26	24°20	23°25	7°21	23°59	13° 4	12°27	16°35	16°41	17°22	1°53	M 4
T 5	16 59 43	16°26'54	1♏31	21°25	29°32	25° 6	23°20	7°19	23°57	13° 5	12°28	16°D34	16°38	17°28	1°56	T 5
W 6	17 3 40	17°24'58	15°37	22°47	0♌38	25°51	23°15	7°17	23°55	13° 6	12°29	16°34	16°35	17°35	1°59	W 6
T 7	17 7 36	18°23'00	0♐ 6	24°11	1°44	26°37	23°10	7°15	23°53	13° 8	12°30	16°35	16°32	17°42	2° 1	T 7
F 8	17 11 33	19°21'00	14°54	25°38	2°50	27°22	23° 5	7°13	23°51	13° 9	12°31	16°R35	16°29	17°48	2° 4	F 8
S 9	17 15 30	20°18'59	29°55	27° 6	3°56	28° 8	23° 0	7°11	23°50	13°10	12°32	16°35	16°26	17°55	2° 7	S 9
S 10	17 19 26	21°16'56	14♑59	28°37	5° 1	28°53	22°55	7° 9	23°48	13°11	12°33	16°34	16°22	18° 2	2° 9	S 10
M11	17 23 23	22°14'52	29°59	0♊10	6° 6	29°38	22°49	7° 6	23°46	13°12	12°34	16°34	16°19	18° 8	2°12	M11
T 12	17 27 19	23°12'47	14♒45	1°45	7°11	0♊24	22°44	7° 4	23°44	13°13	12°35	16°33	16°16	18°15	2°14	T 12
W13	17 31 16	24°10'41	29°13	3°23	8°16	1° 9	22°38	7° 1	23°42	13°14	12°37	16°32	16°13	18°22	2°17	W13
T 14	17 35 12	25° 8'33	13♓19	5° 2	9°20	1°54	22°32	6°59	23°40	13°15	12°38	16°32	16°10	18°28	2°19	T 14
F 15	17 39 9	26° 6'24	27° 1	6°44	10°25	2°39	22°26	6°56	23°38	13°16	12°39	16°D32	16° 6	18°35	2°22	F 15
S 16	17 43 5	27° 4'15	10♈20	8°28	11°29	3°24	22°20	6°53	23°35	13°17	12°40	16°32	16° 3	18°42	2°24	S 16
S 17	17 47 2	28° 2'04	23°19	10°14	12°32	4° 9	22°13	6°50	23°33	13°18	12°41	16°33	16° 0	18°48	2°26	S 17
M18	17 50 59	28°59'52	5♉59	12° 2	13°36	4°54	22° 7	6°47	23°31	13°19	12°42	16°34	15°57	18°55	2°29	M18
T 19	17 54 55	29°57'39	18°25	13°53	14°39	5°39	22° 1	6°44	23°29	13°20	12°44	16°35	15°54	19° 2	2°31	T 19
W20	17 58 52	0♋55'25	0♊38	15°45	15°42	6°24	21°54	6°41	23°27	13°21	12°45	16°36	15°51	19° 8	2°33	W20
T 21	18 2 48	1°53'11	12°41	17°40	16°45	7° 9	21°47	6°38	23°25	13°22	12°46	16°R36	15°47	19°15	2°35	T 21
F 22	18 6 45	2°50'55	24°38	19°37	17°47	7°53	21°40	6°35	23°22	13°22	12°47	16°36	15°44	19°22	2°37	F 22
S 23	18 10 41	3°48'37	6♋30	21°36	18°49	8°38	21°34	6°31	23°20	13°23	12°48	16°35	15°41	19°28	2°40	S 23
S 24	18 14 38	4°46'19	18°19	23°37	19°51	9°23	21°27	6°28	23°18	13°24	12°50	16°33	15°38	19°35	2°42	S 24
M25	18 18 34	5°43'59	0♌ 8	25°39	20°52	10° 7	21°20	6°24	23°16	13°24	12°51	16°31	15°35	19°42	2°44	M25
T 26	18 22 31	6°41'39	11°58	27°44	21°53	10°52	21°12	6°21	23°13	13°25	12°52	16°28	15°32	19°48	2°46	T 26
W27	18 26 28	7°39'17	23°53	29°50	22°54	11°36	21° 5	6°17	23°11	13°26	12°54	16°24	15°28	19°55	2°47	W27
T 28	18 30 24	8°36'53	5♍55	1♋58	23°54	12°21	20°58	6°14	23° 9	13°26	12°55	16°21	15°25	20° 2	2°49	T 28
F 29	18 34 21	9°34'29	18° 8	4° 7	24°54	13° 5	20°51	6°10	23° 6	13°27	12°56	16°19	15°22	20° 8	2°51	F 29
S 30	18 38 17	10♋32'03	0♎35	6♋18	25♌54	13♊50	20♑43	6♒ 6	23♑ 4	13♈27	12♌58	16♐17	15♐19	20♋15	2♉53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 6	3n 7	5s15	13n29	3s14	23n24	2n31	17n39	0s29	20s54	0n17	18s 0	0n15	21s30	0s24	4n 8	1s 3	17n 7	0n12	22s33	22s35	19n35	12n28	0n31
S 2	22 13	1s39	5 16	13 50	3 13	23 12	2 32	17 52	0 28	20 55	0 16	18 1	0 15	21 30	0 24	4 8	1 3	17 7	0 12	22 33	22 35	19 33	12 29	0 31
S 3	22 20	6 28	5 2	14 12	3 11	23 0	2 32	18 4	0 27	20 56	0 16	18 1	0 15	21 30	0 24	4 9	1 3	17 7	0 12	22 33	22 34	19 32	12 30	0 31
M 4	22 26	11 8	4 32	14 35	3 8	22 47	2 33	18 15	0 27	20 57	0 16	18 2	0 15	21 31	0 24	4 9	1 3	17 7	0 13	22 33	22 34	19 30	12 30	0 31
T 5	22 32	15 25	3 45	14 58	3 6	22 34	2 33	18 27	0 26	20 58	0 16	18 2	0 15	21 31	0 24	4 9	1 3	17 7	0 13	22 33	22 34	19 28	12 31	0 31
W 6	22 38	18 59	2 44	15 22	3 2	22 20	2 34	18 38	0 25	20 59	0 16	18 3	0 15	21 31	0 24	4 10	1 3	17 6	0 13	22 33	22 33	19 27	12 32	0 31
T 7	22 43	21 28	1 30	15 46	2 58	22 6	2 34	18 49	0 25	20 59	0 16	18 3	0 15	21 32	0 24	4 10	1 3	17 6	0 13	22 33	22 33	19 25	12 33	0 31
F 8	22 48	22 32	0 9	16 11	2 53	21 51	2 34	19 0	0 24	21 0	0 16	18 4	0 15	21 32	0 24	4 11	1 3	17 6	0 13	22 33	22 33	19 24	12 34	0 31
S 9	22 52	22 0	1n13	16 36	2 48	21 36	2 34	19 11	0 23	21 1	0 16	18 5	0 14	21 32	0 24	4 11	1 3	17 6	0 13	22 33	22 32	19 22	12 35	0 31
S 10	22 56	19 53	2 31	17 2	2 43	21 20	2 34	19 22	0 23	21 2	0 16	18 5	0 14	21 33	0 24	4 12	1 3	17 6	0 13	22 33	22 32	19 20	12 36	0 31
M11	23 0	16 25	3 39	17 27	2 36	21 4	2 34	19 32	0 22	21 3	0 16	18 6	0 14	21 33	0 24	4 12	1 3	17 5	0 13	22 33	22 32	19 19	12 37	0 31
T 12	23 3	11 57	4 30	17 53	2 30	20 47	2 33	19 42	0 21	21 4	0 16	18 7	0 14	21 34	0 24	4 12	1 3	17 5	0 13	22 33	22 31	19 17	12 37	0 31
W13	23 6	6 54	5 3	18 18	2 23	20 30	2 33	19 52	0 21	21 5	0 16	18 7	0 14	21 34	0 24	4 13	1 3	17 5	0 13	22 33	22 31	19 16	12 38	0 31
T 14	23 8	1 37	5 17	18 44	2 15	20 12	2 32	20 2	0 20	21 6	0 15	18 8	0 14	21 34	0 24	4 13	1 3	17 5	0 13	22 33	22 31	19 14	12 39	0 30
F 15	23 10	3n36	5 12	19 9	2 7	19 54	2 32	20 11	0 19	21 7	0 15	18 9	0 14	21 35	0 24	4 13	1 3	17 4	0 13	22 33	22 30	19 12	12 40	0 30
S 16	23 12	8 31	4 51	19 34	1 59	19 36	2 31	20 20	0 19	21 9	0 15	18 10	0 14	21 35	0 24	4 14	1 3	17 4	0 13	22 33	22 30	19 11	12 40	0 30
S 17	23 13	12 55	4 14	19 58	1 50	19 17	2 30	20 29	0 18	21 10	0 15	18 10	0 14	21 35	0 24	4 14	1 3	17 4	0 13	22 33	22 30	19 9	12 41	0 30
M18	23 13	16 39	3 27	20 22	1 41	18 58	2 29	20 38	0 17	21 11	0 15	18 11	0 14	21 36	0 24	4 14	1 3	17 3	0 13	22 33	22 29	19 7	12 42	0 30
T 19	23 13	19 33	2 30	20 45	1 31	18 38	2 27	20 47	0 17	21 12	0 15	18 12	0 14	21 36	0 24	4 15	1 3	17 3	0 13	22 33	22 29	19 6	12 43	0 30
W20	23 13	21 31	1 27	21 7	1 21	18 19	2 26	20 55	0 16	21 13	0 15	18 13	0 14	21 37	0 24	4 15	1 3	17 3	0 13	22 33	22 29	19 4	12 43	0 30
T 21	23 13	22 28	0 22	21 29	1 11	17 58	2 24	21 3	0 15	21 14	0 15	18 14	0 14	21 37	0 24	4 15	1 3	17 3	0 13	22 33	22 28	19 2	12 44	0 30
F 22	23 12	22 23	0s44	21 49	1 1	17 38	2 23	21 11	0 15	21 15	0 15	18 14	0 14	21 37	0 24	4 15	1 3	17 2	0 14	22 33	22 28	19 1	12 45	0 30
S 23	23 10	21 16	1 48	22 8	0 50	17 17	2 21	21 19	0 14	21 17	0 15	18 15	0 14	21 38	0 24	4 16	1 3	17 2	0 14	22 33	22 28	18 59	12 45	0 30
S 24	23 8	19 14	2 46	22 25	0 39	16 56	2 19	21 26	0 13	21 18	0 14	18 16	0 13	21 38	0 24	4 16	1 4	17 2	0 14	22 33	22 27	18 58	12 46	0 30
M25	23 6	16 23	3 38	22 41	0 29	16 34	2 17	21 34	0 12	21 19	0 14	18 17	0 13	21 38	0 24	4 16	1 4	17 1	0 14	22 33	22 27	18 56	12 47	0 30
T 26	23 3	12 53	4 20	22 54	0 18	16 12	2 14	21 41	0 12	21 20	0 14	18 18	0 13	21 39	0 24	4 16	1 4	17 1	0 14	22 33	22 27	18 54	12 47	0 30
W27	23 0	8 51	4 51	23 6	0 7	15 50	2 12	21 47	0 11	21 21	0 14	18 19	0 13	21 39	0 24	4 16	1 4	17 1	0 14	22 32	22 26	18 53	12 48	0 30
T 28	22 57	4 27	5 10	23 16	0n 4	15 28	2 9	21 54	0 10	21 23	0 14	18 20	0 13	21 40	0 24	4 17	1 4	17 0	0 14	22 32	22 26	18 51	12 49	0 30
F 29	22 53	0s11	5 15	23 24	0 14	15 5	2 7	22 0	0 10	21 24	0 14	18 21	0 13	21 40	0 24	4 17	1 4	17 0	0 14	22 32	22 26	18 49	12 49	0 30
S 30	22n49	4s54	5s 5	23n29	0n25	14n43	2n 4	22n 6	0s 9	21s25	0n14	18s22	0n13	21s41	0s25	4n17	1s 4	17n 0	0n14	22s32	22s25	18n48	12n50	0n30

Julian Day Number = 3060921.5, Delta T = 02h31m28s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'50, Lahiri = 47°14'50

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

JULY 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 42 14	11♋29'36	13♎20	8♋29	26♌53	14♊34	20°R36	6°R 3	23°R 2	13♈28	12♌59	16°D17	15♐16	20♋22	2♉55	S 1
M 2	18 46 10	12°27'07	26°27	10°41	27°52	15°18	20♏28	5♒59	22♏59	13°28	13° 0	16♐18	15°12	20°28	2°56	M 2
T 3	18 50 7	13°24'38	9♏58	12°53	28°51	16° 2	20°21	5°55	22°57	13°29	13° 2	16°19	15° 9	20°35	2°58	T 3
W 4	18 54 3	14°22'07	23°56	15° 5	29°49	16°46	20°13	5°51	22°54	13°29	13° 3	16°20	15° 6	20°42	3° 0	W 4
T 5	18 58 0	15°19'36	8♐20	17°17	0♍46	17°30	20° 6	5°47	22°52	13°29	13° 5	16°22	15° 3	20°49	3° 1	T 5
F 6	19 1 57	16°17'03	23° 7	19°29	1°43	18°14	19°58	5°43	22°49	13°30	13° 6	16°R22	15° 0	20°55	3° 3	F 6
S 7	19 5 53	17°14'29	8♑12	21°40	2°40	18°58	19°50	5°39	22°47	13°30	13° 8	16°20	14°57	21° 2	3° 4	S 7
S 8	19 9 50	18°11'55	23°27	23°51	3°36	19°42	19°43	5°35	22°45	13°30	13° 9	16°17	14°53	21° 9	3° 6	S 8
M 9	19 13 46	19° 9'20	8♒40	26° 0	4°32	20°26	19°35	5°31	22°42	13°30	13°10	16°13	14°50	21°15	3° 7	M 9
T 10	19 17 43	20° 6'44	23°43	28° 7	5°27	21°10	19°27	5°27	22°40	13°30	13°12	16° 9	14°47	21°22	3° 8	T 10
W11	19 21 39	21° 4'08	8♓26	0♌13	6°22	21°53	19°20	5°22	22°37	13°31	13°13	16° 4	14°44	21°29	3°10	W11
T 12	19 25 36	22° 1'31	22°44	2°18	7°16	22°37	19°12	5°18	22°35	13°31	13°15	16° 0	14°41	21°35	3°11	T 12
F 13	19 29 33	22°58'53	6♈34	4°20	8° 9	23°20	19° 4	5°14	22°32	13°31	13°16	15°57	14°38	21°42	3°12	F 13
S 14	19 33 29	23°56'16	19°56	6°21	9° 2	24° 4	18°57	5°10	22°30	13°31	13°18	15°D56	14°34	21°49	3°13	S 14
S 15	19 37 26	24°53'38	2♉52	8°20	9°54	24°47	18°49	5° 5	22°27	13°R31	13°19	15°56	14°31	21°55	3°14	S 15
M16	19 41 22	25°51'00	15°27	10°16	10°46	25°31	18°42	5° 1	22°25	13°31	13°21	15°58	14°28	22° 2	3°15	M16
T 17	19 45 19	26°48'22	27°44	12°11	11°37	26°14	18°34	4°57	22°22	13°31	13°22	15°59	14°25	22° 9	3°16	T 17
W18	19 49 15	27°45'43	9♊48	14° 3	12°27	26°57	18°27	4°52	22°20	13°31	13°24	16° 0	14°22	22°15	3°17	W18
T 19	19 53 12	28°43'05	21°44	15°53	13°17	27°41	18°19	4°48	22°18	13°31	13°25	16°R 0	14°18	22°22	3°18	T 19
F 20	19 57 8	29°40'26	3♋34	17°41	14° 6	28°24	18°12	4°43	22°15	13°30	13°27	15°59	14°15	22°29	3°19	F 20
S 21	20 1 5	0♌37'46	15°22	19°26	14°54	29° 7	18° 4	4°39	22°13	13°30	13°28	15°55	14°12	22°35	3°20	S 21
S 22	20 5 2	1°35'07	27°11	21° 9	15°41	29°50	17°57	4°35	22°10	13°30	13°30	15°49	14° 9	22°42	3°20	S 22
M23	20 8 58	2°32'27	9♌ 2	22°50	16°28	0♋33	17°50	4°30	22° 8	13°30	13°32	15°42	14° 6	22°49	3°21	M23
T 24	20 12 55	3°29'47	20°57	24°29	17°13	1°16	17°43	4°26	22° 6	13°29	13°33	15°33	14° 3	22°55	3°22	T 24
W25	20 16 51	4°27'06	2♍59	26° 6	17°58	1°59	17°35	4°21	22° 3	13°29	13°35	15°24	13°59	23° 2	3°22	W25
T 26	20 20 48	5°24'25	15° 8	27°40	18°42	2°41	17°28	4°17	22° 1	13°29	13°36	15°15	13°56	23° 9	3°23	T 26
F 27	20 24 44	6°21'43	27°27	29°12	19°25	3°24	17°22	4°12	21°58	13°28	13°38	15° 8	13°53	23°15	3°23	F 27
S 28	20 28 41	7°19'01	9♎58	0♍41	20° 7	4° 7	17°15	4° 8	21°56	13°28	13°39	15° 3	13°50	23°22	3°23	S 28
S 29	20 32 37	8°16'19	22°43	2° 9	20°48	4°49	17° 8	4° 3	21°54	13°28	13°41	14°59	13°47	23°29	3°24	S 29
M30	20 36 34	9°13'37	5♏47	3°34	21°28	5°32	17° 1	3°59	21°51	13°27	13°43	14°D58	13°44	23°35	3°24	M30
T 31	20 40 31	10♌10'54	19♏11	4♍56	22♍ 7	6♋15	16♏55	3♒55	21♏49	13♈27	13♌44	14♐58	13♐40	23♋42	3♉24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n44	9s32	4s40	23n32	0n35	14n20	2n 1	22n12	0s 8	21s26	0n14	18s23	0n13	21s41	0s25	4n17	1s 4	16n59	0n14	22s31	22s25	18n46	12n50	0n30
M 2	22 39	13 51	4 1	23 32	0 44	13 57	1 57	22 18	0 7	21 27	0 14	18 24	0 13	21 41	0 25	4 17	1 4	16 59	0 14	22 32	22 25	18 44	12 51	0 30
T 3	22 33	17 38	3 7	23 30	0 54	13 33	1 54	22 23	0 7	21 29	0 13	18 25	0 13	21 42	0 25	4 17	1 4	16 59	0 14	22 32	22 24	18 42	12 51	0 30
W 4	22 27	20 32	2 0	23 25	1 2	13 10	1 50	22 28	0 6	21 30	0 13	18 26	0 13	21 42	0 25	4 17	1 4	16 58	0 14	22 32	22 24	18 41	12 52	0 29
T 5	22 21	22 13	0 44	23 17	1 11	12 46	1 47	22 33	0 5	21 31	0 13	18 27	0 13	21 43	0 25	4 18	1 4	16 58	0 14	22 32	22 24	18 39	12 52	0 29
F 6	22 14	22 26	0n37	23 7	1 18	12 22	1 43	22 38	0 5	21 32	0 13	18 28	0 13	21 43	0 25	4 18	1 4	16 58	0 14	22 32	22 23	18 37	12 53	0 29
S 7	22 7	21 2	1 57	22 54	1 25	11 58	1 39	22 42	0 4	21 34	0 13	18 29	0 13	21 43	0 25	4 18	1 4	16 57	0 14	22 32	22 23	18 36	12 53	0 29
S 8	22 0	18 6	3 9	22 38	1 31	11 34	1 34	22 47	0 3	21 35	0 13	18 30	0 12	21 44	0 25	4 18	1 4	16 57	0 14	22 32	22 23	18 34	12 54	0 29
M 9	21 52	13 56	4 8	22 21	1 37	11 10	1 30	22 51	0 2	21 36	0 13	18 31	0 12	21 44	0 25	4 18	1 4	16 57	0 15	22 31	22 22	18 32	12 54	0 29
T 10	21 44	8 57	4 48	22 1	1 42	10 45	1 25	22 54	0 2	21 37	0 13	18 32	0 12	21 45	0 25	4 18	1 4	16 56	0 15	22 31	22 22	18 31	12 54	0 29
W11	21 35	3 33	5 9	21 39	1 46	10 21	1 20	22 58	0 1	21 38	0 12	18 34	0 12	21 45	0 25	4 18	1 4	16 56	0 15	22 30	22 22	18 29	12 55	0 29
T 12	21 26	1n53	5 10	21 14	1 49	9 56	1 15	23 1	0 0	21 40	0 12	18 35	0 12	21 45	0 25	4 18	1 4	16 56	0 15	22 30	22 21	18 27	12 55	0 29
F 13	21 17	7 3	4 52	20 48	1 51	9 32	1 10	23 4	0n 0	21 41	0 12	18 36	0 12	21 46	0 25	4 18	1 4	16 55	0 15	22 29	22 21	18 25	12 55	0 29
S 14	21 8	11 43	4 19	20 21	1 53	9 7	1 5	23 7	0 1	21 42	0 12	18 37	0 12	21 46	0 25	4 18	1 4	16 55	0 15	22 29	22 20	18 24	12 56	0 29
S 15	20 58	15 42	3 33	19 51	1 54	8 42	0 59	23 9	0 2	21 43	0 12	18 38	0 12	21 47	0 25	4 18	1 4	16 55	0 15	22 29	22 20	18 22	12 56	0 29
M16	20 47	18 51	2 39	19 21	1 54	8 18	0 54	23 12	0 3	21 44	0 12	18 39	0 12	21 47	0 25	4 18	1 4	16 54	0 15	22 29	22 20	18 20	12 56	0 29
T 17	20 36	21 4	1 38	18 49	1 54	7 53	0 48	23 14	0 3	21 45	0 12	18 40	0 12	21 47	0 25	4 18	1 5	16 54	0 15	22 30	22 19	18 18	12 57	0 29
W18	20 25	22 17	0 34	18 15	1 52	7 28	0 42	23 16	0 4	21 47	0 12	18 41	0 12	21 48	0 25	4 18	1 5	16 53	0 15	22 30	22 19	18 17	12 57	0 29
T 19	20 14	22 27	0s31	17 41	1 50	7 3	0 35	23 17	0 5	21 48	0 11	18 42	0 12	21 48	0 25	4 17	1 5	16 53	0 15	22 30	22 19	18 15	12 57	0 29
F 20	20 2	21 37	1 34	17 6	1 48	6 39	0 29	23 19	0 6	21 49	0 11	18 44	0 11	21 49	0 25	4 17	1 5	16 53	0 15	22 30	22 18	18 13	12 57	0 29
S 21	19 50	19 50	2 32	16 31	1 44	6 14	0 22	23 20	0 6	21 50	0 11	18 45	0 11	21 49	0 25	4 17	1 5	16 52	0 15	22 29	22 18	18 12	12 58	0 29
S 22	19 38	17 12	3 24	15 54	1 40	5 49	0 15	23 21	0 7	21 51	0 11	18 46	0 11	21 49	0 25	4 17	1 5	16 52	0 15	22 29	22 18	18 10	12 58	0 29
M23	19 25	13 52	4 7	15 17	1 36	5 25	0 8	23 21	0 8	21 52	0 11	18 47	0 11	21 50	0 25	4 17	1 5	16 52	0 15	22 28	22 17	18 8	12 58	0 29
T 24	19 12	9 58	4 39	14 40	1 30	5 1	0 0	23 22	0 9	21 53	0 11	18 48	0 11	21 50	0 25	4 17	1 5	16 51	0 15	22 27	22 17	18 6	12 58	0 29
W25	18 59	5 39	5 0	14 2	1 25	4 36	0s 7	23 22	0 9	21 54	0 11	18 49	0 11	21 51	0 25	4 17	1 5	16 51	0 15	22 26	22 16	18 5	12 58	0 28
T 26	18 45	1 5	5 7	13 24	1 18	4 12	0 15	23 22	0 10	21 55	0 10	18 50	0 11	21 51	0 25	4 17	1 5	16 50	0 16	22 25	22 16	18 3	12 58	0 28
F 27	18 31	3s35	5 0	12 46	1 11	3 48	0 23	23 22	0 11	21 56	0 10	18 51	0 11	21 51	0 25	4 16	1 5	16 50	0 16	22 24	22 16	18 1	12 59	0 28
S 28	18 17	8 11	4 39	12 8	1 4	3 24	0 31	23 21	0 12	21 57	0 10	18 53	0 11	21 52	0 25	4 16	1 5	16 50	0 16	22 24	22 15	17 59	12 59	0 28
S 29	18 2	12 32	4 3	11 29	0 56	3 0	0 40	23 21	0 12	21 58	0 10	18 54	0 11	21 52	0 25	4 16	1 5	16 49	0 16	22 23	22 15	17 57	12 59	0 28
M30	17 47	16 23	3 14	10 51	0 47	2 37	0 48	23 20	0 13	21 59	0 10	18 55	0 11	21 53	0 25	4 16	1 5	16 49	0 16	22 23	22 15	17 56	12 59	0 28
T 31	17n32	19s31	2s14	10n13	0n39	2n14	0s57	23n19	0n14	22s 0	0n10	18s56	0n11	21s53	0s25	4n15	1s 5	16n48	0n16	22s23	22s14	17n54	12n59	0n28

Julian Day Number = 3060951.5, Delta T = 02h31m29s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'54, Lahiri = 47°14'54

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

AUGUST 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 44 27	11♌ 8'11	2♐59	6♍16	22♍44	6♋57	16°R48	3°R50	21°R47	13°R26	13♌46	14♐59	13♐37	23♋49	3♉25	W 1
T 2	20 48 24	12° 5'27	17°11	7°34	23°21	7°39	16♑42	3♒46	21♑45	13♈26	13°47	14°R59	13°34	23°55	3°25	T 2
F 3	20 52 20	13° 2'43	1♑46	8°49	23°56	8°22	16°36	3°42	21°42	13°25	13°49	14°58	13°31	24° 2	3°25	F 3
S 4	20 56 17	13°59'59	16°42	10° 2	24°30	9° 4	16°30	3°37	21°40	13°24	13°50	14°55	13°28	24° 9	3°R25	S 4
S 5	21 0 13	14°57'15	1♒50	11°11	25° 3	9°46	16°24	3°33	21°38	13°24	13°52	14°50	13°24	24°15	3°25	S 5
M 6	21 4 10	15°54'31	17° 2	12°19	25°34	10°28	16°18	3°29	21°36	13°23	13°54	14°42	13°21	24°22	3°25	M 6
T 7	21 8 6	16°51'47	2♓ 8	13°23	26° 3	11°10	16°12	3°24	21°34	13°22	13°55	14°33	13°18	24°29	3°25	T 7
W 8	21 12 3	17°49'04	16°57	14°25	26°32	11°52	16° 7	3°20	21°31	13°22	13°57	14°24	13°15	24°35	3°24	W 8
T 9	21 16 0	18°46'20	1♈23	15°23	26°58	12°34	16° 1	3°16	21°29	13°21	13°58	14°15	13°12	24°42	3°24	T 9
F 10	21 19 56	19°43'37	15°19	16°19	27°23	13°16	15°56	3°12	21°27	13°20	14° 0	14° 9	13° 9	24°49	3°24	F 10
S 11	21 23 53	20°40'55	28°47	17°11	27°47	13°58	15°51	3° 8	21°25	13°19	14° 1	14° 5	13° 5	24°55	3°24	S 11
S 12	21 27 49	21°38'13	11♉46	18° 0	28° 8	14°39	15°46	3° 4	21°23	13°18	14° 3	14° 3	13° 2	25° 2	3°23	S 12
M13	21 31 46	22°35'31	24°21	18°46	28°28	15°21	15°41	2°59	21°21	13°17	14° 5	14°D 2	12°59	25° 9	3°23	M13
T 14	21 35 42	23°32'51	6♊37	19°28	28°46	16° 3	15°36	2°55	21°19	13°17	14° 6	14° 3	12°56	25°16	3°22	T 14
W15	21 39 39	24°30'11	18°39	20° 6	29° 2	16°44	15°32	2°51	21°17	13°16	14° 8	14°R 3	12°53	25°22	3°22	W15
T 16	21 43 35	25°27'31	0♋32	20°40	29°17	17°26	15°27	2°48	21°15	13°15	14° 9	14° 2	12°50	25°29	3°21	T 16
F 17	21 47 32	26°24'53	12°20	21°10	29°29	18° 7	15°23	2°44	21°14	13°14	14°11	13°58	12°46	25°36	3°20	F 17
S 18	21 51 29	27°22'15	24° 8	21°37	29°39	18°48	15°19	2°40	21°12	13°13	14°12	13°52	12°43	25°42	3°20	S 18
S 19	21 55 25	28°19'37	5♌59	21°58	29°47	19°30	15°15	2°36	21°10	13°12	14°14	13°44	12°40	25°49	3°19	S 19
M20	21 59 22	29°17'00	17°55	22°15	29°53	20°11	15°11	2°32	21° 8	13°11	14°15	13°32	12°37	25°56	3°18	M20
T 21	22 3 18	0♍14'24	29°59	22°28	29°57	20°52	15° 8	2°29	21° 6	13°10	14°17	13°20	12°34	26° 2	3°17	T 21
W22	22 7 15	1°11'49	12♍11	22°35	29°R58	21°33	15° 4	2°25	21° 5	13° 8	14°19	13° 7	12°30	26° 9	3°16	W22
T 23	22 11 11	2° 9'13	24°33	22°R38	29°57	22°14	15° 1	2°21	21° 3	13° 7	14°20	12°54	12°27	26°16	3°16	T 23
F 24	22 15 8	3° 6'39	7♎ 4	22°36	29°54	22°55	14°58	2°18	21° 1	13° 6	14°22	12°43	12°24	26°22	3°15	F 24
S 25	22 19 4	4° 4'05	19°46	22°28	29°48	23°36	14°55	2°15	21° 0	13° 5	14°23	12°34	12°21	26°29	3°13	S 25
S 26	22 23 1	5° 1'31	2♏41	22°15	29°40	24°17	14°52	2°11	20°58	13° 4	14°25	12°29	12°18	26°36	3°12	S 26
M27	22 26 58	5°58'58	15°49	21°58	29°30	24°57	14°50	2° 8	20°57	13° 3	14°26	12°25	12°15	26°42	3°11	M27
T 28	22 30 54	6°56'26	29°13	21°35	29°17	25°38	14°47	2° 5	20°55	13° 1	14°28	12°24	12°11	26°49	3°10	T 28
W29	22 34 51	7°53'54	12♐55	21° 7	29° 2	26°18	14°45	2° 1	20°54	13° 0	14°29	12°24	12° 8	26°56	3° 9	W29
T 30	22 38 47	8°51'22	26°56	20°35	28°44	26°59	14°43	1°58	20°53	12°59	14°30	12°24	12° 5	27° 2	3° 8	T 30
F 31	22 42 44	9♍48'51	11♑16	19♍58	28♍25	27♋39	14♑41	1♒55	20♑51	12♈57	14♌32	12♐22	12♐ 2	27♋ 9	3♉ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n17	21s37	1s 4	9n35	0n29	1n50	1s 6	23n17	0n15	22s 1	0n10	18s57	0n10	21s53	0s25	4n15	1s 5	16n48	0n16	22s23	22s14	17n52	12n59	0n28
T 2	17 1	22 25	0n12	8 57	0 20	1 28	1 15	23 16	0 15	22 2	0 10	18 58	0 10	21 54	0 25	4 15	1 5	16 48	0 16	22 23	22 13	17 50	12 59	0 28
F 3	16 45	21 44	1 29	8 20	0 9	1 5	1 25	23 14	0 16	22 3	0 9	18 59	0 10	21 54	0 25	4 15	1 5	16 47	0 16	22 23	22 13	17 49	12 59	0 28
S 4	16 29	19 32	2 41	7 43	0s 1	0 43	1 35	23 12	0 17	22 4	0 9	19 0	0 10	21 54	0 25	4 14	1 5	16 47	0 16	22 23	22 13	17 47	12 59	0 28
S 5	16 12	15 57	3 43	7 7	0 12	0 21	1 45	23 10	0 18	22 5	0 9	19 1	0 10	21 55	0 25	4 14	1 5	16 46	0 16	22 22	22 12	17 45	12 59	0 28
M 6	15 55	11 18	4 30	6 31	0 23	0s 1	1 55	23 7	0 18	22 5	0 9	19 2	0 10	21 55	0 25	4 14	1 5	16 46	0 16	22 21	22 12	17 43	12 59	0 28
T 7	15 39	5 59	4 57	5 56	0 35	0 22	2 5	23 5	0 19	22 6	0 9	19 3	0 10	21 55	0 25	4 14	1 5	16 46	0 16	22 20	22 11	17 41	12 59	0 28
W 8	15 21	0 26	5 4	5 22	0 47	0 43	2 16	23 2	0 20	22 7	0 9	19 5	0 10	21 56	0 25	4 13	1 5	16 45	0 16	22 19	22 11	17 40	12 58	0 28
T 9	15 4	5n 0	4 51	4 48	0 59	1 3	2 27	22 59	0 21	22 8	0 9	19 6	0 10	21 56	0 25	4 13	1 5	16 45	0 16	22 18	22 11	17 38	12 58	0 28
F 10	14 46	9 59	4 21	4 16	1 11	1 23	2 38	22 56	0 21	22 9	0 8	19 7	0 10	21 56	0 25	4 13	1 6	16 45	0 16	22 18	22 10	17 36	12 58	0 28
S 11	14 28	14 19	3 37	3 44	1 24	1 43	2 49	22 52	0 22	22 9	0 8	19 8	0 10	21 57	0 25	4 12	1 6	16 44	0 17	22 17	22 10	17 34	12 58	0 28
S 12	14 10	17 49	2 43	3 13	1 37	2 2	3 1	22 48	0 23	22 10	0 8	19 9	0 9	21 57	0 25	4 12	1 6	16 44	0 17	22 17	22 10	17 32	12 58	0 28
M13	13 52	20 21	1 43	2 44	1 49	2 20	3 12	22 45	0 24	22 11	0 8	19 10	0 9	21 57	0 25	4 12	1 6	16 43	0 17	22 17	22 9	17 31	12 58	0 27
T 14	13 33	21 52	0 39	2 15	2 3	2 38	3 24	22 40	0 24	22 11	0 8	19 11	0 9	21 58	0 25	4 11	1 6	16 43	0 17	22 17	22 9	17 29	12 57	0 27
W15	13 14	22 20	0s24	1 48	2 16	2 56	3 36	22 36	0 25	22 12	0 8	19 12	0 9	21 58	0 25	4 11	1 6	16 43	0 17	22 17	22 8	17 27	12 57	0 27
T 16	12 55	21 47	1 27	1 23	2 29	3 13	3 48	22 32	0 26	22 13	0 8	19 13	0 9	21 58	0 25	4 10	1 6	16 42	0 17	22 17	22 8	17 25	12 57	0 27
F 17	12 36	20 16	2 24	0 59	2 42	3 29	4 0	22 27	0 27	22 13	0 7	19 14	0 9	21 58	0 25	4 10	1 6	16 42	0 17	22 16	22 8	17 23	12 57	0 27
S 18	12 17	17 53	3 16	0 37	2 55	3 44	4 13	22 22	0 27	22 14	0 7	19 15	0 9	21 59	0 25	4 10	1 6	16 41	0 17	22 16	22 7	17 21	12 56	0 27
S 19	11 57	14 45	3 59	0 17	3 8	3 59	4 25	22 17	0 28	22 15	0 7	19 16	0 9	21 59	0 25	4 9	1 6	16 41	0 17	22 15	22 7	17 20	12 56	0 27
M20	11 37	11 0	4 32	0s 2	3 21	4 13	4 38	22 12	0 29	22 15	0 7	19 16	0 9	21 59	0 25	4 9	1 6	16 41	0 17	22 13	22 6	17 18	12 56	0 27
T 21	11 17	6 48	4 53	0 18	3 33	4 26	4 51	22 7	0 30	22 16	0 7	19 17	0 9	21 59	0 25	4 8	1 6	16 40	0 17	22 12	22 6	17 16	12 55	0 27
W22	10 57	2 17	5 0	0 32	3 45	4 38	5 3	22 1	0 31	22 16	0 7	19 18	0 9	22 0	0 25	4 8	1 6	16 40	0 17	22 10	22 6	17 14	12 55	0 27
T 23	10 37	2s22	4 54	0 44	3 57	4 49	5 16	21 55	0 31	22 17	0 7	19 19	0 8	22 0	0 25	4 7	1 6	16 40	0 17	22 8	22 5	17 12	12 55	0 27
F 24	10 16	6 59	4 34	0 53	4 7	5 0	5 29	21 49	0 32	22 17	0 6	19 20	0 8	22 0	0 25	4 7	1 6	16 39	0 17	22 7	22 5	17 10	12 54	0 27
S 25	9 56	11 23	4 0	0 59	4 18	5 9	5 42	21 43	0 33	22 18	0 6	19 21	0 8	22 0	0 25	4 6	1 6	16 39	0 17	22 6	22 4	17 9	12 54	0 27
S 26	9 35	15 19	3 14	1 3	4 27	5 18	5 54	21 37	0 34	22 18	0 6	19 22	0 8	22 1	0 25	4 6	1 6	16 38	0 17	22 5	22 4	17 7	12 54	0 27
M27	9 14	18 35	2 16	1 4	4 36	5 25	6 7	21 31	0 34	22 18	0 6	19 23	0 8	22 1	0 25	4 5	1 6	16 38	0 18	22 5	22 3	17 5	12 53	0 27
T 28	8 53	20 56	1 9	1 2	4 43	5 31	6 19	21 24	0 35	22 19	0 6	19 23	0 8	22 1	0 25	4 5	1 6	16 38	0 18	22 5	22 3	17 3	12 53	0 27
W29	8 32	22 6	0n 3	0 57	4 49	5 36	6 31	21 17	0 36	22 19	0 6	19 24	0 8	22 1	0 25	4 4	1 6	16 37	0 18	22 5	22 3	17 1	12 52	0 27
T 30	8 11	21 55	1 16	0 49	4 54	5 40	6 43	21 10	0 37	22 20	0 6	19 25	0 8	22 2	0 25	4 4	1 6	16 37	0 18	22 5	22 2	16 59	12 52	0 27
F 31	7n49	20s19	2n26	0s38	4s58	5s43	6s54	21n 3	0n37	22s20	0n 6	19s26	0n 8	22s 2	0s25	4n 3	1s 6	16n37	0n18	22s 4	22s 2	16n57	12n51	0n27

Julian Day Number = 3060982.5, Delta T = 02h31m30s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°07'58, Lahiri = 47°14'59

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

SEPTEMBER 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 46 40	10♍46'21	25♑54	19°R18	28°R 2	28♋20	14°R40	1°R52	20°R50	12°R56	14♘33	12°R18	11♐59	27♋16	3°R 5	S 1
S 2	22 50 37	11°43'52	10♒44	18♍35	27♍38	29° 0	14♑38	1♒49	20♑49	12♈55	14°35	12♐11	11°55	27°22	3♉ 3	S 2
M 3	22 54 33	12°41'23	25°40	17°49	27°12	29°40	14°37	1°47	20°47	12°53	14°36	12° 2	11°52	27°29	3° 2	M 3
T 4	22 58 30	13°38'54	10♓33	17° 1	26°44	0♘20	14°36	1°44	20°46	12°52	14°38	11°51	11°49	27°36	3° 0	T 4
W 5	23 2 27	14°36'27	25°14	16°13	26°14	1° 1	14°35	1°41	20°45	12°51	14°39	11°40	11°46	27°43	2°59	W 5
T 6	23 6 23	15°34'01	9♈36	15°24	25°42	1°41	14°34	1°39	20°44	12°49	14°40	11°29	11°43	27°49	2°57	T 6
F 7	23 10 20	16°31'36	23°32	14°36	25° 9	2°21	14°34	1°36	20°43	12°48	14°42	11°21	11°40	27°56	2°56	F 7
S 8	23 14 16	17°29'13	7♉ 1	13°50	24°34	3° 0	14°34	1°34	20°42	12°46	14°43	11°15	11°36	28° 3	2°54	S 8
S 9	23 18 13	18°26'50	20° 3	13° 7	23°59	3°40	14°D33	1°31	20°41	12°45	14°45	11°12	11°33	28° 9	2°52	S 9
M10	23 22 9	19°24'29	2♊41	12°27	23°22	4°20	14°33	1°29	20°40	12°44	14°46	11°10	11°30	28°16	2°50	M10
T 11	23 26 6	20°22'10	14°58	11°52	22°46	5° 0	14°34	1°27	20°39	12°42	14°47	11°10	11°27	28°23	2°49	T 11
W12	23 30 2	21°19'52	27° 1	11°23	22° 8	5°39	14°34	1°25	20°39	12°41	14°49	11°10	11°24	28°29	2°47	W12
T 13	23 33 59	22°17'35	8♋55	10°59	21°31	6°19	14°35	1°23	20°38	12°39	14°50	11° 9	11°21	28°36	2°45	T 13
F 14	23 37 56	23°15'20	20°44	10°41	20°53	6°58	14°36	1°21	20°37	12°37	14°51	11° 6	11°17	28°43	2°43	F 14
S 15	23 41 52	24°13'07	2♌34	10°31	20°16	7°38	14°36	1°19	20°36	12°36	14°52	11° 1	11°14	28°49	2°41	S 15
S 16	23 45 49	25°10'54	14°29	10°D28	19°40	8°17	14°38	1°18	20°36	12°34	14°54	10°53	11°11	28°56	2°39	S 16
M17	23 49 45	26° 8'44	26°31	10°33	19° 4	8°56	14°39	1°16	20°35	12°33	14°55	10°42	11° 8	29° 3	2°37	M17
T 18	23 53 42	27° 6'34	8♍45	10°45	18°30	9°35	14°41	1°14	20°35	12°31	14°56	10°30	11° 5	29° 9	2°35	T 18
W19	23 57 38	28° 4'26	21° 9	11° 5	17°57	10°15	14°42	1°13	20°34	12°30	14°57	10°18	11° 1	29°16	2°33	W19
T 20	0 1 35	29° 2'20	3♎47	11°34	17°25	10°54	14°44	1°12	20°34	12°28	14°59	10° 5	10°58	29°23	2°31	T 20
F 21	0 5 31	0♎ 0'15	16°36	12°10	16°54	11°33	14°46	1°10	20°33	12°26	15° 0	9°55	10°55	29°30	2°28	F 21
S 22	0 9 28	0°58'11	29°37	12°53	16°26	12°11	14°48	1° 9	20°33	12°25	15° 1	9°47	10°52	29°36	2°26	S 22
S 23	0 13 24	1°56'08	12♏49	13°45	15°59	12°50	14°51	1° 8	20°33	12°23	15° 2	9°41	10°49	29°43	2°24	S 23
M24	0 17 21	2°54'07	26°12	14°43	15°34	13°29	14°54	1° 7	20°33	12°22	15° 3	9°38	10°46	29°50	2°22	M24
T 25	0 21 18	3°52'07	9♐46	15°48	15°12	14° 8	14°56	1° 6	20°33	12°20	15° 4	9°D38	10°42	29°56	2°19	T 25
W26	0 25 14	4°50'09	23°32	17° 0	14°51	14°46	14°59	1° 5	20°32	12°18	15° 6	9°38	10°39	0♘ 3	2°17	W26
T 27	0 29 11	5°48'11	7♑30	18°18	14°33	15°25	15° 3	1° 5	20°32	12°17	15° 7	9°R38	10°36	0°10	2°15	T 27
F 28	0 33 7	6°46'15	21°40	19°41	14°17	16° 3	15° 6	1° 4	20°D32	12°15	15° 8	9°37	10°33	0°16	2°12	F 28
S 29	0 37 4	7°44'20	6♒ 0	21° 9	14° 4	16°41	15° 9	1° 4	20°32	12°13	15° 9	9°34	10°30	0°23	2°10	S 29
S 30	0 41 0	8♎42'26	20♒29	22♍43	13♍53	17♘19	15♑13	1♒ 3	20♑32	12♈12	15♘10	9♐29	10♐27	0♘30	2♉ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n28	17s22	3n28	0s24	4s59	5s44	7s 5	20n56	0n38	22s20	0n 5	19s26	0n 8	22s 2	0s25	4n 3	1s 6	16n36	0n18	22s 4	22s 1	16n56	12n51	0n26
S 2	7 6	13 16	4 17	0 7	4 59	5 45	7 16	20 49	0 39	22 20	0 5	19 27	0 8	22 2	0 25	4 2	1 6	16 36	0 18	22 3	22 1	16 54	12 50	0 26
M 3	6 44	8 19	4 48	0n12	4 58	5 44	7 26	20 41	0 40	22 21	0 5	19 28	0 7	22 2	0 25	4 2	1 6	16 36	0 18	22 2	22 1	16 52	12 50	0 26
T 4	6 22	2 54	5 0	0 33	4 54	5 41	7 36	20 33	0 40	22 21	0 5	19 29	0 7	22 2	0 25	4 1	1 6	16 35	0 18	22 0	22 0	16 50	12 49	0 26
W 5	6 0	2n36	4 52	0 57	4 49	5 38	7 45	20 25	0 41	22 21	0 5	19 29	0 7	22 3	0 25	4 1	1 6	16 35	0 18	21 59	22 0	16 48	12 48	0 26
T 6	5 38	7 51	4 26	1 22	4 41	5 33	7 53	20 17	0 42	22 21	0 5	19 30	0 7	22 3	0 25	4 0	1 6	16 34	0 18	21 57	21 59	16 46	12 48	0 26
F 7	5 16	12 31	3 44	1 49	4 32	5 27	8 1	20 9	0 43	22 22	0 5	19 31	0 7	22 3	0 25	3 59	1 6	16 34	0 18	21 56	21 59	16 44	12 47	0 26
S 8	4 54	16 25	2 50	2 16	4 22	5 20	8 8	20 1	0 44	22 22	0 5	19 31	0 7	22 3	0 25	3 59	1 6	16 34	0 18	21 56	21 58	16 42	12 47	0 26
S 9	4 32	19 21	1 49	2 44	4 9	5 12	8 14	19 53	0 44	22 22	0 4	19 32	0 7	22 3	0 25	3 58	1 6	16 33	0 18	21 55	21 58	16 40	12 46	0 26
M10	4 9	21 14	0 45	3 12	3 55	5 3	8 19	19 44	0 45	22 22	0 4	19 32	0 7	22 3	0 25	3 58	1 6	16 33	0 18	21 55	21 58	16 39	12 45	0 26
T 11	3 47	22 3	0s20	3 39	3 40	4 53	8 24	19 35	0 46	22 22	0 4	19 33	0 7	22 3	0 25	3 57	1 7	16 33	0 18	21 55	21 57	16 37	12 45	0 26
W12	3 24	21 48	1 23	4 5	3 24	4 41	8 27	19 26	0 47	22 22	0 4	19 33	0 7	22 4	0 25	3 56	1 7	16 32	0 19	21 55	21 57	16 35	12 44	0 26
T 13	3 2	20 35	2 21	4 30	3 7	4 29	8 30	19 17	0 47	22 22	0 4	19 34	0 7	22 4	0 25	3 56	1 7	16 32	0 19	21 55	21 56	16 33	12 43	0 26
F 14	2 39	18 27	3 13	4 52	2 49	4 17	8 32	19 8	0 48	22 22	0 4	19 34	0 6	22 4	0 25	3 55	1 7	16 32	0 19	21 54	21 56	16 31	12 42	0 26
S 15	2 17	15 34	3 57	5 13	2 31	4 3	8 33	18 59	0 49	22 22	0 4	19 35	0 6	22 4	0 24	3 55	1 7	16 32	0 19	21 54	21 55	16 29	12 42	0 26
S 16	1 54	12 1	4 30	5 31	2 13	3 49	8 32	18 50	0 50	22 22	0 3	19 35	0 6	22 4	0 24	3 54	1 7	16 31	0 19	21 52	21 55	16 27	12 41	0 26
M17	1 31	7 58	4 52	5 47	1 54	3 34	8 31	18 40	0 50	22 22	0 3	19 36	0 6	22 4	0 24	3 53	1 7	16 31	0 19	21 51	21 55	16 25	12 40	0 25
T 18	1 8	3 33	5 1	5 59	1 36	3 19	8 29	18 31	0 51	22 22	0 3	19 36	0 6	22 4	0 24	3 53	1 7	16 31	0 19	21 49	21 54	16 23	12 39	0 25
W19	0 46	1s 4	4 56	6 9	1 17	3 4	8 27	18 21	0 52	22 22	0 3	19 37	0 6	22 4	0 24	3 52	1 7	16 30	0 19	21 47	21 54	16 21	12 39	0 25
T 20	0 23	5 43	4 36	6 15	1 0	2 48	8 23	18 11	0 53	22 22	0 3	19 37	0 6	22 4	0 24	3 52	1 7	16 30	0 19	21 46	21 53	16 19	12 38	0 25
F 21	0s 0	10 12	4 3	6 17	0 42	2 33	8 19	18 1	0 54	22 22	0 3	19 37	0 6	22 4	0 24	3 51	1 7	16 30	0 19	21 44	21 53	16 18	12 37	0 25
S 22	0 23	14 17	3 16	6 16	0 25	2 17	8 14	17 51	0 54	22 22	0 3	19 38	0 6	22 4	0 24	3 50	1 7	16 30	0 19	21 43	21 52	16 16	12 36	0 25
S 23	0 46	17 44	2 18	6 11	0 10	2 2	8 8	17 41	0 55	22 22	0 3	19 38	0 6	22 4	0 24	3 50	1 7	16 29	0 19	21 42	21 52	16 14	12 35	0 25
M24	1 9	20 17	1 11	6 3	0n 6	1 46	8 1	17 31	0 56	22 22	0 3	19 38	0 6	22 4	0 24	3 49	1 7	16 29	0 19	21 42	21 51	16 12	12 35	0 25
T 25	1 31	21 42	0n 1	5 51	0 20	1 31	7 54	17 21	0 57	22 21	0 2	19 39	0 5	22 4	0 24	3 48	1 7	16 29	0 19	21 42	21 51	16 10	12 34	0 25
W26	1 54	21 51	1 13	5 36	0 33	1 16	7 46	17 10	0 57	22 21	0 2	19 39	0 5	22 4	0 24	3 48	1 7	16 28	0 19	21 42	21 51	16 8	12 33	0 25
T 27	2 17	20 38	2 23	5 17	0 45	1 2	7 38	17 0	0 58	22 21	0 2	19 39	0 5	22 4	0 24	3 47	1 7	16 28	0 20	21 42	21 50	16 6	12 32	0 25
F 28	2 40	18 8	3 25	4 55	0 56	0 48	7 30	16 49	0 59	22 21	0 2	19 39	0 5	22 4	0 24	3 46	1 7	16 28	0 20	21 42	21 50	16 4	12 31	0 25
S 29	3 3	14 29	4 14	4 30	1 6	0 34	7 20	16 39	1 0	22 20	0 2	19 40	0 5	22 4	0 24	3 46	1 7	16 28	0 20	21 41	21 49	16 2	12 30	0 25
S 30	3s25	9s58	4n48	4n 1	1n15	0s22	7s11	16n28	1n 1	22s20	0n 2	19s40	0n 5	22s 4	0s24	3n45	1s 7	16n27	0n20	21s40	21s49	16n 0	12n29	0n25

Julian Day Number = 3061013.5, Delta T = 02h31m31s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'02, Lahiri = 47°15'03

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

OCTOBER 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 44 57	9♎40'34	5♓ 0	24♍20	13°R44	17♌58	15♑17	1°R 3	20♑33	12°R10	15♌11	9°R22	10♐23	0♌36	2°R 5	M 1
T 2	0 48 53	10°38'43	19°29	26° 1	13♍38	18°36	15°21	1♒ 3	20°33	12♈ 9	15°12	9♐13	10°20	0°43	2♉ 3	T 2
W 3	0 52 50	11°36'53	3♈49	27°45	13°34	19°14	15°25	1° 3	20°33	12° 7	15°13	9° 4	10°17	0°50	2° 0	W 3
T 4	0 56 47	12°35'05	17°53	29°31	13°D33	19°52	15°30	1°D 3	20°33	12° 5	15°14	8°55	10°14	0°56	1°58	T 4
F 5	1 0 43	13°33'19	1♉38	1♎20	13°34	20°29	15°34	1° 3	20°34	12° 4	15°15	8°48	10°11	1° 3	1°55	F 5
S 6	1 4 40	14°31'35	15° 0	3°10	13°37	21° 7	15°39	1° 3	20°34	12° 2	15°16	8°43	10° 7	1°10	1°52	S 6
S 7	1 8 36	15°29'52	27°59	5° 1	13°43	21°45	15°44	1° 3	20°35	12° 0	15°16	8°41	10° 4	1°17	1°50	S 7
M 8	1 12 33	16°28'12	10♊36	6°54	13°50	22°22	15°49	1° 3	20°35	11°59	15°17	8°D40	10° 1	1°23	1°47	M 8
T 9	1 16 29	17°26'33	22°55	8°47	14° 0	23° 0	15°54	1° 4	20°36	11°57	15°18	8°41	9°58	1°30	1°45	T 9
W10	1 20 26	18°24'57	5♋ 0	10°40	14°13	23°37	15°59	1° 5	20°36	11°55	15°19	8°42	9°55	1°37	1°42	W10
T 11	1 24 22	19°23'22	16°55	12°33	14°27	24°15	16° 5	1° 5	20°37	11°54	15°20	8°R43	9°52	1°43	1°39	T 11
F 12	1 28 19	20°21'50	28°46	14°27	14°43	24°52	16°10	1° 6	20°38	11°52	15°21	8°43	9°48	1°50	1°37	F 12
S 13	1 32 15	21°20'19	10♌38	16°19	15° 1	25°29	16°16	1° 7	20°38	11°50	15°21	8°40	9°45	1°57	1°34	S 13
S 14	1 36 12	22°18'51	22°35	18°12	15°21	26° 6	16°22	1° 8	20°39	11°49	15°22	8°36	9°42	2° 3	1°31	S 14
M15	1 40 9	23°17'24	4♍42	20° 4	15°43	26°43	16°28	1° 9	20°40	11°47	15°23	8°31	9°39	2°10	1°29	M15
T 16	1 44 5	24°16'00	17° 3	21°55	16° 7	27°20	16°35	1°10	20°41	11°46	15°24	8°23	9°36	2°17	1°26	T 16
W17	1 48 2	25°14'37	29°38	23°45	16°33	27°57	16°41	1°11	20°42	11°44	15°24	8°16	9°32	2°23	1°23	W17
T 18	1 51 58	26°13'17	12♎30	25°35	17° 0	28°33	16°48	1°13	20°43	11°42	15°25	8° 8	9°29	2°30	1°20	T 18
F 19	1 55 55	27°11'58	25°38	27°24	17°28	29°10	16°54	1°14	20°44	11°41	15°26	8° 2	9°26	2°37	1°18	F 19
S 20	1 59 51	28°10'41	9♏ 1	29°12	17°59	29°46	17° 1	1°16	20°45	11°39	15°26	7°57	9°23	2°44	1°15	S 20
S 21	2 3 48	29° 9'27	22°37	0♏59	18°30	0♍23	17° 8	1°17	20°46	11°38	15°27	7°54	9°20	2°50	1°12	S 21
M22	2 7 44	0♏ 8'14	6♐24	2°45	19° 3	0°59	17°16	1°19	20°47	11°36	15°27	7°D53	9°17	2°57	1° 9	M22
T 23	2 11 41	1° 7'02	20°20	4°30	19°38	1°35	17°23	1°21	20°49	11°35	15°28	7°53	9°13	3° 4	1° 7	T 23
W24	2 15 38	2° 5'53	4♑22	6°14	20°14	2°12	17°30	1°23	20°50	11°33	15°29	7°55	9°10	3°10	1° 4	W24
T 25	2 19 34	3° 4'45	18°28	7°58	20°51	2°48	17°38	1°25	20°51	11°32	15°29	7°56	9° 7	3°17	1° 1	T 25
F 26	2 23 31	4° 3'39	2♒38	9°40	21°29	3°23	17°46	1°27	20°53	11°30	15°30	7°R57	9° 4	3°24	0°59	F 26
S 27	2 27 27	5° 2'34	16°50	11°22	22° 9	3°59	17°54	1°29	20°54	11°29	15°30	7°56	9° 1	3°30	0°56	S 27
S 28	2 31 24	6° 1'31	1♓ 0	13° 3	22°49	4°35	18° 2	1°32	20°56	11°27	15°30	7°54	8°58	3°37	0°53	S 28
M29	2 35 20	7° 0'29	15° 8	14°42	23°31	5°11	18°10	1°34	20°57	11°26	15°31	7°51	8°54	3°44	0°50	M29
T 30	2 39 17	7°59'29	29° 9	16°22	24°14	5°46	18°18	1°36	20°59	11°24	15°31	7°47	8°51	3°51	0°48	T 30
W31	2 43 13	8♏58'31	13♈ 1	18♏ 0	24♍58	6♍21	18♑26	1♒39	21♑ 1	11♈23	15♌32	7♐42	8♐48	3♌57	0♉45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s48	4s52	5n 4	3n30	1n23	0s 9	7s 1	16n17	1n 1	22s20	0n 2	19s40	0n 5	22s 4	0s24	3n44	1s 7	16n27	0n20	21s39	21s48	15n58	12n28	0n25
T 2	4 11	0n29	5 0	2 57	1 30	0n 2	6 51	16 6	1 2	22 19	0 2	19 40	0 5	22 4	0 24	3 44	1 7	16 27	0 20	21 38	21 48	15 56	12 28	0 24
W 3	4 33	5 45	4 37	2 21	1 35	0 13	6 41	15 55	1 3	22 19	0 2	19 40	0 5	22 4	0 24	3 43	1 7	16 27	0 20	21 37	21 47	15 54	12 27	0 24
T 4	4 56	10 37	3 58	1 43	1 40	0 24	6 30	15 44	1 4	22 19	0 1	19 40	0 5	22 4	0 24	3 43	1 7	16 27	0 20	21 35	21 47	15 52	12 26	0 24
F 5	5 18	14 50	3 5	1 4	1 44	0 33	6 20	15 33	1 4	22 18	0 1	19 40	0 5	22 4	0 24	3 42	1 7	16 26	0 20	21 34	21 46	15 50	12 25	0 24
S 6	5 41	18 10	2 4	0 23	1 46	0 42	6 9	15 22	1 5	22 18	0 1	19 40	0 4	22 4	0 24	3 41	1 7	16 26	0 20	21 33	21 46	15 48	12 24	0 24
S 7	6 3	20 28	0 57	0s19	1 48	0 50	5 58	15 10	1 6	22 17	0 1	19 40	0 4	22 4	0 24	3 41	1 7	16 26	0 20	21 33	21 46	15 46	12 23	0 24
M 8	6 25	21 40	0s10	1 3	1 49	0 57	5 47	14 59	1 7	22 17	0 1	19 40	0 4	22 4	0 24	3 40	1 7	16 26	0 20	21 33	21 45	15 45	12 22	0 24
T 9	6 47	21 46	1 16	1 47	1 49	1 4	5 36	14 48	1 8	22 16	0 1	19 40	0 4	22 4	0 24	3 39	1 7	16 26	0 20	21 33	21 45	15 43	12 21	0 24
W10	7 9	20 51	2 17	2 32	1 48	1 9	5 25	14 36	1 8	22 16	0 1	19 40	0 4	22 4	0 24	3 39	1 7	16 25	0 20	21 33	21 44	15 41	12 20	0 24
T 11	7 31	19 0	3 11	3 17	1 47	1 14	5 14	14 25	1 9	22 15	0 1	19 40	0 4	22 3	0 24	3 38	1 7	16 25	0 21	21 33	21 44	15 39	12 19	0 24
F 12	7 53	16 21	3 57	4 2	1 45	1 18	5 2	14 13	1 10	22 15	0 1	19 40	0 4	22 3	0 24	3 37	1 7	16 25	0 21	21 33	21 43	15 37	12 18	0 24
S 13	8 15	13 2	4 33	4 47	1 42	1 22	4 51	14 1	1 11	22 14	0 0	19 40	0 4	22 3	0 24	3 37	1 7	16 25	0 21	21 33	21 43	15 35	12 17	0 24
S 14	8 37	9 11	4 57	5 33	1 39	1 24	4 40	13 50	1 12	22 14	0 0	19 40	0 4	22 3	0 24	3 36	1 7	16 25	0 21	21 32	21 42	15 33	12 16	0 24
M15	8 58	4 55	5 8	6 18	1 35	1 26	4 29	13 38	1 12	22 13	0 0	19 40	0 4	22 3	0 24	3 36	1 7	16 25	0 21	21 32	21 42	15 31	12 15	0 23
T 16	9 20	0 23	5 5	7 3	1 31	1 27	4 19	13 26	1 13	22 12	0 0	19 40	0 4	22 3	0 24	3 35	1 7	16 24	0 21	21 30	21 41	15 29	12 14	0 23
W17	9 41	4s16	4 48	7 48	1 27	1 27	4 8	13 14	1 14	22 12	0 0	19 39	0 4	22 3	0 24	3 34	1 7	16 24	0 21	21 29	21 41	15 27	12 13	0 23
T 18	10 2	8 49	4 15	8 32	1 22	1 27	3 57	13 2	1 15	22 11	0s 0	19 39	0 3	22 2	0 24	3 34	1 7	16 24	0 21	21 28	21 40	15 25	12 12	0 23
F 19	10 23	13 4	3 29	9 16	1 17	1 25	3 47	12 50	1 16	22 10	0 0	19 39	0 3	22 2	0 24	3 33	1 7	16 24	0 21	21 27	21 40	15 23	12 11	0 23
S 20	10 44	16 45	2 30	9 59	1 11	1 23	3 36	12 38	1 16	22 9	0 0	19 39	0 3	22 2	0 24	3 32	1 7	16 24	0 21	21 26	21 39	15 21	12 10	0 23
S 21	11 5	19 35	1 22	10 41	1 5	1 21	3 26	12 27	1 17	22 9	0 0	19 38	0 3	22 2	0 24	3 32	1 7	16 24	0 21	21 26	21 39	15 19	12 9	0 23
M22	11 25	21 19	0 8	11 23	0 59	1 17	3 15	12 14	1 18	22 8	0 0	19 38	0 3	22 2	0 24	3 31	1 7	16 24	0 21	21 26	21 39	15 17	12 8	0 23
T 23	11 45	21 45	1n 7	12 4	0 53	1 13	3 5	12 2	1 19	22 7	0 1	19 38	0 3	22 1	0 24	3 31	1 7	16 24	0 21	21 26	21 38	15 15	12 7	0 23
W24	12 6	20 50	2 19	12 45	0 47	1 9	2 55	11 50	1 20	22 6	0 1	19 37	0 3	22 1	0 24	3 30	1 7	16 24	0 21	21 26	21 38	15 13	12 6	0 23
T 25	12 26	18 36	3 23	13 24	0 40	1 3	2 46	11 38	1 20	22 5	0 1	19 37	0 3	22 1	0 24	3 30	1 7	16 23	0 21	21 26	21 37	15 11	12 5	0 23
F 26	12 46	15 15	4 15	14 3	0 34	0 57	2 36	11 26	1 21	22 4	0 1	19 37	0 3	22 1	0 24	3 29	1 7	16 23	0 22	21 26	21 37	15 9	12 4	0 23
S 27	13 5	11 1	4 52	14 41	0 27	0 51	2 26	11 14	1 22	22 3	0 1	19 36	0 3	22 1	0 24	3 28	1 7	16 23	0 22	21 26	21 36	15 7	12 3	0 23
S 28	13 25	6 10	5 10	15 18	0 20	0 43	2 17	11 2	1 23	22 2	0 1	19 36	0 3	22 0	0 24	3 28	1 7	16 23	0 22	21 26	21 36	15 5	12 2	0 22
M29	13 44	1 2	5 10	15 54	0 13	0 36	2 8	10 50	1 24	22 1	0 1	19 35	0 3	22 0	0 24	3 27	1 7	16 23	0 22	21 25	21 35	15 3	12 1	0 22
T 30	14 3	4n 7	4 51	16 29	0 6	0 27	1 59	10 37	1 24	22 0	0 1	19 35	0 2	22 0	0 24	3 27	1 7	16 23	0 22	21 25	21 35	15 1	12 0	0 22
W31	14s22	9n 1	4n15	17s 3	0s 1	0n18	1s50	10n25	1n25	21s59	0s 1	19s35	0n 2	22s 0	0s24	3n26	1s 7	16n23	0n22	21s24	21s34	14n59	11n59	0n22

Julian Day Number = 3061043.5, Delta T = 02h31m32s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'07, Lahiri = 47°15'07

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

NOVEMBER 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 47 10	9♏57'35	26♈40	19♏37	25♍42	6♍57	18♑35	1♒42	21♑ 2	11°R21	15♌32	7°R38	8♐45	4♌ 4	0°R42	T 1
F 2	2 51 7	10°56'41	10♉ 3	21°14	26°28	7°32	18°43	1°44	21° 4	11♈20	15°32	7♐35	8°42	4°11	0♉40	F 2
S 3	2 55 3	11°55'48	23°10	22°50	27°15	8° 7	18°52	1°47	21° 6	11°19	15°33	7°32	8°38	4°17	0°37	S 3
S 4	2 59 0	12°54'58	5♊58	24°25	28° 3	8°42	19° 1	1°50	21° 8	11°17	15°33	7°D32	8°35	4°24	0°34	S 4
M 5	3 2 56	13°54'10	18°29	25°59	28°51	9°17	19°10	1°53	21°10	11°16	15°33	7°32	8°32	4°31	0°32	M 5
T 6	3 6 53	14°53'24	0♋46	27°33	29°40	9°52	19°19	1°56	21°11	11°15	15°33	7°33	8°29	4°37	0°29	T 6
W 7	3 10 49	15°52'40	12°50	29° 6	0♎30	10°26	19°29	2° 0	21°13	11°13	15°33	7°35	8°26	4°44	0°26	W 7
T 8	3 14 46	16°51'58	24°45	0♐38	1°21	11° 1	19°38	2° 3	21°15	11°12	15°34	7°37	8°23	4°51	0°24	T 8
F 9	3 18 42	17°51'18	6♌37	2°10	2°13	11°35	19°47	2° 6	21°17	11°11	15°34	7°38	8°19	4°58	0°21	F 9
S 10	3 22 39	18°50'41	18°29	3°41	3° 5	12° 9	19°57	2°10	21°20	11°10	15°34	7°R38	8°16	5° 4	0°19	S 10
S 11	3 26 36	19°50'06	0♍27	5°11	3°58	12°43	20° 7	2°13	21°22	11° 8	15°34	7°38	8°13	5°11	0°16	S 11
M12	3 30 32	20°49'33	12°35	6°41	4°52	13°18	20°17	2°17	21°24	11° 7	15°34	7°37	8°10	5°18	0°13	M12
T 13	3 34 29	21°49'02	24°57	8°10	5°46	13°51	20°26	2°21	21°26	11° 6	15°34	7°35	8° 7	5°24	0°11	T 13
W14	3 38 25	22°48'33	7♎37	9°38	6°41	14°25	20°36	2°24	21°28	11° 5	15°R34	7°33	8° 4	5°31	0° 8	W14
T 15	3 42 22	23°48'07	20°37	11° 6	7°37	14°59	20°47	2°28	21°31	11° 4	15°34	7°31	8° 0	5°38	0° 6	T 15
F 16	3 46 18	24°47'42	3♏58	12°33	8°33	15°32	20°57	2°32	21°33	11° 3	15°34	7°29	7°57	5°44	0° 4	F 16
S 17	3 50 15	25°47'20	17°40	13°59	9°30	16° 6	21° 7	2°36	21°35	11° 2	15°34	7°28	7°54	5°51	0° 1	S 17
S 18	3 54 11	26°47'00	1♐39	15°24	10°27	16°39	21°18	2°41	21°38	11° 1	15°34	7°D27	7°51	5°58	29♈59	S 18
M19	3 58 8	27°46'41	15°53	16°49	11°25	17°12	21°28	2°45	21°40	11° 0	15°34	7°27	7°48	6° 5	29°56	M19
T 20	4 2 5	28°46'25	0♑17	18°13	12°23	17°45	21°39	2°49	21°43	10°59	15°34	7°28	7°44	6°11	29°54	T 20
W21	4 6 1	29°46'10	14°45	19°36	13°22	18°18	21°50	2°53	21°45	10°58	15°34	7°28	7°41	6°18	29°52	W21
T 22	4 9 58	0♐45'57	29°13	20°58	14°21	18°51	22° 0	2°58	21°48	10°57	15°33	7°29	7°38	6°25	29°50	T 22
F 23	4 13 54	1°45'45	13♒36	22°19	15°21	19°23	22°11	3° 2	21°51	10°56	15°33	7°30	7°35	6°31	29°47	F 23
S 24	4 17 51	2°45'35	27°50	23°40	16°21	19°55	22°22	3° 7	21°53	10°55	15°33	7°R30	7°32	6°38	29°45	S 24
S 25	4 21 47	3°45'27	11♓54	24°59	17°21	20°28	22°34	3°12	21°56	10°54	15°33	7°30	7°29	6°45	29°43	S 25
M26	4 25 44	4°45'20	25°46	26°17	18°22	21° 0	22°45	3°16	21°59	10°53	15°32	7°30	7°25	6°51	29°41	M26
T 27	4 29 40	5°45'14	9♈25	27°33	19°23	21°32	22°56	3°21	22° 1	10°52	15°32	7°29	7°22	6°58	29°39	T 27
W28	4 33 37	6°45'10	22°51	28°49	20°25	22° 3	23° 7	3°26	22° 4	10°52	15°32	7°29	7°19	7° 5	29°37	W28
T 29	4 37 34	7°45'08	6♉ 3	0♑ 2	21°27	22°35	23°19	3°31	22° 7	10°51	15°31	7°D29	7°16	7°12	29°35	T 29
F 30	4 41 30	8♐45'07	19♉ 2	1♑14	22♎30	23♍ 7	23♑30	3♒36	22♑10	10♈50	15♌31	7♐29	7♐13	7♌18	29♈33	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14 s40	13n23	3n26	17 s37	0 s 8	0n 9	1 s41	10n13	1n26	21 s58	0 s 1	19 s34	0n 2	21 s59	0 s24	3n26	1 s 7	16n23	0n22	21 s23	21 s34	14n57	11n58	0n22
F 2	14 59	17 0	2 25	18 9	0 15	0 s 1	1 32	10 1	1 27	21 57	0 2	19 33	0 2	21 59	0 24	3 25	1 7	16 23	0 22	21 23	21 33	14 55	11 57	0 22
S 3	15 17	19 39	1 18	18 40	0 22	0 12	1 24	9 49	1 28	21 56	0 2	19 33	0 2	21 59	0 24	3 25	1 7	16 23	0 22	21 22	21 33	14 53	11 56	0 22
S 4	15 35	21 15	0 9	19 11	0 29	0 23	1 16	9 36	1 29	21 55	0 2	19 32	0 2	21 58	0 24	3 24	1 7	16 23	0 22	21 22	21 32	14 51	11 55	0 22
M 5	15 52	21 44	1 s 0	19 40	0 36	0 35	1 7	9 24	1 29	21 54	0 2	19 32	0 2	21 58	0 24	3 24	1 7	16 23	0 22	21 22	21 32	14 49	11 54	0 22
T 6	16 10	21 9	2 5	20 8	0 43	0 47	0 59	9 12	1 30	21 53	0 2	19 31	0 2	21 58	0 24	3 23	1 7	16 23	0 22	21 22	21 31	14 47	11 53	0 22
W 7	16 27	19 35	3 2	20 35	0 50	0 59	0 52	9 0	1 31	21 51	0 2	19 30	0 2	21 58	0 24	3 23	1 7	16 23	0 22	21 23	21 31	14 45	11 52	0 22
T 8	16 43	17 11	3 52	21 2	0 57	1 12	0 44	8 47	1 32	21 50	0 2	19 30	0 2	21 57	0 24	3 22	1 7	16 23	0 22	21 23	21 30	14 43	11 51	0 22
F 9	17 0	14 4	4 31	21 27	1 4	1 26	0 36	8 35	1 33	21 49	0 2	19 29	0 2	21 57	0 24	3 22	1 7	16 23	0 23	21 23	21 30	14 41	11 50	0 21
S 10	17 16	10 25	4 58	21 51	1 10	1 40	0 29	8 23	1 34	21 48	0 2	19 28	0 2	21 57	0 24	3 21	1 7	16 23	0 23	21 23	21 29	14 39	11 49	0 21
S 11	17 32	6 19	5 13	22 14	1 17	1 54	0 22	8 11	1 34	21 46	0 2	19 28	0 2	21 56	0 24	3 21	1 7	16 23	0 23	21 23	21 29	14 36	11 48	0 21
M12	17 48	1 55	5 15	22 36	1 23	2 9	0 15	7 59	1 35	21 45	0 2	19 27	0 1	21 56	0 24	3 20	1 7	16 23	0 23	21 23	21 28	14 34	11 47	0 21
T 13	18 3	2 s38	5 2	22 57	1 30	2 24	0 8	7 47	1 36	21 44	0 3	19 26	0 1	21 56	0 24	3 20	1 7	16 23	0 23	21 23	21 28	14 32	11 46	0 21
W14	18 18	7 11	4 34	23 16	1 36	2 39	0 1	7 34	1 37	21 42	0 3	19 25	0 1	21 55	0 24	3 19	1 7	16 23	0 23	21 22	21 27	14 30	11 45	0 21
T 15	18 33	11 33	3 51	23 35	1 42	2 55	0n 5	7 22	1 38	21 41	0 3	19 25	0 1	21 55	0 24	3 19	1 7	16 23	0 23	21 22	21 27	14 28	11 44	0 21
F 16	18 48	15 28	2 55	23 52	1 48	3 11	0 12	7 10	1 39	21 39	0 3	19 24	0 1	21 54	0 24	3 19	1 7	16 24	0 23	21 22	21 26	14 26	11 43	0 21
S 17	19 2	18 40	1 48	24 9	1 53	3 27	0 18	6 58	1 40	21 38	0 3	19 23	0 1	21 54	0 24	3 18	1 7	16 24	0 23	21 22	21 26	14 24	11 42	0 21
S 18	19 16	20 50	0 32	24 24	1 59	3 44	0 24	6 46	1 41	21 36	0 3	19 22	0 1	21 54	0 24	3 18	1 7	16 24	0 23	21 21	21 25	14 22	11 41	0 21
M19	19 29	21 43	0n47	24 38	2 4	4 1	0 30	6 34	1 41	21 35	0 3	19 21	0 1	21 53	0 24	3 17	1 6	16 24	0 23	21 21	21 25	14 20	11 40	0 21
T 20	19 42	21 10	2 3	24 51	2 9	4 18	0 36	6 22	1 42	21 33	0 3	19 20	0 1	21 53	0 24	3 17	1 6	16 24	0 23	21 22	21 24	14 18	11 39	0 21
W21	19 55	19 14	3 12	25 2	2 14	4 35	0 41	6 10	1 43	21 32	0 3	19 19	0 1	21 52	0 24	3 17	1 6	16 24	0 23	21 22	21 24	14 16	11 39	0 20
T 22	20 8	16 4	4 9	25 13	2 18	4 53	0 47	5 58	1 44	21 30	0 3	19 19	0 1	21 52	0 24	3 16	1 6	16 24	0 23	21 22	21 23	14 14	11 38	0 20
F 23	20 20	11 57	4 50	25 22	2 22	5 11	0 52	5 47	1 45	21 28	0 3	19 18	0 1	21 52	0 24	3 16	1 6	16 24	0 24	21 22	21 23	14 12	11 37	0 20
S 24	20 31	7 13	5 13	25 31	2 26	5 29	0 57	5 35	1 46	21 27	0 4	19 17	0 1	21 51	0 24	3 16	1 6	16 24	0 24	21 22	21 22	14 10	11 36	0 20
S 25	20 43	2 9	5 16	25 38	2 30	5 48	1 2	5 23	1 47	21 25	0 4	19 16	0 0	21 51	0 24	3 15	1 6	16 25	0 24	21 22	21 22	14 8	11 35	0 20
M26	20 54	2n57	5 1	25 43	2 33	6 6	1 7	5 11	1 48	21 23	0 4	19 15	0 0	21 50	0 24	3 15	1 6	16 25	0 24	21 22	21 21	14 6	11 34	0 20
T 27	21 4	7 50	4 29	25 48	2 36	6 25	1 12	5 0	1 49	21 21	0 4	19 14	0 0	21 50	0 24	3 15	1 6	16 25	0 24	21 22	21 21	14 4	11 33	0 20
W28	21 15	12 16	3 43	25 52	2 39	6 44	1 16	4 48	1 49	21 20	0 4	19 13	0 0	21 49	0 24	3 15	1 6	16 25	0 24	21 22	21 20	14 2	11 33	0 20
T 29	21 24	16 2	2 46	25 54	2 41	7 2	1 21	4 37	1 50	21 18	0 4	19 11	0 0	21 49	0 24	3 14	1 6	16 25	0 24	21 22	21 20	13 59	11 32	0 20
F 30	21 s34	18n56	1n41	25 s55	2 s42	7 s22	1n25	4n25	1n51	21 s16	0 s 4	19 s10	0n 0	21 s48	0 s24	3n14	1 s 6	16n25	0n24	21 s22	21 s19	13n57	11n31	0n20

Julian Day Number = 3061074.5, Delta T = 02h31m33s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'11, Lahiri = 47°15'11

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ASTRODIENST EPHEMERIS for the year 3668
geocentric

DECEMBER 3668 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 45 27	9♐45'08	1♊48	2♑24	23♎32	23♍38	23♑42	3♒41	22♑13	10°R50	15°R31	7°R29	7♐10	7♌25	29°R31	S 1
S 2	4 49 23	10°45'11	14°20	3°32	24°36	24° 9	23°54	3°46	22°16	10♈49	15♌30	7♐29	7° 6	7°32	29♈29	S 2
M 3	4 53 20	11°45'16	26°41	4°37	25°39	24°40	24° 5	3°51	22°19	10°48	15°30	7°29	7° 3	7°38	29°27	M 3
T 4	4 57 16	12°45'22	8♋51	5°40	26°43	25°11	24°17	3°57	22°22	10°48	15°29	7°29	7° 0	7°45	29°25	T 4
W 5	5 1 13	13°45'31	20°51	6°39	27°47	25°41	24°29	4° 2	22°25	10°47	15°29	7°28	6°57	7°52	29°23	W 5
T 6	5 5 9	14°45'41	2♌46	7°36	28°52	26°12	24°41	4° 7	22°28	10°47	15°28	7°27	6°54	7°58	29°22	T 6
F 7	5 9 6	15°45'53	14°37	8°28	29°56	26°42	24°53	4°13	22°31	10°46	15°28	7°26	6°50	8° 5	29°20	F 7
S 8	5 13 3	16°46'07	26°28	9°16	1♏ 2	27°12	25° 5	4°18	22°34	10°46	15°27	7°25	6°47	8°12	29°18	S 8
S 9	5 16 59	17°46'22	8♍24	9°59	2° 7	27°42	25°18	4°24	22°37	10°45	15°27	7°24	6°44	8°19	29°17	S 9
M10	5 20 56	18°46'40	20°30	10°37	3°13	28°12	25°30	4°29	22°40	10°45	15°26	7°D24	6°41	8°25	29°15	M10
T 11	5 24 52	19°46'59	2♎48	11° 9	4°18	28°41	25°42	4°35	22°43	10°45	15°26	7°24	6°38	8°32	29°14	T 11
W12	5 28 49	20°47'21	15°25	11°34	5°25	29°10	25°55	4°41	22°47	10°44	15°25	7°25	6°35	8°39	29°12	W12
T 13	5 32 45	21°47'44	28°24	11°51	6°31	29°39	26° 7	4°47	22°50	10°44	15°24	7°27	6°31	8°45	29°11	T 13
F 14	5 36 42	22°48'09	11♏48	12° 1	7°38	0♎ 8	26°20	4°52	22°53	10°44	15°24	7°28	6°28	8°52	29° 9	F 14
S 15	5 40 38	23°48'36	25°37	12°R 1	8°45	0°37	26°32	4°58	22°56	10°44	15°23	7°29	6°25	8°59	29° 8	S 15
S 16	5 44 35	24°49'04	9♐50	11°51	9°52	1° 5	26°45	5° 4	23° 0	10°43	15°22	7°R29	6°22	9° 6	29° 7	S 16
M17	5 48 32	25°49'34	24°25	11°32	10°59	1°34	26°58	5°10	23° 3	10°43	15°21	7°28	6°19	9°12	29° 6	M17
T 18	5 52 28	26°50'06	9♑14	11° 1	12° 7	2° 2	27°10	5°16	23° 6	10°43	15°21	7°27	6°16	9°19	29° 4	T 18
W19	5 56 25	27°50'39	24°11	10°20	13°14	2°29	27°23	5°22	23°10	10°43	15°20	7°24	6°12	9°26	29° 3	W19
T 20	6 0 21	28°51'13	9♒ 6	9°29	14°22	2°57	27°36	5°29	23°13	10°43	15°19	7°21	6° 9	9°32	29° 2	T 20
F 21	6 4 18	29°51'48	23°51	8°28	15°30	3°24	27°49	5°35	23°17	10°D43	15°18	7°18	6° 6	9°39	29° 1	F 21
S 22	6 8 14	0♑52'24	8♓21	7°18	16°39	3°51	28° 2	5°41	23°20	10°43	15°17	7°16	6° 3	9°46	29° 0	S 22
S 23	6 12 11	1°53'02	22°31	6° 2	17°47	4°18	28°15	5°47	23°23	10°43	15°16	7°15	6° 0	9°52	28°59	S 23
M24	6 16 8	2°53'40	6♈21	4°41	18°56	4°45	28°28	5°54	23°27	10°43	15°16	7°D14	5°56	9°59	28°58	M24
T 25	6 20 4	3°54'19	19°49	3°18	20° 5	5°11	28°41	6° 0	23°30	10°43	15°15	7°15	5°53	10° 6	28°58	T 25
W26	6 24 1	4°54'59	2♉58	1°57	21°14	5°37	28°54	6° 6	23°34	10°43	15°14	7°17	5°50	10°13	28°57	W26
T 27	6 27 57	5°55'41	15°51	0°39	22°23	6° 3	29° 8	6°13	23°37	10°44	15°13	7°18	5°47	10°19	28°56	T 27
F 28	6 31 54	6°56'23	28°29	29♐27	23°32	6°28	29°21	6°19	23°41	10°44	15°12	7°20	5°44	10°26	28°56	F 28
S 29	6 35 50	7°57'06	10♊55	28°23	24°42	6°53	29°34	6°26	23°44	10°44	15°11	7°R20	5°41	10°33	28°55	S 29
S 30	6 39 47	8°57'50	23°11	27°30	25°51	7°18	29°47	6°32	23°48	10°44	15°10	7°19	5°37	10°39	28°54	S 30
M31	6 43 43	9♑58'36	5♋19	26♐47	27♏ 1	7♎43	0♒ 1	6♒39	23♑52	10♈45	15♌ 9	7♐16	5♐34	10♌46	28♈54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s43	20n51	0n32	25s55	2s43	7s41	1n29	4n14	1n52	21s14	0s 4	19s 9	0n 0	21s48	0s24	3n14	1s 6	16n26	0n24	21s22	21s19	13n55	11n30	0n20
S 2	21 51	21 41	0s38	25 54	2 44	8 0	1 33	4 2	1 53	21 12	0 4	19 8	0s 0	21 48	0 24	3 14	1 6	16 26	0 24	21 22	21 18	13 53	11 30	0 19
M 3	22 0	21 26	1 45	25 52	2 44	8 19	1 37	3 51	1 54	21 10	0 4	19 7	0 0	21 47	0 24	3 13	1 6	16 26	0 24	21 22	21 17	13 51	11 29	0 19
T 4	22 7	20 11	2 45	25 49	2 43	8 39	1 40	3 40	1 55	21 8	0 4	19 6	0 0	21 47	0 24	3 13	1 6	16 26	0 24	21 22	21 17	13 49	11 28	0 19
W 5	22 15	18 2	3 38	25 45	2 41	8 58	1 44	3 29	1 56	21 6	0 4	19 5	0 0	21 46	0 24	3 13	1 6	16 26	0 24	21 22	21 16	13 47	11 27	0 19
T 6	22 22	15 8	4 21	25 39	2 39	9 18	1 47	3 17	1 57	21 4	0 5	19 4	0 0	21 46	0 24	3 13	1 6	16 27	0 25	21 21	21 16	13 45	11 27	0 19
F 7	22 28	11 38	4 52	25 33	2 36	9 38	1 50	3 6	1 58	21 2	0 5	19 2	0 0	21 45	0 24	3 13	1 6	16 27	0 25	21 21	21 15	13 43	11 26	0 19
S 8	22 34	7 42	5 11	25 26	2 32	9 57	1 53	2 55	1 59	21 0	0 5	19 1	0 0	21 45	0 24	3 13	1 6	16 27	0 25	21 21	21 15	13 41	11 25	0 19
S 9	22 40	3 26	5 17	25 18	2 27	10 17	1 56	2 45	2 0	20 58	0 5	19 0	0 1	21 44	0 24	3 12	1 6	16 27	0 25	21 21	21 14	13 39	11 25	0 19
M10	22 45	1s 0	5 9	25 9	2 22	10 36	1 59	2 34	2 1	20 56	0 5	18 59	0 1	21 44	0 24	3 12	1 6	16 28	0 25	21 21	21 14	13 37	11 24	0 19
T 11	22 50	5 29	4 46	25 0	2 14	10 56	2 2	2 23	2 2	20 54	0 5	18 57	0 1	21 43	0 24	3 12	1 6	16 28	0 25	21 21	21 13	13 34	11 23	0 19
W12	22 54	9 52	4 10	24 49	2 6	11 15	2 4	2 12	2 3	20 51	0 5	18 56	0 1	21 42	0 24	3 12	1 6	16 28	0 25	21 21	21 13	13 32	11 23	0 19
T 13	22 58	13 55	3 20	24 38	1 57	11 35	2 7	2 2	2 4	20 49	0 5	18 55	0 1	21 42	0 24	3 12	1 6	16 28	0 25	21 21	21 12	13 30	11 22	0 18
F 14	23 2	17 25	2 17	24 27	1 46	11 54	2 9	1 51	2 5	20 47	0 5	18 53	0 1	21 41	0 24	3 12	1 6	16 29	0 25	21 22	21 12	13 28	11 22	0 18
S 15	23 5	20 3	1 5	24 14	1 34	12 13	2 11	1 41	2 6	20 45	0 5	18 52	0 1	21 41	0 24	3 12	1 6	16 29	0 25	21 22	21 11	13 26	11 21	0 18
S 16	23 7	21 31	0n13	24 2	1 20	12 32	2 13	1 31	2 7	20 42	0 5	18 51	0 1	21 40	0 24	3 12	1 6	16 29	0 25	21 22	21 11	13 24	11 21	0 18
M17	23 9	21 34	1 32	23 48	1 5	12 51	2 15	1 21	2 8	20 40	0 5	18 49	0 1	21 40	0 24	3 12	1 6	16 29	0 25	21 22	21 10	13 22	11 20	0 18
T 18	23 11	20 8	2 46	23 34	0 48	13 10	2 16	1 10	2 9	20 38	0 6	18 48	0 1	21 39	0 24	3 12	1 6	16 30	0 25	21 21	21 10	13 20	11 20	0 18
W19	23 12	17 19	3 50	23 20	0 30	13 29	2 18	1 0	2 10	20 35	0 6	18 47	0 1	21 39	0 24	3 12	1 6	16 30	0 25	21 21	21 9	13 18	11 19	0 18
T 20	23 13	13 21	4 37	23 5	0 12	13 47	2 19	0 51	2 11	20 33	0 6	18 45	0 1	21 38	0 24	3 12	1 6	16 30	0 26	21 20	21 8	13 16	11 19	0 18
F 21	23 13	8 38	5 6	22 49	0n 8	14 6	2 20	0 41	2 12	20 30	0 6	18 44	0 1	21 37	0 24	3 12	1 6	16 31	0 26	21 20	21 8	13 13	11 18	0 18
S 22	23 13	3 30	5 15	22 33	0 28	14 24	2 22	0 31	2 13	20 28	0 6	18 42	0 1	21 37	0 24	3 12	1 6	16 31	0 26	21 20	21 7	13 11	11 18	0 18
S 23	23 13	1n43	5 4	22 17	0 49	14 42	2 23	0 22	2 14	20 25	0 6	18 41	0 2	21 36	0 24	3 12	1 6	16 31	0 26	21 19	21 7	13 9	11 17	0 17
M24	23 12	6 43	4 35	22 0	1 8	15 0	2 23	0 12	2 15	20 23	0 6	18 39	0 2	21 36	0 24	3 12	1 6	16 32	0 26	21 19	21 6	13 7	11 17	0 17
T 25	23 10	11 16	3 52	21 44	1 27	15 17	2 24	0 3	2 16	20 20	0 6	18 38	0 2	21 35	0 24	3 12	1 6	16 32	0 26	21 19	21 6	13 5	11 17	0 17
W26	23 8	15 10	2 58	21 28	1 45	15 34	2 25	0s 6	2 17	20 18	0 6	18 36	0 2	21 35	0 24	3 12	1 5	16 32	0 26	21 20	21 5	13 3	11 16	0 17
T 27	23 6	18 16	1 55	21 13	2 0	15 51	2 25	0 15	2 18	20 15	0 6	18 35	0 2	21 34	0 24	3 12	1 5	16 33	0 26	21 20	21 5	13 1	11 16	0 17
F 28	23 3	20 26	0 48	20 59	2 14	16 8	2 26	0 24	2 19	20 12	0 6	18 33	0 2	21 33	0 24	3 12	1 5	16 33	0 26	21 20	21 4	12 59	11 16	0 17
S 29	22 59	21 33	0s20	20 48	2 25	16 24	2 26	0 33	2 21	20 10	0 6	18 32	0 2	21 33	0 24	3 12	1 5	16 33	0 26	21 20	21 3	12 57	11 15	0 17
S 30	22 55	21 37	1 26	20 38	2 34	16 41	2 26	0 42	2 22	20 7	0 7	18 30	0 2	21 32	0 24	3 13	1 5	16 34	0 26	21 20	21 3	12 54	11 15	0 17
M31	22s51	20n40	2s27	20s30	2n41	16s56	2n26	0s51	2n23	20s 4	0s 7	18s29	0s 2	21s32	0s24	3n13	1s 5	16n34	0n26	21s20	21s 2	12n52	11n15	0n17

Julian Day Number = 3061104.5, Delta T = 02h31m34s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'15, Lahiri = 47°15'16

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

JANUARY 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 47 40	10♉59'22	17♋20	26°R16	28♏11	8♎ 7	0♒14	6♒46	23♉55	10♈45	15°R 8	7°R11	5♐31	10♌53	28°R54	T 1
W 2	6 51 37	12° 0'09	29°17	25♐55	29°21	8°31	0°28	6°52	23°59	10°46	15♌ 7	7♐ 5	5°28	11° 0	28♈53	W 2
T 3	6 55 33	13° 0'58	11♌ 9	25°D47	0♐31	8°55	0°41	6°59	24° 2	10°46	15° 6	6°58	5°25	11° 6	28°53	T 3
F 4	6 59 30	14° 1'47	23° 0	25°48	1°42	9°18	0°55	7° 6	24° 6	10°46	15° 5	6°51	5°22	11°13	28°53	F 4
S 5	7 3 26	15° 2'38	4♍52	26° 0	2°52	9°41	1° 8	7°13	24° 9	10°47	15° 4	6°45	5°18	11°20	28°52	S 5
S 6	7 7 23	16° 3'30	16°48	26°20	4° 3	10° 4	1°22	7°19	24°13	10°47	15° 3	6°39	5°15	11°26	28°52	S 6
M 7	7 11 19	17° 4'22	28°51	26°49	5°14	10°27	1°35	7°26	24°17	10°48	15° 1	6°35	5°12	11°33	28°52	M 7
T 8	7 15 16	18° 5'16	11♎ 6	27°24	6°24	10°49	1°49	7°33	24°20	10°49	15° 0	6°33	5° 9	11°40	28°D52	T 8
W 9	7 19 12	19° 6'11	23°37	28° 7	7°35	11°10	2° 3	7°40	24°24	10°49	14°59	6°D33	5° 6	11°47	28°52	W 9
T 10	7 23 9	20° 7'07	6♏28	28°55	8°47	11°32	2°16	7°47	24°28	10°50	14°58	6°34	5° 2	11°53	28°52	T 10
F 11	7 27 6	21° 8'05	19°44	29°49	9°58	11°53	2°30	7°54	24°31	10°51	14°57	6°36	4°59	12° 0	28°52	F 11
S 12	7 31 2	22° 9'03	3♐27	0♉46	11° 9	12°14	2°44	8° 1	24°35	10°51	14°56	6°R37	4°56	12° 7	28°52	S 12
S 13	7 34 59	23°10'02	17°40	1°48	12°20	12°34	2°57	8° 7	24°38	10°52	14°55	6°36	4°53	12°13	28°53	S 13
M14	7 38 55	24°11'02	2♉19	2°53	13°32	12°54	3°11	8°14	24°42	10°53	14°53	6°34	4°50	12°20	28°53	M14
T 15	7 42 52	25°12'03	17°20	4° 2	14°44	13°13	3°25	8°21	24°46	10°54	14°52	6°29	4°47	12°27	28°53	T 15
W16	7 46 48	26°13'04	2♒34	5°13	15°55	13°32	3°39	8°28	24°49	10°55	14°51	6°22	4°43	12°34	28°54	W16
T 17	7 50 45	27°14'06	17°50	6°26	17° 7	13°51	3°52	8°35	24°53	10°56	14°50	6°14	4°40	12°40	28°54	T 17
F 18	7 54 42	28°15'08	2♓59	7°41	18°19	14° 9	4° 6	8°43	24°57	10°57	14°49	6° 6	4°37	12°47	28°55	F 18
S 19	7 58 38	29°16'11	17°49	8°58	19°31	14°27	4°20	8°50	25° 0	10°58	14°47	5°58	4°34	12°54	28°55	S 19
S 20	8 2 35	0♒17'14	2♈15	10°17	20°43	14°44	4°34	8°57	25° 4	10°59	14°46	5°53	4°31	13° 0	28°56	S 20
M21	8 6 31	1°18'16	16°13	11°37	21°55	15° 1	4°48	9° 4	25° 8	11° 0	14°45	5°50	4°28	13° 7	28°57	M21
T 22	8 10 28	2°19'19	29°44	12°58	23° 7	15°17	5° 2	9°11	25°11	11° 1	14°44	5°D48	4°24	13°14	28°57	T 22
W23	8 14 24	3°20'22	12♉49	14°21	24°19	15°33	5°16	9°18	25°15	11° 2	14°42	5°49	4°21	13°21	28°58	W23
T 24	8 18 21	4°21'25	25°33	15°44	25°32	15°49	5°29	9°25	25°18	11° 3	14°41	5°50	4°18	13°27	28°59	T 24
F 25	8 22 17	5°22'28	8♊ 0	17° 9	26°44	16° 4	5°43	9°32	25°22	11° 4	14°40	5°R50	4°15	13°34	29° 0	F 25
S 26	8 26 14	6°23'31	20°13	18°34	27°57	16°18	5°57	9°39	25°26	11° 5	14°39	5°49	4°12	13°41	29° 1	S 26
S 27	8 30 11	7°24'34	2♋17	20° 0	29° 9	16°32	6°11	9°46	25°29	11° 6	14°37	5°45	4° 8	13°47	29° 2	S 27
M28	8 34 7	8°25'37	14°15	21°26	0♉22	16°46	6°25	9°53	25°33	11° 8	14°36	5°39	4° 5	13°54	29° 3	M28
T 29	8 38 4	9°26'40	26°10	22°54	1°34	16°58	6°39	10° 1	25°36	11° 9	14°35	5°30	4° 2	14° 1	29° 4	T 29
W30	8 42 0	10°27'43	8♌ 2	24°22	2°47	17°11	6°53	10° 8	25°40	11°10	14°33	5°18	3°59	14° 8	29° 5	W30
T 31	8 45 57	11♒28'46	19♌54	25♉50	4♉ 0	17♎23	7♒ 6	10♒15	25♉43	11♈12	14♌32	5♐ 5	3♐56	14♌14	29♈ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s46	18n47	3s21	20s25	2n45	17s12	2n26	0s59	2n24	20s 2	0s 7	18s27	0s 2	21s31	0s24	3n13	1s 5	16n34	0n26	21s19	21s 2	12n50	11n15	0n17
W 2	22 41	16 6	4 6	20 22	2 48	17 27	2 26	1 7	2 25	19 59	0 7	18 25	0 2	21 30	0 24	3 13	1 5	16 35	0 26	21 18	21 1	12 48	11 14	0 17
T 3	22 36	12 47	4 39	20 21	2 48	17 42	2 26	1 16	2 26	19 56	0 7	18 24	0 2	21 30	0 24	3 13	1 5	16 35	0 27	21 17	21 1	12 46	11 14	0 16
F 4	22 30	8 58	5 1	20 22	2 47	17 56	2 25	1 24	2 27	19 53	0 7	18 22	0 2	21 29	0 24	3 14	1 5	16 35	0 27	21 16	21 0	12 44	11 14	0 16
S 5	22 23	4 49	5 10	20 25	2 45	18 10	2 25	1 32	2 28	19 50	0 7	18 21	0 2	21 29	0 24	3 14	1 5	16 36	0 27	21 14	21 0	12 42	11 14	0 16
S 6	22 16	0 28	5 5	20 29	2 41	18 24	2 24	1 39	2 30	19 48	0 7	18 19	0 3	21 28	0 24	3 14	1 5	16 36	0 27	21 13	20 59	12 40	11 14	0 16
M 7	22 9	3s57	4 47	20 34	2 37	18 37	2 24	1 47	2 31	19 45	0 7	18 17	0 3	21 27	0 24	3 14	1 5	16 37	0 27	21 13	20 58	12 37	11 14	0 16
T 8	22 1	8 17	4 16	20 41	2 31	18 50	2 23	1 54	2 32	19 42	0 7	18 16	0 3	21 27	0 24	3 14	1 5	16 37	0 27	21 13	20 58	12 35	11 13	0 16
W 9	21 53	12 22	3 32	20 48	2 25	19 3	2 22	2 2	2 33	19 39	0 7	18 14	0 3	21 26	0 24	3 15	1 5	16 37	0 27	21 13	20 57	12 33	11 13	0 16
T 10	21 44	16 0	2 36	20 55	2 18	19 15	2 21	2 9	2 34	19 36	0 7	18 12	0 3	21 25	0 24	3 15	1 5	16 38	0 27	21 13	20 57	12 31	11 13	0 16
F 11	21 35	18 57	1 30	21 2	2 11	19 26	2 20	2 16	2 36	19 33	0 8	18 11	0 3	21 25	0 24	3 15	1 5	16 38	0 27	21 13	20 56	12 29	11 13	0 16
S 12	21 25	20 56	0 17	21 10	2 3	19 37	2 19	2 23	2 37	19 30	0 8	18 9	0 3	21 24	0 24	3 16	1 5	16 39	0 27	21 13	20 56	12 27	11 13	0 16
S 13	21 15	21 40	0n59	21 17	1 55	19 48	2 17	2 29	2 38	19 27	0 8	18 7	0 3	21 23	0 24	3 16	1 5	16 39	0 27	21 13	20 55	12 25	11 13	0 16
M14	21 5	20 58	2 14	21 24	1 47	19 58	2 16	2 36	2 39	19 24	0 8	18 5	0 3	21 23	0 24	3 16	1 5	16 39	0 27	21 13	20 55	12 22	11 13	0 15
T 15	20 54	18 47	3 21	21 31	1 39	20 8	2 14	2 42	2 40	19 21	0 8	18 4	0 3	21 22	0 24	3 17	1 5	16 40	0 27	21 12	20 54	12 20	11 13	0 15
W16	20 43	15 16	4 15	21 37	1 30	20 17	2 13	2 48	2 42	19 18	0 8	18 2	0 3	21 22	0 24	3 17	1 5	16 40	0 27	21 11	20 53	12 18	11 13	0 15
T 17	20 31	10 43	4 51	21 42	1 22	20 26	2 11	2 54	2 43	19 14	0 8	18 0	0 3	21 21	0 24	3 17	1 5	16 41	0 27	21 9	20 53	12 16	11 13	0 15
F 18	20 19	5 33	5 6	21 47	1 13	20 34	2 10	3 0	2 44	19 11	0 8	17 58	0 3	21 20	0 24	3 18	1 5	16 41	0 28	21 8	20 52	12 14	11 14	0 15
S 19	20 7	0 10	5 0	21 51	1 5	20 41	2 8	3 6	2 45	19 8	0 8	17 57	0 3	21 20	0 24	3 18	1 5	16 41	0 28	21 7	20 52	12 12	11 14	0 15
S 20	19 54	5n 6	4 35	21 54	0 56	20 48	2 6	3 11	2 47	19 5	0 8	17 55	0 3	21 19	0 24	3 19	1 5	16 42	0 28	21 6	20 51	12 10	11 14	0 15
M21	19 41	9 55	3 54	21 56	0 48	20 55	2 4	3 17	2 48	19 2	0 8	17 53	0 4	21 18	0 24	3 19	1 5	16 42	0 28	21 5	20 50	12 7	11 14	0 15
T 22	19 28	14 6	3 1	21 57	0 39	21 1	2 2	3 22	2 49	18 59	0 8	17 51	0 4	21 18	0 24	3 20	1 5	16 43	0 28	21 5	20 50	12 5	11 14	0 15
W23	19 14	17 27	2 0	21 57	0 31	21 6	2 0	3 26	2 51	18 55	0 9	17 50	0 4	21 17	0 24	3 20	1 5	16 43	0 28	21 5	20 49	12 3	11 14	0 15
T 24	19 0	19 52	0 55	21 56	0 23	21 11	1 58	3 31	2 52	18 52	0 9	17 48	0 4	21 16	0 24	3 20	1 5	16 44	0 28	21 5	20 49	12 1	11 15	0 15
F 25	18 45	21 15	0s12	21 54	0 14	21 15	1 56	3 36	2 53	18 49	0 9	17 46	0 4	21 16	0 24	3 21	1 5	16 44	0 28	21 5	20 48	11 59	11 15	0 15
S 26	18 30	21 36	1 16	21 51	0 6	21 19	1 53	3 40	2 54	18 45	0 9	17 44	0 4	21 15	0 24	3 21	1 5	16 44	0 28	21 5	20 48	11 57	11 15	0 14
S 27	18 15	20 56	2 16	21 46	0s 1	21 22	1 51	3 44	2 56	18 42	0 9	17 42	0 4	21 15	0 24	3 22	1 5	16 45	0 28	21 4	20 47	11 54	11 15	0 14
M28	18 0	19 19	3 10	21 41	0 9	21 25	1 49	3 48	2 57	18 39	0 9	17 41	0 4	21 14	0 24	3 22	1 5	16 45	0 28	21 3	20 46	11 52	11 16	0 14
T 29	17 44	16 53	3 54	21 34	0 17	21 27	1 46	3 52	2 58	18 35	0 9	17 39	0 4	21 13	0 24	3 23	1 5	16 46	0 28	21 2	20 46	11 50	11 16	0 14
W30	17 28	13 46	4 29	21 27	0 24	21 28	1 44	3 55	3 0	18 32	0 9	17 37	0 4	21 13	0 24	3 23	1 4	16 46	0 28	21 0	20 45	11 48	11 16	0 14
T 31	17s11	10n 6	4s51	21s18	0s31	21s29	1n41	3s58	3n 1	18s29	0s 9	17s35	0s 4	21s12	0s24	3n24	1s 4	16n47	0n28	20s57	20s45	11n46	11n17	0n14

Julian Day Number = 3061135.5, Delta T = 02h31m35s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'19, Lahiri = 47°15'20

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

FEBRUARY 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 49 53	12♒29'49	1♍47	27♉19	5♉13	17♎34	7♒20	10♒22	25♉47	11♈13	14°R31	4°R52	3♐53	14♌21	29♈ 8	F 1
S 2	8 53 50	13°30'52	13°43	28°48	6°25	17°45	7°34	10°29	25°51	11°14	14♌30	4♐39	3°49	14°28	29° 9	S 2
S 3	8 57 46	14°31'55	25°42	0♒18	7°38	17°55	7°48	10°36	25°54	11°16	14°28	4°28	3°46	14°34	29°11	S 3
M 4	9 1 43	15°32'58	7♎49	1°49	8°51	18° 4	8° 2	10°43	25°58	11°17	14°27	4°19	3°43	14°41	29°12	M 4
T 5	9 5 40	16°34'01	20° 4	3°20	10° 4	18°13	8°16	10°50	26° 1	11°19	14°26	4°13	3°40	14°48	29°13	T 5
W 6	9 9 36	17°35'05	2♏33	4°51	11°18	18°21	8°29	10°57	26° 4	11°20	14°24	4°10	3°37	14°55	29°15	W 6
T 7	9 13 33	18°36'08	15°18	6°23	12°31	18°29	8°43	11° 5	26° 8	11°22	14°23	4°D 9	3°33	15° 1	29°17	T 7
F 8	9 17 29	19°37'12	28°26	7°56	13°44	18°36	8°57	11°12	26°11	11°23	14°22	4°R 9	3°30	15° 8	29°18	F 8
S 9	9 21 26	20°38'15	11♐58	9°29	14°57	18°42	9°11	11°19	26°15	11°25	14°21	4° 9	3°27	15°15	29°20	S 9
S 10	9 25 22	21°39'19	25°58	11° 2	16°10	18°48	9°24	11°26	26°18	11°26	14°19	4° 8	3°24	15°21	29°22	S 10
M11	9 29 19	22°40'22	10♑26	12°36	17°24	18°53	9°38	11°33	26°22	11°28	14°18	4° 4	3°21	15°28	29°23	M11
T 12	9 33 15	23°41'26	25°19	14°11	18°37	18°57	9°52	11°40	26°25	11°30	14°17	3°57	3°18	15°35	29°25	T 12
W13	9 37 12	24°42'29	10♒31	15°46	19°51	19° 1	10° 6	11°47	26°28	11°31	14°16	3°47	3°14	15°42	29°27	W13
T 14	9 41 9	25°43'31	25°52	17°21	21° 4	19° 4	10°19	11°54	26°32	11°33	14°14	3°36	3°11	15°48	29°29	T 14
F 15	9 45 5	26°44'33	11♓10	18°57	22°18	19° 6	10°33	12° 1	26°35	11°35	14°13	3°24	3° 8	15°55	29°31	F 15
S 16	9 49 2	27°45'35	26°13	20°34	23°31	19° 7	10°47	12° 8	26°38	11°37	14°12	3°13	3° 5	16° 2	29°33	S 16
S 17	9 52 58	28°46'35	10♈53	22°11	24°45	19°R 8	11° 0	12°15	26°41	11°38	14°10	3° 5	3° 2	16° 8	29°35	S 17
M18	9 56 55	29°47'35	25° 3	23°49	25°58	19° 8	11°14	12°22	26°44	11°40	14° 9	2°59	2°59	16°15	29°37	M18
T 19	10 0 51	0♓48'34	8♉44	25°27	27°12	19° 7	11°27	12°29	26°48	11°42	14° 8	2°55	2°55	16°22	29°39	T 19
W20	10 4 48	1°49'32	21°55	27° 6	28°26	19° 5	11°41	12°35	26°51	11°44	14° 7	2°54	2°52	16°29	29°42	W20
T 21	10 8 44	2°50'29	4♊41	28°46	29°39	19° 3	11°54	12°42	26°54	11°46	14° 6	2°54	2°49	16°35	29°44	T 21
F 22	10 12 41	3°51'25	17° 6	0♈26	0♒53	19° 0	12° 8	12°49	26°57	11°48	14° 4	2°54	2°46	16°42	29°46	F 22
S 23	10 16 38	4°52'21	29°16	2° 7	2° 7	18°56	12°21	12°56	27° 0	11°49	14° 3	2°52	2°43	16°49	29°48	S 23
S 24	10 20 34	5°53'15	11♋16	3°48	3°20	18°51	12°34	13° 3	27° 3	11°51	14° 2	2°48	2°39	16°55	29°51	S 24
M25	10 24 31	6°54'07	23° 9	5°30	4°34	18°45	12°48	13° 9	27° 6	11°53	14° 1	2°41	2°36	17° 2	29°53	M25
T 26	10 28 27	7°54'59	4♌59	7°13	5°48	18°39	13° 1	13°16	27° 9	11°55	14° 0	2°31	2°33	17° 9	29°56	T 26
W27	10 32 24	8°55'50	16°50	8°57	7° 2	18°32	13°14	13°23	27°12	11°57	13°58	2°18	2°30	17°16	29°58	W27
T 28	10 36 20	9♓56'40	28♌44	10♓41	8♒16	18♎24	13♒27	13♒29	27♉15	11♈59	13♌57	2♐ 4	2♐27	17♌22	0♉ 1	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s54	6n 3	5s 1	21s 8	0s38	21s29	1n38	4s 1	3n 2	18s25	0s 9	17s33	0s 4	21s11	0s24	3n25	1s 4	16n47	0n28	20s55	20s44	11n44	11n17	0n14
S 2	16 37	1 45	4 58	20 57	0 45	21 28	1 36	4 4	3 4	18 22	0 9	17 31	0 4	21 11	0 24	3 25	1 4	16 48	0 29	20 53	20 43	11 41	11 17	0 14
S 3	16 20	2s37	4 41	20 44	0 51	21 27	1 33	4 7	3 5	18 18	0 10	17 30	0 4	21 10	0 24	3 26	1 4	16 48	0 29	20 51	20 43	11 39	11 18	0 14
M 4	16 2	6 56	4 12	20 31	0 58	21 26	1 30	4 9	3 6	18 15	0 10	17 28	0 5	21 9	0 24	3 26	1 4	16 48	0 29	20 49	20 42	11 37	11 18	0 14
T 5	15 44	11 2	3 31	20 16	1 4	21 23	1 28	4 11	3 8	18 12	0 10	17 26	0 5	21 9	0 24	3 27	1 4	16 49	0 29	20 48	20 42	11 35	11 19	0 14
W 6	15 25	14 44	2 39	20 0	1 10	21 20	1 25	4 13	3 9	18 8	0 10	17 24	0 5	21 8	0 24	3 27	1 4	16 49	0 29	20 47	20 41	11 33	11 19	0 13
T 7	15 7	17 51	1 38	19 43	1 15	21 17	1 22	4 14	3 10	18 5	0 10	17 22	0 5	21 8	0 24	3 28	1 4	16 50	0 29	20 47	20 41	11 31	11 20	0 13
F 8	14 48	20 7	0 30	19 25	1 21	21 13	1 19	4 16	3 12	18 1	0 10	17 20	0 5	21 7	0 24	3 29	1 4	16 50	0 29	20 47	20 40	11 28	11 20	0 13
S 9	14 29	21 20	0n41	19 6	1 26	21 8	1 16	4 17	3 13	17 58	0 10	17 18	0 5	21 6	0 24	3 29	1 4	16 51	0 29	20 47	20 39	11 26	11 21	0 13
S 10	14 10	21 17	1 53	18 45	1 31	21 3	1 13	4 18	3 14	17 54	0 10	17 17	0 5	21 6	0 24	3 30	1 4	16 51	0 29	20 47	20 39	11 24	11 21	0 13
M11	13 50	19 50	2 59	18 24	1 35	20 57	1 10	4 18	3 16	17 51	0 10	17 15	0 5	21 5	0 24	3 31	1 4	16 51	0 29	20 46	20 38	11 22	11 22	0 13
T 12	13 30	17 1	3 55	18 1	1 40	20 50	1 7	4 19	3 17	17 47	0 10	17 13	0 5	21 4	0 24	3 31	1 4	16 52	0 29	20 45	20 38	11 20	11 22	0 13
W13	13 10	13 0	4 36	17 37	1 44	20 43	1 4	4 19	3 18	17 43	0 10	17 11	0 5	21 4	0 24	3 32	1 4	16 52	0 29	20 43	20 37	11 18	11 23	0 13
T 14	12 50	8 6	4 58	17 12	1 47	20 35	1 1	4 19	3 20	17 40	0 11	17 9	0 5	21 3	0 24	3 33	1 4	16 53	0 29	20 41	20 36	11 15	11 23	0 13
F 15	12 29	2 43	4 58	16 46	1 51	20 27	0 58	4 18	3 21	17 36	0 11	17 7	0 5	21 3	0 24	3 33	1 4	16 53	0 29	20 39	20 36	11 13	11 24	0 13
S 16	12 9	2n45	4 37	16 19	1 54	20 18	0 55	4 18	3 22	17 33	0 11	17 5	0 5	21 2	0 24	3 34	1 4	16 54	0 29	20 37	20 35	11 11	11 25	0 13
S 17	11 48	7 55	3 58	15 50	1 57	20 8	0 52	4 17	3 24	17 29	0 11	17 4	0 5	21 1	0 24	3 35	1 4	16 54	0 29	20 35	20 34	11 9	11 25	0 13
M18	11 27	12 30	3 6	15 21	1 59	19 58	0 49	4 16	3 25	17 26	0 11	17 2	0 6	21 1	0 24	3 35	1 4	16 54	0 30	20 34	20 34	11 7	11 26	0 12
T 19	11 5	16 14	2 4	14 50	2 2	19 47	0 46	4 14	3 26	17 22	0 11	17 0	0 6	21 0	0 24	3 36	1 4	16 55	0 30	20 33	20 33	11 4	11 27	0 12
W20	10 44	19 1	0 58	14 18	2 4	19 36	0 43	4 12	3 27	17 18	0 11	16 58	0 6	21 0	0 24	3 37	1 4	16 55	0 30	20 33	20 33	11 2	11 27	0 12
T 21	10 22	20 44	0s 9	13 45	2 5	19 24	0 39	4 10	3 28	17 15	0 11	16 56	0 6	20 59	0 24	3 38	1 4	16 56	0 30	20 33	20 32	11 0	11 28	0 12
F 22	10 0	21 22	1 14	13 11	2 6	19 11	0 36	4 8	3 30	17 11	0 11	16 54	0 6	20 59	0 24	3 38	1 4	16 56	0 30	20 33	20 31	10 58	11 29	0 12
S 23	9 38	20 59	2 14	12 36	2 7	18 58	0 33	4 6	3 31	17 8	0 11	16 53	0 6	20 58	0 24	3 39	1 4	16 56	0 30	20 33	20 31	10 56	11 29	0 12
S 24	9 16	19 38	3 8	12 0	2 7	18 45	0 30	4 3	3 32	17 4	0 12	16 51	0 6	20 57	0 24	3 40	1 4	16 57	0 30	20 32	20 30	10 53	11 30	0 12
M25	8 54	17 27	3 52	11 23	2 7	18 31	0 27	4 0	3 33	17 0	0 12	16 49	0 6	20 57	0 24	3 41	1 4	16 57	0 30	20 30	20 30	10 51	11 31	0 12
T 26	8 32	14 32	4 26	10 45	2 7	18 16	0 24	3 56	3 34	16 57	0 12	16 47	0 6	20 56	0 24	3 41	1 4	16 58	0 30	20 29	20 29	10 49	11 32	0 12
W27	8 9	11 3	4 49	10 5	2 6	18 1	0 21	3 53	3 35	16 53	0 12	16 45	0 6	20 56	0 24	3 42	1 4	16 58	0 30	20 26	20 28	10 47	11 33	0 12
T 28	7s46	7n 8	4s59	9s25	2s 5	17s45	0n18	3s49	3n36	16s49	0s12	16s43	0s 6	20s55	0s24	3n43	1s 4	16n58	0n30	20s23	20s28	10n45	11n33	0n12

Julian Day Number = 3061166.5, Delta T = 02h31m36s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'24, Lahiri = 47°15'24

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

MARCH 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 40 17	10♓57'28	10♍42	12♓26	9♒30	18°R16	13♒40	13♒36	27♑18	12♈ 1	13°R56	1°R49	2♐24	17♌29	0♉ 3	F 1
S 2	10 44 13	11°58'16	22°44	14°12	10°44	18♎ 6	13°54	13°43	27°21	12° 3	13♌55	1♐35	2°20	17°36	0° 6	S 2
S 3	10 48 10	12°59'03	4♎53	15°58	11°57	17°56	14° 7	13°49	27°24	12° 5	13°54	1°22	2°17	17°42	0° 8	S 3
M 4	10 52 6	13°59'48	17° 9	17°45	13°11	17°45	14°20	13°56	27°26	12° 7	13°53	1°13	2°14	17°49	0°11	M 4
T 5	10 56 3	15° 0'33	29°34	19°33	14°25	17°33	14°33	14° 2	27°29	12° 9	13°52	1° 6	2°11	17°56	0°14	T 5
W 6	11 0 0	16° 1'17	12♏10	21°21	15°39	17°20	14°45	14° 8	27°32	12°11	13°51	1° 2	2° 8	18° 3	0°17	W 6
T 7	11 3 56	17° 2'00	24°59	23° 9	16°53	17° 7	14°58	14°15	27°35	12°14	13°50	1° 1	2° 5	18° 9	0°19	T 7
F 8	11 7 53	18° 2'42	8♐ 5	24°58	18° 7	16°53	15°11	14°21	27°37	12°16	13°49	1°D 1	2° 1	18°16	0°22	F 8
S 9	11 11 49	19° 3'24	21°31	26°47	19°22	16°38	15°24	14°28	27°40	12°18	13°48	1°R 1	1°58	18°23	0°25	S 9
S 10	11 15 46	20° 4'04	5♑20	28°37	20°36	16°23	15°36	14°34	27°42	12°20	13°47	1° 0	1°55	18°29	0°28	S 10
M11	11 19 42	21° 4'43	19°32	0♈26	21°50	16° 6	15°49	14°40	27°45	12°22	13°46	0°57	1°52	18°36	0°31	M11
T 12	11 23 39	22° 5'22	4♒ 7	2°15	23° 4	15°50	16° 2	14°46	27°47	12°24	13°45	0°51	1°49	18°43	0°34	T 12
W13	11 27 35	23° 5'59	19° 0	4° 4	24°18	15°32	16°14	14°52	27°50	12°26	13°44	0°43	1°45	18°50	0°37	W13
T 14	11 31 32	24° 6'35	4♓ 5	5°52	25°32	15°14	16°27	14°58	27°52	12°29	13°43	0°33	1°42	18°56	0°40	T 14
F 15	11 35 29	25° 7'10	19°11	7°40	26°46	14°55	16°39	15° 4	27°55	12°31	13°42	0°23	1°39	19° 3	0°43	F 15
S 16	11 39 25	26° 7'43	4♈ 9	9°26	28° 0	14°35	16°51	15°10	27°57	12°33	13°41	0°13	1°36	19°10	0°46	S 16
S 17	11 43 22	27° 8'15	18°49	11°10	29°15	14°15	17° 4	15°16	27°59	12°35	13°40	0° 5	1°33	19°17	0°49	S 17
M18	11 47 18	28° 8'46	3♉ 4	12°53	0♓29	13°55	17°16	15°22	28° 2	12°37	13°39	29♏59	1°30	19°23	0°52	M18
T 19	11 51 15	29° 9'14	16°52	14°33	1°43	13°34	17°28	15°28	28° 4	12°40	13°38	29°57	1°26	19°30	0°55	T 19
W20	11 55 11	0♈ 9'42	0♊10	16°10	2°57	13°12	17°40	15°34	28° 6	12°42	13°37	29°D56	1°23	19°37	0°58	W20
T 21	11 59 8	1°10'07	13° 3	17°43	4°11	12°50	17°52	15°39	28° 8	12°44	13°37	29°56	1°20	19°43	1° 1	T 21
F 22	12 3 4	2°10'30	25°33	19°13	5°26	12°28	18° 4	15°45	28°10	12°46	13°36	29°57	1°17	19°50	1° 5	F 22
S 23	12 7 1	3°10'52	7♋46	20°37	6°40	12° 6	18°15	15°51	28°12	12°49	13°35	29°R57	1°14	19°57	1° 8	S 23
S 24	12 10 58	4°11'12	19°47	21°56	7°54	11°43	18°27	15°56	28°14	12°51	13°34	29°56	1°11	20° 4	1°11	S 24
M25	12 14 54	5°11'30	1♌40	23° 9	9° 8	11°19	18°39	16° 2	28°16	12°53	13°33	29°52	1° 7	20°10	1°14	M25
T 26	12 18 51	6°11'46	13°31	24°16	10°22	10°56	18°50	16° 7	28°18	12°55	13°33	29°46	1° 4	20°17	1°18	T 26
W27	12 22 47	7°12'00	25°23	25°15	11°37	10°33	19° 2	16°12	28°20	12°58	13°32	29°38	1° 1	20°24	1°21	W27
T 28	12 26 44	8°12'13	7♍19	26° 6	12°51	10° 9	19°13	16°18	28°22	13° 0	13°31	29°29	0°58	20°30	1°24	T 28
F 29	12 30 40	9°12'23	19°22	26°50	14° 5	9°45	19°25	16°23	28°23	13° 2	13°31	29°19	0°55	20°37	1°28	F 29
S 30	12 34 37	10°12'32	1♎34	27°24	15°19	9°21	19°36	16°28	28°25	13° 4	13°30	29° 9	0°51	20°44	1°31	S 30
S 31	12 38 33	11♈12'39	13♎55	27♈50	16♓34	8♎58	19♒47	16♒33	28♑27	13♈ 7	13♌29	29♏ 0	0♐48	20♌51	1♉35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s24	2n55	4s56	8s44	2s 3	17s29	0n14	3s45	3n37	16s46	0s12	16s42	0s 6	20s55	0s24	3n44	1s 4	16n59	0n30	20s20	20s27	10n43	11n34	0n12
S 2	7 1	1s26	4 40	8 1	2 0	17 12	0 11	3 40	3 38	16 42	0 12	16 40	0 6	20 54	0 24	3 44	1 4	16 59	0 30	20 18	20 27	10 40	11 35	0 11
S 3	6 38	5 46	4 11	7 18	1 58	16 55	0 8	3 36	3 39	16 39	0 12	16 38	0 7	20 54	0 24	3 45	1 4	16 59	0 30	20 15	20 26	10 38	11 36	0 11
M 4	6 14	9 55	3 30	6 33	1 54	16 37	0 5	3 31	3 40	16 35	0 12	16 36	0 7	20 53	0 24	3 46	1 4	17 0	0 30	20 13	20 25	10 36	11 37	0 11
T 5	5 51	13 41	2 38	5 48	1 50	16 19	0 2	3 26	3 40	16 31	0 12	16 34	0 7	20 53	0 24	3 47	1 4	17 0	0 30	20 12	20 25	10 34	11 38	0 11
W 6	5 28	16 54	1 38	5 2	1 46	16 1	0s 1	3 20	3 41	16 28	0 13	16 33	0 7	20 52	0 25	3 48	1 4	17 1	0 30	20 11	20 24	10 32	11 38	0 11
T 7	5 5	19 21	0 32	4 15	1 41	15 42	0 4	3 15	3 42	16 24	0 13	16 31	0 7	20 52	0 25	3 48	1 4	17 1	0 31	20 11	20 23	10 29	11 39	0 11
F 8	4 41	20 51	0n37	3 27	1 36	15 22	0 7	3 9	3 42	16 20	0 13	16 29	0 7	20 51	0 25	3 49	1 4	17 1	0 31	20 11	20 23	10 27	11 40	0 11
S 9	4 18	21 11	1 47	2 38	1 30	15 2	0 10	3 3	3 43	16 17	0 13	16 27	0 7	20 51	0 25	3 50	1 4	17 2	0 31	20 11	20 22	10 25	11 41	0 11
S 10	3 54	20 16	2 51	1 49	1 23	14 42	0 12	2 56	3 43	16 13	0 13	16 26	0 7	20 50	0 25	3 51	1 4	17 2	0 31	20 10	20 22	10 23	11 42	0 11
M11	3 30	18 4	3 48	0 59	1 15	14 21	0 15	2 50	3 44	16 10	0 13	16 24	0 7	20 50	0 25	3 52	1 4	17 2	0 31	20 10	20 21	10 21	11 43	0 11
T 12	3 7	14 40	4 31	0 9	1 8	14 0	0 18	2 43	3 44	16 6	0 13	16 22	0 7	20 49	0 25	3 53	1 4	17 3	0 31	20 9	20 20	10 18	11 44	0 11
W13	2 43	10 17	4 56	0n42	0 59	13 38	0 21	2 36	3 44	16 2	0 13	16 21	0 7	20 49	0 25	3 53	1 4	17 3	0 31	20 7	20 20	10 16	11 45	0 11
T 14	2 19	5 14	5 2	1 33	0 50	13 16	0 24	2 29	3 45	15 59	0 13	16 19	0 7	20 48	0 25	3 54	1 4	17 3	0 31	20 5	20 19	10 14	11 46	0 11
F 15	1 55	0n10	4 47	2 24	0 40	12 54	0 26	2 22	3 45	15 55	0 14	16 17	0 7	20 48	0 25	3 55	1 4	17 4	0 31	20 3	20 18	10 12	11 47	0 10
S 16	1 32	5 29	4 12	3 15	0 29	12 31	0 29	2 14	3 45	15 52	0 14	16 16	0 8	20 47	0 25	3 56	1 4	17 4	0 31	20 1	20 18	10 9	11 48	0 10
S 17	1 8	10 24	3 21	4 6	0 18	12 8	0 32	2 7	3 45	15 48	0 14	16 14	0 8	20 47	0 25	3 57	1 4	17 4	0 31	19 59	20 17	10 7	11 49	0 10
M18	0 44	14 35	2 18	4 56	0 7	11 44	0 34	1 59	3 45	15 45	0 14	16 12	0 8	20 47	0 25	3 58	1 4	17 5	0 31	19 58	20 16	10 5	11 50	0 10
T 19	0 20	17 50	1 9	5 46	0n 5	11 21	0 37	1 51	3 44	15 41	0 14	16 11	0 8	20 46	0 25	3 59	1 4	17 5	0 31	19 57	20 16	10 3	11 51	0 10
W20	0n 4	19 59	0s 1	6 35	0 18	10 57	0 40	1 43	3 44	15 37	0 14	16 9	0 8	20 46	0 25	3 59	1 4	17 5	0 31	19 57	20 15	10 1	11 52	0 10
T 21	0 28	21 1	1 10	7 22	0 31	10 32	0 42	1 35	3 44	15 34	0 14	16 7	0 8	20 45	0 25	4 0	1 4	17 5	0 31	19 57	20 15	9 58	11 53	0 10
F 22	0 51	20 56	2 13	8 9	0 44	10 8	0 44	1 27	3 43	15 30	0 14	16 6	0 8	20 45	0 25	4 1	1 4	17 6	0 31	19 57	20 14	9 56	11 54	0 10
S 23	1 15	19 52	3 8	8 53	0 58	9 43	0 47	1 19	3 43	15 27	0 14	16 4	0 8	20 45	0 25	4 2	1 4	17 6	0 31	19 57	20 13	9 54	11 55	0 10
S 24	1 39	17 55	3 54	9 35	1 12	9 18	0 49	1 11	3 42	15 24	0 15	16 3	0 8	20 44	0 25	4 3	1 4	17 6	0 31	19 57	20 13	9 52	11 56	0 10
M25	2 3	15 13	4 30	10 15	1 26	8 52	0 51	1 2	3 41	15 20	0 15	16 1	0 8	20 44	0 25	4 4	1 4	17 6	0 32	19 56	20 12	9 50	11 57	0 10
T 26	2 26	11 55	4 54	10 52	1 40	8 26	0 54	0 54	3 41	15 17	0 15	16 0	0 8	20 43	0 25	4 5	1 4	17 7	0 32	19 55	20 11	9 47	11 58	0 10
W27	2 50	8 9	5 5	11 27	1 54	8 0	0 56	0 46	3 40	15 13	0 15	15 58	0 8	20 43	0 25	4 6	1 4	17 7	0 32	19 53	20 11	9 45	11 59	0 10
T 28	3 14	4 3	5 3	11 58	2 7	7 34	0 58	0 38	3 39	15 10	0 15	15 57	0 8	20 43	0 25	4 6	1 4	17 7	0 32	19 51	20 10	9 43	12 0	0 9
F 29	3 37	0s15	4 47	12 26	2 20	7 8	1 0	0 29	3 38	15 6	0 15	15 55	0 9	20 42	0 25	4 7	1 4	17 7	0 32	19 49	20 9	9 41	12 1	0 9
S 30	4 0	4 35	4 19	12 49	2 32	6 41	1 2	0 21	3 36	15 3	0 15	15 54	0 9	20 42	0 25	4 8	1 4	17 8	0 32	19 47	20 9	9 38	12 2	0 9
S 31	4n24	8s47	3s38	13n 9	2n44	6s15	1s 4	0s13	3n35	15s 0	0s15	15s52	0s 9	20s42	0s25	4n 9	1s 4	17n 8	0n32	19s45	20s 8	9n36	12n 4	0n 9

Julian Day Number = 3061194.5, Delta T = 02h31m36s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'28, Lahiri = 47°15'28

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

APRIL 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 42 30	12♈12'44	26♎26	28♈ 6	17♓48	8°R34	19♒58	16♒38	28♑28	13♈ 9	13°R29	28°R54	0♐45	20♌57	1♉38	M 1
T 2	12 46 26	13°12'48	9♏ 8	28°R14	19° 2	8♎10	20° 9	16°43	28°30	13°11	13♌28	28♏50	0°42	21° 4	1°41	T 2
W 3	12 50 23	14°12'50	22° 1	28°12	20°16	7°47	20°20	16°48	28°32	13°14	13°28	28°48	0°39	21°11	1°45	W 3
T 4	12 54 20	15°12'51	5♐ 6	28° 2	21°31	7°24	20°30	16°53	28°33	13°16	13°27	28°D48	0°36	21°17	1°48	T 4
F 5	12 58 16	16°12'50	18°24	27°43	22°45	7° 1	20°41	16°58	28°34	13°18	13°27	28°49	0°32	21°24	1°52	F 5
S 6	13 2 13	17°12'47	1♑56	27°16	23°59	6°38	20°52	17° 2	28°36	13°20	13°26	28°50	0°29	21°31	1°55	S 6
S 7	13 6 9	18°12'43	15°44	26°41	25°13	6°15	21° 2	17° 7	28°37	13°23	13°26	28°R51	0°26	21°38	1°59	S 7
M 8	13 10 6	19°12'37	29°47	26° 0	26°28	5°53	21°13	17°11	28°38	13°25	13°25	28°51	0°23	21°44	2° 2	M 8
T 9	13 14 2	20°12'30	14♒ 6	25°14	27°42	5°31	21°23	17°16	28°40	13°27	13°25	28°49	0°20	21°51	2° 6	T 9
W10	13 17 59	21°12'21	28°36	24°24	28°56	5°10	21°33	17°20	28°41	13°29	13°25	28°45	0°16	21°58	2° 9	W10
T 11	13 21 55	22°12'11	13♓15	23°30	0♈10	4°49	21°43	17°25	28°42	13°32	13°24	28°40	0°13	22° 5	2°13	T 11
F 12	13 25 52	23°11'59	27°55	22°35	1°25	4°29	21°53	17°29	28°43	13°34	13°24	28°34	0°10	22°11	2°16	F 12
S 13	13 29 49	24°11'45	12♈30	21°39	2°39	4° 9	22° 3	17°33	28°44	13°36	13°24	28°29	0° 7	22°18	2°20	S 13
S 14	13 33 45	25°11'29	26°53	20°43	3°53	3°50	22°12	17°37	28°45	13°39	13°23	28°25	0° 4	22°25	2°23	S 14
M15	13 37 42	26°11'12	10♉58	19°49	5° 8	3°31	22°22	17°41	28°46	13°41	13°23	28°22	0° 1	22°31	2°27	M15
T 16	13 41 38	27°10'52	24°40	18°58	6°22	3°13	22°32	17°45	28°47	13°43	13°23	28°D21	29♏57	22°38	2°31	T 16
W17	13 45 35	28°10'31	7♊58	18°11	7°36	2°55	22°41	17°49	28°48	13°45	13°23	28°21	29°54	22°45	2°34	W17
T 18	13 49 31	29°10'07	20°54	17°27	8°50	2°39	22°50	17°53	28°48	13°47	13°22	28°22	29°51	22°52	2°38	T 18
F 19	13 53 28	0♉ 9'41	3♋28	16°49	10° 5	2°23	22°59	17°56	28°49	13°50	13°22	28°24	29°48	22°58	2°41	F 19
S 20	13 57 24	1° 9'13	15°45	16°16	11°19	2° 7	23° 8	18° 0	28°50	13°52	13°22	28°26	29°45	23° 5	2°45	S 20
S 21	14 1 21	2° 8'43	27°49	15°48	12°33	1°52	23°17	18° 3	28°50	13°54	13°22	28°R26	29°42	23°12	2°49	S 21
M22	14 5 17	3° 8'11	9♌45	15°27	13°47	1°39	23°26	18° 7	28°51	13°56	13°22	28°26	29°38	23°18	2°52	M22
T 23	14 9 14	4° 7'36	21°37	15°11	15° 2	1°25	23°35	18°10	28°51	13°58	13°22	28°25	29°35	23°25	2°56	T 23
W24	14 13 11	5° 6'59	3♍31	15° 1	16°16	1°13	23°43	18°13	28°52	14° 1	13°22	28°23	29°32	23°32	2°59	W24
T 25	14 17 7	6° 6'20	15°30	14°D57	17°30	1° 1	23°51	18°16	28°52	14° 3	13°D22	28°20	29°29	23°39	3° 3	T 25
F 26	14 21 4	7° 5'39	27°37	14°58	18°44	0°50	24° 0	18°19	28°53	14° 5	13°22	28°16	29°26	23°45	3° 6	F 26
S 27	14 25 0	8° 4'55	9♎57	15° 5	19°58	0°40	24° 8	18°22	28°53	14° 7	13°22	28°13	29°22	23°52	3°10	S 27
S 28	14 28 57	9° 4'10	22°29	15°18	21°13	0°31	24°16	18°25	28°53	14° 9	13°22	28°10	29°19	23°59	3°14	S 28
M29	14 32 53	10° 3'22	5♏16	15°35	22°27	0°23	24°24	18°28	28°53	14°11	13°22	28° 8	29°16	24° 6	3°17	M29
T 30	14 36 50	11♉ 2'33	18♏18	15♈57	23♈41	0♎15	24♒31	18♒31	28♑53	14♈13	13♌22	28♏ 7	29♏13	24♌12	3♉21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n47	12s41	2s45	13n25	2n54	5s48	1s 6	0s 5	3n34	14s56	0s16	15s51	0s 9	20s42	0s25	4n10	1s 4	17n 8	0n32	19s44	20s 7	9n34	12n 5	0n 9
T 2	5 10	16 3	1 44	13 36	3 3	5 20	1 8	0n 3	3 32	14 53	0 16	15 50	0 9	20 41	0 25	4 11	1 4	17 8	0 32	19 43	20 7	9 32	12 6	0 9
W 3	5 33	18 42	0 37	13 43	3 11	4 53	1 9	0 11	3 31	14 50	0 16	15 48	0 9	20 41	0 25	4 12	1 4	17 9	0 32	19 43	20 6	9 30	12 7	0 9
T 4	5 56	20 24	0n34	13 46	3 18	4 26	1 11	0 18	3 29	14 47	0 16	15 47	0 9	20 41	0 25	4 13	1 4	17 9	0 32	19 43	20 5	9 27	12 8	0 9
F 5	6 19	20 59	1 44	13 43	3 23	3 58	1 13	0 26	3 28	14 43	0 16	15 45	0 9	20 40	0 25	4 13	1 4	17 9	0 32	19 43	20 5	9 25	12 9	0 9
S 6	6 42	20 23	2 50	13 37	3 26	3 30	1 14	0 33	3 26	14 40	0 16	15 44	0 9	20 40	0 25	4 14	1 4	17 9	0 32	19 43	20 4	9 23	12 10	0 9
S 7	7 5	18 33	3 47	13 25	3 27	3 3	1 16	0 40	3 24	14 37	0 16	15 43	0 9	20 40	0 25	4 15	1 4	17 9	0 32	19 43	20 3	9 21	12 11	0 9
M 8	7 27	15 35	4 32	13 10	3 27	2 35	1 17	0 47	3 22	14 34	0 16	15 42	0 9	20 40	0 25	4 16	1 4	17 9	0 32	19 43	20 3	9 18	12 13	0 9
T 9	7 50	11 39	5 0	12 51	3 24	2 7	1 19	0 54	3 20	14 31	0 17	15 40	0 10	20 40	0 25	4 17	1 4	17 10	0 32	19 43	20 2	9 16	12 14	0 9
W10	8 12	6 59	5 10	12 28	3 19	1 39	1 20	1 0	3 18	14 28	0 17	15 39	0 10	20 39	0 25	4 18	1 4	17 10	0 32	19 42	20 2	9 14	12 15	0 8
T 11	8 34	1 53	5 1	12 2	3 13	1 10	1 21	1 7	3 16	14 24	0 17	15 38	0 10	20 39	0 26	4 19	1 4	17 10	0 32	19 41	20 1	9 12	12 16	0 8
F 12	8 56	3n20	4 31	11 34	3 5	0 42	1 22	1 13	3 14	14 21	0 17	15 37	0 10	20 39	0 26	4 19	1 4	17 10	0 32	19 40	20 0	9 10	12 17	0 8
S 13	9 18	8 20	3 44	11 4	2 55	0 14	1 24	1 18	3 12	14 18	0 17	15 36	0 10	20 39	0 26	4 20	1 4	17 10	0 33	19 39	20 0	9 7	12 18	0 8
S 14	9 40	12 49	2 43	10 33	2 43	0n14	1 25	1 24	3 10	14 15	0 17	15 34	0 10	20 39	0 26	4 21	1 4	17 10	0 33	19 38	19 59	9 5	12 19	0 8
M15	10 1	16 28	1 34	10 1	2 31	0 42	1 26	1 29	3 7	14 12	0 17	15 33	0 10	20 38	0 26	4 22	1 4	17 10	0 33	19 37	19 58	9 3	12 21	0 8
T 16	10 23	19 5	0 20	9 29	2 17	1 11	1 26	1 34	3 5	14 9	0 18	15 32	0 10	20 38	0 26	4 23	1 4	17 11	0 33	19 37	19 58	9 1	12 22	0 8
W17	10 44	20 35	0s52	8 57	2 2	1 39	1 27	1 39	3 3	14 7	0 18	15 31	0 10	20 38	0 26	4 24	1 4	17 11	0 33	19 37	19 57	8 58	12 23	0 8
T 18	11 5	20 55	2 0	8 26	1 47	2 7	1 28	1 43	3 0	14 4	0 18	15 30	0 10	20 38	0 26	4 24	1 4	17 11	0 33	19 37	19 56	8 56	12 24	0 8
F 19	11 26	20 10	3 1	7 57	1 31	2 36	1 29	1 47	2 58	14 1	0 18	15 29	0 10	20 38	0 26	4 25	1 4	17 11	0 33	19 37	19 56	8 54	12 25	0 8
S 20	11 46	18 29	3 51	7 30	1 15	3 4	1 29	1 51	2 56	13 58	0 18	15 28	0 11	20 38	0 26	4 26	1 4	17 11	0 33	19 38	19 55	8 52	12 26	0 8
S 21	12 7	15 59	4 30	7 5	0 59	3 32	1 30	1 55	2 53	13 55	0 18	15 27	0 11	20 38	0 26	4 27	1 4	17 11	0 33	19 38	19 54	8 49	12 27	0 8
M22	12 27	12 52	4 58	6 42	0 43	4 0	1 30	1 58	2 51	13 53	0 18	15 26	0 11	20 38	0 26	4 28	1 4	17 11	0 33	19 38	19 53	8 47	12 29	0 8
T 23	12 47	9 14	5 12	6 21	0 27	4 28	1 31	2 1	2 48	13 50	0 19	15 25	0 11	20 38	0 26	4 29	1 4	17 11	0 33	19 38	19 53	8 45	12 30	0 8
W24	13 7	5 15	5 13	6 3	0 12	4 56	1 31	2 3	2 45	13 47	0 19	15 24	0 11	20 38	0 26	4 29	1 4	17 11	0 33	19 37	19 52	8 43	12 31	0 7
T 25	13 26	1 3	5 0	5 47	0s 3	5 24	1 32	2 6	2 43	13 45	0 19	15 23	0 11	20 37	0 26	4 30	1 4	17 11	0 33	19 37	19 51	8 40	12 32	0 7
F 26	13 45	3s16	4 34	5 35	0 18	5 52	1 32	2 8	2 40	13 42	0 19	15 23	0 11	20 37	0 26	4 31	1 4	17 11	0 33	19 36	19 51	8 38	12 33	0 7
S 27	14 5	7 31	3 55	5 24	0 32	6 19	1 32	2 9	2 38	13 40	0 19	15 22	0 11	20 37	0 26	4 32	1 4	17 11	0 33	19 35	19 50	8 36	12 34	0 7
S 28	14 23	11 31	3 4	5 17	0 45	6 47	1 32	2 10	2 35	13 37	0 19	15 21	0 11	20 37	0 26	4 33	1 4	17 11	0 33	19 34	19 49	8 34	12 35	0 7
M29	14 42	15 5	2 3	5 12	0 58	7 14	1 32	2 11	2 33	13 35	0 19	15 20	0 11	20 37	0 26	4 33	1 4	17 11	0 33	19 34	19 49	8 32	12 37	0 7
T 30	15n 0	17s59	0s54	5n 9	1s10	7n41	1s32	2n12	2n30	13s32	0s20	15s19	0s11	20s37	0s26	4n34	1s 4	17n11	0n33	19s34	19s48	8n29	12n38	0n 7

Julian Day Number = 3061225.5, Delta T = 02h31m37s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'32, Lahiri = 47°15'32

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

MAY 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 40 46	12♉ 1'42	1♐34	16♈24	24♈55	0°R 8	24♒39	18♒33	28♑53	14♈15	13♌22	28°D 7	29♏10	24♌19	3♉24	W 1
T 2	14 44 43	13° 0'49	15° 3	16°55	26° 9	0♎ 2	24°46	18°36	28°R54	14°17	13°22	28♏ 7	29° 7	24°26	3°28	T 2
F 3	14 48 40	13°59'54	28°44	17°31	27°23	29♍56	24°54	18°38	28°54	14°19	13°22	28° 8	29° 3	24°32	3°31	F 3
S 4	14 52 36	14°58'57	12♑36	18°10	28°38	29°52	25° 1	18°41	28°53	14°22	13°23	28° 9	29° 0	24°39	3°35	S 4
S 5	14 56 33	15°57'59	26°36	18°53	29°52	29°48	25° 8	18°43	28°53	14°24	13°23	28°10	28°57	24°46	3°38	S 5
M 6	15 0 29	16°56'59	10♒44	19°40	1♉ 6	29°45	25°14	18°45	28°53	14°26	13°23	28°R11	28°54	24°53	3°42	M 6
T 7	15 4 26	17°55'57	24°56	20°30	2°20	29°42	25°21	18°47	28°53	14°28	13°23	28°11	28°51	24°59	3°45	T 7
W 8	15 8 22	18°54'54	9♓12	21°24	3°34	29°41	25°28	18°49	28°53	14°29	13°24	28°10	28°48	25° 6	3°49	W 8
T 9	15 12 19	19°53'49	23°27	22°20	4°48	29°40	25°34	18°51	28°52	14°31	13°24	28° 9	28°44	25°13	3°52	T 9
F 10	15 16 15	20°52'42	7♈40	23°19	6° 2	29°D40	25°40	18°53	28°52	14°33	13°24	28° 8	28°41	25°19	3°56	F 10
S 11	15 20 12	21°51'34	21°45	24°21	7°16	29°40	25°46	18°54	28°51	14°35	13°25	28° 8	28°38	25°26	3°59	S 11
S 12	15 24 9	22°50'24	5♉40	25°26	8°31	29°41	25°52	18°56	28°51	14°37	13°25	28° 7	28°35	25°33	4° 3	S 12
M13	15 28 5	23°49'12	19°22	26°33	9°45	29°44	25°58	18°58	28°50	14°39	13°26	28° 7	28°32	25°40	4° 6	M13
T 14	15 32 2	24°47'58	2♊47	27°43	10°59	29°46	26° 4	18°59	28°50	14°41	13°26	28°D 7	28°28	25°46	4°10	T 14
W15	15 35 58	25°46'43	15°55	28°55	12°13	29°50	26° 9	19° 0	28°49	14°43	13°27	28° 7	28°25	25°53	4°13	W15
T 16	15 39 55	26°45'25	28°44	0♋ 9	13°27	29°54	26°14	19° 1	28°49	14°45	13°27	28° 7	28°22	26° 0	4°16	T 16
F 17	15 43 51	27°44'06	11♌17	1°26	14°41	29°59	26°19	19° 2	28°48	14°46	13°28	28°R 7	28°19	26° 7	4°20	F 17
S 18	15 47 48	28°42'44	23°34	2°45	15°55	0♎ 4	26°24	19° 3	28°47	14°48	13°28	28° 7	28°16	26°13	4°23	S 18
S 19	15 51 44	29°41'20	5♌40	4° 5	17° 9	0°10	26°29	19° 4	28°46	14°50	13°29	28° 7	28°13	26°20	4°26	S 19
M20	15 55 41	0♊39'54	17°37	5°28	18°23	0°17	26°34	19° 5	28°45	14°52	13°29	28° 7	28° 9	26°27	4°30	M20
T 21	15 59 38	1°38'26	29°30	6°53	19°37	0°25	26°38	19° 6	28°44	14°53	13°30	28°D 7	28° 6	26°33	4°33	T 21
W22	16 3 34	2°36'56	11♍25	8°20	20°51	0°33	26°42	19° 6	28°43	14°55	13°30	28° 7	28° 3	26°40	4°36	W22
T 23	16 7 31	3°35'24	23°24	9°48	22° 5	0°41	26°46	19° 7	28°42	14°57	13°31	28° 7	28° 0	26°47	4°39	T 23
F 24	16 11 27	4°33'50	5♎33	11°19	23°19	0°51	26°50	19° 7	28°41	14°58	13°32	28° 8	27°57	26°54	4°43	F 24
S 25	16 15 24	5°32'14	17°56	12°52	24°33	1° 1	26°54	19° 8	28°40	15° 0	13°33	28° 8	27°53	27° 0	4°46	S 25
S 26	16 19 20	6°30'36	0♏35	14°26	25°47	1°11	26°58	19° 8	28°39	15° 2	13°33	28° 9	27°50	27° 7	4°49	S 26
M27	16 23 17	7°28'56	13°34	16° 2	27° 1	1°22	27° 1	19° 8	28°38	15° 3	13°34	28°10	27°47	27°14	4°52	M27
T 28	16 27 13	8°27'14	26°53	17°40	28°15	1°34	27° 4	19°R 8	28°37	15° 5	13°35	28°R10	27°44	27°20	4°55	T 28
W29	16 31 10	9°25'31	10♐31	19°20	29°29	1°46	27° 7	19° 8	28°35	15° 6	13°36	28°10	27°41	27°27	4°58	W29
T 30	16 35 7	10°23'46	24°26	21° 2	0♊43	1°58	27°10	19° 8	28°34	15° 8	13°36	28° 9	27°38	27°34	5° 2	T 30
F 31	16 39 3	11♊21'59	8♑35	22♉46	1♊57	2♎12	27♒13	19♒ 7	28♑33	15♈ 9	13♌37	28♏ 8	27♏34	27♌41	5♉ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n18	19s59	0n19	5n 9	1s21	8n 8	1s32	2n13	2n28	13s30	0s20	15s19	0s12	20s37	0s26	4n35	1s 4	17n11	0n33	19s34	19s47	8n27	12n39	0n 7	
T 2	15 36	20 52	1 32	5 10	1 32	8 35	1 32	2 13	2 25	13 28	0 20	15 18	0 12	20 37	0 26	4 36	1 4	17 11	0 33	19 34	19 47	8 25	12 40	0 7	
F 3	15 54	20 32	2 41	5 15	1 42	9 2	1 31	2 13	2 23	13 25	0 20	15 17	0 12	20 37	0 26	4 37	1 4	17 11	0 33	19 34	19 46	8 23	12 41	0 7	
S 4	16 11	18 57	3 42	5 21	1 51	9 28	1 31	2 12	2 20	13 23	0 20	15 17	0 12	20 37	0 26	4 37	1 4	17 11	0 34	19 34	19 45	8 20	12 42	0 7	
S 5	16 28	16 14	4 30	5 29	2 0	9 54	1 31	2 11	2 18	13 21	0 20	15 16	0 12	20 38	0 26	4 38	1 4	17 11	0 34	19 34	19 45	8 18	12 43	0 7	
M 6	16 45	12 32	5 2	5 39	2 8	10 20	1 30	2 10	2 15	13 19	0 21	15 16	0 12	20 38	0 26	4 39	1 4	17 11	0 34	19 35	19 44	8 16	12 44	0 7	
T 7	17 1	8 7	5 16	5 51	2 15	10 46	1 30	2 9	2 12	13 17	0 21	15 15	0 12	20 38	0 26	4 39	1 4	17 11	0 34	19 35	19 43	8 14	12 46	0 7	
W 8	17 17	3 15	5 11	6 4	2 22	11 12	1 29	2 7	2 10	13 15	0 21	15 15	0 12	20 38	0 26	4 40	1 4	17 11	0 34	19 34	19 43	8 11	12 47	0 6	
T 9	17 33	1n49	4 46	6 19	2 28	11 37	1 28	2 5	2 8	13 13	0 21	15 14	0 12	20 38	0 26	4 41	1 4	17 11	0 34	19 34	19 42	8 9	12 48	0 6	
F 10	17 49	6 46	4 4	6 36	2 34	12 2	1 28	2 3	2 5	13 11	0 21	15 14	0 12	20 38	0 26	4 42	1 5	17 11	0 34	19 34	19 41	8 7	12 49	0 6	
S 11	18 4	11 19	3 8	6 54	2 38	12 27	1 27	2 1	2 3	13 9	0 21	15 13	0 12	20 38	0 26	4 42	1 5	17 11	0 34	19 34	19 41	8 5	12 50	0 6	
S 12	18 19	15 12	2 1	7 13	2 42	12 51	1 26	1 58	2 0	13 7	0 22	15 13	0 13	20 38	0 26	4 43	1 5	17 11	0 34	19 34	19 40	8 2	12 51	0 6	
M13	18 34	18 11	0 48	7 34	2 46	13 15	1 25	1 55	1 58	13 5	0 22	15 12	0 13	20 38	0 27	4 44	1 5	17 11	0 34	19 34	19 39	8 0	12 52	0 6	
T 14	18 48	20 6	0s26	7 56	2 49	13 39	1 24	1 51	1 55	13 4	0 22	15 12	0 13	20 38	0 27	4 44	1 5	17 11	0 34	19 34	19 38	7 58	12 53	0 6	
W15	19 2	20 53	1 37	8 19	2 51	14 2	1 23	1 48	1 53	13 2	0 22	15 12	0 13	20 39	0 27	4 45	1 5	17 11	0 34	19 34	19 38	7 56	12 54	0 6	
T 16	19 15	20 31	2 42	8 43	2 53	14 26	1 22	1 44	1 51	13 0	0 22	15 11	0 13	20 39	0 27	4 46	1 5	17 11	0 34	19 34	19 37	7 53	12 55	0 6	
F 17	19 29	19 9	3 37	9 8	2 54	14 48	1 21	1 40	1 48	12 59	0 22	15 11	0 13	20 39	0 27	4 46	1 5	17 11	0 34	19 34	19 36	7 51	12 56	0 6	
S 18	19 42	16 54	4 21	9 34	2 55	15 11	1 20	1 36	1 46	12 57	0 23	15 11	0 13	20 39	0 27	4 47	1 5	17 11	0 34	19 34	19 36	7 49	12 57	0 6	
S 19	19 54	13 57	4 53	10 1	2 55	15 33	1 19	1 31	1 44	12 56	0 23	15 11	0 13	20 39	0 27	4 48	1 5	17 10	0 34	19 34	19 35	7 47	12 58	0 6	
M20	20 6	10 27	5 12	10 29	2 54	15 54	1 17	1 27	1 42	12 55	0 23	15 11	0 13	20 40	0 27	4 48	1 5	17 10	0 34	19 34	19 34	7 44	13 0	0 6	
T 21	20 18	6 35	5 17	10 58	2 53	16 16	1 16	1 22	1 39	12 53	0 23	15 11	0 13	20 40	0 27	4 49	1 5	17 10	0 34	19 34	19 34	7 42	13 1	0 6	
W22	20 30	2 27	5 9	11 27	2 51	16 36	1 14	1 16	1 37	12 52	0 23	15 10	0 14	20 40	0 27	4 50	1 5	17 10	0 34	19 34	19 33	7 40	13 2	0 5	
T 23	20 41	1s48	4 47	11 57	2 49	16 57	1 13	1 11	1 35	12 51	0 24	15 10	0 14	20 40	0 27	4 50	1 5	17 10	0 34	19 34	19 32	7 38	13 3	0 5	
F 24	20 52	6 3	4 12	12 27	2 46	17 17	1 12	1 5	1 33	12 50	0 24	15 10	0 14	20 40	0 27	4 51	1 5	17 10	0 35	19 34	19 31	7 35	13 4	0 5	
S 25	21 2	10 8	3 25	12 58	2 43	17 36	1 10	1 0	1 31	12 49	0 24	15 10	0 14	20 41	0 27	4 51	1 5	17 10	0 35	19 34	19 31	7 33	13 5	0 5	
S 26	21 12	13 52	2 27	13 29	2 39	17 55	1 8	0 54	1 29	12 48	0 24	15 10	0 14	20 41	0 27	4 52	1 5	17 9	0 35	19 34	19 30	7 31	13 6	0 5	
M27	21 22	17 3	1 20	14 1	2 35	18 14	1 7	0 47	1 27	12 47	0 24	15 11	0 14	20 41	0 27	4 53	1 5	17 9	0 35	19 34	19 29	7 29	13 7	0 5	
T 28	21 31	19 24	0 7	14 32	2 30	18 32	1 5	0 41	1 25	12 46	0 24	15 11	0 14	20 42	0 27	4 53	1 5	17 9	0 35	19 34	19 29	7 26	13 8	0 5	
W29	21 40	20 42	1n 8	15 5	2 25	18 50	1 3	0 34	1 23	12 45	0 25	15 11	0 14	20 42	0 27	4 54	1 5	17 9	0 35	19 34	19 28	7 24	13 8	0 5	
T 30	21 48	20 46	2 20	15 37	2 19	19 7	1 1	0 27	1 21	12 44	0 25	15 11	0 14	20 42	0 27	4 54	1 5	17 9	0 35	19 34	19 27	7 22	13 9	0 5	
F 31	21n56	19s32	3n25	16n 9	2s13	19n23	1s 0	0n20	1n19	12s43	0s25	15s11	0s15	20s42	0s27	4n55	1s 5	17n 9	0n35	19s34	19s26	7n20	13n10	0n 5	

Julian Day Number = 3061255.5, Delta T = 02h31m38s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'36, Lahiri = 47°15'36

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

JUNE 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 43 0	12♊20'11	22♑54	24♉31	3♊11	2♎25	27♒15	19°R 7	28°R31	15♈11	13♌38	28°R 6	27♏31	27♌47	5♉ 8	S 1
S 2	16 46 56	13°18'21	7♒18	26°19	4°24	2°39	27°18	19♒ 7	28♑30	15°12	13°39	28♏ 4	27°28	27°54	5°11	S 2
M 3	16 50 53	14°16'30	21°41	28° 8	5°38	2°54	27°20	19° 6	28°28	15°13	13°40	28° 3	27°25	28° 1	5°14	M 3
T 4	16 54 49	15°14'38	6♓ 0	29°59	6°52	3° 9	27°22	19° 5	28°27	15°15	13°41	28° 2	27°22	28° 8	5°16	T 4
W 5	16 58 46	16°12'44	20°12	1♊52	8° 6	3°25	27°23	19° 5	28°25	15°16	13°42	28°D 2	27°19	28°14	5°19	W 5
T 6	17 2 42	17°10'49	4♈15	3°47	9°20	3°41	27°25	19° 4	28°24	15°17	13°43	28° 2	27°15	28°21	5°22	T 6
F 7	17 6 39	18° 8'53	18° 7	5°44	10°34	3°57	27°26	19° 3	28°22	15°19	13°44	28° 3	27°12	28°28	5°25	F 7
S 8	17 10 36	19° 6'55	1♉47	7°43	11°48	4°14	27°27	19° 2	28°20	15°20	13°45	28° 5	27° 9	28°34	5°28	S 8
S 9	17 14 32	20° 4'57	15°15	9°44	13° 2	4°32	27°28	19° 1	28°19	15°21	13°46	28° 6	27° 6	28°41	5°31	S 9
M10	17 18 29	21° 2'57	28°31	11°46	14°16	4°49	27°29	18°59	28°17	15°22	13°47	28°R 6	27° 3	28°48	5°33	M10
T 11	17 22 25	22° 0'55	11♊34	13°50	15°30	5° 8	27°30	18°58	28°15	15°24	13°48	28° 6	26°59	28°55	5°36	T 11
W12	17 26 22	22°58'53	24°23	15°55	16°43	5°26	27°30	18°57	28°13	15°25	13°49	28° 4	26°56	29° 1	5°39	W12
T 13	17 30 18	23°56'48	7♋ 0	18° 2	17°57	5°45	27°30	18°55	28°11	15°26	13°50	28° 1	26°53	29° 8	5°41	T 13
F 14	17 34 15	24°54'43	19°24	20°11	19°11	6° 5	27°R30	18°53	28°10	15°27	13°51	27°57	26°50	29°15	5°44	F 14
S 15	17 38 12	25°52'36	1♌37	22°20	20°25	6°25	27°30	18°52	28° 8	15°28	13°52	27°52	26°47	29°22	5°47	S 15
S 16	17 42 8	26°50'27	13°40	24°31	21°39	6°45	27°30	18°50	28° 6	15°29	13°53	27°47	26°44	29°28	5°49	S 16
M17	17 46 5	27°48'17	25°36	26°42	22°53	7° 5	27°29	18°48	28° 4	15°30	13°54	27°43	26°40	29°35	5°52	M17
T 18	17 50 1	28°46'05	7♍29	28°54	24° 6	7°26	27°28	18°46	28° 2	15°31	13°55	27°40	26°37	29°42	5°54	T 18
W19	17 53 58	29°43'51	19°22	1♋ 6	25°20	7°48	27°28	18°44	28° 0	15°32	13°57	27°38	26°34	29°48	5°57	W19
T 20	17 57 54	0♋41'37	1♎20	3°18	26°34	8° 9	27°26	18°42	27°58	15°33	13°58	27°D37	26°31	29°55	5°59	T 20
F 21	18 1 51	1°39'20	13°27	5°30	27°48	8°31	27°25	18°40	27°56	15°34	13°59	27°38	26°28	0♍ 2	6° 1	F 21
S 22	18 5 47	2°37'02	25°49	7°41	29° 2	8°54	27°24	18°37	27°53	15°34	14° 0	27°39	26°25	0° 9	6° 4	S 22
S 23	18 9 44	3°34'43	8♏29	9°51	0♋16	9°16	27°22	18°35	27°51	15°35	14° 2	27°41	26°21	0°15	6° 6	S 23
M24	18 13 41	4°32'23	21°32	12° 0	1°29	9°39	27°20	18°32	27°49	15°36	14° 3	27°R42	26°18	0°22	6° 8	M24
T 25	18 17 37	5°30'01	5♐ 0	14° 8	2°43	10° 3	27°18	18°30	27°47	15°37	14° 4	27°42	26°15	0°29	6°10	T 25
W26	18 21 34	6°27'38	18°52	16°14	3°57	10°26	27°16	18°27	27°45	15°37	14° 5	27°40	26°12	0°35	6°12	W26
T 27	18 25 30	7°25'13	3♑ 8	18°19	5°11	10°50	27°13	18°24	27°43	15°38	14° 7	27°37	26° 9	0°42	6°15	T 27
F 28	18 29 27	8°22'48	17°43	20°22	6°25	11°14	27°11	18°22	27°40	15°39	14° 8	27°32	26° 5	0°49	6°17	F 28
S 29	18 33 23	9°20'22	2♒29	22°22	7°38	11°39	27° 8	18°19	27°38	15°39	14° 9	27°26	26° 2	0°56	6°19	S 29
S 30	18 37 20	10♋17'54	17♒19	24♋20	8♋52	12♎ 4	27♒ 5	18♒16	27♑36	15♈40	14♌11	27♏20	25♏59	1♍ 2	6♉21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	17s 3	4n18	16n41	2s 6	19n39	0s58	0n13	1n17	12s43	0s25	15s11	0s15	20s43	0s27	4n55	1s 5	17n 8	0n35	19s33	19s26	7n17	13n11	0n 5
S 2	22 11	13 31	4 55	17 14	1 59	19 55	0 56	0 6	1 15	12 42	0 25	15 12	0 15	20 43	0 27	4 56	1 5	17 8	0 35	19 33	19 25	7 15	13 12	0 5
M 3	22 18	9 11	5 14	17 45	1 51	20 10	0 54	0s 2	1 13	12 41	0 26	15 12	0 15	20 43	0 27	4 56	1 5	17 8	0 35	19 33	19 24	7 13	13 13	0 5
T 4	22 25	4 22	5 13	18 17	1 43	20 25	0 52	0 9	1 11	12 41	0 26	15 12	0 15	20 44	0 27	4 57	1 5	17 8	0 35	19 33	19 24	7 11	13 14	0 5
W 5	22 31	0n39	4 52	18 48	1 35	20 38	0 50	0 17	1 9	12 41	0 26	15 12	0 15	20 44	0 27	4 57	1 5	17 8	0 35	19 33	19 23	7 8	13 15	0 4
T 6	22 37	5 35	4 15	19 19	1 26	20 52	0 48	0 25	1 7	12 40	0 26	15 13	0 15	20 44	0 27	4 58	1 5	17 7	0 35	19 33	19 22	7 6	13 16	0 4
F 7	22 42	10 10	3 23	19 49	1 17	21 5	0 46	0 33	1 5	12 40	0 26	15 13	0 15	20 45	0 27	4 58	1 5	17 7	0 35	19 33	19 21	7 4	13 17	0 4
S 8	22 47	14 11	2 20	20 18	1 7	21 17	0 44	0 42	1 4	12 40	0 27	15 14	0 15	20 45	0 27	4 59	1 6	17 7	0 35	19 33	19 21	7 2	13 18	0 4
S 9	22 51	17 23	1 10	20 46	0 57	21 28	0 41	0 50	1 2	12 40	0 27	15 14	0 15	20 45	0 27	4 59	1 6	17 7	0 35	19 33	19 20	6 59	13 18	0 4
M10	22 55	19 37	0s 2	21 13	0 47	21 39	0 39	0 59	1 0	12 39	0 27	15 15	0 16	20 46	0 27	4 59	1 6	17 6	0 35	19 34	19 19	6 57	13 19	0 4
T 11	22 59	20 45	1 13	21 38	0 37	21 50	0 37	1 7	0 58	12 39	0 27	15 15	0 16	20 46	0 27	5 0	1 6	17 6	0 35	19 33	19 19	6 55	13 20	0 4
W12	23 2	20 47	2 19	22 3	0 27	21 59	0 35	1 16	0 57	12 40	0 27	15 16	0 16	20 47	0 27	5 0	1 6	17 6	0 35	19 33	19 18	6 53	13 21	0 4
T 13	23 5	19 45	3 17	22 25	0 16	22 8	0 33	1 25	0 55	12 40	0 27	15 16	0 16	20 47	0 27	5 1	1 6	17 6	0 36	19 32	19 17	6 50	13 22	0 4
F 14	23 8	17 48	4 5	22 46	0 6	22 17	0 30	1 34	0 53	12 40	0 28	15 17	0 16	20 47	0 27	5 1	1 6	17 5	0 36	19 31	19 16	6 48	13 22	0 4
S 15	23 10	15 4	4 40	23 5	0n 5	22 25	0 28	1 44	0 52	12 40	0 28	15 17	0 16	20 48	0 27	5 1	1 6	17 5	0 36	19 30	19 16	6 46	13 23	0 4
S 16	23 11	11 44	5 3	23 22	0 15	22 32	0 26	1 53	0 50	12 40	0 28	15 18	0 16	20 48	0 27	5 2	1 6	17 5	0 36	19 29	19 15	6 44	13 24	0 4
M17	23 12	7 58	5 12	23 37	0 26	22 39	0 23	2 3	0 49	12 41	0 28	15 19	0 16	20 49	0 27	5 2	1 6	17 5	0 36	19 28	19 14	6 41	13 25	0 4
T 18	23 13	3 55	5 8	23 49	0 36	22 44	0 21	2 12	0 47	12 41	0 28	15 19	0 16	20 49	0 27	5 2	1 6	17 4	0 36	19 28	19 13	6 39	13 26	0 4
W19	23 13	0s17	4 50	23 59	0 46	22 50	0 19	2 22	0 45	12 42	0 29	15 20	0 17	20 49	0 27	5 3	1 6	17 4	0 36	19 27	19 13	6 37	13 26	0 4
T 20	23 13	4 30	4 20	24 6	0 55	22 54	0 16	2 32	0 44	12 42	0 29	15 21	0 17	20 50	0 27	5 3	1 6	17 4	0 36	19 27	19 12	6 35	13 27	0 3
F 21	23 13	8 37	3 38	24 10	1 4	22 58	0 14	2 42	0 42	12 43	0 29	15 22	0 17	20 50	0 28	5 3	1 6	17 3	0 36	19 27	19 11	6 32	13 28	0 3
S 22	23 12	12 27	2 45	24 12	1 12	23 2	0 12	2 52	0 41	12 44	0 29	15 23	0 17	20 51	0 28	5 4	1 6	17 3	0 36	19 28	19 11	6 30	13 28	0 3
S 23	23 11	15 50	1 43	24 12	1 20	23 4	0 9	3 2	0 39	12 44	0 29	15 23	0 17	20 51	0 28	5 4	1 6	17 3	0 36	19 28	19 10	6 28	13 29	0 3
M24	23 9	18 31	0 34	24 8	1 28	23 6	0 7	3 13	0 38	12 45	0 30	15 24	0 17	20 52	0 28	5 4	1 6	17 2	0 36	19 28	19 9	6 26	13 30	0 3
T 25	23 7	20 17	0n40	24 3	1 34	23 7	0 4	3 23	0 36	12 46	0 30	15 25	0 17	20 52	0 28	5 4	1 6	17 2	0 36	19 28	19 8	6 23	13 30	0 3
W26	23 4	20 54	1 53	23 54	1 40	23 8	0 2	3 33	0 35	12 47	0 30	15 26	0 17	20 53	0 28	5 5	1 6	17 2	0 36	19 28	19 8	6 21	13 31	0 3
T 27	23 1	20 11	3 0	23 43	1 45	23 8	0n 0	3 44	0 34	12 48	0 30	15 27	0 17	20 53	0 28	5 5	1 6	17 1	0 36	19 27	19 7	6 19	13 32	0 3
F 28	22 58	18 8	3 58	23 30	1 50	23 7	0 3	3 55	0 32	12 49	0 30	15 28	0 17	20 53	0 28	5 5	1 6	17 1	0 36	19 26	19 6	6 17	13 32	0 3
S 29	22 54	14 52	4 40	23 15	1 54	23 5	0 5	4 5	0 31	12 50	0 31	15 29	0 18	20 54	0 28	5 5	1 6	17 1	0 36	19 25	19 5	6 14	13 33	0 3
S 30	22n50	10s40	5n 4	22n58	1n56	23n 3	0n 7	4s16	0n30	12s51	0s31	15s30	0s18	20s54	0s28	5n 5	1s 6	17n 0	0n36	19s23	19s 5	6n12	13n33	0n 3

Julian Day Number = 3061286.5, Delta T = 02h31m39s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'40, Lahiri = 47°15'41

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

JULY 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 41 16	11♋15'26	2♓ 5	26♋17	10♋ 6	12♎29	27°R 2	18°R13	27°R33	15♈41	14♌12	27°R14	25♏56	1♍ 9	6♉23	M 1
T 2	18 45 13	12°12'57	16°40	28°10	11°20	12°54	26♒59	18♒10	27♑31	15°41	14°13	27♏10	25°53	1°16	6°24	T 2
W 3	18 49 10	13°10'28	1♈ 0	0♌ 1	12°33	13°19	26°55	18° 7	27°29	15°42	14°15	27° 7	25°50	1°23	6°26	W 3
T 4	18 53 6	14° 7'58	15° 1	1°50	13°47	13°45	26°51	18° 3	27°26	15°42	14°16	27°D 7	25°46	1°29	6°28	T 4
F 5	18 57 3	15° 5'27	28°44	3°36	15° 1	14°11	26°47	18° 0	27°24	15°42	14°18	27° 7	25°43	1°36	6°30	F 5
S 6	19 0 59	16° 2'56	12♉ 8	5°20	16°15	14°38	26°43	17°57	27°22	15°43	14°19	27° 9	25°40	1°43	6°32	S 6
S 7	19 4 56	17° 0'24	25°17	7° 1	17°29	15° 4	26°39	17°53	27°19	15°43	14°20	27°R 9	25°37	1°49	6°33	S 7
M 8	19 8 52	17°57'52	8♊12	8°39	18°42	15°31	26°35	17°50	27°17	15°44	14°22	27° 9	25°34	1°56	6°35	M 8
T 9	19 12 49	18°55'20	20°54	10°15	19°56	15°58	26°30	17°46	27°14	15°44	14°23	27° 6	25°31	2° 3	6°36	T 9
W10	19 16 45	19°52'46	3♋25	11°48	21°10	16°25	26°26	17°43	27°12	15°44	14°25	27° 1	25°27	2°10	6°38	W10
T 11	19 20 42	20°50'12	15°47	13°19	22°24	16°53	26°21	17°39	27°10	15°44	14°26	26°54	25°24	2°16	6°39	T 11
F 12	19 24 39	21°47'38	28° 0	14°46	23°37	17°21	26°16	17°35	27° 7	15°44	14°28	26°45	25°21	2°23	6°41	F 12
S 13	19 28 35	22°45'02	10♌ 5	16°12	24°51	17°49	26°11	17°32	27° 5	15°45	14°29	26°34	25°18	2°30	6°42	S 13
S 14	19 32 32	23°42'26	22° 3	17°34	26° 5	18°17	26° 5	17°28	27° 2	15°45	14°31	26°24	25°15	2°37	6°43	S 14
M15	19 36 28	24°39'50	3♍57	18°53	27°19	18°46	26° 0	17°24	27° 0	15°45	14°32	26°14	25°11	2°43	6°45	M15
T 16	19 40 25	25°37'12	15°48	20°10	28°33	19°14	25°54	17°20	26°57	15°45	14°34	26° 6	25° 8	2°50	6°46	T 16
W17	19 44 21	26°34'34	27°40	21°24	29°46	19°43	25°49	17°16	26°55	15°R45	14°35	25°59	25° 5	2°57	6°47	W17
T 18	19 48 18	27°31'55	9♎36	22°35	1♌ 0	20°12	25°43	17°12	26°52	15°45	14°37	25°56	25° 2	3° 3	6°48	T 18
F 19	19 52 14	28°29'15	21°41	23°43	2°14	20°42	25°37	17° 8	26°50	15°45	14°38	25°54	24°59	3°10	6°49	F 19
S 20	19 56 11	29°26'35	3♏59	24°48	3°28	21°11	25°31	17° 4	26°48	15°45	14°40	25°D54	24°56	3°17	6°50	S 20
S 21	20 0 8	0♌23'54	16°37	25°50	4°42	21°41	25°25	17° 0	26°45	15°45	14°41	25°54	24°52	3°24	6°51	S 21
M22	20 4 4	1°21'13	29°37	26°48	5°55	22°11	25°18	16°55	26°43	15°45	14°43	25°R54	24°49	3°30	6°52	M22
T 23	20 8 1	2°18'31	13♐ 5	27°43	7° 9	22°41	25°12	16°51	26°40	15°44	14°44	25°53	24°46	3°37	6°53	T 23
W24	20 11 57	3°15'48	27° 1	28°35	8°23	23°11	25° 5	16°47	26°38	15°44	14°46	25°50	24°43	3°44	6°54	W24
T 25	20 15 54	4°13'05	11♑25	29°23	9°37	23°41	24°59	16°43	26°35	15°44	14°48	25°44	24°40	3°50	6°55	T 25
F 26	20 19 50	5°10'22	26°14	0♍ 8	10°50	24°12	24°52	16°39	26°33	15°44	14°49	25°36	24°37	3°57	6°55	F 26
S 27	20 23 47	6° 7'38	11♒18	0°49	12° 4	24°43	24°45	16°34	26°31	15°43	14°51	25°27	24°33	4° 4	6°56	S 27
S 28	20 27 44	7° 4'54	26°30	1°25	13°18	25°14	24°38	16°30	26°28	15°43	14°52	25°17	24°30	4°11	6°57	S 28
M29	20 31 40	8° 2'10	11♓37	1°58	14°32	25°45	24°31	16°26	26°26	15°43	14°54	25° 7	24°27	4°17	6°57	M29
T 30	20 35 37	8°59'26	26°31	2°27	15°45	26°16	24°24	16°21	26°23	15°42	14°55	25° 0	24°24	4°24	6°58	T 30
W31	20 39 33	9♌56'42	11♈ 4	2♍51	16♌59	26♎48	24♒17	16♒17	26♑21	15♈42	14♌57	24♏55	24♏21	4♍31	6♉58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n45	5s50	5n 8	22n39	1n59	23n 0	0n10	4s27	0n28	12s53	0s31	15s31	0s18	20s55	0s28	5n 5	1s 6	17n 0	0n36	19s22	19s 4	6n10	13n34	0n 3
T 2	22 40	0 44	4 51	22 18	2 0	22 57	0 12	4 38	0 27	12 54	0 31	15 32	0 18	20 55	0 28	5 6	1 7	17 0	0 36	19 21	19 3	6 8	13 34	0 3
W 3	22 35	4n19	4 17	21 55	2 0	22 53	0 15	4 49	0 26	12 55	0 31	15 33	0 18	20 56	0 28	5 6	1 7	16 59	0 37	19 20	19 2	6 5	13 35	0 3
T 4	22 29	9 3	3 27	21 31	2 0	22 48	0 17	5 0	0 24	12 57	0 32	15 34	0 18	20 56	0 28	5 6	1 7	16 59	0 37	19 20	19 2	6 3	13 36	0 2
F 5	22 23	13 13	2 27	21 6	1 59	22 42	0 19	5 12	0 23	12 58	0 32	15 35	0 18	20 57	0 28	5 6	1 7	16 59	0 37	19 20	19 1	6 1	13 36	0 2
S 6	22 16	16 37	1 20	20 40	1 57	22 36	0 22	5 23	0 22	13 0	0 32	15 36	0 18	20 57	0 28	5 6	1 7	16 58	0 37	19 21	19 0	5 59	13 37	0 2
S 7	22 9	19 5	0 10	20 12	1 55	22 29	0 24	5 34	0 20	13 1	0 32	15 37	0 18	20 58	0 28	5 6	1 7	16 58	0 37	19 21	18 59	5 56	13 37	0 2
M 8	22 2	20 30	0s59	19 44	1 51	22 22	0 26	5 46	0 19	13 3	0 32	15 39	0 18	20 58	0 28	5 6	1 7	16 58	0 37	19 21	18 59	5 54	13 37	0 2
T 9	21 54	20 51	2 4	19 14	1 47	22 14	0 28	5 57	0 18	13 5	0 33	15 40	0 19	20 59	0 28	5 6	1 7	16 57	0 37	19 20	18 58	5 52	13 38	0 2
W10	21 46	20 9	3 2	18 44	1 43	22 5	0 31	6 9	0 17	13 7	0 33	15 41	0 19	20 59	0 28	5 6	1 7	16 57	0 37	19 19	18 57	5 50	13 38	0 2
T 11	21 37	18 29	3 50	18 14	1 37	21 55	0 33	6 20	0 16	13 8	0 33	15 42	0 19	21 0	0 28	5 7	1 7	16 57	0 37	19 17	18 56	5 47	13 39	0 2
F 12	21 29	16 0	4 27	17 42	1 31	21 45	0 35	6 32	0 14	13 10	0 33	15 43	0 19	21 0	0 28	5 7	1 7	16 56	0 37	19 15	18 56	5 45	13 39	0 2
S 13	21 19	12 52	4 52	17 11	1 24	21 35	0 37	6 44	0 13	13 12	0 33	15 45	0 19	21 1	0 28	5 7	1 7	16 56	0 37	19 13	18 55	5 43	13 40	0 2
S 14	21 10	9 14	5 3	16 39	1 17	21 23	0 39	6 55	0 12	13 14	0 34	15 46	0 19	21 1	0 28	5 7	1 7	16 55	0 37	19 10	18 54	5 41	13 40	0 2
M15	21 0	5 17	5 2	16 7	1 9	21 11	0 42	7 7	0 11	13 16	0 34	15 47	0 19	21 2	0 28	5 7	1 7	16 55	0 37	19 8	18 53	5 38	13 40	0 2
T 16	20 50	1 8	4 47	15 35	1 0	20 59	0 44	7 19	0 10	13 18	0 34	15 48	0 19	21 2	0 28	5 7	1 7	16 55	0 37	19 6	18 53	5 36	13 41	0 2
W17	20 39	3s 3	4 20	15 3	0 51	20 46	0 46	7 31	0 9	13 20	0 34	15 50	0 19	21 2	0 28	5 7	1 7	16 54	0 37	19 5	18 52	5 34	13 41	0 1
T 18	20 28	7 9	3 41	14 31	0 41	20 32	0 48	7 43	0 7	13 22	0 34	15 51	0 19	21 3	0 28	5 6	1 7	16 54	0 37	19 4	18 51	5 32	13 41	0 1
F 19	20 17	11 2	2 52	13 59	0 31	20 17	0 50	7 55	0 6	13 24	0 34	15 52	0 20	21 3	0 28	5 6	1 7	16 54	0 37	19 3	18 50	5 29	13 41	0 1
S 20	20 5	14 32	1 54	13 28	0 20	20 3	0 52	8 7	0 5	13 27	0 35	15 54	0 20	21 4	0 28	5 6	1 7	16 53	0 37	19 3	18 50	5 27	13 42	0 1
S 21	19 53	17 26	0 49	12 56	0 9	19 47	0 54	8 19	0 4	13 29	0 35	15 55	0 20	21 4	0 28	5 6	1 7	16 53	0 38	19 4	18 49	5 25	13 42	0 1
M22	19 41	19 34	0n20	12 25	0s 3	19 31	0 55	8 31	0 3	13 31	0 35	15 56	0 20	21 5	0 28	5 6	1 7	16 52	0 38	19 4	18 48	5 23	13 42	0 1
T 23	19 28	20 40	1 30	11 55	0 15	19 15	0 57	8 43	0 2	13 34	0 35	15 58	0 20	21 5	0 28	5 6	1 7	16 52	0 38	19 3	18 47	5 20	13 42	0 1
W24	19 15	20 34	2 37	11 26	0 28	18 57	0 59	8 55	0 1	13 36	0 35	15 59	0 20	21 6	0 28	5 6	1 8	16 52	0 38	19 2	18 47	5 18	13 43	0 1
T 25	19 2	19 8	3 37	10 57	0 41	18 40	1 1	9 7	0 0	13 38	0 36	16 0	0 20	21 6	0 28	5 6	1 8	16 51	0 38	19 1	18 46	5 16	13 43	0 1
F 26	18 48	16 24	4 24	10 28	0 54	18 22	1 3	9 19	0s 1	13 41	0 36	16 2	0 20	21 7	0 28	5 6	1 8	16 51	0 38	18 59	18 45	5 14	13 43	0 1
S 27	18 34	12 32	4 53	10 1	1 8	18 3	1 4	9 31	0 2	13 43	0 36	16 3	0 20	21 7	0 28	5 6	1 8	16 50	0 38	18 57	18 44	5 11	13 43	0 1
S 28	18 20	7 50	5 2	9 35	1 22	17 44	1 6	9 43	0 3	13 46	0 36	16 4	0 20	21 8	0 28	5 5	1 8	16 50	0 38	18 55	18 44	5 9	13 43	0 1
M29	18 6	2 40	4 50	9 10	1 37	17 24	1 7	9 55	0 4	13 48	0 36	16 6	0 20	21 8	0 28	5 5	1 8	16 50	0 38	18 52	18 43	5 7	13 43	0 1
T 30	17 51	2n35	4 18	8 46	1 51	17 4	1 9	10 8	0 5	13 51	0 36	16 7	0 21	21 9	0 28	5 5	1 8	16 49	0 38	18 51	18 42	5 5	13 43	0 1
W31	17n36	7n34	3n30	8n24	2s 6	16n43	1n10	10s20	0s 6	13s53	0s36	16s 9	0s21	21s 9	0s28	5n 5	1s 8	16n49	0n38	18s49	18s41	5n 3	13n43	0n 0

Julian Day Number = 3061316.5, Delta T = 02h31m40s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'44, Lahiri = 47°15'45

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

AUGUST 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 43 30	10♌53'59	25♈13	3♍12	18♌13	27♎19	24°R 9	16°R12	26°R19	15°R42	14♌59	24°R52	24♏17	4♍37	6♉59	T 1
F 2	20 47 26	11°51'15	8♉57	3°27	19°27	27°51	24♒ 2	16♒ 8	26♊16	15♈41	15° 0	24°D52	24°14	4°44	6°59	F 2
S 3	20 51 23	12°48'32	22°17	3°38	20°41	28°23	23°54	16° 4	26°14	15°41	15° 2	24°R52	24°11	4°51	6°59	S 3
S 4	20 55 19	13°45'50	5♊17	3°45	21°54	28°55	23°47	15°59	26°12	15°40	15° 3	24♏51	24° 8	4°58	7° 0	S 4
M 5	20 59 16	14°43'08	17°59	3°R46	23° 8	29°28	23°39	15°55	26° 9	15°39	15° 5	24°50	24° 5	5° 4	7° 0	M 5
T 6	21 3 13	15°40'26	0♋28	3°43	24°22	0♏ 0	23°32	15°50	26° 7	15°39	15° 7	24°46	24° 2	5°11	7° 0	T 6
W 7	21 7 9	16°37'44	12°45	3°35	25°36	0°33	23°24	15°46	26° 5	15°38	15° 8	24°39	23°58	5°18	7° 0	W 7
T 8	21 11 6	17°35'03	24°55	3°23	26°49	1° 5	23°17	15°41	26° 3	15°38	15°10	24°29	23°55	5°25	7°R 0	T 8
F 9	21 15 2	18°32'22	6♌57	3° 6	28° 3	1°38	23° 9	15°37	26° 0	15°37	15°11	24°17	23°52	5°31	7° 0	F 9
S 10	21 18 59	19°29'41	18°55	2°44	29°17	2°11	23° 1	15°33	25°58	15°36	15°13	24° 3	23°49	5°38	7° 0	S 10
S 11	21 22 55	20°27'00	0♍49	2°18	0♍31	2°45	22°53	15°28	25°56	15°35	15°14	23°49	23°46	5°45	7° 0	S 11
M12	21 26 52	21°24'20	12°40	1°49	1°45	3°18	22°46	15°24	25°54	15°35	15°16	23°36	23°43	5°51	7° 0	M12
T 13	21 30 48	22°21'40	24°31	1°16	2°58	3°51	22°38	15°19	25°52	15°34	15°18	23°25	23°39	5°58	6°59	T 13
W14	21 34 45	23°19'00	6♎24	0°40	4°12	4°25	22°30	15°15	25°50	15°33	15°19	23°16	23°36	6° 5	6°59	W14
T 15	21 38 42	24°16'20	18°21	0° 1	5°26	4°59	22°22	15°11	25°48	15°32	15°21	23°10	23°33	6°12	6°59	T 15
F 16	21 42 38	25°13'41	0♏26	29♌21	6°40	5°33	22°15	15° 6	25°46	15°31	15°22	23° 6	23°30	6°18	6°58	F 16
S 17	21 46 35	26°11'01	12°43	28°39	7°53	6° 7	22° 7	15° 2	25°44	15°30	15°24	23° 5	23°27	6°25	6°58	S 17
S 18	21 50 31	27° 8'22	25°17	27°57	9° 7	6°41	21°59	14°58	25°42	15°29	15°26	23° 5	23°23	6°32	6°57	S 18
M19	21 54 28	28° 5'43	8♐13	27°15	10°21	7°16	21°51	14°53	25°40	15°28	15°27	23° 5	23°20	6°38	6°57	M19
T 20	21 58 24	29° 3'05	21°36	26°34	11°35	7°50	21°44	14°49	25°38	15°27	15°29	23° 3	23°17	6°45	6°56	T 20
W21	22 2 21	0♑ 0'26	5♑27	25°55	12°49	8°25	21°36	14°45	25°36	15°26	15°30	23° 0	23°14	6°52	6°56	W21
T 22	22 6 17	0°57'48	19°48	25°18	14° 2	8°59	21°29	14°41	25°34	15°25	15°32	22°54	23°11	6°59	6°55	T 22
F 23	22 10 14	1°55'11	4♒35	24°44	15°16	9°34	21°21	14°37	25°32	15°24	15°33	22°46	23° 8	7° 5	6°54	F 23
S 24	22 14 11	2°52'34	19°43	24°14	16°30	10° 9	21°14	14°32	25°30	15°23	15°35	22°36	23° 4	7°12	6°53	S 24
S 25	22 18 7	3°49'57	5♓ 2	23°49	17°43	10°44	21° 6	14°28	25°29	15°22	15°36	22°25	23° 1	7°19	6°53	S 25
M26	22 22 4	4°47'21	20°21	23°28	18°57	11°19	20°59	14°24	25°27	15°21	15°38	22°16	22°58	7°25	6°52	M26
T 27	22 26 0	5°44'46	5♈28	23°13	20°11	11°55	20°52	14°20	25°25	15°20	15°39	22° 8	22°55	7°32	6°51	T 27
W28	22 29 57	6°42'12	20°14	23° 3	21°25	12°30	20°44	14°16	25°24	15°19	15°41	22° 2	22°52	7°39	6°50	W28
T 29	22 33 53	7°39'39	4♉34	23°D 0	22°38	13° 6	20°37	14°13	25°22	15°17	15°42	21°59	22°49	7°46	6°49	T 29
F 30	22 37 50	8°37'07	18°26	23° 3	23°52	13°42	20°30	14° 9	25°21	15°16	15°44	21°D58	22°45	7°52	6°48	F 30
S 31	22 41 46	9♍34'36	1♊50	23♌13	25♍ 6	14♏17	20♒23	14♒ 5	25♊19	15♈15	15♌45	21♏58	22♏42	7♍59	6♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n20	12n 0	2n30	8n 3	2s21	16n22	1n12	10s32	0s 7	13s56	0s37	16s10	0s21	21s 9	0s28	5n 5	1s 8	16n48	0n38	18s49	18s40	5n 0	13n44	0n 0
F 2	17 5	15 40	1 23	7 43	2 36	16 1	1 13	10 44	0 8	13 58	0 37	16 11	0 21	21 10	0 28	5 4	1 8	16 48	0 38	18 49	18 40	4 58	13 44	0 0
S 3	16 49	18 24	0 14	7 26	2 51	15 39	1 14	10 56	0 9	14 1	0 37	16 13	0 21	21 10	0 28	5 4	1 8	16 48	0 38	18 49	18 39	4 56	13 44	0 0
S 4	16 33	20 5	0s55	7 10	3 5	15 17	1 16	11 9	0 10	14 3	0 37	16 14	0 21	21 11	0 28	5 4	1 8	16 47	0 38	18 49	18 38	4 54	13 44	0 0
M 5	16 16	20 43	1 59	6 56	3 20	14 54	1 17	11 21	0 11	14 6	0 37	16 16	0 21	21 11	0 28	5 4	1 8	16 47	0 38	18 48	18 37	4 51	13 44	0 0
T 6	16 0	20 17	2 56	6 44	3 34	14 31	1 18	11 33	0 12	14 9	0 37	16 17	0 21	21 12	0 28	5 3	1 8	16 46	0 39	18 47	18 37	4 49	13 44	0s 0
W 7	15 43	18 54	3 44	6 34	3 47	14 7	1 19	11 45	0 12	14 11	0 38	16 18	0 21	21 12	0 28	5 3	1 8	16 46	0 39	18 46	18 36	4 47	13 44	0 0
T 8	15 25	16 40	4 21	6 26	4 0	13 43	1 20	11 57	0 13	14 14	0 38	16 20	0 21	21 12	0 28	5 3	1 8	16 46	0 39	18 43	18 35	4 45	13 43	0 0
F 9	15 8	13 45	4 46	6 21	4 13	13 19	1 21	12 10	0 14	14 17	0 38	16 21	0 21	21 13	0 28	5 3	1 8	16 45	0 39	18 40	18 34	4 42	13 43	0 0
S 10	14 50	10 17	4 58	6 18	4 24	12 54	1 22	12 22	0 15	14 19	0 38	16 22	0 22	21 13	0 28	5 2	1 8	16 45	0 39	18 37	18 33	4 40	13 43	0 0
S 11	14 32	6 26	4 57	6 17	4 34	12 29	1 23	12 34	0 16	14 22	0 38	16 24	0 22	21 14	0 28	5 2	1 8	16 44	0 39	18 34	18 33	4 38	13 43	0 0
M12	14 14	2 22	4 43	6 19	4 44	12 4	1 24	12 46	0 17	14 24	0 38	16 25	0 22	21 14	0 28	5 2	1 8	16 44	0 39	18 30	18 32	4 36	13 43	0 0
T 13	13 56	1s47	4 17	6 23	4 52	11 38	1 24	12 58	0 18	14 27	0 38	16 27	0 22	21 14	0 28	5 1	1 8	16 43	0 39	18 27	18 31	4 33	13 43	0 1
W14	13 37	5 53	3 40	6 29	4 58	11 12	1 25	13 10	0 18	14 30	0 38	16 28	0 22	21 15	0 28	5 1	1 8	16 43	0 39	18 25	18 30	4 31	13 43	0 1
T 15	13 19	9 47	2 52	6 37	5 3	10 46	1 26	13 22	0 19	14 32	0 39	16 29	0 22	21 15	0 28	5 0	1 8	16 43	0 39	18 24	18 30	4 29	13 43	0 1
F 16	13 0	13 21	1 57	6 48	5 7	10 19	1 26	13 34	0 20	14 35	0 39	16 31	0 22	21 16	0 28	5 0	1 8	16 42	0 39	18 23	18 29	4 27	13 42	0 1
S 17	12 41	16 23	0 55	7 0	5 8	9 53	1 27	13 46	0 21	14 38	0 39	16 32	0 22	21 16	0 28	5 0	1 9	16 42	0 39	18 23	18 28	4 24	13 42	0 1
S 18	12 21	18 43	0n12	7 15	5 8	9 26	1 27	13 58	0 22	14 40	0 39	16 33	0 22	21 16	0 28	4 59	1 9	16 42	0 39	18 23	18 27	4 22	13 42	0 1
M19	12 2	20 11	1 19	7 31	5 6	8 58	1 28	14 10	0 23	14 43	0 39	16 35	0 22	21 17	0 28	4 59	1 9	16 41	0 39	18 23	18 26	4 20	13 42	0 1
T 20	11 42	20 33	2 25	7 48	5 3	8 31	1 28	14 22	0 23	14 45	0 39	16 36	0 22	21 17	0 28	4 59	1 9	16 41	0 39	18 22	18 26	4 18	13 41	0 1
W21	11 22	19 43	3 24	8 6	4 57	8 3	1 28	14 34	0 24	14 48	0 39	16 37	0 22	21 17	0 28	4 58	1 9	16 40	0 39	18 21	18 25	4 15	13 41	0 1
T 22	11 2	17 37	4 13	8 24	4 50	7 35	1 28	14 46	0 25	14 50	0 39	16 38	0 22	21 18	0 28	4 58	1 9	16 40	0 40	18 20	18 24	4 13	13 41	0 1
F 23	10 42	14 18	4 46	8 43	4 42	7 7	1 28	14 57	0 26	14 53	0 39	16 40	0 23	21 18	0 28	4 57	1 9	16 40	0 40	18 18	18 23	4 11	13 41	0 1
S 24	10 21	10 0	5 0	9 3	4 32	6 38	1 28	15 9	0 26	14 55	0 39	16 41	0 23	21 18	0 28	4 57	1 9	16 39	0 40	18 15	18 22	4 9	13 40	0 1
S 25	10 1	5 1	4 54	9 22	4 20	6 10	1 28	15 21	0 27	14 58	0 40	16 42	0 23	21 19	0 28	4 56	1 9	16 39	0 40	18 13	18 22	4 6	13 40	0 2
M26	9 40	0n18	4 26	9 40	4 7	5 41	1 28	15 32	0 28	15 0	0 40	16 43	0 23	21 19	0 28	4 56	1 9	16 38	0 40	18 10	18 21	4 4	13 39	0 2
T 27	9 19	5 31	3 40	9 58	3 54	5 12	1 28	15 44	0 29	15 2	0 40	16 45	0 23	21 19	0 28	4 55	1 9	16 38	0 40	18 8	18 20	4 2	13 39	0 2
W28	8 58	10 18	2 40	10 15	3 39	4 43	1 28	15 55	0 29	15 5	0 40	16 46	0 23	21 19	0 28	4 55	1 9	16 38	0 40	18 7	18 19	4 0	13 39	0 2
T 29	8 37	14 21	1 31	10 31	3 23	4 14	1 27	16 7	0 30	15 7	0 40	16 47	0 23	21 20	0 28	4 54	1 9	16 37	0 40	18 6	18 18	3 57	13 38	0 2
F 30	8 16	17 28	0 19	10 45	3 7	3 45	1 27	16 18	0 31	15 9	0 40	16 48	0 23	21 20	0 28	4 54	1 9	16 37	0 40	18 6	18 18	3 55	13 38	0 2
S 31	7n55	19n29	0s52	10n58	2s51	3n15	1n26	16s29	0s32	15s12	0s40	16s49	0s23	21s20	0s28	4n53	1s 9	16n37	0n40	18s 6	18s17	3n53	13n37	0s 2

Julian Day Number = 3061347.5, Delta T = 02h31m41s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'49, Lahiri = 47°15'49

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

SEPTEMBER 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 45 43	10♍32'06	14♊50	23♌29	26♍19	14♏53	20°R16	14°R 1	25°R17	15°R14	15♌47	21°R58	22♏39	8♍ 6	6°R45	S 1
M 2	22 49 39	11°29'38	27°29	23°52	27°33	15°29	20♒10	13♒57	25♑16	15♈12	15°48	21♏57	22°36	8°12	6♉44	M 2
T 3	22 53 36	12°27'10	9♋51	24°21	28°47	16° 6	20° 3	13°54	25°15	15°11	15°50	21°54	22°33	8°19	6°43	T 3
W 4	22 57 33	13°24'44	22° 2	24°58	0♎ 1	16°42	19°56	13°50	25°13	15°10	15°51	21°48	22°29	8°26	6°41	W 4
T 5	23 1 29	14°22'19	4♌ 3	25°41	1°14	17°18	19°50	13°47	25°12	15° 8	15°53	21°40	22°26	8°33	6°40	T 5
F 6	23 5 26	15°19'55	16° 0	26°30	2°28	17°55	19°44	13°43	25°11	15° 7	15°54	21°30	22°23	8°39	6°39	F 6
S 7	23 9 22	16°17'33	27°52	27°27	3°42	18°32	19°37	13°40	25° 9	15° 6	15°55	21°18	22°20	8°46	6°37	S 7
S 8	23 13 19	17°15'11	9♍44	28°29	4°55	19° 8	19°31	13°37	25° 8	15° 4	15°57	21° 6	22°17	8°53	6°36	S 8
M 9	23 17 15	18°12'51	21°36	29°37	6° 9	19°45	19°25	13°33	25° 7	15° 3	15°58	20°54	22°14	9° 0	6°34	M 9
T 10	23 21 12	19°10'31	3♎30	0♍52	7°23	20°22	19°19	13°30	25° 6	15° 1	16° 0	20°44	22°10	9° 6	6°32	T 10
W11	23 25 8	20° 8'13	15°27	2°12	8°36	20°59	19°14	13°27	25° 5	15° 0	16° 1	20°36	22° 7	9°13	6°31	W11
T 12	23 29 5	21° 5'56	27°29	3°37	9°50	21°36	19° 8	13°24	25° 4	14°58	16° 2	20°31	22° 4	9°20	6°29	T 12
F 13	23 33 2	22° 3'40	9♏40	5° 7	11° 4	22°14	19° 3	13°21	25° 3	14°57	16° 4	20°29	22° 1	9°26	6°27	F 13
S 14	23 36 58	23° 1'25	22° 2	6°42	12°17	22°51	18°57	13°18	25° 2	14°55	16° 5	20°D28	21°58	9°33	6°26	S 14
S 15	23 40 55	23°59'10	4♐39	8°21	13°31	23°29	18°52	13°15	25° 1	14°54	16° 6	20°29	21°54	9°40	6°24	S 15
M16	23 44 51	24°56'57	17°34	10° 4	14°44	24° 6	18°47	13°13	25° 0	14°52	16° 8	20°30	21°51	9°47	6°22	M16
T 17	23 48 48	25°54'45	0♑52	11°50	15°58	24°44	18°43	13°10	24°59	14°51	16° 9	20°R30	21°48	9°53	6°20	T 17
W18	23 52 44	26°52'34	14°36	13°39	17°12	25°22	18°38	13° 7	24°59	14°49	16°10	20°28	21°45	10° 0	6°18	W18
T 19	23 56 41	27°50'24	28°46	15°31	18°25	26° 0	18°34	13° 5	24°58	14°48	16°11	20°25	21°42	10° 7	6°16	T 19
F 20	0 0 37	28°48'16	13♒21	17°24	19°39	26°38	18°29	13° 2	24°57	14°46	16°13	20°20	21°39	10°13	6°14	F 20
S 21	0 4 34	29°46'08	28°18	19°19	20°52	27°16	18°25	13° 0	24°57	14°45	16°14	20°13	21°35	10°20	6°12	S 21
S 22	0 8 31	0♎44'01	13♓28	21°16	22° 6	27°54	18°21	12°58	24°56	14°43	16°15	20° 5	21°32	10°27	6°10	S 22
M23	0 12 27	1°41'56	28°42	23°13	23°19	28°33	18°17	12°56	24°56	14°42	16°16	19°58	21°29	10°34	6° 8	M23
T 24	0 16 24	2°39'52	13♈48	25°11	24°33	29°11	18°14	12°54	24°55	14°40	16°17	19°53	21°26	10°40	6° 6	T 24
W25	0 20 20	3°37'49	28°38	27° 9	25°46	29°50	18°10	12°51	24°55	14°38	16°19	19°49	21°23	10°47	6° 3	W25
T 26	0 24 17	4°35'49	13♉ 5	29° 7	27° 0	0♐28	18° 7	12°50	24°54	14°37	16°20	19°D47	21°20	10°54	6° 1	T 26
F 27	0 28 13	5°33'50	27° 4	1♎ 5	28°13	1° 7	18° 4	12°48	24°54	14°35	16°21	19°47	21°16	11° 0	5°59	F 27
S 28	0 32 10	6°31'53	10♊35	3° 3	29°27	1°46	18° 1	12°46	24°54	14°33	16°22	19°48	21°13	11° 7	5°57	S 28
S 29	0 36 6	7°29'57	23°40	4°59	0♏40	2°25	17°58	12°44	24°54	14°32	16°23	19°50	21°10	11°14	5°54	S 29
M30	0 40 3	8♎28'04	6♋22	6♎56	1♏54	3♐ 4	17♒56	12♒43	24♑54	14♈30	16♌24	19°R50	21♏ 7	11♍21	5♉52	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n33	20n25	1s58	11n 9	2s34	2n46	1n26	16s40	0s32	15s14	0s40	16s51	0s23	21s21	0s28	4n53	1s 9	16n36	0n40	18s 6	18s16	3n51	13n37	0s 2
M 2	7 11	20 15	2 57	11 18	2 17	2 16	1 25	16 51	0 33	15 16	0 40	16 52	0 23	21 21	0 28	4 52	1 9	16 36	0 40	18 5	18 15	3 49	13 36	0 2
T 3	6 50	19 7	3 45	11 24	2 0	1 47	1 25	17 3	0 34	15 18	0 40	16 53	0 23	21 21	0 28	4 52	1 9	16 35	0 40	18 5	18 14	3 46	13 36	0 2
W 4	6 28	17 7	4 23	11 28	1 43	1 17	1 24	17 14	0 34	15 20	0 40	16 54	0 23	21 21	0 28	4 51	1 9	16 35	0 40	18 3	18 14	3 44	13 35	0 2
T 5	6 6	14 23	4 48	11 30	1 26	0 47	1 23	17 24	0 35	15 22	0 40	16 55	0 23	21 22	0 28	4 51	1 9	16 35	0 40	18 1	18 13	3 42	13 35	0 2
F 6	5 44	11 6	5 1	11 29	1 9	0 17	1 22	17 35	0 36	15 24	0 40	16 56	0 23	21 22	0 28	4 50	1 9	16 34	0 41	17 58	18 12	3 40	13 34	0 2
S 7	5 22	7 24	5 0	11 25	0 53	0s13	1 21	17 46	0 36	15 26	0 40	16 57	0 24	21 22	0 28	4 50	1 9	16 34	0 41	17 55	18 11	3 37	13 34	0 3
S 8	4 59	3 25	4 47	11 19	0 37	0 42	1 20	17 57	0 37	15 28	0 41	16 58	0 24	21 22	0 28	4 49	1 9	16 34	0 41	17 52	18 10	3 35	13 33	0 3
M 9	4 37	0s42	4 21	11 10	0 22	1 12	1 19	18 7	0 38	15 30	0 41	16 59	0 24	21 22	0 28	4 49	1 9	16 33	0 41	17 49	18 10	3 33	13 33	0 3
T 10	4 15	4 48	3 43	10 58	0 7	1 42	1 18	18 18	0 38	15 32	0 41	17 0	0 24	21 23	0 28	4 48	1 9	16 33	0 41	17 47	18 9	3 31	13 32	0 3
W11	3 52	8 44	2 56	10 42	0n 7	2 12	1 17	18 28	0 39	15 34	0 41	17 1	0 24	21 23	0 28	4 47	1 9	16 33	0 41	17 45	18 8	3 28	13 31	0 3
T 12	3 30	12 21	2 0	10 24	0 20	2 42	1 16	18 38	0 40	15 36	0 41	17 2	0 24	21 23	0 28	4 47	1 9	16 32	0 41	17 43	18 7	3 26	13 31	0 3
F 13	3 7	15 29	0 58	10 3	0 32	3 12	1 14	18 49	0 40	15 37	0 41	17 3	0 24	21 23	0 28	4 46	1 9	16 32	0 41	17 43	18 6	3 24	13 30	0 3
S 14	2 45	17 59	0n 8	9 39	0 44	3 42	1 13	18 59	0 41	15 39	0 41	17 4	0 24	21 23	0 28	4 46	1 9	16 32	0 41	17 42	18 6	3 22	13 30	0 3
S 15	2 22	19 38	1 15	9 12	0 54	4 11	1 12	19 9	0 41	15 41	0 41	17 4	0 24	21 23	0 28	4 45	1 9	16 31	0 41	17 43	18 5	3 20	13 29	0 3
M16	1 59	20 19	2 20	8 43	1 4	4 41	1 10	19 19	0 42	15 42	0 41	17 5	0 24	21 24	0 28	4 44	1 9	16 31	0 41	17 43	18 4	3 17	13 28	0 3
T 17	1 37	19 54	3 19	8 11	1 12	5 10	1 8	19 28	0 43	15 44	0 41	17 6	0 24	21 24	0 28	4 44	1 9	16 31	0 41	17 43	18 3	3 15	13 27	0 3
W18	1 14	18 18	4 9	7 36	1 20	5 40	1 7	19 38	0 43	15 45	0 41	17 7	0 24	21 24	0 28	4 43	1 9	16 30	0 41	17 42	18 2	3 13	13 27	0 3
T 19	0 51	15 34	4 45	6 59	1 26	6 9	1 5	19 47	0 44	15 47	0 41	17 8	0 24	21 24	0 28	4 43	1 9	16 30	0 41	17 41	18 2	3 11	13 26	0 4
F 20	0 28	11 47	5 5	6 21	1 32	6 38	1 3	19 57	0 44	15 48	0 41	17 8	0 24	21 24	0 28	4 42	1 9	16 30	0 42	17 40	18 1	3 8	13 25	0 4
S 21	0 5	7 12	5 4	5 40	1 37	7 7	1 2	20 6	0 45	15 49	0 41	17 9	0 24	21 24	0 28	4 41	1 10	16 29	0 42	17 38	18 0	3 6	13 25	0 4
S 22	0s17	2 6	4 42	4 58	1 40	7 36	1 0	20 15	0 46	15 50	0 41	17 10	0 24	21 24	0 28	4 41	1 10	16 29	0 42	17 36	17 59	3 4	13 24	0 4
M23	0 40	3n10	4 0	4 15	1 43	8 5	0 58	20 24	0 46	15 52	0 41	17 10	0 24	21 24	0 28	4 40	1 10	16 29	0 42	17 34	17 58	3 2	13 23	0 4
T 24	1 3	8 11	3 2	3 30	1 45	8 34	0 56	20 33	0 47	15 53	0 41	17 11	0 24	21 24	0 28	4 40	1 10	16 29	0 42	17 33	17 57	3 0	13 22	0 4
W25	1 26	12 38	1 52	2 45	1 46	9 2	0 54	20 42	0 47	15 54	0 41	17 12	0 24	21 24	0 28	4 39	1 10	16 28	0 42	17 32	17 57	2 57	13 21	0 4
T 26	1 49	16 12	0 36	1 58	1 46	9 30	0 52	20 51	0 48	15 55	0 41	17 12	0 25	21 24	0 28	4 38	1 10	16 28	0 42	17 31	17 56	2 55	13 21	0 4
F 27	2 11	18 41	0s39	1 12	1 46	9 58	0 50	20 59	0 48	15 56	0 41	17 13	0 25	21 24	0 28	4 38	1 10	16 28	0 42	17 31	17 55	2 53	13 20	0 4
S 28	2 34	20 1	1 50	0 24	1 45	10 26	0 47	21 8	0 49	15 57	0 41	17 13	0 25	21 24	0 28	4 37	1 10	16 28	0 42	17 32	17 54	2 51	13 19	0 4
S 29	2 57	20 11	2 53	0s23	1 43	10 54	0 45	21 16	0 49	15 57	0 41	17 14	0 25	21 24	0 27	4 36	1 10	16 27	0 42	17 32	17 53	2 48	13 18	0 4
M30	3s20	19n19	3s46	1s11	1n40	11s21	0n43	21s24	0s50	15s58	0s41	17s14	0s25	21s25	0s27	4n36	1s10	16n27	0n42	17s32	17s52	2n46	13n17	0s 4

Julian Day Number = 3061378.5, Delta T = 02h31m42s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'53, Lahiri = 47°15'54

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

OCTOBER 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 43 59	9♎26'12	18♋46	8♎51	3♏ 7	3♐43	17°R53	12°R41	24°R53	14°R29	16♌25	19°R50	21♏ 4	11♍27	5°R50	T 1
W 2	0 47 56	10°24'23	0♌55	10°45	4°21	4°22	17♒51	12♒40	24♑53	14♈27	16°26	19♏48	21° 0	11°34	5♉47	W 2
T 3	0 51 53	11°22'35	12°54	12°39	5°34	5° 2	17°49	12°39	24°D53	14°25	16°27	19°44	20°57	11°41	5°45	T 3
F 4	0 55 49	12°20'49	24°48	14°31	6°47	5°41	17°47	12°38	24°53	14°24	16°28	19°39	20°54	11°47	5°42	F 4
S 5	0 59 46	13°19'05	6♍39	16°23	8° 1	6°20	17°46	12°36	24°54	14°22	16°29	19°32	20°51	11°54	5°40	S 5
S 6	1 3 42	14°17'22	18°31	18°13	9°14	7° 0	17°44	12°35	24°54	14°20	16°30	19°26	20°48	12° 1	5°37	S 6
M 7	1 7 39	15°15'41	0♎26	20° 2	10°28	7°40	17°43	12°35	24°54	14°19	16°31	19°20	20°45	12° 8	5°35	M 7
T 8	1 11 35	16°14'03	12°26	21°50	11°41	8°20	17°42	12°34	24°54	14°17	16°32	19°14	20°41	12°14	5°32	T 8
W 9	1 15 32	17°12'25	24°32	23°37	12°54	8°59	17°41	12°33	24°54	14°15	16°33	19°10	20°38	12°21	5°30	W 9
T 10	1 19 28	18°10'50	6♏46	25°23	14° 8	9°39	17°41	12°32	24°55	14°14	16°34	19° 8	20°35	12°28	5°27	T 10
F 11	1 23 25	19° 9'17	19° 9	27° 8	15°21	10°20	17°40	12°32	24°55	14°12	16°35	19°D 7	20°32	12°34	5°25	F 11
S 12	1 27 21	20° 7'45	1♐44	28°52	16°34	11° 0	17°40	12°32	24°56	14°10	16°35	19° 8	20°29	12°41	5°22	S 12
S 13	1 31 18	21° 6'14	14°32	0♏34	17°48	11°40	17°D40	12°31	24°56	14° 9	16°36	19° 9	20°26	12°48	5°19	S 13
M14	1 35 15	22° 4'45	27°35	2°16	19° 1	12°20	17°40	12°31	24°57	14° 7	16°37	19°11	20°22	12°54	5°17	M14
T 15	1 39 11	23° 3'18	10♑56	3°56	20°14	13° 1	17°40	12°31	24°57	14° 5	16°38	19°12	20°19	13° 1	5°14	T 15
W16	1 43 8	24° 1'53	24°37	5°36	21°27	13°41	17°41	12°D31	24°58	14° 4	16°39	19°R13	20°16	13° 8	5°11	W16
T 17	1 47 4	25° 0'28	8♒37	7°15	22°41	14°22	17°42	12°31	24°59	14° 2	16°39	19°12	20°13	13°15	5° 9	T 17
F 18	1 51 1	25°59'06	22°57	8°52	23°54	15° 3	17°43	12°31	25° 0	14° 1	16°40	19°10	20°10	13°21	5° 6	F 18
S 19	1 54 57	26°57'44	7♓34	10°29	25° 7	15°43	17°44	12°31	25° 0	13°59	16°41	19° 8	20° 6	13°28	5° 3	S 19
S 20	1 58 54	27°56'25	22°22	12° 4	26°20	16°24	17°45	12°32	25° 1	13°57	16°41	19° 5	20° 3	13°35	5° 1	S 20
M21	2 2 50	28°55'07	7♈16	13°39	27°33	17° 5	17°46	12°32	25° 2	13°56	16°42	19° 2	20° 0	13°41	4°58	M21
T 22	2 6 47	29°53'51	22° 6	15°13	28°46	17°46	17°48	12°33	25° 3	13°54	16°43	19° 0	19°57	13°48	4°55	T 22
W23	2 10 44	0♏52'37	6♉45	16°46	29°59	18°27	17°50	12°34	25° 4	13°53	16°43	18°59	19°54	13°55	4°52	W23
T 24	2 14 40	1°51'24	21° 7	18°18	1♐13	19° 9	17°52	12°34	25° 5	13°51	16°44	18°D59	19°51	14° 2	4°50	T 24
F 25	2 18 37	2°50'14	5♊ 6	19°49	2°26	19°50	17°54	12°35	25° 6	13°50	16°44	18°59	19°47	14° 8	4°47	F 25
S 26	2 22 33	3°49'06	18°41	21°19	3°39	20°31	17°57	12°36	25° 8	13°48	16°45	19° 0	19°44	14°15	4°44	S 26
S 27	2 26 30	4°48'00	1♋51	22°49	4°52	21°13	17°59	12°37	25° 9	13°47	16°45	19° 2	19°41	14°22	4°41	S 27
M28	2 30 26	5°46'56	14°38	24°17	6° 5	21°54	18° 2	12°38	25°10	13°45	16°46	19° 3	19°38	14°28	4°39	M28
T 29	2 34 23	6°45'55	27° 5	25°44	7°18	22°36	18° 5	12°40	25°11	13°44	16°46	19° 3	19°35	14°35	4°36	T 29
W30	2 38 19	7°44'55	9♌17	27°11	8°31	23°18	18° 8	12°41	25°13	13°42	16°47	19°R 4	19°31	14°42	4°33	W30
T 31	2 42 16	8♏43'58	21♌17	28♏37	9♐44	23♐59	18♒12	12♒43	25♑14	13♈41	16♌47	19♏ 3	19♏28	14♍49	4♉30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s42	17n32	4 s26	1 s59	1n38	11 s48	0n41	21 s32	0 s50	15 s59	0 s41	17 s15	0 s25	21 s25	0 s27	4n35	1 s10	16n27	0n42	17 s32	17 s52	2n44	13n16	0 s 4
W 2	4 5	14 59	4 54	2 46	1 34	12 15	0 38	21 40	0 51	16 0	0 41	17 15	0 25	21 25	0 27	4 34	1 10	16 27	0 42	17 32	17 51	2 42	13 16	0 5
T 3	4 28	11 51	5 8	3 34	1 30	12 42	0 36	21 47	0 51	16 0	0 41	17 15	0 25	21 24	0 27	4 34	1 10	16 26	0 43	17 31	17 50	2 40	13 15	0 5
F 4	4 50	8 16	5 9	4 21	1 26	13 8	0 33	21 55	0 52	16 1	0 41	17 16	0 25	21 24	0 27	4 33	1 10	16 26	0 43	17 29	17 49	2 37	13 14	0 5
S 5	5 13	4 23	4 57	5 8	1 21	13 34	0 31	22 2	0 52	16 1	0 41	17 16	0 25	21 24	0 27	4 32	1 10	16 26	0 43	17 28	17 48	2 35	13 13	0 5
S 6	5 35	0 20	4 32	5 54	1 16	14 0	0 28	22 9	0 53	16 2	0 41	17 17	0 25	21 24	0 27	4 32	1 10	16 26	0 43	17 26	17 47	2 33	13 12	0 5
M 7	5 57	3 s46	3 55	6 40	1 11	14 25	0 26	22 16	0 53	16 2	0 41	17 17	0 25	21 24	0 27	4 31	1 10	16 26	0 43	17 24	17 47	2 31	13 11	0 5
T 8	6 20	7 44	3 7	7 26	1 5	14 50	0 23	22 23	0 54	16 2	0 41	17 17	0 25	21 24	0 27	4 31	1 10	16 25	0 43	17 23	17 46	2 28	13 10	0 5
W 9	6 42	11 27	2 10	8 10	0 59	15 15	0 21	22 30	0 54	16 3	0 41	17 17	0 25	21 24	0 27	4 30	1 10	16 25	0 43	17 22	17 45	2 26	13 9	0 5
T 10	7 4	14 43	1 7	8 54	0 53	15 39	0 18	22 36	0 55	16 3	0 41	17 18	0 25	21 24	0 27	4 29	1 10	16 25	0 43	17 21	17 44	2 24	13 8	0 5
F 11	7 26	17 21	0n 0	9 38	0 47	16 3	0 15	22 42	0 55	16 3	0 41	17 18	0 25	21 24	0 27	4 29	1 10	16 25	0 43	17 21	17 43	2 22	13 7	0 5
S 12	7 48	19 12	1 9	10 21	0 40	16 26	0 12	22 48	0 56	16 3	0 41	17 18	0 25	21 24	0 27	4 28	1 10	16 25	0 43	17 21	17 42	2 20	13 6	0 5
S 13	8 10	20 6	2 15	11 3	0 33	16 50	0 10	22 54	0 56	16 3	0 41	17 18	0 25	21 24	0 27	4 27	1 10	16 24	0 43	17 21	17 42	2 17	13 6	0 5
M14	8 31	19 56	3 16	11 44	0 27	17 12	0 7	23 0	0 56	16 3	0 41	17 18	0 25	21 24	0 27	4 27	1 10	16 24	0 43	17 22	17 41	2 15	13 5	0 6
T 15	8 53	18 40	4 7	12 25	0 20	17 35	0 4	23 6	0 57	16 3	0 41	17 18	0 25	21 24	0 27	4 26	1 10	16 24	0 43	17 22	17 40	2 13	13 4	0 6
W16	9 14	16 19	4 46	13 4	0 12	17 57	0 1	23 11	0 57	16 3	0 41	17 18	0 25	21 23	0 27	4 26	1 10	16 24	0 44	17 22	17 39	2 11	13 3	0 6
T 17	9 36	12 58	5 9	13 43	0 5	18 18	0 s 2	23 16	0 58	16 2	0 41	17 18	0 25	21 23	0 27	4 25	1 10	16 24	0 44	17 22	17 38	2 9	13 2	0 6
F 18	9 57	8 47	5 14	14 21	0 s 2	18 39	0 4	23 21	0 58	16 2	0 41	17 18	0 25	21 23	0 27	4 24	1 10	16 24	0 44	17 22	17 37	2 6	13 1	0 6
S 19	10 18	4 2	4 59	14 59	0 9	18 59	0 7	23 26	0 59	16 2	0 41	17 18	0 25	21 23	0 27	4 24	1 10	16 24	0 44	17 21	17 37	2 4	13 0	0 6
S 20	10 39	1n 2	4 23	15 35	0 16	19 19	0 10	23 31	0 59	16 1	0 41	17 18	0 26	21 23	0 27	4 23	1 10	16 23	0 44	17 20	17 36	2 2	12 59	0 6
M21	11 0	6 5	3 30	16 10	0 24	19 39	0 13	23 35	0 59	16 1	0 41	17 18	0 26	21 23	0 27	4 22	1 10	16 23	0 44	17 19	17 35	2 0	12 58	0 6
T 22	11 20	10 45	2 23	16 45	0 31	19 58	0 16	23 39	1 0	16 0	0 41	17 18	0 26	21 22	0 27	4 22	1 10	16 23	0 44	17 19	17 34	1 58	12 57	0 6
W23	11 40	14 42	1 7	17 19	0 38	20 17	0 19	23 44	1 0	16 0	0 41	17 18	0 26	21 22	0 27	4 21	1 10	16 23	0 44	17 19	17 33	1 55	12 56	0 6
T 24	12 1	17 41	0 s12	17 51	0 46	20 34	0 22	23 47	1 1	15 59	0 41	17 17	0 26	21 22	0 27	4 21	1 10	16 23	0 44	17 18	17 32	1 53	12 55	0 6
F 25	12 21	19 31	1 28	18 23	0 53	20 52	0 25	23 51	1 1	15 58	0 41	17 17	0 26	21 22	0 27	4 20	1 10	16 23	0 44	17 19	17 32	1 51	12 54	0 6
S 26	12 41	20 8	2 37	18 54	1 0	21 9	0 28	23 54	1 1	15 57	0 41	17 17	0 26	21 22	0 27	4 19	1 10	16 23	0 44	17 19	17 31	1 49	12 53	0 7
S 27	13 0	19 37	3 35	19 24	1 7	21 25	0 31	23 58	1 2	15 57	0 40	17 17	0 26	21 21	0 27	4 19	1 10	16 23	0 44	17 19	17 30	1 47	12 52	0 7
M28	13 20	18 6	4 21	19 53	1 15	21 41	0 34	24 1	1 2	15 56	0 40	17 16	0 26	21 21	0 27	4 18	1 10	16 23	0 44	17 19	17 29	1 44	12 51	0 7
T 29	13 39	15 45	4 54	20 20	1 22	21 56	0 37	24 3	1 2	15 55	0 40	17 16	0 26	21 21	0 27	4 18	1 10	16 23	0 45	17 20	17 28	1 42	12 50	0 7
W30	13 58	12 45	5 12	20 47	1 28	22 11	0 40	24 6	1 3	15 54	0 40	17 16	0 26	21 21	0 27	4 17	1 10	16 23	0 45	17 20	17 27	1 40	12 49	0 7
T 31	14 s17	9n16	5 s16	21 s13	1 s35	22 s25	0 s43	24 s 8	1 s 3	15 s53	0 s40	17 s15	0 s26	21 s20	0 s27	4n17	1 s10	16n23	0n45	17 s20	17 s26	1n38	12n48	0 s 7

Julian Day Number = 3061408.5, Delta T = 02h31m43s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°08'57, Lahiri = 47°15'58

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

NOVEMBER 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 46 13	9♏43'03	3♍10	0♐ 2	10♐57	24♐41	18♒15	12♒44	25♑16	13°R39	16♌48	19°R 2	19♏25	14♍55	4°R28	F 1
S 2	2 50 9	10°42'10	15° 2	1°25	12°10	25°23	18°19	12°46	25°17	13♈38	16°48	19♏ 1	19°22	15° 2	4♉25	S 2
S 3	2 54 6	11°41'19	26°55	2°48	13°23	26° 5	18°23	12°47	25°19	13°36	16°48	19° 0	19°19	15° 9	4°22	S 3
M 4	2 58 2	12°40'30	8♎54	4°10	14°36	26°47	18°27	12°49	25°20	13°35	16°49	18°59	19°16	15°15	4°19	M 4
T 5	3 1 59	13°39'44	21° 0	5°31	15°49	27°30	18°32	12°51	25°22	13°33	16°49	18°59	19°12	15°22	4°17	T 5
W 6	3 5 55	14°38'59	3♏17	6°50	17° 2	28°12	18°36	12°53	25°24	13°32	16°49	18°58	19° 9	15°29	4°14	W 6
T 7	3 9 52	15°38'17	15°46	8° 9	18°15	28°54	18°41	12°55	25°25	13°31	16°49	18°D58	19° 6	15°36	4°11	T 7
F 8	3 13 48	16°37'37	28°28	9°26	19°27	29°37	18°45	12°58	25°27	13°29	16°49	18°58	19° 3	15°42	4° 9	F 8
S 9	3 17 45	17°36'58	11♐23	10°42	20°40	0♑19	18°50	13° 0	25°29	13°28	16°50	18°58	19° 0	15°49	4° 6	S 9
S 10	3 21 42	18°36'21	24°32	11°56	21°53	1° 2	18°56	13° 2	25°31	13°27	16°50	18°R58	18°57	15°56	4° 3	S 10
M11	3 25 38	19°35'47	7♑54	13° 9	23° 6	1°45	19° 1	13° 5	25°33	13°26	16°50	18°58	18°53	16° 2	4° 1	M11
T 12	3 29 35	20°35'14	21°30	14°20	24°19	2°27	19° 6	13° 8	25°35	13°24	16°50	18°58	18°50	16° 9	3°58	T 12
W13	3 33 31	21°34'42	5♒17	15°30	25°31	3°10	19°12	13°10	25°37	13°23	16°50	18°58	18°47	16°16	3°55	W13
T 14	3 37 28	22°34'12	19°17	16°37	26°44	3°53	19°18	13°13	25°39	13°22	16°50	18°D58	18°44	16°22	3°53	T 14
F 15	3 41 24	23°33'44	3♓27	17°43	27°57	4°36	19°24	13°16	25°41	13°21	16°50	18°58	18°41	16°29	3°50	F 15
S 16	3 45 21	24°33'17	17°45	18°46	29°10	5°19	19°30	13°19	25°43	13°20	16°R50	18°58	18°37	16°36	3°48	S 16
S 17	3 49 17	25°32'52	2♈ 9	19°46	0♑22	6° 3	19°36	13°22	25°45	13°18	16°50	18°59	18°34	16°43	3°45	S 17
M18	3 53 14	26°32'29	16°34	20°43	1°35	6°46	19°43	13°25	25°48	13°17	16°50	18°59	18°31	16°49	3°43	M18
T 19	3 57 11	27°32'07	0♉57	21°38	2°47	7°29	19°50	13°28	25°50	13°16	16°50	19° 0	18°28	16°56	3°40	T 19
W20	4 1 7	28°31'47	15°13	22°29	4° 0	8°12	19°56	13°32	25°52	13°15	16°50	19°R 0	18°25	17° 3	3°38	W20
T 21	4 5 4	29°31'29	29°17	23°16	5°13	8°56	20° 3	13°35	25°55	13°14	16°50	19° 0	18°22	17° 9	3°35	T 21
F 22	4 9 0	0♐31'13	13♊ 4	23°58	6°25	9°39	20°10	13°39	25°57	13°13	16°50	19° 0	18°18	17°16	3°33	F 22
S 23	4 12 57	1°30'59	26°33	24°36	7°37	10°23	20°18	13°42	25°59	13°12	16°50	18°58	18°15	17°23	3°31	S 23
S 24	4 16 53	2°30'47	9♋41	25° 8	8°50	11° 7	20°25	13°46	26° 2	13°11	16°49	18°56	18°12	17°30	3°28	S 24
M25	4 20 50	3°30'37	22°29	25°35	10° 2	11°50	20°33	13°50	26° 4	13°10	16°49	18°54	18° 9	17°36	3°26	M25
T 26	4 24 46	4°30'29	4♌59	25°55	11°15	12°34	20°40	13°53	26° 7	13°10	16°49	18°52	18° 6	17°43	3°24	T 26
W27	4 28 43	5°30'23	17°12	26° 8	12°27	13°18	20°48	13°57	26°10	13° 9	16°49	18°51	18° 3	17°50	3°22	W27
T 28	4 32 40	6°30'19	29°14	26°R14	13°39	14° 2	20°56	14° 1	26°12	13° 8	16°48	18°50	17°59	17°56	3°19	T 28
F 29	4 36 36	7°30'17	11♍ 8	26°11	14°52	14°46	21° 4	14° 5	26°15	13° 7	16°48	18°D50	17°56	18° 3	3°17	F 29
S 30	4 40 33	8♐30'17	23♍ 0	25♐59	16♑ 4	15♑30	21♒13	14♒ 9	26♑18	13♈ 6	16♌48	18♏50	17♏53	18♍10	3♉15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s36	5n28	5s 7	21s38	1s42	22s38	0s46	24s10	1s 3	15s52	0s40	17s15	0s26	21s20	0s27	4n16	1s10	16n23	0n45	17s19	17s26	1n36	12n47	0s 7
S 2	14 54	1 27	4 45	22 2	1 48	22 51	0 48	24 12	1 4	15 50	0 40	17 15	0 26	21 20	0 27	4 16	1 10	16 22	0 45	17 19	17 25	1 33	12 46	0 7
S 3	15 12	2s37	4 10	22 24	1 55	23 3	0 51	24 14	1 4	15 49	0 40	17 14	0 26	21 19	0 27	4 15	1 10	16 22	0 45	17 19	17 24	1 31	12 45	0 7
M 4	15 30	6 38	3 24	22 46	2 1	23 15	0 54	24 15	1 4	15 48	0 40	17 14	0 26	21 19	0 27	4 15	1 10	16 22	0 45	17 19	17 23	1 29	12 44	0 7
T 5	15 48	10 26	2 29	23 7	2 7	23 25	0 57	24 16	1 5	15 47	0 40	17 13	0 26	21 19	0 27	4 14	1 10	16 22	0 45	17 18	17 22	1 27	12 43	0 7
W 6	16 5	13 51	1 26	23 26	2 13	23 36	1 0	24 17	1 5	15 45	0 40	17 13	0 26	21 19	0 27	4 13	1 10	16 22	0 45	17 18	17 21	1 25	12 42	0 7
T 7	16 22	16 42	0 18	23 45	2 18	23 45	1 3	24 18	1 5	15 44	0 40	17 12	0 26	21 18	0 27	4 13	1 10	16 22	0 45	17 18	17 20	1 22	12 41	0 7
F 8	16 39	18 47	0n52	24 2	2 24	23 54	1 6	24 19	1 5	15 42	0 40	17 11	0 26	21 18	0 27	4 12	1 10	16 22	0 45	17 18	17 20	1 20	12 40	0 8
S 9	16 56	19 56	2 1	24 18	2 29	24 2	1 9	24 19	1 6	15 41	0 40	17 11	0 26	21 17	0 27	4 12	1 10	16 22	0 45	17 18	17 19	1 18	12 39	0 8
S 10	17 12	20 2	3 5	24 33	2 33	24 10	1 11	24 19	1 6	15 39	0 40	17 10	0 26	21 17	0 27	4 12	1 10	16 23	0 46	17 18	17 18	1 16	12 38	0 8
M11	17 28	19 0	3 59	24 47	2 38	24 17	1 14	24 19	1 6	15 37	0 40	17 9	0 26	21 17	0 27	4 11	1 9	16 23	0 46	17 18	17 17	1 14	12 37	0 8
T 12	17 44	16 53	4 42	25 0	2 42	24 23	1 17	24 18	1 6	15 36	0 40	17 9	0 26	21 16	0 27	4 11	1 9	16 23	0 46	17 18	17 16	1 11	12 36	0 8
W13	18 0	13 47	5 8	25 11	2 46	24 28	1 19	24 18	1 7	15 34	0 40	17 8	0 26	21 16	0 27	4 10	1 9	16 23	0 46	17 18	17 15	1 9	12 35	0 8
T 14	18 15	9 52	5 17	25 22	2 49	24 33	1 22	24 17	1 7	15 32	0 40	17 7	0 26	21 16	0 27	4 10	1 9	16 23	0 46	17 18	17 14	1 7	12 34	0 8
F 15	18 30	5 22	5 7	25 31	2 52	24 37	1 25	24 16	1 7	15 30	0 40	17 6	0 26	21 15	0 27	4 9	1 9	16 23	0 46	17 18	17 14	1 5	12 33	0 8
S 16	18 44	0 31	4 38	25 39	2 55	24 41	1 27	24 14	1 7	15 28	0 40	17 6	0 26	21 15	0 27	4 9	1 9	16 23	0 46	17 18	17 13	1 3	12 32	0 8
S 17	18 58	4n24	3 52	25 46	2 57	24 43	1 30	24 13	1 8	15 26	0 40	17 5	0 26	21 14	0 27	4 8	1 9	16 23	0 46	17 18	17 12	1 1	12 32	0 8
M18	19 12	9 5	2 50	25 52	2 58	24 45	1 32	24 11	1 8	15 24	0 40	17 4	0 26	21 14	0 27	4 8	1 9	16 23	0 46	17 19	17 11	0 58	12 31	0 8
T 19	19 26	13 15	1 38	25 56	2 59	24 46	1 35	24 9	1 8	15 22	0 40	17 3	0 27	21 14	0 27	4 8	1 9	16 23	0 46	17 19	17 10	0 56	12 30	0 8
W20	19 39	16 35	0 21	25 59	2 59	24 47	1 37	24 6	1 8	15 20	0 40	17 2	0 27	21 13	0 27	4 7	1 9	16 23	0 46	17 19	17 9	0 54	12 29	0 8
T 21	19 52	18 54	0s57	26 1	2 58	24 47	1 40	24 4	1 8	15 18	0 40	17 1	0 27	21 13	0 27	4 7	1 9	16 23	0 46	17 19	17 8	0 52	12 28	0 9
F 22	20 5	20 1	2 9	26 2	2 57	24 46	1 42	24 1	1 9	15 15	0 40	17 0	0 27	21 12	0 27	4 6	1 9	16 23	0 47	17 19	17 7	0 50	12 27	0 9
S 23	20 17	19 58	3 13	26 1	2 54	24 44	1 44	23 58	1 9	15 13	0 40	16 59	0 27	21 12	0 27	4 6	1 9	16 24	0 47	17 18	17 7	0 48	12 26	0 9
S 24	20 29	18 48	4 5	25 59	2 51	24 42	1 46	23 55	1 9	15 11	0 40	16 58	0 27	21 11	0 27	4 6	1 9	16 24	0 47	17 18	17 6	0 45	12 25	0 9
M25	20 40	16 42	4 43	25 56	2 47	24 39	1 48	23 51	1 9	15 8	0 40	16 57	0 27	21 11	0 27	4 5	1 9	16 24	0 47	17 17	17 5	0 43	12 25	0 9
T 26	20 51	13 53	5 7	25 51	2 41	24 35	1 50	23 47	1 9	15 6	0 40	16 56	0 27	21 10	0 27	4 5	1 9	16 24	0 47	17 17	17 4	0 41	12 24	0 9
W27	21 2	10 31	5 16	25 45	2 35	24 31	1 52	23 43	1 10	15 3	0 40	16 55	0 27	21 10	0 27	4 5	1 9	16 24	0 47	17 16	17 3	0 39	12 23	0 9
T 28	21 12	6 46	5 11	25 37	2 27	24 26	1 54	23 39	1 10	15 1	0 40	16 54	0 27	21 9	0 27	4 5	1 9	16 24	0 47	17 16	17 2	0 37	12 22	0 9
F 29	21 22	2 48	4 52	25 27	2 17	24 20	1 56	23 34	1 10	14 58	0 39	16 53	0 27	21 9	0 27	4 4	1 9	16 25	0 47	17 16	17 1	0 34	12 21	0 9
S 30	21s31	1s15	4s22	25s16	2s 6	24s13	1s58	23s29	1s10	14s55	0s39	16s52	0s27	21s 8	0s27	4n 4	1s 9	16n25	0n47	17s16	17s 0	0n32	12n20	0s 9

Julian Day Number = 3061439.5, Delta T = 02h31m44s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'02, Lahiri = 47°16'02

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ASTRODIENST EPHEMERIS for the year 3669
geocentric

DECEMBER 3669 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 44 29	9♐30'20	4♎53	25°R38	17♑16	16♑14	21♒21	14♒14	26♑20	13°R 5	16°R47	18♏52	17♏50	18♍16	3°R13	S 1
M 2	4 48 26	10°30'24	16°54	25♐ 7	18°28	16°58	21°30	14°18	26°23	13♈ 5	16♌47	18°53	17°47	18°23	3♉11	M 2
T 3	4 52 22	11°30'30	29° 5	24°26	19°40	17°43	21°38	14°22	26°26	13° 4	16°47	18°55	17°43	18°30	3° 9	T 3
W 4	4 56 19	12°30'38	11♏30	23°35	20°52	18°27	21°47	14°27	26°29	13° 3	16°46	18°56	17°40	18°37	3° 7	W 4
T 5	5 0 15	13°30'48	24°13	22°36	22° 5	19°11	21°56	14°31	26°32	13° 3	16°46	18°R56	17°37	18°43	3° 5	T 5
F 6	5 4 12	14°31'00	7♐13	21°28	23°17	19°56	22° 5	14°36	26°34	13° 2	16°45	18°55	17°34	18°50	3° 3	F 6
S 7	5 8 9	15°31'14	20°32	20°15	24°29	20°41	22°14	14°41	26°37	13° 2	16°45	18°52	17°31	18°57	3° 1	S 7
S 8	5 12 5	16°31'29	4♑ 7	18°56	25°40	21°25	22°24	14°45	26°40	13° 1	16°44	18°49	17°28	19° 3	2°59	S 8
M 9	5 16 2	17°31'46	17°57	17°36	26°52	22°10	22°33	14°50	26°43	13° 1	16°44	18°44	17°24	19°10	2°58	M 9
T 10	5 19 58	18°32'04	1♒58	16°16	28° 4	22°55	22°43	14°55	26°46	13° 0	16°43	18°40	17°21	19°17	2°56	T 10
W11	5 23 55	19°32'24	16° 5	15° 0	29°16	23°39	22°52	15° 0	26°49	13° 0	16°43	18°36	17°18	19°23	2°54	W11
T 12	5 27 51	20°32'45	0♓16	13°48	0♒28	24°24	23° 2	15° 5	26°52	12°59	16°42	18°33	17°15	19°30	2°52	T 12
F 13	5 31 48	21°33'07	14°28	12°45	1°39	25° 9	23°12	15°10	26°56	12°59	16°41	18°31	17°12	19°37	2°51	F 13
S 14	5 35 44	22°33'31	28°38	11°51	2°51	25°54	23°22	15°15	26°59	12°59	16°41	18°D31	17° 9	19°44	2°49	S 14
S 15	5 39 41	23°33'55	12♈44	11° 8	4° 3	26°39	23°32	15°21	27° 2	12°58	16°40	18°32	17° 5	19°50	2°48	S 15
M16	5 43 38	24°34'21	26°46	10°37	5°14	27°24	23°43	15°26	27° 5	12°58	16°39	18°34	17° 2	19°57	2°46	M16
T 17	5 47 34	25°34'48	10♉41	10°17	6°25	28°10	23°53	15°31	27° 8	12°58	16°39	18°35	16°59	20° 4	2°45	T 17
W18	5 51 31	26°35'17	24°28	10°D 9	7°37	28°55	24° 4	15°37	27°11	12°58	16°38	18°R35	16°56	20°10	2°44	W18
T 19	5 55 27	27°35'47	8♊ 5	10°11	8°48	29°40	24°14	15°42	27°15	12°57	16°37	18°33	16°53	20°17	2°42	T 19
F 20	5 59 24	28°36'18	21°31	10°24	9°59	0♒25	24°25	15°48	27°18	12°57	16°36	18°30	16°49	20°24	2°41	F 20
S 21	6 3 20	29°36'50	4♋44	10°47	11°10	1°11	24°36	15°53	27°21	12°57	16°35	18°24	16°46	20°30	2°40	S 21
S 22	6 7 17	0♑37'24	17°41	11°18	12°21	1°56	24°47	15°59	27°25	12°57	16°35	18°17	16°43	20°37	2°39	S 22
M23	6 11 14	1°37'59	0♌23	11°58	13°32	2°42	24°58	16° 5	27°28	12°D57	16°34	18° 9	16°40	20°44	2°37	M23
T 24	6 15 10	2°38'36	12°50	12°44	14°43	3°27	25° 9	16°10	27°31	12°57	16°33	18° 1	16°37	20°51	2°36	T 24
W25	6 19 7	3°39'14	25° 2	13°36	15°54	4°13	25°20	16°16	27°35	12°57	16°32	17°53	16°34	20°57	2°35	W25
T 26	6 23 3	4°39'53	7♍ 3	14°34	17° 5	4°59	25°31	16°22	27°38	12°57	16°31	17°48	16°30	21° 4	2°34	T 26
F 27	6 27 0	5°40'34	18°57	15°36	18°15	5°44	25°43	16°28	27°42	12°57	16°30	17°44	16°27	21°11	2°34	F 27
S 28	6 30 56	6°41'16	0♎47	16°42	19°26	6°30	25°54	16°34	27°45	12°57	16°29	17°42	16°24	21°17	2°33	S 28
S 29	6 34 53	7°42'00	12°39	17°52	20°36	7°16	26° 6	16°40	27°48	12°58	16°28	17°D42	16°21	21°24	2°32	S 29
M30	6 38 49	8°42'45	24°38	19° 5	21°47	8° 2	26°18	16°46	27°52	12°58	16°27	17°43	16°18	21°31	2°31	M30
T 31	6 42 46	9♑43'32	6♏49	20♐21	22♒57	8♒48	26♒29	16♒52	27♑55	12♈58	16♌26	17♏44	16♏15	21♍37	2♉30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s41	5s17	3s40	25s 3	1s54	24s 6	2s 0	23s24	1s10	14s53	0s39	16s51	0s27	21s 8	0s27	4n 4	1s 9	16n25	0n47	17s17	17s 0	0n30	12n20	0s 9
M 2	21 49	9 10	2 48	24 48	1 40	23 58	2 1	23 19	1 10	14 50	0 39	16 49	0 27	21 7	0 27	4 3	1 9	16 25	0 47	17 17	16 59	0 28	12 19	0 9
T 3	21 58	12 43	1 47	24 31	1 24	23 50	2 3	23 14	1 10	14 47	0 39	16 48	0 27	21 7	0 27	4 3	1 9	16 25	0 47	17 17	16 58	0 26	12 18	0 9
W 4	22 5	15 48	0 41	24 11	1 7	23 40	2 5	23 8	1 10	14 44	0 39	16 47	0 27	21 6	0 27	4 3	1 9	16 25	0 48	17 18	16 57	0 24	12 17	0 10
T 5	22 13	18 11	0n29	23 50	0 49	23 30	2 6	23 2	1 11	14 41	0 39	16 46	0 27	21 6	0 27	4 3	1 9	16 26	0 48	17 18	16 56	0 21	12 17	0 10
F 6	22 20	19 42	1 39	23 27	0 30	23 20	2 7	22 55	1 11	14 39	0 39	16 44	0 27	21 5	0 27	4 3	1 9	16 26	0 48	17 17	16 55	0 19	12 16	0 10
S 7	22 27	20 9	2 45	23 2	0 10	23 9	2 9	22 49	1 11	14 36	0 39	16 43	0 27	21 5	0 27	4 2	1 9	16 26	0 48	17 17	16 54	0 17	12 15	0 10
S 8	22 33	19 27	3 43	22 35	0n11	22 57	2 10	22 42	1 11	14 33	0 39	16 42	0 27	21 4	0 27	4 2	1 9	16 26	0 48	17 16	16 53	0 15	12 15	0 10
M 9	22 39	17 35	4 29	22 8	0 31	22 44	2 11	22 35	1 11	14 29	0 39	16 40	0 27	21 3	0 27	4 2	1 9	16 27	0 48	17 15	16 52	0 13	12 14	0 10
T 10	22 44	14 41	4 59	21 41	0 51	22 31	2 12	22 28	1 11	14 26	0 39	16 39	0 27	21 3	0 27	4 2	1 9	16 27	0 48	17 13	16 52	0 11	12 13	0 10
W11	22 49	10 54	5 12	21 14	1 10	22 17	2 13	22 20	1 11	14 23	0 39	16 37	0 27	21 2	0 27	4 2	1 9	16 27	0 48	17 12	16 51	0 9	12 13	0 10
T 12	22 53	6 30	5 6	20 49	1 27	22 3	2 14	22 13	1 11	14 20	0 39	16 36	0 27	21 2	0 27	4 2	1 9	16 27	0 48	17 11	16 50	0 6	12 12	0 10
F 13	22 57	1 44	4 41	20 26	1 43	21 48	2 15	22 5	1 11	14 17	0 39	16 35	0 27	21 1	0 27	4 2	1 9	16 28	0 48	17 11	16 49	0 4	12 11	0 10
S 14	23 1	3n 8	3 59	20 5	1 56	21 32	2 15	21 56	1 11	14 13	0 39	16 33	0 27	21 0	0 27	4 1	1 9	16 28	0 48	17 11	16 48	0 2	12 11	0 10
S 15	23 4	7 48	3 3	19 48	2 7	21 16	2 16	21 48	1 11	14 10	0 39	16 32	0 27	21 0	0 27	4 1	1 9	16 28	0 48	17 11	16 47	0s 0	12 10	0 10
M16	23 7	12 2	1 56	19 35	2 17	21 0	2 16	21 39	1 11	14 7	0 39	16 30	0 27	20 59	0 27	4 1	1 9	16 28	0 49	17 12	16 46	0 2	12 10	0 10
T 17	23 9	15 34	0 43	19 25	2 24	20 42	2 17	21 30	1 11	14 3	0 39	16 29	0 27	20 59	0 27	4 1	1 9	16 29	0 49	17 12	16 45	0 4	12 9	0 10
W18	23 11	18 12	0s32	19 19	2 29	20 25	2 17	21 21	1 11	14 0	0 39	16 27	0 28	20 58	0 27	4 1	1 9	16 29	0 49	17 12	16 44	0 7	12 9	0 11
T 19	23 12	19 45	1 44	19 16	2 32	20 6	2 17	21 12	1 11	13 56	0 39	16 25	0 28	20 57	0 27	4 1	1 9	16 29	0 49	17 12	16 44	0 9	12 8	0 11
F 20	23 13	20 8	2 49	19 16	2 34	19 47	2 17	21 2	1 11	13 53	0 39	16 24	0 28	20 57	0 26	4 1	1 8	16 30	0 49	17 11	16 43	0 11	12 8	0 11
S 21	23 13	19 25	3 44	19 19	2 34	19 28	2 17	20 53	1 11	13 49	0 39	16 22	0 28	20 56	0 26	4 1	1 8	16 30	0 49	17 9	16 42	0 13	12 7	0 11
S 22	23 13	17 40	4 26	19 24	2 33	19 8	2 17	20 43	1 11	13 46	0 39	16 21	0 28	20 55	0 26	4 1	1 8	16 30	0 49	17 7	16 41	0 15	12 7	0 11
M23	23 13	15 6	4 54	19 32	2 31	18 48	2 17	20 32	1 11	13 42	0 39	16 19	0 28	20 55	0 26	4 1	1 8	16 31	0 49	17 5	16 40	0 17	12 6	0 11
T 24	23 12	11 54	5 7	19 41	2 27	18 27	2 17	20 22	1 11	13 38	0 39	16 17	0 28	20 54	0 26	4 1	1 8	16 31	0 49	17 3	16 39	0 19	12 6	0 11
W25	23 10	8 15	5 6	19 52	2 23	18 6	2 16	20 11	1 11	13 34	0 39	16 16	0 28	20 53	0 26	4 1	1 8	16 31	0 49	17 0	16 38	0 22	12 5	0 11
T 26	23 8	4 19	4 51	20 3	2 18	17 44	2 16	20 0	1 11	13 31	0 39	16 14	0 28	20 53	0 26	4 1	1 8	16 32	0 49	16 59	16 37	0 24	12 5	0 11
F 27	23 6	0 17	4 24	20 15	2 13	17 22	2 15	19 49	1 11	13 27	0 39	16 12	0 28	20 52	0 26	4 1	1 8	16 32	0 49	16 58	16 36	0 26	12 5	0 11
S 28	23 3	3s46	3 46	20 28	2 6	16 59	2 14	19 38	1 11	13 23	0 39	16 10	0 28	20 51	0 26	4 1	1 8	16 32	0 49	16 57	16 35	0 28	12 4	0 11
S 29	23 0	7 41	2 58	20 41	2 0	16 36	2 13	19 26	1 11	13 19	0 39	16 9	0 28	20 51	0 26	4 1	1 8	16 33	0 50	16 57	16 35	0 30	12 4	0 11
M30	22 56	11 20	2 1	20 54	1 53	16 12	2 12	19 14	1 11	13 15	0 39	16 7	0 28	20 50	0 26	4 2	1 8	16 33	0 50	16 58	16 34	0 32	12 4	0 11
T 31	22s52	14s35	0s58	21s 7	1n46	15s49	2s11	19s 2	1s11	13s11	0s39	16s 5	0s28	20s49	0s26	4n 2	1s 8	16n33	0n50	16s58	16s33	0s34	12n 3	0s11

Julian Day Number = 3061469.5, Delta T = 02h31m45s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'06, Lahiri = 47°16'06

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

JANUARY 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 46 43	10♑44'20	19♏17	21♐39	24♒ 7	9♒34	26♒41	16♒59	27♑59	12♈58	16°R25	17°R44	16♏11	21♍44	2°R30	W 1
T 2	6 50 39	11°45'09	2♐ 6	22°59	25°17	10°20	26°53	17° 5	28° 2	12°59	16♌24	17♏43	16° 8	21°51	2♉29	T 2
F 3	6 54 36	12°46'00	15°18	24°20	26°27	11° 6	27° 5	17°11	28° 6	12°59	16°23	17°40	16° 5	21°58	2°29	F 3
S 4	6 58 32	13°46'51	28°55	25°43	27°37	11°52	27°17	17°17	28° 9	12°59	16°22	17°34	16° 2	22° 4	2°28	S 4
S 5	7 2 29	14°47'44	12♑54	27° 7	28°47	12°38	27°30	17°24	28°13	13° 0	16°21	17°26	15°59	22°11	2°28	S 5
M 6	7 6 25	15°48'38	27°12	28°33	29°56	13°25	27°42	17°30	28°17	13° 0	16°20	17°16	15°55	22°18	2°27	M 6
T 7	7 10 22	16°49'32	11♒42	29°59	1♓ 6	14°11	27°54	17°37	28°20	13° 1	16°19	17° 6	15°52	22°24	2°27	T 7
W 8	7 14 18	17°50'27	26°18	1♑26	2°15	14°57	28° 7	17°43	28°24	13° 1	16°18	16°57	15°49	22°31	2°27	W 8
T 9	7 18 15	18°51'23	10♓52	2°54	3°24	15°44	28°19	17°50	28°27	13° 2	16°17	16°50	15°46	22°38	2°27	T 9
F 10	7 22 12	19°52'19	25°19	4°22	4°33	16°30	28°32	17°56	28°31	13° 2	16°16	16°45	15°43	22°44	2°27	F 10
S 11	7 26 8	20°53'16	9♈35	5°51	5°42	17°16	28°44	18° 3	28°35	13° 3	16°15	16°42	15°40	22°51	2°26	S 11
S 12	7 30 5	21°54'13	23°38	7°20	6°51	18° 3	28°57	18° 9	28°38	13° 4	16°13	16°D42	15°36	22°58	2°D26	S 12
M13	7 34 1	22°55'10	7♉27	8°50	8° 0	18°49	29°10	18°16	28°42	13° 4	16°12	16°42	15°33	23° 5	2°26	M13
T 14	7 37 58	23°56'08	21° 3	10°20	9° 8	19°36	29°23	18°23	28°45	13° 5	16°11	16°R42	15°30	23°11	2°27	T 14
W15	7 41 54	24°57'07	4♊27	11°50	10°16	20°23	29°36	18°29	28°49	13° 6	16°10	16°41	15°27	23°18	2°27	W15
T 16	7 45 51	25°58'05	17°40	13°21	11°25	21° 9	29°49	18°36	28°53	13° 7	16° 9	16°37	15°24	23°25	2°27	T 16
F 17	7 49 47	26°59'04	0♋42	14°52	12°32	21°56	0♓ 2	18°43	28°56	13° 8	16° 8	16°30	15°21	23°31	2°27	F 17
S 18	7 53 44	28° 0'04	13°33	16°23	13°40	22°43	0°15	18°50	29° 0	13° 8	16° 6	16°21	15°17	23°38	2°27	S 18
S 19	7 57 41	29° 1'04	26°13	17°55	14°48	23°29	0°28	18°57	29° 3	13° 9	16° 5	16° 9	15°14	23°45	2°28	S 19
M20	8 1 37	0♒ 2'04	8♌43	19°27	15°55	24°16	0°41	19° 3	29° 7	13°10	16° 4	15°55	15°11	23°51	2°28	M20
T 21	8 5 34	1° 3'05	21° 0	20°59	17° 2	25° 3	0°54	19°10	29°11	13°11	16° 3	15°41	15° 8	23°58	2°29	T 21
W22	8 9 30	2° 4'06	3♍ 8	22°31	18° 9	25°50	1° 8	19°17	29°14	13°12	16° 1	15°28	15° 5	24° 5	2°29	W22
T 23	8 13 27	3° 5'07	15° 6	24° 4	19°16	26°37	1°21	19°24	29°18	13°13	16° 0	15°17	15° 1	24°11	2°30	T 23
F 24	8 17 23	4° 6'10	26°58	25°37	20°22	27°24	1°34	19°31	29°22	13°14	15°59	15° 9	14°58	24°18	2°30	F 24
S 25	8 21 20	5° 7'12	8♎46	27°10	21°28	28°11	1°48	19°38	29°25	13°15	15°58	15° 4	14°55	24°25	2°31	S 25
S 26	8 25 16	6° 8'15	20°36	28°44	22°34	28°57	2° 1	19°45	29°29	13°16	15°56	15° 1	14°52	24°32	2°32	S 26
M27	8 29 13	7° 9'19	2♏32	0♒18	23°40	29°44	2°15	19°52	29°32	13°18	15°55	15° 0	14°49	24°38	2°33	M27
T 28	8 33 10	8°10'23	14°39	1°52	24°46	0♓32	2°29	19°59	29°36	13°19	15°54	15° 0	14°46	24°45	2°34	T 28
W29	8 37 6	9°11'27	27° 4	3°27	25°51	1°19	2°42	20° 6	29°40	13°20	15°53	15° 0	14°42	24°52	2°35	W29
T 30	8 41 3	10°12'32	9♐51	5° 2	26°56	2° 6	2°56	20°13	29°43	13°21	15°51	14°58	14°39	24°58	2°36	T 30
F 31	8 44 59	11♒13'37	23♐ 4	6♒37	28♓ 0	2♓53	3♓10	20♒20	29♑47	13♈22	15♌50	14♏54	14♏36	25♍ 5	2♉37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s48	17s15	0n 8	21s19	1n38	15s24	2s10	18s50	1s11	13s 7	0s39	16s 3	0s28	20s49	0s26	4n 2	1s 8	16n34	0n50	16s58	16s32	0s37	12n 3	0s12
T 2	22 42	19 9	1 16	21 32	1 31	15 0	2 9	18 38	1 11	13 3	0 39	16 1	0 28	20 48	0 26	4 2	1 8	16 34	0 50	16 58	16 31	0 39	12 3	0 12
F 3	22 37	20 4	2 22	21 43	1 23	14 35	2 7	18 25	1 11	12 59	0 39	16 0	0 28	20 47	0 26	4 2	1 8	16 35	0 50	16 57	16 30	0 41	12 2	0 12
S 4	22 31	19 51	3 22	21 54	1 15	14 9	2 6	18 12	1 11	12 55	0 39	15 58	0 28	20 47	0 26	4 2	1 8	16 35	0 50	16 55	16 29	0 43	12 2	0 12
S 5	22 25	18 26	4 11	22 4	1 8	13 44	2 4	17 59	1 11	12 51	0 39	15 56	0 28	20 46	0 26	4 3	1 8	16 35	0 50	16 53	16 28	0 45	12 2	0 12
M 6	22 18	15 51	4 46	22 13	1 0	13 18	2 2	17 46	1 10	12 47	0 39	15 54	0 28	20 45	0 26	4 3	1 8	16 36	0 50	16 50	16 27	0 47	12 2	0 12
T 7	22 10	12 16	5 3	22 22	0 52	12 51	2 0	17 33	1 10	12 42	0 39	15 52	0 28	20 44	0 26	4 3	1 8	16 36	0 50	16 47	16 26	0 49	12 2	0 12
W 8	22 3	7 55	5 0	22 29	0 44	12 25	1 58	17 19	1 10	12 38	0 39	15 50	0 28	20 44	0 26	4 3	1 8	16 37	0 50	16 45	16 26	0 51	12 2	0 12
T 9	21 55	3 8	4 38	22 36	0 36	11 58	1 56	17 6	1 10	12 34	0 39	15 48	0 28	20 43	0 27	4 3	1 8	16 37	0 50	16 43	16 25	0 54	12 1	0 12
F 10	21 46	1n49	3 58	22 41	0 28	11 31	1 53	16 52	1 10	12 29	0 39	15 46	0 29	20 42	0 27	4 4	1 8	16 37	0 50	16 41	16 24	0 56	12 1	0 12
S 11	21 37	6 35	3 4	22 45	0 20	11 4	1 51	16 38	1 10	12 25	0 39	15 44	0 29	20 42	0 27	4 4	1 8	16 38	0 51	16 41	16 23	0 58	12 1	0 12
S 12	21 28	10 57	2 0	22 49	0 13	10 36	1 48	16 23	1 10	12 21	0 39	15 42	0 29	20 41	0 27	4 4	1 8	16 38	0 51	16 41	16 22	1 0	12 1	0 12
M13	21 18	14 39	0 49	22 51	0 5	10 8	1 46	16 9	1 10	12 16	0 39	15 40	0 29	20 40	0 27	4 5	1 8	16 39	0 51	16 41	16 21	1 2	12 1	0 12
T 14	21 7	17 29	0s23	22 52	0s 2	9 40	1 43	15 54	1 9	12 12	0 39	15 38	0 29	20 39	0 27	4 5	1 8	16 39	0 51	16 41	16 20	1 4	12 1	0 12
W15	20 57	19 19	1 33	22 52	0 9	9 12	1 40	15 40	1 9	12 7	0 39	15 36	0 29	20 39	0 27	4 5	1 8	16 39	0 51	16 40	16 19	1 6	12 1	0 12
T 16	20 46	20 3	2 37	22 50	0 17	8 43	1 37	15 25	1 9	12 3	0 39	15 34	0 29	20 38	0 27	4 6	1 8	16 40	0 51	16 39	16 18	1 8	12 1	0 13
F 17	20 34	19 42	3 31	22 48	0 24	8 14	1 34	15 9	1 9	11 58	0 39	15 32	0 29	20 37	0 27	4 6	1 8	16 40	0 51	16 37	16 17	1 11	12 1	0 13
S 18	20 22	18 20	4 14	22 44	0 31	7 46	1 30	14 54	1 9	11 54	0 39	15 30	0 29	20 36	0 27	4 6	1 8	16 41	0 51	16 35	16 16	1 13	12 1	0 13
S 19	20 10	16 5	4 43	22 39	0 37	7 17	1 27	14 39	1 8	11 49	0 39	15 28	0 29	20 36	0 27	4 7	1 8	16 41	0 51	16 31	16 15	1 15	12 1	0 13
M20	19 58	13 7	4 58	22 33	0 44	6 47	1 23	14 23	1 8	11 45	0 39	15 26	0 29	20 35	0 27	4 7	1 8	16 42	0 51	16 27	16 15	1 17	12 1	0 13
T 21	19 45	9 38	4 59	22 26	0 50	6 18	1 20	14 7	1 8	11 40	0 39	15 24	0 29	20 34	0 27	4 7	1 7	16 42	0 51	16 23	16 14	1 19	12 1	0 13
W22	19 31	5 48	4 47	22 17	0 56	5 49	1 16	13 52	1 8	11 35	0 39	15 22	0 29	20 34	0 27	4 8	1 7	16 42	0 51	16 20	16 13	1 21	12 1	0 13
T 23	19 17	1 47	4 22	22 8	1 2	5 19	1 12	13 36	1 8	11 31	0 39	15 20	0 29	20 33	0 27	4 8	1 7	16 43	0 51	16 16	16 12	1 23	12 2	0 13
F 24	19 3	2s15	3 45	21 57	1 8	4 49	1 8	13 19	1 7	11 26	0 39	15 18	0 29	20 32	0 27	4 9	1 7	16 43	0 51	16 14	16 11	1 25	12 2	0 13
S 25	18 49	6 12	2 59	21 44	1 14	4 20	1 4	13 3	1 7	11 21	0 39	15 16	0 29	20 31	0 27	4 9	1 7	16 44	0 52	16 12	16 10	1 27	12 2	0 13
S 26	18 34	9 55	2 5	21 31	1 19	3 50	0 59	12 47	1 7	11 16	0 39	15 13	0 29	20 31	0 27	4 10	1 7	16 44	0 52	16 12	16 9	1 29	12 2	0 13
M27	18 19	13 16	1 6	21 16	1 24	3 20	0 55	12 30	1 7	11 12	0 39	15 11	0 29	20 30	0 27	4 10	1 7	16 45	0 52	16 11	16 8	1 32	12 2	0 13
T 28	18 4	16 7	0 2	21 1	1 29	2 50	0 50	12 13	1 6	11 7	0 39	15 9	0 29	20 29	0 27	4 10	1 7	16 45	0 52	16 11	16 7	1 34	12 3	0 13
W29	17 48	18 18	1n 3	20 44	1 34	2 20	0 46	11 57	1 6	11 2	0 39	15 7	0 30	20 28	0 27	4 11	1 7	16 46	0 52	16 11	16 6	1 36	12 3	0 13
T 30	17 32	19 37	2 7	20 25	1 38	1 50	0 41	11 40	1 6	10 57	0 39	15 5	0 30	20 28	0 27	4 11	1 7	16 46	0 52	16 11	16 5	1 38	12 3	0 13
F 31	17s15	19s56	3n 7	20s 6	1s42	1s20	0s36	11s23	1s 6	10s52	0s40	15s 3	0s30	20s27	0s27	4n12	1s 7	16n46	0n52	16s10	16s 4	1s40	12n 3	0s13

Julian Day Number = 3061500.5, Delta T = 02h31m46s
Ecliptic obliquity = 23°13'21, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'10, Lahiri = 47°16'10

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

FEBRUARY 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 48 56	12♒14'43	6♉46	8♒13	29♓ 5	3♓40	3♓23	20♒27	29♉50	13♈24	15°R49	14°R47	14♏33	25♍12	2♉38	S 1
S 2	8 52 52	13°15'48	20°56	9°49	0♈ 9	4°27	3°37	20°34	29°54	13°25	15♌47	14♏37	14°30	25°18	2°39	S 2
M 3	8 56 49	14°16'54	5♒31	11°25	1°13	5°14	3°51	20°42	29°58	13°26	15°46	14°25	14°27	25°25	2°40	M 3
T 4	9 0 46	15°17'59	20°24	13° 2	2°16	6° 2	4° 5	20°49	0♒ 1	13°28	15°45	14°13	14°23	25°32	2°41	T 4
W 5	9 4 42	16°19'05	5♓26	14°39	3°19	6°49	4°19	20°56	0° 5	13°29	15°44	14° 1	14°20	25°38	2°43	W 5
T 6	9 8 39	17°20'10	20°27	16°17	4°22	7°36	4°33	21° 3	0° 8	13°31	15°42	13°52	14°17	25°45	2°44	T 6
F 7	9 12 35	18°21'14	5♈17	17°55	5°25	8°23	4°47	21°10	0°12	13°32	15°41	13°45	14°14	25°52	2°45	F 7
S 8	9 16 32	19°22'19	19°51	19°34	6°27	9°11	5° 1	21°17	0°15	13°34	15°40	13°41	14°11	25°58	2°47	S 8
S 9	9 20 28	20°23'22	4♉ 4	21°13	7°28	9°58	5°15	21°24	0°19	13°35	15°38	13°40	14° 7	26° 5	2°48	S 9
M10	9 24 25	21°24'25	17°56	22°53	8°30	10°45	5°29	21°31	0°22	13°37	15°37	13°39	14° 4	26°12	2°50	M10
T 11	9 28 21	22°25'28	1♊27	24°33	9°31	11°33	5°43	21°39	0°25	13°38	15°36	13°39	14° 1	26°19	2°51	T 11
W12	9 32 18	23°26'30	14°40	26°14	10°31	12°20	5°57	21°46	0°29	13°40	15°34	13°38	13°58	26°25	2°53	W12
T 13	9 36 15	24°27'31	27°38	27°55	11°31	13° 7	6°11	21°53	0°32	13°41	15°33	13°34	13°55	26°32	2°55	T 13
F 14	9 40 11	25°28'31	10♋22	29°37	12°31	13°55	6°25	22° 0	0°36	13°43	15°32	13°27	13°52	26°39	2°57	F 14
S 15	9 44 8	26°29'31	22°55	1♓19	13°30	14°42	6°40	22° 7	0°39	13°45	15°31	13°17	13°48	26°45	2°58	S 15
S 16	9 48 4	27°30'30	5♌18	3° 1	14°28	15°30	6°54	22°14	0°42	13°46	15°29	13° 5	13°45	26°52	3° 0	S 16
M17	9 52 1	28°31'28	17°32	4°44	15°26	16°17	7° 8	22°21	0°46	13°48	15°28	12°51	13°42	26°59	3° 2	M17
T 18	9 55 57	29°32'26	29°39	6°27	16°24	17° 4	7°22	22°28	0°49	13°50	15°27	12°37	13°39	27° 5	3° 4	T 18
W19	9 59 54	0♓33'23	11♍39	8°11	17°21	17°52	7°36	22°35	0°52	13°52	15°26	12°24	13°36	27°12	3° 6	W19
T 20	10 3 50	1°34'19	23°33	9°55	18°17	18°39	7°51	22°43	0°56	13°53	15°24	12°13	13°32	27°19	3° 8	T 20
F 21	10 7 47	2°35'15	5♎22	11°39	19°13	19°27	8° 5	22°50	0°59	13°55	15°23	12° 4	13°29	27°25	3°10	F 21
S 22	10 11 43	3°36'10	17°10	13°23	20° 8	20°14	8°19	22°57	1° 2	13°57	15°22	11°58	13°26	27°32	3°12	S 22
S 23	10 15 40	4°37'05	29° 0	15° 7	21° 3	21° 2	8°33	23° 4	1° 5	13°59	15°21	11°55	13°23	27°39	3°14	S 23
M24	10 19 37	5°37'59	10♏55	16°51	21°57	21°49	8°48	23°11	1° 8	14° 1	15°19	11°D54	13°20	27°45	3°17	M24
T 25	10 23 33	6°38'53	23° 1	18°35	22°50	22°37	9° 2	23°18	1°11	14° 3	15°18	11°55	13°17	27°52	3°19	T 25
W26	10 27 30	7°39'46	5♐22	20°18	23°43	23°24	9°16	23°25	1°15	14° 5	15°17	11°R55	13°13	27°59	3°21	W26
T 27	10 31 26	8°40'38	18° 3	22° 1	24°34	24°12	9°31	23°32	1°18	14° 7	15°16	11°55	13°10	28° 6	3°24	T 27
F 28	10 35 23	9♓41'30	1♉10	23♓42	25♈25	24♓59	9♓45	23♒39	1♒21	14♈ 8	15♌15	11♏52	13♏ 7	28♍12	3♉26	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s58	19s 6	3n57	19s45	1s46	0s50	0s31	11s 5	1s 5	10s47	0s40	15s 1	0s30	20s26	0s27	4n12	1s 7	16n47	0n52	16s 7	16s 3	1s42	12n 4	0s14
S 2	16 41	17 4	4 35	19 23	1 50	0 20	0 25	10 48	1 5	10 42	0 40	14 58	0 30	20 25	0 27	4 13	1 7	16 47	0 52	16 5	16 3	1 44	12 4	0 14
M 3	16 24	13 55	4 57	19 0	1 53	0n10	0 20	10 31	1 5	10 37	0 40	14 56	0 30	20 25	0 27	4 14	1 7	16 48	0 52	16 1	16 2	1 46	12 4	0 14
T 4	16 6	9 50	4 58	18 36	1 56	0 40	0 15	10 13	1 4	10 32	0 40	14 54	0 30	20 24	0 27	4 14	1 7	16 48	0 52	15 58	16 1	1 48	12 5	0 14
W 5	15 48	5 5	4 40	18 11	1 59	1 10	0 9	9 55	1 4	10 27	0 40	14 52	0 30	20 23	0 27	4 15	1 7	16 49	0 52	15 54	16 0	1 50	12 5	0 14
T 6	15 30	0 2	4 2	17 44	2 1	1 40	0 3	9 38	1 4	10 22	0 40	14 50	0 30	20 22	0 27	4 15	1 7	16 49	0 52	15 51	15 59	1 53	12 6	0 14
F 7	15 11	4n58	3 8	17 16	2 3	2 10	0n 3	9 20	1 3	10 17	0 40	14 47	0 30	20 22	0 27	4 16	1 7	16 50	0 52	15 49	15 58	1 55	12 6	0 14
S 8	14 53	9 35	2 2	16 47	2 5	2 40	0 8	9 2	1 3	10 12	0 40	14 45	0 30	20 21	0 27	4 16	1 7	16 50	0 52	15 48	15 57	1 57	12 6	0 14
S 9	14 34	13 33	0 51	16 17	2 6	3 10	0 15	8 44	1 3	10 7	0 40	14 43	0 30	20 20	0 27	4 17	1 7	16 50	0 53	15 48	15 56	1 59	12 7	0 14
M10	14 14	16 39	0s23	15 46	2 7	3 39	0 21	8 26	1 2	10 2	0 40	14 41	0 30	20 20	0 27	4 18	1 7	16 51	0 53	15 48	15 55	2 1	12 7	0 14
T 11	13 55	18 45	1 33	15 13	2 7	4 9	0 27	8 8	1 2	9 57	0 40	14 39	0 30	20 19	0 27	4 18	1 7	16 51	0 53	15 48	15 54	2 3	12 8	0 14
W12	13 35	19 46	2 36	14 40	2 8	4 39	0 33	7 49	1 2	9 52	0 40	14 36	0 30	20 18	0 27	4 19	1 7	16 52	0 53	15 47	15 53	2 5	12 8	0 14
T 13	13 15	19 42	3 30	14 5	2 7	5 8	0 40	7 31	1 1	9 47	0 40	14 34	0 31	20 17	0 27	4 20	1 7	16 52	0 53	15 46	15 52	2 7	12 9	0 14
F 14	12 55	18 37	4 13	13 29	2 7	5 37	0 47	7 13	1 1	9 42	0 40	14 32	0 31	20 17	0 27	4 20	1 7	16 53	0 53	15 44	15 51	2 9	12 9	0 14
S 15	12 34	16 39	4 42	12 52	2 5	6 6	0 54	6 54	1 1	9 37	0 40	14 30	0 31	20 16	0 27	4 21	1 7	16 53	0 53	15 41	15 50	2 11	12 10	0 14
S 16	12 14	13 57	4 58	12 14	2 4	6 35	1 0	6 36	1 0	9 31	0 40	14 28	0 31	20 15	0 27	4 22	1 7	16 53	0 53	15 37	15 49	2 13	12 11	0 14
M17	11 53	10 40	5 0	11 35	2 2	7 4	1 7	6 17	1 0	9 26	0 40	14 25	0 31	20 15	0 27	4 22	1 7	16 54	0 53	15 33	15 49	2 15	12 11	0 15
T 18	11 32	6 59	4 48	10 55	1 59	7 32	1 15	5 58	0 59	9 21	0 40	14 23	0 31	20 14	0 27	4 23	1 7	16 54	0 53	15 29	15 48	2 17	12 12	0 15
W19	11 11	3 4	4 23	10 13	1 56	8 1	1 22	5 40	0 59	9 16	0 40	14 21	0 31	20 13	0 27	4 24	1 7	16 55	0 53	15 25	15 47	2 20	12 12	0 15
T 20	10 49	0s56	3 47	9 31	1 52	8 29	1 29	5 21	0 59	9 11	0 40	14 19	0 31	20 13	0 27	4 24	1 7	16 55	0 53	15 22	15 46	2 22	12 13	0 15
F 21	10 28	4 54	3 1	8 48	1 48	8 57	1 37	5 2	0 58	9 5	0 40	14 16	0 31	20 12	0 27	4 25	1 7	16 56	0 53	15 19	15 45	2 24	12 14	0 15
S 22	10 6	8 39	2 8	8 4	1 43	9 25	1 44	4 43	0 58	9 0	0 41	14 14	0 31	20 11	0 27	4 26	1 7	16 56	0 53	15 17	15 44	2 26	12 14	0 15
S 23	9 44	12 5	1 8	7 19	1 38	9 52	1 52	4 24	0 57	8 55	0 41	14 12	0 31	20 11	0 27	4 26	1 7	16 56	0 53	15 16	15 43	2 28	12 15	0 15
M24	9 22	15 3	0 5	6 33	1 32	10 20	2 0	4 5	0 57	8 50	0 41	14 10	0 31	20 10	0 27	4 27	1 7	16 57	0 53	15 16	15 42	2 30	12 16	0 15
T 25	9 0	17 24	0n59	5 47	1 25	10 47	2 7	3 46	0 57	8 44	0 41	14 8	0 31	20 9	0 27	4 28	1 7	16 57	0 53	15 16	15 41	2 32	12 16	0 15
W26	8 37	19 0	2 2	5 0	1 17	11 13	2 15	3 27	0 56	8 39	0 41	14 5	0 31	20 9	0 27	4 29	1 7	16 58	0 54	15 16	15 40	2 34	12 17	0 15
T 27	8 15	19 42	3 1	4 12	1 9	11 40	2 23	3 8	0 56	8 34	0 41	14 3	0 32	20 8	0 27	4 29	1 7	16 58	0 54	15 16	15 39	2 36	12 18	0 15
F 28	7s52	19s21	3n52	3s24	1s 0	12n 6	2n32	2s49	0s55	8s29	0s41	14s 1	0s32	20s 7	0s27	4n30	1s 7	16n58	0n54	15s16	15s38	2s38	12n18	0s15

Julian Day Number = 3061531.5, Delta T = 02h31m47s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'14, Lahiri = 47°16'15

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

MARCH 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 39 19	10♓42'21	14♉46	25♓22	26♈16	25♓47	9♓59	23♒46	1♒24	14♈10	15°R14	11°R48	13♏ 4	28♍19	3♉28	S 1
S 2	10 43 16	11°43'11	28°53	27° 0	27° 5	26°34	10°14	23°53	1°27	14°12	15♌12	11♏41	13° 1	28°26	3°31	S 2
M 3	10 47 12	12°44'01	13♒27	28°36	27°54	27°22	10°28	23°59	1°30	14°14	15°11	11°32	12°58	28°32	3°33	M 3
T 4	10 51 9	13°44'49	28°25	0♈ 9	28°42	28° 9	10°42	24° 6	1°33	14°16	15°10	11°23	12°54	28°39	3°36	T 4
W 5	10 55 6	14°45'37	13♓38	1°39	29°28	28°57	10°57	24°13	1°35	14°18	15° 9	11°14	12°51	28°46	3°39	W 5
T 6	10 59 2	15°46'23	28°55	3° 5	0♉14	29°44	11°11	24°20	1°38	14°21	15° 8	11° 6	12°48	28°52	3°41	T 6
F 7	11 2 59	16°47'09	14♈ 5	4°26	0°59	0♈32	11°25	24°27	1°41	14°23	15° 7	11° 1	12°45	28°59	3°44	F 7
S 8	11 6 55	17°47'53	28°58	5°42	1°43	1°19	11°39	24°34	1°44	14°25	15° 6	10°58	12°42	29° 6	3°46	S 8
S 9	11 10 52	18°48'35	13♉29	6°53	2°26	2° 7	11°54	24°40	1°47	14°27	15° 5	10°D58	12°38	29°12	3°49	S 9
M10	11 14 48	19°49'16	27°34	7°57	3° 8	2°54	12° 8	24°47	1°49	14°29	15° 4	10°59	12°35	29°19	3°52	M10
T 11	11 18 45	20°49'56	11♊13	8°53	3°48	3°42	12°22	24°54	1°52	14°31	15° 3	11° 0	12°32	29°26	3°55	T 11
W12	11 22 41	21°50'34	24°29	9°41	4°27	4°29	12°37	25° 0	1°55	14°33	15° 2	11°R 0	12°29	29°32	3°58	W12
T 13	11 26 38	22°51'10	7♋23	10°21	5° 5	5°17	12°51	25° 7	1°57	14°35	15° 1	10°59	12°26	29°39	4° 1	T 13
F 14	11 30 35	23°51'45	20° 0	10°51	5°42	6° 4	13° 5	25°13	2° 0	14°37	15° 0	10°56	12°23	29°46	4° 3	F 14
S 15	11 34 31	24°52'18	2♌22	11°12	6°18	6°51	13°19	25°20	2° 3	14°40	14°59	10°50	12°19	29°52	4° 6	S 15
S 16	11 38 28	25°52'50	14°34	11°22	6°52	7°39	13°33	25°27	2° 5	14°42	14°58	10°43	12°16	29°59	4° 9	S 16
M17	11 42 24	26°53'20	26°37	11°R22	7°24	8°26	13°47	25°33	2° 8	14°44	14°57	10°35	12°13	0♎ 6	4°12	M17
T 18	11 46 21	27°53'48	8♍34	11°12	7°55	9°14	14° 2	25°39	2°10	14°46	14°56	10°26	12°10	0°12	4°15	T 18
W19	11 50 17	28°54'15	20°27	10°52	8°24	10° 1	14°16	25°46	2°12	14°48	14°55	10°18	12° 7	0°19	4°18	W19
T 20	11 54 14	29°54'40	2♎18	10°22	8°52	10°48	14°30	25°52	2°15	14°51	14°54	10°11	12° 4	0°26	4°21	T 20
F 21	11 58 10	0♈55'04	14° 7	9°44	9°18	11°36	14°44	25°58	2°17	14°53	14°53	10° 6	12° 0	0°32	4°25	F 21
S 22	12 2 7	1°55'26	25°58	8°58	9°42	12°23	14°58	26° 5	2°19	14°55	14°53	10° 3	11°57	0°39	4°28	S 22
S 23	12 6 3	2°55'47	7♏51	8° 5	10° 5	13°10	15°12	26°11	2°21	14°57	14°52	10°D 2	11°54	0°46	4°31	S 23
M24	12 10 0	3°56'06	19°52	7° 8	10°25	13°57	15°26	26°17	2°24	14°59	14°51	10° 2	11°51	0°53	4°34	M24
T 25	12 13 57	4°56'24	2♐ 1	6° 6	10°44	14°45	15°40	26°23	2°26	15° 2	14°50	10° 4	11°48	0°59	4°37	T 25
W26	12 17 53	5°56'41	14°24	5° 3	11° 0	15°32	15°54	26°29	2°28	15° 4	14°49	10° 5	11°44	1° 6	4°41	W26
T 27	12 21 50	6°56'57	27° 5	3°59	11°15	16°19	16° 8	26°35	2°30	15° 6	14°49	10° 7	11°41	1°13	4°44	T 27
F 28	12 25 46	7°57'11	10♑ 7	2°57	11°27	17° 6	16°21	26°41	2°32	15° 8	14°48	10°R 7	11°38	1°19	4°47	F 28
S 29	12 29 43	8°57'23	23°35	1°56	11°37	17°54	16°35	26°47	2°34	15°11	14°47	10° 6	11°35	1°26	4°50	S 29
S 30	12 33 39	9°57'35	7♒30	1° 0	11°45	18°41	16°49	26°53	2°36	15°13	14°47	10° 4	11°32	1°33	4°54	S 30
M31	12 37 36	10♈57'44	21♒51	0♈ 8	11♉51	19♈28	17♓ 3	26♒59	2♒38	15♈15	14♌46	10♏ 1	11♏29	1♎39	4♉57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s29	17s54	4n32	2s36	0s51	12n32	2n40	2s30	0s55	8s23	0s41	13s59	0s32	20s 7	0s27	4n31	1s 7	16n59	0n54	15s14	15s37	2s40	12n19	0s15
S 2	7 6	15 21	4 57	1 48	0 41	12 58	2 48	2 11	0 54	8 18	0 41	13 57	0 32	20 6	0 27	4 32	1 7	16 59	0 54	15 12	15 36	2 42	12 20	0 15
M 3	6 43	11 45	5 5	1 1	0 30	13 23	2 57	1 52	0 54	8 13	0 41	13 54	0 32	20 5	0 27	4 33	1 7	17 0	0 54	15 9	15 35	2 44	12 21	0 15
T 4	6 20	7 21	4 52	0 13	0 18	13 48	3 5	1 33	0 53	8 7	0 41	13 52	0 32	20 5	0 27	4 33	1 7	17 0	0 54	15 7	15 34	2 46	12 22	0 15
W 5	5 57	2 24	4 18	0n34	0 6	14 13	3 14	1 14	0 53	8 2	0 41	13 50	0 32	20 4	0 27	4 34	1 7	17 0	0 54	15 4	15 33	2 48	12 22	0 16
T 6	5 34	2n43	3 26	1 19	0n 7	14 37	3 22	0 54	0 52	7 57	0 41	13 48	0 32	20 4	0 27	4 35	1 7	17 1	0 54	15 2	15 32	2 50	12 23	0 16
F 7	5 10	7 39	2 19	2 4	0 21	15 1	3 31	0 35	0 52	7 51	0 41	13 46	0 32	20 3	0 27	4 36	1 7	17 1	0 54	15 0	15 31	2 52	12 24	0 16
S 8	4 47	12 1	1 4	2 47	0 35	15 24	3 40	0 16	0 51	7 46	0 41	13 44	0 32	20 2	0 27	4 36	1 7	17 1	0 54	14 59	15 30	2 54	12 25	0 16
S 9	4 23	15 32	0s14	3 28	0 50	15 47	3 49	0n 3	0 51	7 41	0 42	13 41	0 32	20 2	0 27	4 37	1 6	17 2	0 54	14 59	15 30	2 57	12 26	0 16
M10	4 0	18 0	1 28	4 7	1 5	16 10	3 58	0 22	0 50	7 35	0 42	13 39	0 33	20 1	0 27	4 38	1 6	17 2	0 54	14 59	15 29	2 59	12 27	0 16
T 11	3 36	19 21	2 36	4 43	1 20	16 32	4 7	0 41	0 50	7 30	0 42	13 37	0 33	20 1	0 27	4 39	1 6	17 2	0 54	14 59	15 28	3 1	12 28	0 16
W12	3 12	19 34	3 33	5 16	1 35	16 54	4 16	1 1	0 49	7 25	0 42	13 35	0 33	20 0	0 27	4 40	1 6	17 3	0 54	15 0	15 27	3 3	12 28	0 16
T 13	2 49	18 44	4 17	5 45	1 50	17 16	4 25	1 20	0 49	7 19	0 42	13 33	0 33	19 59	0 27	4 41	1 6	17 3	0 54	14 59	15 26	3 5	12 29	0 16
F 14	2 25	17 0	4 48	6 11	2 5	17 37	4 34	1 39	0 48	7 14	0 42	13 31	0 33	19 59	0 27	4 41	1 6	17 3	0 54	14 58	15 25	3 7	12 30	0 16
S 15	2 1	14 30	5 5	6 32	2 20	17 57	4 43	1 58	0 48	7 9	0 42	13 29	0 33	19 58	0 28	4 42	1 6	17 4	0 54	14 56	15 24	3 9	12 31	0 16
S 16	1 37	11 24	5 7	6 49	2 34	18 17	4 52	2 17	0 47	7 4	0 42	13 27	0 33	19 58	0 28	4 43	1 6	17 4	0 54	14 54	15 23	3 11	12 32	0 16
M17	1 14	7 53	4 56	7 1	2 47	18 36	5 1	2 36	0 47	6 58	0 42	13 25	0 33	19 57	0 28	4 44	1 6	17 4	0 55	14 52	15 22	3 13	12 33	0 16
T 18	0 50	4 4	4 32	7 8	2 59	18 55	5 11	2 55	0 46	6 53	0 42	13 23	0 33	19 57	0 28	4 45	1 6	17 5	0 55	14 49	15 21	3 15	12 34	0 16
W19	0 26	0 7	3 57	7 10	3 10	19 13	5 20	3 14	0 46	6 48	0 42	13 20	0 33	19 56	0 28	4 46	1 6	17 5	0 55	14 47	15 20	3 17	12 35	0 16
T 20	0 2	3s49	3 11	7 7	3 19	19 31	5 29	3 33	0 45	6 42	0 43	13 18	0 33	19 56	0 28	4 46	1 6	17 5	0 55	14 44	15 19	3 19	12 36	0 17
F 21	0n22	7 37	2 16	6 59	3 26	19 48	5 38	3 51	0 45	6 37	0 43	13 16	0 34	19 55	0 28	4 47	1 6	17 6	0 55	14 43	15 18	3 21	12 37	0 17
S 22	0 46	11 7	1 16	6 46	3 31	20 4	5 47	4 10	0 44	6 32	0 43	13 14	0 34	19 55	0 28	4 48	1 6	17 6	0 55	14 42	15 17	3 23	12 38	0 17
S 23	1 9	14 11	0 12	6 28	3 35	20 20	5 56	4 29	0 44	6 26	0 43	13 12	0 34	19 54	0 28	4 49	1 6	17 6	0 55	14 41	15 16	3 25	12 39	0 17
M24	1 33	16 41	0n53	6 7	3 36	20 35	6 5	4 48	0 43	6 21	0 43	13 10	0 34	19 54	0 28	4 50	1 6	17 7	0 55	14 42	15 15	3 27	12 40	0 17
T 25	1 57	18 28	1 57	5 42	3 35	20 49	6 14	5 6	0 42	6 16	0 43	13 8	0 34	19 53	0 28	4 51	1 6	17 7	0 55	14 42	15 14	3 29	12 41	0 17
W26	2 20	19 23	2 57	5 14	3 31	21 3	6 22	5 25	0 42	6 11	0 43	13 7	0 34	19 53	0 28	4 52	1 6	17 7	0 55	14 43	15 13	3 31	12 42	0 17
T 27	2 44	19 22	3 49	4 43	3 26	21 15	6 31	5 43	0 41	6 5	0 43	13 5	0 34	19 53	0 28	4 52	1 6	17 7	0 55	14 43	15 12	3 33	12 43	0 17
F 28	3 8	18 19	4 32	4 12	3 18	21 27	6 39	6 2	0 41	6 0	0 43	13 3	0 34	19 52	0 28	4 53	1 6	17 8	0 55	14 43	15 11	3 35	12 44	0 17
S 29	3 31	16 15	5 1	3 40	3 9	21 38	6 47	6 20	0 40	5 55	0 43	13 1	0 34	19 52	0 28	4 54	1 6	17 8	0 55	14 43	15 10	3 37	12 45	0 17
S 30	3 55	13 11	5 13	3 8	2 59	21 48	6 55	6 39	0 40	5 50	0 44	12 59	0 34	19 51	0 28	4 55	1 6	17 8	0 55	14 42	15 9	3 39	12 46	0 17
M31	4n18	9s15	5n 7	2n36	2n47	21n57	7n 3	6n57	0s39	5s45	0s44	12s57	0s35	19s51	0s28	4n56	1s 6	17n 8	0n55	14s41	15s 8	3s41	12n47	0s17

Julian Day Number = 3061559.5, Delta T = 02h31m47s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'18, Lahiri = 47°16'19

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

APRIL 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 41 32	11♈57'53	6♓37	29°R21	11♉54	20♈15	17♓16	27♒ 5	2♒40	15♈18	14°R45	9°R57	11♏25	1♎46	5♉ 0	T 1
W 2	12 45 29	12°57'59	21°41	28♓40	11°R55	21° 2	17°30	27°10	2°41	15°20	14♌45	9♏53	11°22	1°53	5° 4	W 2
T 3	12 49 26	13°58'04	6♈54	28° 6	11°53	21°49	17°44	27°16	2°43	15°22	14°44	9°49	11°19	1°59	5° 7	T 3
F 4	12 53 22	14°58'08	22° 7	27°38	11°49	22°36	17°57	27°21	2°45	15°24	14°44	9°47	11°16	2° 6	5°11	F 4
S 5	12 57 19	15°58'09	7♉ 9	27°17	11°43	23°23	18°11	27°27	2°46	15°27	14°43	9°D46	11°13	2°13	5°14	S 5
S 6	13 1 15	16°58'09	21°52	27° 3	11°34	24°10	18°24	27°32	2°48	15°29	14°43	9°47	11° 9	2°19	5°18	S 6
M 7	13 5 12	17°58'07	6♊11	26°55	11°23	24°57	18°38	27°38	2°49	15°31	14°42	9°48	11° 6	2°26	5°21	M 7
T 8	13 9 8	18°58'02	20° 3	26°D54	11° 9	25°44	18°51	27°43	2°51	15°33	14°42	9°49	11° 3	2°33	5°24	T 8
W 9	13 13 5	19°57'56	3♋28	26°58	10°52	26°31	19° 4	27°48	2°52	15°36	14°41	9°51	11° 0	2°39	5°28	W 9
T 10	13 17 1	20°57'47	16°28	27° 9	10°34	27°18	19°18	27°54	2°54	15°38	14°41	9°R51	10°57	2°46	5°31	T 10
F 11	13 20 58	21°57'37	29° 6	27°25	10°12	28° 5	19°31	27°59	2°55	15°40	14°40	9°51	10°54	2°53	5°35	F 11
S 12	13 24 55	22°57'24	11♌27	27°46	9°49	28°52	19°44	28° 4	2°56	15°43	14°40	9°50	10°50	2°59	5°39	S 12
S 13	13 28 51	23°57'09	23°34	28°12	9°23	29°39	19°57	28° 9	2°58	15°45	14°40	9°49	10°47	3° 6	5°42	S 13
M14	13 32 48	24°56'51	5♍32	28°43	8°56	0♉25	20°10	28°14	2°59	15°47	14°39	9°46	10°44	3°13	5°46	M14
T 15	13 36 44	25°56'32	17°24	29°18	8°26	1°12	20°23	28°19	3° 0	15°49	14°39	9°44	10°41	3°19	5°49	T 15
W16	13 40 41	26°56'11	29°14	29°57	7°55	1°59	20°36	28°24	3° 1	15°52	14°39	9°42	10°38	3°26	5°53	W16
T 17	13 44 37	27°55'47	11♎ 3	0♈41	7°22	2°45	20°49	28°28	3° 2	15°54	14°38	9°40	10°35	3°33	5°56	T 17
F 18	13 48 34	28°55'22	22°55	1°27	6°47	3°32	21° 2	28°33	3° 3	15°56	14°38	9°39	10°31	3°39	6° 0	F 18
S 19	13 52 30	29°54'54	4♏51	2°17	6°12	4°19	21°15	28°38	3° 4	15°58	14°38	9°D39	10°28	3°46	6° 3	S 19
S 20	13 56 27	0♉54'25	16°54	3°11	5°36	5° 5	21°27	28°42	3° 5	16° 1	14°38	9°39	10°25	3°53	6° 7	S 20
M21	14 0 23	1°53'54	29° 5	4° 7	4°59	5°52	21°40	28°47	3° 6	16° 3	14°38	9°39	10°22	3°59	6°11	M21
T 22	14 4 20	2°53'21	11♐27	5° 6	4°21	6°38	21°52	28°51	3° 7	16° 5	14°38	9°40	10°19	4° 6	6°14	T 22
W23	14 8 17	3°52'46	24° 1	6° 8	3°43	7°25	22° 5	28°55	3° 7	16° 7	14°37	9°41	10°15	4°13	6°18	W23
T 24	14 12 13	4°52'10	6♑51	7°12	3° 6	8°11	22°17	28°59	3° 8	16° 9	14°37	9°41	10°12	4°19	6°22	T 24
F 25	14 16 10	5°51'32	19°57	8°19	2°28	8°57	22°30	29° 4	3° 9	16°12	14°37	9°42	10° 9	4°26	6°25	F 25
S 26	14 20 6	6°50'52	3♒23	9°28	1°52	9°44	22°42	29° 8	3° 9	16°14	14°37	9°R42	10° 6	4°33	6°29	S 26
S 27	14 24 3	7°50'11	17° 9	10°40	1°16	10°30	22°54	29°12	3°10	16°16	14°D37	9°42	10° 3	4°39	6°32	S 27
M28	14 27 59	8°49'28	1♓16	11°53	0°41	11°16	23° 6	29°16	3°10	16°18	14°37	9°42	10° 0	4°46	6°36	M28
T 29	14 31 56	9°48'43	15°43	13° 9	0° 8	12° 2	23°18	29°19	3°11	16°20	14°37	9°D42	9°56	4°53	6°40	T 29
W30	14 35 52	10♉47'56	0♈26	14♈27	29♈36	12♉49	23♓30	29♒23	3♒11	16♈22	14♌37	9♏42	9♏53	4♎59	6♉43	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n41	4s39	4n40	2n 6	2n34	22n 5	7n11	7n15	0s38	5s39	0s44	12s55	0s35	19s51	0s28	4n57	1s 6	17n 8	0n55	14s40	15s 7	3s43	12n48	0s17
W 2	5 5	0n19	3 54	1 37	2 20	22 12	7 18	7 33	0 38	5 34	0 44	12 53	0 35	19 50	0 28	4 58	1 6	17 9	0 55	14 39	15 6	3 45	12 49	0 17
T 3	5 28	5 20	2 51	1 10	2 6	22 18	7 24	7 51	0 37	5 29	0 44	12 52	0 35	19 50	0 28	4 58	1 6	17 9	0 55	14 38	15 5	3 47	12 50	0 17
F 4	5 51	10 1	1 36	0 46	1 51	22 23	7 31	8 9	0 37	5 24	0 44	12 50	0 35	19 49	0 28	4 59	1 6	17 9	0 55	14 37	15 4	3 49	12 51	0 17
S 5	6 14	14 0	0 14	0 24	1 36	22 27	7 37	8 27	0 36	5 19	0 44	12 48	0 35	19 49	0 28	5 0	1 6	17 9	0 55	14 37	15 3	3 51	12 52	0 18
S 6	6 36	17 0	1s 6	0 4	1 21	22 29	7 42	8 44	0 35	5 14	0 44	12 46	0 35	19 49	0 28	5 1	1 6	17 10	0 55	14 37	15 2	3 53	12 53	0 18
M 7	6 59	18 50	2 21	0s12	1 6	22 30	7 47	9 2	0 35	5 9	0 45	12 44	0 35	19 48	0 28	5 2	1 6	17 10	0 56	14 37	15 1	3 55	12 55	0 18
T 8	7 22	19 27	3 24	0 26	0 51	22 30	7 52	9 20	0 34	5 3	0 45	12 43	0 35	19 48	0 28	5 3	1 6	17 10	0 56	14 38	15 0	3 57	12 56	0 18
W 9	7 44	18 56	4 15	0 38	0 37	22 29	7 56	9 37	0 34	4 58	0 45	12 41	0 36	19 48	0 28	5 4	1 6	17 10	0 56	14 38	15 0	3 59	12 57	0 18
T 10	8 7	17 25	4 50	0 47	0 23	22 26	7 59	9 54	0 33	4 53	0 45	12 39	0 36	19 48	0 28	5 5	1 6	17 10	0 56	14 38	14 59	4 1	12 58	0 18
F 11	8 29	15 5	5 11	0 53	0 9	22 21	8 1	10 12	0 32	4 48	0 45	12 38	0 36	19 47	0 28	5 5	1 7	17 10	0 56	14 38	14 58	4 3	12 59	0 18
S 12	8 51	12 7	5 16	0 57	0s 4	22 15	8 3	10 29	0 32	4 43	0 45	12 36	0 36	19 47	0 28	5 6	1 7	17 11	0 56	14 38	14 57	4 5	13 0	0 18
S 13	9 13	8 42	5 7	0 58	0 17	22 8	8 4	10 46	0 31	4 38	0 45	12 34	0 36	19 47	0 28	5 7	1 7	17 11	0 56	14 37	14 56	4 7	13 1	0 18
M14	9 34	4 58	4 45	0 57	0 29	21 59	8 5	11 2	0 31	4 33	0 45	12 33	0 36	19 47	0 28	5 8	1 7	17 11	0 56	14 37	14 55	4 9	13 2	0 18
T 15	9 56	1 5	4 11	0 54	0 41	21 49	8 4	11 19	0 30	4 28	0 46	12 31	0 36	19 46	0 28	5 9	1 7	17 11	0 56	14 36	14 54	4 11	13 3	0 18
W16	10 17	2s51	3 26	0 49	0 52	21 37	8 3	11 36	0 29	4 24	0 46	12 30	0 36	19 46	0 28	5 10	1 7	17 11	0 56	14 35	14 53	4 13	13 4	0 18
T 17	10 39	6 40	2 32	0 42	1 3	21 24	8 0	11 52	0 29	4 19	0 46	12 28	0 37	19 46	0 29	5 10	1 7	17 11	0 56	14 35	14 52	4 15	13 5	0 18
F 18	11 0	10 15	1 32	0 32	1 13	21 10	7 57	12 9	0 28	4 14	0 46	12 27	0 37	19 46	0 29	5 11	1 7	17 11	0 56	14 34	14 51	4 17	13 7	0 18
S 19	11 20	13 26	0 27	0 21	1 22	20 54	7 53	12 25	0 27	4 9	0 46	12 25	0 37	19 46	0 29	5 12	1 7	17 11	0 56	14 34	14 50	4 19	13 8	0 19
S 20	11 41	16 5	0n40	0 9	1 31	20 37	7 48	12 41	0 27	4 4	0 46	12 24	0 37	19 45	0 29	5 13	1 7	17 11	0 56	14 34	14 49	4 21	13 9	0 19
M21	12 2	18 3	1 46	0n 6	1 39	20 19	7 42	12 57	0 26	3 59	0 46	12 22	0 37	19 45	0 29	5 14	1 7	17 12	0 56	14 34	14 48	4 23	13 10	0 19
T 22	12 22	19 11	2 48	0 22	1 47	20 0	7 36	13 12	0 25	3 55	0 47	12 21	0 37	19 45	0 29	5 15	1 7	17 12	0 56	14 35	14 47	4 25	13 11	0 19
W23	12 42	19 23	3 42	0 40	1 54	19 40	7 28	13 28	0 25	3 50	0 47	12 20	0 37	19 45	0 29	5 15	1 7	17 12	0 56	14 35	14 46	4 27	13 12	0 19
T 24	13 2	18 36	4 27	0 59	2 1	19 19	7 20	13 44	0 24	3 45	0 47	12 18	0 37	19 45	0 29	5 16	1 7	17 12	0 56	14 35	14 45	4 29	13 13	0 19
F 25	13 21	16 49	4 59	1 19	2 7	18 57	7 10	13 59	0 23	3 40	0 47	12 17	0 38	19 45	0 29	5 17	1 7	17 12	0 56	14 35	14 44	4 31	13 14	0 19
S 26	13 41	14 6	5 16	1 41	2 13	18 35	7 1	14 14	0 23	3 36	0 47	12 16	0 38	19 45	0 29	5 18	1 7	17 12	0 56	14 35	14 43	4 33	13 15	0 19
S 27	14 0	10 32	5 15	2 4	2 18	18 13	6 50	14 29	0 22	3 31	0 47	12 14	0 38	19 44	0 29	5 19	1 7	17 12	0 56	14 35	14 42	4 35	13 17	0 19
M28	14 19	6 19	4 56	2 28	2 22	17 50	6 39	14 44	0 22	3 26	0 47	12 13	0 38	19 44	0 29	5 19	1 7	17 12	0 56	14 35	14 41	4 37	13 18	0 19
T 29	14 37	1 37	4 17	2 54	2 26	17 27	6 27	14 59	0 21	3 22	0 48	12 12	0 38	19 44	0 29	5 20	1 7	17 12	0 56	14 35	14 40	4 39	13 19	0 19
W30	14n56	3n15	3n21	3n20	2s30	17n 4	6n14	15n13	0s20	3s17	0s48	12s11	0s38	19s44	0s29	5n21	1s 7	17n12	0n56	14s35	14s39	4s41	13n20	0s19

Julian Day Number = 3061590.5, Delta T = 02h31m48s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'22, Lahiri = 47°16'23

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

MAY 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 39 49	11♉47'08	15♈20	15♈46	29°R 5	13♉35	23♓42	29♒27	3♒11	16♈24	14♌38	9♏42	9♏50	5♎ 6	6♉47	T 1
F 2	14 43 46	12°46'18	0♉17	17° 7	28♈36	14°21	23°54	29°30	3°12	16°26	14°38	9°42	9°47	5°13	6°50	F 2
S 3	14 47 42	13°45'26	15°10	18°30	28°10	15° 7	24° 5	29°34	3°12	16°29	14°38	9°R42	9°44	5°19	6°54	S 3
S 4	14 51 39	14°44'32	29°50	19°55	27°45	15°53	24°17	29°37	3°12	16°31	14°38	9°42	9°41	5°26	6°58	S 4
M 5	14 55 35	15°43'37	14♊12	21°22	27°23	16°39	24°29	29°41	3°12	16°33	14°38	9°41	9°37	5°33	7° 1	M 5
T 6	14 59 32	16°42'39	28°10	22°50	27° 3	17°25	24°40	29°44	3°12	16°35	14°38	9°40	9°34	5°39	7° 5	T 6
W 7	15 3 28	17°41'39	11♋42	24°20	26°45	18°11	24°51	29°47	3°R12	16°37	14°39	9°40	9°31	5°46	7° 8	W 7
T 8	15 7 25	18°40'37	24°49	25°52	26°29	18°56	25° 3	29°50	3°12	16°39	14°39	9°39	9°28	5°53	7°12	T 8
F 9	15 11 21	19°39'32	7♌33	27°25	26°16	19°42	25°14	29°53	3°12	16°41	14°39	9°38	9°25	5°59	7°15	F 9
S 10	15 15 18	20°38'26	19°57	29° 0	26° 5	20°28	25°25	29°56	3°12	16°43	14°39	9°D38	9°21	6° 6	7°19	S 10
S 11	15 19 15	21°37'17	2♍ 5	0♉36	25°57	21°14	25°36	29°59	3°12	16°45	14°40	9°38	9°18	6°13	7°22	S 11
M12	15 23 11	22°36'06	14° 2	2°14	25°51	21°59	25°47	0♓ 1	3°11	16°47	14°40	9°39	9°15	6°19	7°26	M12
T 13	15 27 8	23°34'52	25°53	3°54	25°48	22°45	25°57	0° 4	3°11	16°49	14°41	9°40	9°12	6°26	7°29	T 13
W14	15 31 4	24°33'37	7♎42	5°35	25°D47	23°30	26° 8	0° 7	3°11	16°50	14°41	9°41	9° 9	6°33	7°33	W14
T 15	15 35 1	25°32'20	19°32	7°18	25°48	24°16	26°19	0° 9	3°10	16°52	14°41	9°42	9° 6	6°39	7°36	T 15
F 16	15 38 57	26°31'00	1♏28	9° 3	25°52	25° 1	26°29	0°11	3°10	16°54	14°42	9°43	9° 2	6°46	7°40	F 16
S 17	15 42 54	27°29'39	13°33	10°49	25°58	25°47	26°39	0°14	3° 9	16°56	14°42	9°R43	8°59	6°53	7°43	S 17
S 18	15 46 50	28°28'16	25°48	12°37	26° 6	26°32	26°50	0°16	3° 9	16°58	14°43	9°43	8°56	6°59	7°47	S 18
M19	15 50 47	29°26'51	8♐15	14°26	26°17	27°18	27° 0	0°18	3° 8	17° 0	14°43	9°41	8°53	7° 6	7°50	M19
T 20	15 54 44	0♊25'24	20°55	16°17	26°29	28° 3	27°10	0°20	3° 8	17° 1	14°44	9°38	8°50	7°13	7°54	T 20
W21	15 58 40	1°23'55	3♑48	18°10	26°44	28°48	27°20	0°22	3° 7	17° 3	14°45	9°35	8°46	7°19	7°57	W21
T 22	16 2 37	2°22'25	16°56	20° 5	27° 1	29°33	27°29	0°24	3° 6	17° 5	14°45	9°32	8°43	7°26	8° 0	T 22
F 23	16 6 33	3°20'53	0♒17	22° 1	27°19	0♊18	27°39	0°25	3° 5	17° 7	14°46	9°29	8°40	7°33	8° 4	F 23
S 24	16 10 30	4°19'20	13°52	23°59	27°39	1° 3	27°49	0°27	3° 5	17° 8	14°46	9°26	8°37	7°39	8° 7	S 24
S 25	16 14 26	5°17'45	27°40	25°58	28° 2	1°48	27°58	0°28	3° 4	17°10	14°47	9°25	8°34	7°46	8°10	S 25
M26	16 18 23	6°16'08	11♓40	27°59	28°26	2°33	28° 7	0°30	3° 3	17°12	14°48	9°D25	8°31	7°53	8°14	M26
T 27	16 22 19	7°14'31	25°53	0♊ 2	28°51	3°18	28°16	0°31	3° 2	17°13	14°49	9°26	8°27	7°59	8°17	T 27
W28	16 26 16	8°12'51	10♈15	2° 6	29°19	4° 3	28°26	0°32	3° 1	17°15	14°49	9°27	8°24	8° 6	8°20	W28
T 29	16 30 13	9°11'11	24°44	4°11	29°47	4°48	28°34	0°33	3° 0	17°17	14°50	9°29	8°21	8°13	8°23	T 29
F 30	16 34 9	10° 9'28	9♉16	6°18	0♉18	5°33	28°43	0°34	2°59	17°18	14°51	9°R29	8°18	8°19	8°27	F 30
S 31	16 38 6	11♊ 7'45	23♉46	8♊26	0♉50	6♊18	28♓52	0♓35	2♒57	17♈20	14♌52	9♏29	8♏15	8♎26	8♉30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n14	8n 0	2n11	3n48	2s33	16n41	6n 1	15n28	0s20	3s13	0s48	12s10	0s38	19s44	0s29	5n22	1s 7	17n12	0n56	14s35	14s38	4s43	13n21	0s19
F 2	15 32	12 17	0 52	4 16	2 35	16 18	5 48	15 42	0 19	3 8	0 48	12 9	0 38	19 44	0 29	5 23	1 7	17 12	0 57	14 35	14 37	4 45	13 22	0 19
S 3	15 50	15 45	0s30	4 46	2 37	15 56	5 34	15 56	0 18	3 4	0 48	12 7	0 39	19 44	0 29	5 23	1 7	17 12	0 57	14 35	14 36	4 46	13 23	0 20
S 4	16 7	18 9	1 50	5 16	2 39	15 34	5 20	16 10	0 18	3 0	0 48	12 6	0 39	19 44	0 29	5 24	1 7	17 12	0 57	14 35	14 35	4 48	13 24	0 20
M 5	16 24	19 19	3 0	5 47	2 40	15 13	5 6	16 23	0 17	2 55	0 49	12 5	0 39	19 44	0 29	5 25	1 7	17 12	0 57	14 35	14 34	4 50	13 25	0 20
T 6	16 41	19 15	3 58	6 19	2 40	14 52	4 52	16 37	0 16	2 51	0 49	12 4	0 39	19 44	0 29	5 26	1 7	17 12	0 57	14 35	14 33	4 52	13 26	0 20
W 7	16 57	18 3	4 41	6 52	2 40	14 32	4 38	16 50	0 16	2 47	0 49	12 3	0 39	19 44	0 29	5 26	1 7	17 12	0 57	14 35	14 32	4 54	13 28	0 20
T 8	17 13	15 56	5 7	7 26	2 39	14 13	4 23	17 3	0 15	2 42	0 49	12 2	0 39	19 44	0 29	5 27	1 7	17 12	0 57	14 34	14 31	4 56	13 29	0 20
F 9	17 29	13 6	5 17	8 0	2 38	13 55	4 9	17 16	0 14	2 38	0 49	12 2	0 39	19 44	0 29	5 28	1 7	17 12	0 57	14 34	14 30	4 58	13 30	0 20
S 10	17 45	9 45	5 12	8 35	2 36	13 38	3 54	17 29	0 14	2 34	0 50	12 1	0 39	19 44	0 29	5 29	1 7	17 12	0 57	14 34	14 29	5 0	13 31	0 20
S 11	18 0	6 4	4 53	9 10	2 34	13 21	3 40	17 42	0 13	2 30	0 50	12 0	0 40	19 44	0 29	5 29	1 7	17 12	0 57	14 34	14 28	5 2	13 32	0 20
M12	18 15	2 11	4 22	9 46	2 32	13 6	3 26	17 54	0 12	2 26	0 50	11 59	0 40	19 45	0 29	5 30	1 7	17 12	0 57	14 34	14 27	5 4	13 33	0 20
T 13	18 30	1s45	3 40	10 22	2 28	12 52	3 12	18 6	0 12	2 22	0 50	11 58	0 40	19 45	0 29	5 31	1 7	17 12	0 57	14 35	14 26	5 6	13 34	0 20
W14	18 44	5 36	2 48	10 59	2 25	12 38	2 58	18 18	0 11	2 18	0 50	11 57	0 40	19 45	0 29	5 31	1 7	17 11	0 57	14 35	14 25	5 8	13 35	0 20
T 15	18 58	9 16	1 49	11 36	2 21	12 26	2 44	18 30	0 10	2 14	0 50	11 57	0 40	19 45	0 29	5 32	1 7	17 11	0 57	14 35	14 24	5 10	13 36	0 20
F 16	19 12	12 36	0 46	12 14	2 16	12 15	2 31	18 42	0 10	2 10	0 51	11 56	0 40	19 45	0 29	5 33	1 7	17 11	0 57	14 36	14 23	5 12	13 37	0 21
S 17	19 25	15 26	0n21	12 52	2 11	12 5	2 17	18 53	0 9	2 6	0 51	11 55	0 40	19 45	0 30	5 33	1 7	17 11	0 57	14 36	14 22	5 14	13 38	0 21
S 18	19 38	17 37	1 28	13 30	2 5	11 56	2 4	19 4	0 8	2 2	0 51	11 55	0 41	19 45	0 30	5 34	1 7	17 11	0 57	14 36	14 21	5 16	13 39	0 21
M19	19 51	19 0	2 31	14 8	1 59	11 48	1 52	19 15	0 8	1 58	0 51	11 54	0 41	19 46	0 30	5 35	1 7	17 11	0 57	14 35	14 20	5 17	13 40	0 21
T 20	20 3	19 27	3 28	14 46	1 53	11 41	1 39	19 26	0 7	1 54	0 51	11 54	0 41	19 46	0 30	5 35	1 7	17 11	0 57	14 34	14 19	5 19	13 41	0 21
W21	20 15	18 55	4 16	15 24	1 46	11 34	1 27	19 37	0 6	1 51	0 52	11 53	0 41	19 46	0 30	5 36	1 7	17 11	0 57	14 33	14 18	5 21	13 42	0 21
T 22	20 27	17 21	4 51	16 1	1 38	11 29	1 15	19 47	0 6	1 47	0 52	11 53	0 41	19 46	0 30	5 37	1 7	17 11	0 57	14 32	14 17	5 23	13 43	0 21
F 23	20 38	14 51	5 10	16 39	1 30	11 25	1 4	19 57	0 5	1 43	0 52	11 52	0 41	19 46	0 30	5 37	1 7	17 10	0 57	14 31	14 16	5 25	13 44	0 21
S 24	20 49	11 30	5 14	17 16	1 22	11 22	0 53	20 7	0 4	1 40	0 52	11 52	0 41	19 47	0 30	5 38	1 7	17 10	0 57	14 30	14 15	5 27	13 45	0 21
S 25	20 59	7 29	4 59	17 53	1 13	11 20	0 42	20 17	0 4	1 36	0 52	11 51	0 42	19 47	0 30	5 39	1 8	17 10	0 57	14 30	14 14	5 29	13 46	0 21
M26	21 10	3 1	4 26	18 29	1 4	11 18	0 31	20 26	0 3	1 33	0 53	11 51	0 42	19 47	0 30	5 39	1 8	17 10	0 57	14 30	14 13	5 31	13 47	0 21
T 27	21 19	1n42	3 37	19 5	0 55	11 18	0 21	20 35	0 2	1 29	0 53	11 51	0 42	19 47	0 30	5 40	1 8	17 10	0 58	14 30	14 12	5 33	13 48	0 21
W28	21 29	6 23	2 34	19 39	0 45	11 18	0 11	20 44	0 2	1 26	0 53	11 50	0 42	19 48	0 30	5 40	1 8	17 10	0 58	14 31	14 11	5 35	13 49	0 21
T 29	21 38	10 44	1 20	20 13	0 35	11 19	0 1	20 53	0 1	1 23	0 53	11 50	0 42	19 48	0 30	5 41	1 8	17 9	0 58	14 31	14 10	5 37	13 50	0 22
F 30	21 46	14 28	0 1	20 45	0 25	11 21	0s 8	21 2	0 0	1 19	0 53	11 50	0 42	19 48	0 30	5 41	1 8	17 9	0 58	14 31	14 9	5 39	13 51	0 22
S 31	21n54	17n18	1s17	21n16	0s15	11n24	0s17	21n10	0n 0	1s16	0s54	11s50	0s42	19s48	0s30	5n42	1s 8	17n 9	0n58	14s31	14s 8	5s40	13n52	0s22

Julian Day Number = 3061620.5, Delta T = 02h31m49s
Ecliptic obliquity = 23°13'21, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'27, Lahiri = 47°16'27

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

JUNE 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 42 2	12♊ 6'00	8♊ 8	10♊35	1♉23	7♊ 2	29♓ 0	0♓36	2°R56	17♈21	14♑52	9°R26	8♏12	8♎33	8♉33	S 1
M 2	16 45 59	13° 4'13	22°18	12°44	1°57	7°47	29° 9	0°37	2♒55	17°23	14°53	9♏22	8° 8	8°39	8°36	M 2
T 3	16 49 55	14° 2'25	6♋ 9	14°55	2°33	8°31	29°17	0°37	2°54	17°24	14°54	9°17	8° 5	8°46	8°39	T 3
W 4	16 53 52	15° 0'35	19°40	17° 5	3°10	9°16	29°25	0°38	2°52	17°26	14°55	9°12	8° 2	8°53	8°42	W 4
T 5	16 57 48	15°58'43	2♌48	19°16	3°48	10° 0	29°33	0°38	2°51	17°27	14°56	9° 6	7°59	8°59	8°45	T 5
F 6	17 1 45	16°56'49	15°34	21°27	4°27	10°45	29°41	0°39	2°50	17°28	14°57	9° 1	7°56	9° 6	8°48	F 6
S 7	17 5 42	17°54'54	28° 0	23°37	5° 8	11°29	29°49	0°39	2°48	17°30	14°58	8°58	7°52	9°13	8°51	S 7
S 8	17 9 38	18°52'56	10♍10	25°47	5°49	12°14	29°56	0°39	2°47	17°31	14°59	8°56	7°49	9°19	8°54	S 8
M 9	17 13 35	19°50'57	22° 8	27°55	6°31	12°58	0♈ 4	0°R39	2°45	17°32	15° 0	8°D55	7°46	9°26	8°57	M 9
T 10	17 17 31	20°48'56	3♎59	0♋ 2	7°15	13°42	0°11	0°39	2°44	17°34	15° 1	8°56	7°43	9°33	9° 0	T 10
W11	17 21 28	21°46'53	15°48	2° 8	7°59	14°26	0°18	0°39	2°42	17°35	15° 2	8°57	7°40	9°39	9° 3	W11
T 12	17 25 24	22°44'49	27°40	4°11	8°44	15°10	0°25	0°38	2°40	17°36	15° 3	8°59	7°37	9°46	9° 6	T 12
F 13	17 29 21	23°42'43	9♏40	6°13	9°30	15°54	0°32	0°38	2°39	17°37	15° 4	8°R59	7°33	9°53	9° 8	F 13
S 14	17 33 17	24°40'36	21°52	8°12	10°17	16°38	0°39	0°38	2°37	17°38	15° 5	8°58	7°30	9°59	9°11	S 14
S 15	17 37 14	25°38'27	4♐19	10° 9	11° 5	17°22	0°45	0°37	2°35	17°39	15° 6	8°56	7°27	10° 6	9°14	S 15
M16	17 41 11	26°36'16	17° 2	12° 4	11°53	18° 6	0°52	0°36	2°33	17°41	15° 7	8°51	7°24	10°13	9°17	M16
T 17	17 45 7	27°34'05	0♑ 2	13°56	12°42	18°50	0°58	0°36	2°31	17°42	15° 8	8°44	7°21	10°19	9°19	T 17
W18	17 49 4	28°31'52	13°19	15°45	13°32	19°34	1° 4	0°35	2°30	17°43	15° 9	8°36	7°18	10°26	9°22	W18
T 19	17 53 0	29°29'37	26°51	17°31	14°23	20°18	1°10	0°34	2°28	17°44	15°11	8°27	7°14	10°33	9°25	T 19
F 20	17 56 57	0♒27'22	10♒36	19°14	15°14	21° 1	1°16	0°33	2°26	17°45	15°12	8°20	7°11	10°39	9°27	F 20
S 21	18 0 53	1°25'05	24°30	20°54	16° 6	21°45	1°21	0°32	2°24	17°46	15°13	8°13	7° 8	10°46	9°30	S 21
S 22	18 4 50	2°22'48	8♓31	22°31	16°58	22°28	1°27	0°30	2°22	17°47	15°14	8° 9	7° 5	10°53	9°32	S 22
M23	18 8 46	3°20'29	22°36	24° 6	17°51	23°12	1°32	0°29	2°20	17°47	15°15	8° 6	7° 2	10°59	9°35	M23
T 24	18 12 43	4°18'10	6♈45	25°37	18°45	23°55	1°37	0°28	2°18	17°48	15°17	8°D 6	6°58	11° 6	9°37	T 24
W25	18 16 40	5°15'50	20°54	27° 5	19°39	24°39	1°42	0°26	2°16	17°49	15°18	8° 6	6°55	11°13	9°39	W25
T 26	18 20 36	6°13'29	5♉ 4	28°29	20°34	25°22	1°47	0°25	2°14	17°50	15°19	8°R 7	6°52	11°19	9°42	T 26
F 27	18 24 33	7°11'07	19°11	29°51	21°29	26° 5	1°51	0°23	2°12	17°51	15°21	8° 7	6°49	11°26	9°44	F 27
S 28	18 28 29	8° 8'45	3♊15	1♌ 9	22°24	26°49	1°56	0°21	2° 9	17°51	15°22	8° 4	6°46	11°33	9°46	S 28
S 29	18 32 26	9° 6'21	17°13	2°24	23°21	27°32	2° 0	0°19	2° 7	17°52	15°23	7°59	6°43	11°39	9°48	S 29
M30	18 36 22	10♋ 3'57	1♋ 0	3♌36	24♉17	28♊15	2♈ 4	0♓17	2♒ 5	17♈53	15♑25	7♏52	6♏39	11♎46	9♉51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	18n59	2s30	21n46	0s 4	11n27	0s26	21n18	0n 1	1s13	0s54	11s50	0s43	19s49	0s30	5n43	1s 8	17n 9	0n58	14s30	14s 7	5s42	13n53	0s22
M 2	22 10	19 28	3 33	22 13	0n 6	11 31	0 34	21 26	0 2	1 10	0 54	11 49	0 43	19 49	0 30	5 43	1 8	17 9	0 58	14 29	14 6	5 44	13 54	0 22
T 3	22 17	18 44	4 21	22 39	0 17	11 35	0 42	21 34	0 2	1 7	0 54	11 49	0 43	19 49	0 30	5 44	1 8	17 8	0 58	14 28	14 5	5 46	13 55	0 22
W 4	22 23	16 57	4 54	23 3	0 27	11 40	0 50	21 41	0 3	1 4	0 55	11 49	0 43	19 50	0 30	5 44	1 8	17 8	0 58	14 26	14 4	5 48	13 55	0 22
T 5	22 30	14 20	5 9	23 25	0 37	11 46	0 58	21 49	0 4	1 1	0 55	11 49	0 43	19 50	0 30	5 45	1 8	17 8	0 58	14 24	14 3	5 50	13 56	0 22
F 6	22 35	11 6	5 9	23 44	0 47	11 52	1 5	21 56	0 4	0 58	0 55	11 49	0 43	19 50	0 30	5 45	1 8	17 8	0 58	14 22	14 2	5 52	13 57	0 22
S 7	22 41	7 27	4 54	24 1	0 57	11 59	1 12	22 2	0 5	0 55	0 55	11 49	0 44	19 51	0 30	5 46	1 8	17 7	0 58	14 21	14 1	5 54	13 58	0 22
S 8	22 46	3 34	4 26	24 16	1 6	12 6	1 19	22 9	0 6	0 52	0 56	11 50	0 44	19 51	0 30	5 46	1 8	17 7	0 58	14 21	14 0	5 56	13 59	0 22
M 9	22 50	0s24	3 47	24 27	1 15	12 14	1 25	22 15	0 6	0 50	0 56	11 50	0 44	19 51	0 30	5 46	1 8	17 7	0 58	14 21	13 59	5 58	14 0	0 23
T 10	22 54	4 18	2 59	24 37	1 23	12 22	1 32	22 21	0 7	0 47	0 56	11 50	0 44	19 52	0 30	5 47	1 8	17 7	0 58	14 21	13 57	5 59	14 1	0 23
W11	22 58	8 3	2 3	24 44	1 31	12 30	1 38	22 27	0 8	0 44	0 56	11 50	0 44	19 52	0 30	5 47	1 8	17 6	0 58	14 21	13 56	6 1	14 1	0 23
T 12	23 2	11 30	1 1	24 48	1 38	12 39	1 43	22 33	0 8	0 42	0 56	11 50	0 44	19 53	0 30	5 48	1 8	17 6	0 58	14 22	13 55	6 3	14 2	0 23
F 13	23 4	14 31	0n 4	24 49	1 45	12 48	1 49	22 38	0 9	0 39	0 57	11 51	0 44	19 53	0 30	5 48	1 8	17 6	0 58	14 22	13 54	6 5	14 3	0 23
S 14	23 7	16 57	1 9	24 49	1 50	12 58	1 54	22 43	0 10	0 37	0 57	11 51	0 45	19 53	0 30	5 49	1 8	17 6	0 58	14 22	13 53	6 7	14 4	0 23
S 15	23 9	18 38	2 13	24 45	1 55	13 8	1 59	22 48	0 10	0 35	0 57	11 51	0 45	19 54	0 30	5 49	1 8	17 5	0 58	14 21	13 52	6 9	14 5	0 23
M16	23 11	19 26	3 11	24 40	2 0	13 18	2 4	22 53	0 11	0 32	0 57	11 52	0 45	19 54	0 30	5 49	1 8	17 5	0 58	14 19	13 51	6 11	14 5	0 23
T 17	23 12	19 13	4 0	24 32	2 3	13 28	2 8	22 57	0 12	0 30	0 58	11 52	0 45	19 55	0 30	5 50	1 8	17 5	0 58	14 17	13 50	6 13	14 6	0 23
W18	23 13	17 57	4 38	24 23	2 6	13 39	2 13	23 1	0 12	0 28	0 58	11 52	0 45	19 55	0 30	5 50	1 8	17 5	0 58	14 14	13 49	6 14	14 7	0 23
T 19	23 13	15 41	5 0	24 12	2 7	13 50	2 17	23 5	0 13	0 26	0 58	11 53	0 45	19 56	0 30	5 50	1 8	17 4	0 59	14 12	13 48	6 16	14 8	0 23
F 20	23 13	12 30	5 6	23 58	2 8	14 1	2 21	23 9	0 14	0 24	0 58	11 53	0 45	19 56	0 30	5 51	1 9	17 4	0 59	14 9	13 47	6 18	14 8	0 23
S 21	23 13	8 36	4 54	23 44	2 8	14 12	2 24	23 12	0 14	0 22	0 59	11 54	0 46	19 57	0 30	5 51	1 9	17 4	0 59	14 7	13 46	6 20	14 9	0 24
S 22	23 12	4 12	4 25	23 27	2 8	14 23	2 28	23 16	0 15	0 20	0 59	11 54	0 46	19 57	0 31	5 51	1 9	17 3	0 59	14 6	13 45	6 22	14 10	0 24
M23	23 11	0n27	3 39	23 10	2 6	14 35	2 31	23 19	0 16	0 18	0 59	11 55	0 46	19 57	0 31	5 52	1 9	17 3	0 59	14 5	13 44	6 24	14 10	0 24
T 24	23 9	5 6	2 40	22 51	2 4	14 46	2 34	23 21	0 16	0 16	0 59	11 56	0 46	19 58	0 31	5 52	1 9	17 3	0 59	14 5	13 43	6 26	14 11	0 24
W25	23 7	9 30	1 31	22 31	2 0	14 58	2 37	23 24	0 17	0 15	1 0	11 56	0 46	19 58	0 31	5 52	1 9	17 2	0 59	14 5	13 42	6 27	14 12	0 24
T 26	23 5	13 21	0 16	22 11	1 56	15 10	2 39	23 26	0 18	0 13	1 0	11 57	0 46	19 59	0 31	5 52	1 9	17 2	0 59	14 5	13 41	6 29	14 12	0 24
F 27	23 2	16 25	0s59	21 49	1 51	15 22	2 42	23 28	0 18	0 12	1 0	11 58	0 46	19 59	0 31	5 53	1 9	17 2	0 59	14 5	13 40	6 31	14 13	0 24
S 28	22 58	18 29	2 10	21 27	1 46	15 33	2 44	23 30	0 19	0 10	1 1	11 59	0 47	20 0	0 31	5 53	1 9	17 1	0 59	14 4	13 39	6 33	14 14	0 24
S 29	22 55	19 25	3 13	21 4	1 39	15 45	2 46	23 31	0 20	0 9	1 1	11 59	0 47	20 0	0 31	5 53	1 9	17 1	0 59	14 3	13 38	6 35	14 14	0 24
M30	22n51	19n10	4s 4	20n40	1n32	15n57	2s48	23n33	0n20	0s 7	1s 1	12s 0	0s47	20s 1	0s31	5n53	1s 9	17n 1	0n59	14s 0	13s37	6s37	14n15	0s24

Julian Day Number = 3061651.5, Delta T = 02h31m50s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'31, Lahiri = 47°16'31

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

JULY 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 40 19	11♋ 1'32	14♋34	4♌44	25♉14	28♊58	2♈ 8	0°R15	2°R 3	17♈53	15♌26	7°R42	6♏36	11♎53	9♉53	T 1
W 2	18 44 16	11°59'06	27°52	5°49	26°12	29°41	2°11	0♓13	2♒ 1	17°54	15°27	7♏31	6°33	11°59	9°55	W 2
T 3	18 48 12	12°56'39	10♌51	6°50	27° 9	0♋24	2°15	0°11	1°58	17°55	15°29	7°21	6°30	12° 6	9°57	T 3
F 4	18 52 9	13°54'10	23°32	7°48	28° 8	1° 7	2°18	0° 9	1°56	17°55	15°30	7°11	6°27	12°13	9°59	F 4
S 5	18 56 5	14°51'41	5♍56	8°42	29° 6	1°50	2°21	0° 6	1°54	17°56	15°31	7° 3	6°24	12°19	10° 1	S 5
S 6	19 0 2	15°49'10	18° 5	9°32	0♊ 5	2°33	2°24	0° 4	1°51	17°56	15°33	6°57	6°20	12°26	10° 3	S 6
M 7	19 3 58	16°46'39	0♎ 2	10°19	1° 4	3°16	2°27	0° 1	1°49	17°57	15°34	6°53	6°17	12°33	10° 4	M 7
T 8	19 7 55	17°44'06	11°53	11° 1	2° 4	3°58	2°30	29♒59	1°47	17°57	15°36	6°52	6°14	12°39	10° 6	T 8
W 9	19 11 51	18°41'33	23°42	11°39	3° 4	4°41	2°32	29°56	1°44	17°57	15°37	6°D52	6°11	12°46	10° 8	W 9
T 10	19 15 48	19°38'58	5♏35	12°14	4° 4	5°24	2°34	29°53	1°42	17°58	15°39	6°R52	6° 8	12°52	10°10	T 10
F 11	19 19 45	20°36'23	17°37	12°43	5° 5	6° 6	2°36	29°50	1°40	17°58	15°40	6°52	6° 4	12°59	10°11	F 11
S 12	19 23 41	21°33'47	29°53	13° 9	6° 6	6°49	2°38	29°47	1°37	17°58	15°41	6°50	6° 1	13° 6	10°13	S 12
S 13	19 27 38	22°31'09	12♐27	13°30	7° 7	7°31	2°40	29°44	1°35	17°58	15°43	6°45	5°58	13°12	10°15	S 13
M14	19 31 34	23°28'32	25°22	13°47	8° 9	8°13	2°41	29°41	1°33	17°59	15°44	6°38	5°55	13°19	10°16	M14
T 15	19 35 31	24°25'53	8♑39	13°59	9°10	8°56	2°42	29°38	1°30	17°59	15°46	6°29	5°52	13°26	10°18	T 15
W16	19 39 27	25°23'14	22°18	14° 7	10°12	9°38	2°43	29°35	1°28	17°59	15°47	6°18	5°49	13°32	10°19	W16
T 17	19 43 24	26°20'34	6♒15	14°R10	11°15	10°20	2°44	29°32	1°25	17°59	15°49	6° 7	5°45	13°39	10°20	T 17
F 18	19 47 20	27°17'53	20°26	14° 8	12°17	11° 2	2°45	29°28	1°23	17°59	15°50	5°56	5°42	13°46	10°22	F 18
S 19	19 51 17	28°15'13	4♓45	14° 2	13°20	11°44	2°45	29°25	1°20	17°59	15°52	5°47	5°39	13°52	10°23	S 19
S 20	19 55 14	29°12'32	19° 8	13°52	14°23	12°27	2°46	29°21	1°18	17°R59	15°54	5°40	5°36	13°59	10°24	S 20
M21	19 59 10	0♌ 9'51	3♈29	13°37	15°27	13° 9	2°R46	29°18	1°16	17°59	15°55	5°36	5°33	14° 6	10°26	M21
T 22	20 3 7	1° 7'09	17°44	13°19	16°30	13°51	2°46	29°14	1°13	17°59	15°57	5°34	5°30	14°12	10°27	T 22
W23	20 7 3	2° 4'28	1♉53	12°56	17°34	14°32	2°45	29°11	1°11	17°59	15°58	5°34	5°26	14°19	10°28	W23
T 24	20 11 0	3° 1'47	15°53	12°30	18°38	15°14	2°45	29° 7	1° 8	17°59	16° 0	5°34	5°23	14°26	10°29	T 24
F 25	20 14 56	3°59'06	29°45	12° 1	19°42	15°56	2°44	29° 3	1° 6	17°59	16° 1	5°32	5°20	14°32	10°30	F 25
S 26	20 18 53	4°56'25	13♊28	11°30	20°46	16°38	2°43	28°59	1° 3	17°59	16° 3	5°29	5°17	14°39	10°31	S 26
S 27	20 22 49	5°53'44	27° 1	10°56	21°51	17°20	2°42	28°55	1° 1	17°58	16° 4	5°23	5°14	14°46	10°32	S 27
M28	20 26 46	6°51'03	10♋24	10°21	22°56	18° 1	2°41	28°51	0°58	17°58	16° 6	5°14	5°10	14°52	10°32	M28
T 29	20 30 43	7°48'21	23°36	9°44	24° 1	18°43	2°40	28°47	0°56	17°58	16° 8	5° 3	5° 7	14°59	10°33	T 29
W30	20 34 39	8°45'40	6♌34	9° 7	25° 6	19°24	2°38	28°43	0°54	17°58	16° 9	4°50	5° 4	15° 6	10°34	W30
T 31	20 38 36	9♌42'59	19♌19	8♌31	26♊11	20♋ 6	2♈36	28♒39	0♒51	17♈57	16♌11	4♏37	5♏ 1	15♎12	10♉35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n46	17n48	4s39	20n16	1n24	16n 9	2s50	23n34	0n21	0s 6	1s 1	12s 1	0s47	20s 1	0s31	5n53	1s 9	17n 0	0n59	13s57	13s36	6s39	14n15	0s24
W 2	22 41	15 31	4 59	19 52	1 16	16 20	2 52	23 35	0 21	0 5	1 2	12 2	0 47	20 2	0 31	5 54	1 9	17 0	0 59	13 54	13 35	6 40	14 16	0 25
T 3	22 36	12 29	5 3	19 28	1 6	16 32	2 53	23 35	0 22	0 4	1 2	12 3	0 47	20 2	0 31	5 54	1 9	17 0	0 59	13 50	13 34	6 42	14 16	0 25
F 4	22 30	8 58	4 51	19 3	0 56	16 44	2 54	23 36	0 23	0 3	1 2	12 4	0 47	20 3	0 31	5 54	1 9	16 59	0 59	13 47	13 33	6 44	14 17	0 25
S 5	22 24	5 7	4 26	18 39	0 45	16 55	2 55	23 36	0 23	0 2	1 2	12 5	0 48	20 3	0 31	5 54	1 9	16 59	0 59	13 44	13 32	6 46	14 18	0 25
S 6	22 18	1 9	3 49	18 15	0 34	17 6	2 56	23 36	0 24	0 1	1 3	12 6	0 48	20 4	0 31	5 54	1 9	16 59	0 59	13 43	13 31	6 48	14 18	0 25
M 7	22 11	2s49	3 3	17 50	0 21	17 18	2 57	23 36	0 25	0n 0	1 3	12 7	0 48	20 5	0 31	5 54	1 9	16 58	0 59	13 42	13 30	6 50	14 18	0 25
T 8	22 4	6 38	2 9	17 27	0 9	17 29	2 58	23 35	0 25	0 1	1 3	12 8	0 48	20 5	0 31	5 55	1 9	16 58	0 59	13 41	13 29	6 51	14 19	0 25
W 9	21 56	10 12	1 10	17 3	0s 5	17 40	2 58	23 34	0 26	0 2	1 3	12 9	0 48	20 6	0 31	5 55	1 9	16 57	0 59	13 41	13 28	6 53	14 19	0 25
T 10	21 48	13 22	0 7	16 40	0 19	17 50	2 59	23 33	0 26	0 2	1 4	12 10	0 48	20 6	0 31	5 55	1 9	16 57	1 0	13 41	13 27	6 55	14 20	0 25
F 11	21 40	16 1	0n57	16 18	0 33	18 1	2 59	23 32	0 27	0 3	1 4	12 11	0 48	20 7	0 31	5 55	1 9	16 57	1 0	13 41	13 26	6 57	14 20	0 25
S 12	21 31	18 0	1 59	15 57	0 48	18 11	2 59	23 31	0 28	0 3	1 4	12 12	0 49	20 7	0 31	5 55	1 10	16 56	1 0	13 40	13 24	6 59	14 21	0 26
S 13	21 22	19 9	2 57	15 36	1 4	18 22	2 59	23 29	0 28	0 4	1 5	12 13	0 49	20 8	0 31	5 55	1 10	16 56	1 0	13 39	13 23	7 1	14 21	0 26
M14	21 12	19 21	3 47	15 16	1 19	18 31	2 59	23 27	0 29	0 4	1 5	12 15	0 49	20 8	0 31	5 55	1 10	16 55	1 0	13 37	13 22	7 2	14 21	0 26
T 15	21 2	18 30	4 27	14 57	1 35	18 41	2 58	23 25	0 30	0 4	1 5	12 16	0 49	20 9	0 31	5 55	1 10	16 55	1 0	13 34	13 21	7 4	14 22	0 26
W16	20 52	16 35	4 52	14 40	1 52	18 51	2 58	23 23	0 30	0 4	1 5	12 17	0 49	20 9	0 31	5 55	1 10	16 55	1 0	13 30	13 20	7 6	14 22	0 26
T 17	20 42	13 40	5 1	14 23	2 8	19 0	2 57	23 20	0 31	0 4	1 6	12 18	0 49	20 10	0 31	5 55	1 10	16 54	1 0	13 26	13 19	7 8	14 23	0 26
F 18	20 31	9 56	4 52	14 8	2 24	19 9	2 57	23 17	0 31	0 4	1 6	12 20	0 49	20 10	0 31	5 55	1 10	16 54	1 0	13 23	13 18	7 10	14 23	0 26
S 19	20 19	5 35	4 24	13 54	2 41	19 17	2 56	23 14	0 32	0 4	1 6	12 21	0 49	20 11	0 31	5 55	1 10	16 53	1 0	13 20	13 17	7 11	14 23	0 26
S 20	20 8	0 54	3 39	13 41	2 57	19 25	2 55	23 11	0 33	0 4	1 7	12 22	0 50	20 12	0 31	5 55	1 10	16 53	1 0	13 17	13 16	7 13	14 23	0 26
M21	19 56	3n50	2 41	13 30	3 13	19 33	2 54	23 8	0 33	0 4	1 7	12 24	0 50	20 12	0 31	5 55	1 10	16 53	1 0	13 16	13 15	7 15	14 24	0 26
T 22	19 44	8 20	1 33	13 21	3 28	19 41	2 53	23 4	0 34	0 4	1 7	12 25	0 50	20 13	0 31	5 55	1 10	16 52	1 0	13 16	13 14	7 17	14 24	0 27
W23	19 31	12 19	0 19	13 13	3 42	19 48	2 51	23 0	0 34	0 3	1 7	12 26	0 50	20 13	0 31	5 55	1 10	16 52	1 0	13 15	13 13	7 19	14 24	0 27
T 24	19 18	15 35	0s54	13 7	3 56	19 55	2 50	22 56	0 35	0 3	1 8	12 28	0 50	20 14	0 31	5 55	1 10	16 51	1 0	13 15	13 12	7 20	14 24	0 27
F 25	19 5	17 53	2 4	13 2	4 9	20 2	2 49	22 52	0 36	0 2	1 8	12 29	0 50	20 14	0 31	5 55	1 10	16 51	1 0	13 15	13 11	7 22	14 25	0 27
S 26	18 51	19 8	3 6	12 59	4 21	20 8	2 47	22 48	0 36	0 2	1 8	12 31	0 50	20 15	0 31	5 54	1 10	16 51	1 0	13 14	13 10	7 24	14 25	0 27
S 27	18 38	19 15	3 56	12 58	4 32	20 13	2 45	22 43	0 37	0 1	1 8	12 32	0 50	20 15	0 31	5 54	1 10	16 50	1 0	13 12	13 9	7 26	14 25	0 27
M28	18 24	18 17	4 33	12 58	4 41	20 19	2 44	22 38	0 37	0 0	1 9	12 33	0 51	20 16	0 31	5 54	1 10	16 50	1 1	13 9	13 8	7 28	14 25	0 27
T 29	18 9	16 20	4 55	13 0	4 49	20 24	2 42	22 33	0 38	0s 0	1 9	12 35	0 51	20 16	0 31	5 54	1 10	16 49	1 1	13 5	13 7	7 29	14 25	0 27
W30	17 54	13 37	5 0	13 3	4 55	20 28	2 40	22 28	0 38	0 1	1 9	12 36	0 51	20 17	0 31	5 54	1 10	16 49	1 1	13 1	13 6	7 31	14 25	0 27
T 31	17n39	10n17	4s51	13n 8	5s 0	20n32	2s38	22n23	0n39	0s 2	1s10	12s38	0s51	20s17	0s31	5n54	1s10	16n49	1n 1	12s57	13s 5	7s33	14n26	0s27

Julian Day Number = 3061681.5, Delta T = 02h31m51s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'35, Lahiri = 47°16'36

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

AUGUST 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 42 32	10♌40'18	1♍49	7°R55	27♊17	20♋47	2°R34	28°R35	0°R49	17°R57	16♌12	4°R25	4♏58	15♎19	10♉35	F 1
S 2	20 46 29	11°37'36	14° 5	7♌20	28°22	21°29	2♈32	28♒31	0♒46	17♈57	16°14	4♏15	4°55	15°26	10°36	S 2
S 3	20 50 25	12°34'54	26° 8	6°48	29°28	22°10	2°29	28°27	0°44	17°56	16°16	4° 8	4°51	15°32	10°36	S 3
M 4	20 54 22	13°32'12	8♎ 3	6°19	0♋34	22°51	2°27	28°23	0°42	17°56	16°17	4° 3	4°48	15°39	10°37	M 4
T 5	20 58 18	14°29'30	19°52	5°52	1°40	23°32	2°24	28°19	0°39	17°55	16°19	4° 0	4°45	15°46	10°37	T 5
W 6	21 2 15	15°26'48	1♏39	5°29	2°47	24°14	2°21	28°14	0°37	17°55	16°20	4°D 0	4°42	15°52	10°38	W 6
T 7	21 6 12	16°24'05	13°31	5°10	3°53	24°55	2°18	28°10	0°35	17°54	16°22	4°R 0	4°39	15°59	10°38	T 7
F 8	21 10 8	17°21'23	25°33	4°56	5° 0	25°36	2°15	28° 6	0°32	17°53	16°24	3°59	4°36	16° 5	10°38	F 8
S 9	21 14 5	18°18'41	7♐49	4°47	6° 6	26°17	2°11	28° 1	0°30	17°53	16°25	3°58	4°32	16°12	10°38	S 9
S 10	21 18 1	19°15'58	20°26	4°D42	7°13	26°58	2° 7	27°57	0°28	17°52	16°27	3°54	4°29	16°19	10°39	S 10
M11	21 21 58	20°13'16	3♑26	4°43	8°20	27°39	2° 4	27°53	0°25	17°52	16°28	3°49	4°26	16°25	10°39	M11
T 12	21 25 54	21°10'33	16°52	4°49	9°27	28°19	1°59	27°48	0°23	17°51	16°30	3°40	4°23	16°32	10°R39	T 12
W13	21 29 51	22° 7'51	0♒44	5° 1	10°35	29° 0	1°55	27°44	0°21	17°50	16°32	3°30	4°20	16°39	10°39	W13
T 14	21 33 47	23° 5'09	14°59	5°18	11°42	29°41	1°51	27°39	0°19	17°49	16°33	3°20	4°16	16°45	10°39	T 14
F 15	21 37 44	24° 2'27	29°32	5°41	12°50	0♌22	1°46	27°35	0°17	17°49	16°35	3°10	4°13	16°52	10°38	F 15
S 16	21 41 41	24°59'46	14♓16	6°10	13°57	1° 2	1°42	27°31	0°15	17°48	16°36	3° 1	4°10	16°59	10°38	S 16
S 17	21 45 37	25°57'05	29° 2	6°44	15° 5	1°43	1°37	27°26	0°12	17°47	16°38	2°55	4° 7	17° 5	10°38	S 17
M18	21 49 34	26°54'24	13♈45	7°24	16°13	2°23	1°32	27°22	0°10	17°46	16°39	2°52	4° 4	17°12	10°38	M18
T 19	21 53 30	27°51'45	28°17	8°10	17°21	3° 4	1°26	27°17	0° 8	17°45	16°41	2°D50	4° 1	17°19	10°37	T 19
W20	21 57 27	28°49'06	12♉35	9° 1	18°29	3°44	1°21	27°13	0° 6	17°44	16°43	2°50	3°57	17°25	10°37	W20
T 21	22 1 23	29°46'28	26°38	9°58	19°38	4°25	1°16	27° 8	0° 4	17°43	16°44	2°R51	3°54	17°32	10°37	T 21
F 22	22 5 20	0♍43'51	10♊24	11° 0	20°46	5° 5	1°10	27° 4	0° 2	17°42	16°46	2°51	3°51	17°39	10°36	F 22
S 23	22 9 16	1°41'15	23°56	12° 7	21°55	5°45	1° 4	26°59	0° 0	17°41	16°47	2°48	3°48	17°45	10°36	S 23
S 24	22 13 13	2°38'40	7♋13	13°20	23° 3	6°26	0°58	26°55	29♑58	17°40	16°49	2°44	3°45	17°52	10°35	S 24
M25	22 17 10	3°36'06	20°16	14°38	24°12	7° 6	0°52	26°51	29°56	17°39	16°50	2°37	3°42	17°59	10°34	M25
T 26	22 21 6	4°33'33	3♌ 7	16° 0	25°21	7°46	0°46	26°46	29°54	17°38	16°52	2°28	3°38	18° 5	10°34	T 26
W27	22 25 3	5°31'00	15°46	17°28	26°30	8°26	0°40	26°42	29°53	17°37	16°54	2°19	3°35	18°12	10°33	W27
T 28	22 28 59	6°28'29	28°13	18°59	27°39	9° 6	0°33	26°37	29°51	17°36	16°55	2° 8	3°32	18°18	10°32	T 28
F 29	22 32 56	7°25'58	10♍29	20°36	28°49	9°46	0°27	26°33	29°49	17°35	16°57	1°59	3°29	18°25	10°31	F 29
S 30	22 36 52	8°23'28	22°35	22°16	29°58	10°26	0°20	26°29	29°47	17°34	16°58	1°51	3°26	18°32	10°30	S 30
S 31	22 40 49	9♍20'58	4♎32	24♌ 0	1♌ 7	11♌ 6	0♈13	26♒25	29♑46	17♈32	17♌ 0	1♏45	3♏22	18♎38	10♉29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n24	6n34	4s27	13n14	5s 3	20n36	2s36	22n17	0n40	0s 3	1s10	12s39	0s51	20s18	0s31	5n54	1s10	16n48	1n 1	12s53	13s 4	7s35	14n26	0s28
S 2	17 8	2 38	3 52	13 21	5 5	20 39	2 33	22 11	0 40	0 5	1 10	12 41	0 51	20 18	0 31	5 53	1 10	16 48	1 1	12 49	13 2	7 37	14 26	0 28
S 3	16 53	1s20	3 6	13 29	5 5	20 42	2 31	22 5	0 41	0 6	1 10	12 43	0 51	20 19	0 31	5 53	1 11	16 47	1 1	12 47	13 1	7 38	14 26	0 28
M 4	16 37	5 12	2 13	13 38	5 3	20 44	2 29	21 59	0 41	0 7	1 11	12 44	0 51	20 19	0 31	5 53	1 11	16 47	1 1	12 45	13 0	7 40	14 26	0 28
T 5	16 20	8 51	1 14	13 47	5 0	20 46	2 26	21 53	0 42	0 8	1 11	12 46	0 51	20 20	0 31	5 53	1 11	16 46	1 1	12 44	12 59	7 42	14 26	0 28
W 6	16 4	12 8	0 12	13 57	4 55	20 48	2 24	21 46	0 42	0 10	1 11	12 47	0 52	20 21	0 31	5 52	1 11	16 46	1 1	12 44	12 58	7 44	14 26	0 28
T 7	15 47	14 57	0n50	14 8	4 48	20 49	2 21	21 40	0 43	0 11	1 11	12 49	0 52	20 21	0 31	5 52	1 11	16 46	1 1	12 44	12 57	7 45	14 26	0 28
F 8	15 30	17 10	1 52	14 19	4 41	20 49	2 19	21 33	0 44	0 13	1 12	12 50	0 52	20 21	0 31	5 52	1 11	16 45	1 1	12 44	12 56	7 47	14 26	0 28
S 9	15 12	18 38	2 50	14 30	4 32	20 49	2 16	21 26	0 44	0 14	1 12	12 52	0 52	20 22	0 31	5 52	1 11	16 45	1 1	12 44	12 55	7 49	14 26	0 28
S 10	14 55	19 13	3 40	14 40	4 22	20 49	2 13	21 18	0 45	0 16	1 12	12 53	0 52	20 22	0 31	5 51	1 11	16 44	1 1	12 42	12 54	7 51	14 26	0 28
M11	14 37	18 49	4 22	14 51	4 11	20 48	2 10	21 11	0 45	0 18	1 12	12 55	0 52	20 23	0 31	5 51	1 11	16 44	1 1	12 40	12 53	7 53	14 26	0 29
T 12	14 19	17 22	4 50	15 1	3 59	20 46	2 8	21 4	0 46	0 20	1 13	12 57	0 52	20 23	0 31	5 51	1 11	16 44	1 1	12 38	12 52	7 54	14 26	0 29
W13	14 0	14 53	5 2	15 11	3 46	20 44	2 5	20 56	0 46	0 22	1 13	12 58	0 52	20 24	0 31	5 50	1 11	16 43	1 1	12 34	12 51	7 56	14 26	0 29
T 14	13 42	11 28	4 56	15 20	3 32	20 41	2 2	20 48	0 47	0 24	1 13	13 0	0 52	20 24	0 31	5 50	1 11	16 43	1 2	12 31	12 50	7 58	14 25	0 29
F 15	13 23	7 17	4 32	15 28	3 18	20 38	1 59	20 40	0 47	0 26	1 13	13 1	0 52	20 25	0 31	5 50	1 11	16 42	1 2	12 27	12 49	8 0	14 25	0 29
S 16	13 4	2 37	3 48	15 35	3 4	20 35	1 56	20 32	0 48	0 28	1 14	13 3	0 53	20 25	0 31	5 49	1 11	16 42	1 2	12 25	12 48	8 1	14 25	0 29
S 17	12 45	2n13	2 50	15 42	2 49	20 31	1 53	20 23	0 49	0 30	1 14	13 5	0 53	20 26	0 31	5 49	1 11	16 42	1 2	12 22	12 47	8 3	14 25	0 29
M18	12 26	6 55	1 40	15 46	2 34	20 26	1 49	20 15	0 49	0 32	1 14	13 6	0 53	20 26	0 31	5 49	1 11	16 41	1 2	12 21	12 46	8 5	14 25	0 29
T 19	12 6	11 9	0 24	15 50	2 18	20 21	1 46	20 6	0 50	0 34	1 14	13 8	0 53	20 27	0 31	5 48	1 11	16 41	1 2	12 21	12 44	8 7	14 25	0 29
W20	11 47	14 39	0s52	15 52	2 3	20 15	1 43	19 57	0 50	0 37	1 15	13 9	0 53	20 27	0 31	5 48	1 11	16 40	1 2	12 21	12 43	8 8	14 24	0 29
T 21	11 27	17 13	2 4	15 52	1 47	20 9	1 40	19 48	0 51	0 39	1 15	13 11	0 53	20 27	0 31	5 48	1 11	16 40	1 2	12 21	12 42	8 10	14 24	0 30
F 22	11 7	18 44	3 7	15 50	1 32	20 3	1 36	19 39	0 51	0 41	1 15	13 13	0 53	20 28	0 31	5 47	1 11	16 39	1 2	12 21	12 41	8 12	14 24	0 30
S 23	10 47	19 7	3 58	15 47	1 17	19 55	1 33	19 30	0 52	0 44	1 15	13 14	0 53	20 28	0 31	5 47	1 11	16 39	1 2	12 20	12 40	8 13	14 24	0 30
S 24	10 26	18 27	4 36	15 41	1 2	19 48	1 30	19 21	0 52	0 46	1 15	13 16	0 53	20 29	0 31	5 46	1 11	16 39	1 2	12 19	12 39	8 15	14 23	0 30
M25	10 6	16 48	4 58	15 33	0 47	19 40	1 26	19 11	0 53	0 49	1 16	13 17	0 53	20 29	0 31	5 46	1 11	16 38	1 2	12 16	12 38	8 17	14 23	0 30
T 26	9 45	14 20	5 5	15 23	0 32	19 31	1 23	19 1	0 53	0 52	1 16	13 19	0 53	20 29	0 31	5 45	1 11	16 38	1 2	12 13	12 37	8 19	14 23	0 30
W27	9 24	11 14	4 57	15 10	0 18	19 22	1 20	18 52	0 54	0 54	1 16	13 20	0 53	20 30	0 31	5 45	1 11	16 37	1 2	12 10	12 36	8 20	14 22	0 30
T 28	9 3	7 41	4 34	14 55	0 5	19 12	1 16	18 42	0 54	0 57	1 16	13 22	0 53	20 30	0 31	5 45	1 12	16 37	1 2	12 6	12 35	8 22	14 22	0 30
F 29	8 42	3 52	4 0	14 37	0n 8	19 1	1 13	18 32	0 55	1 0	1 16	13 23	0 53	20 31	0 31	5 44	1 12	16 37	1 3	12 3	12 34	8 24	14 22	0 30
S 30	8 21	0s 4	3 14	14 17	0 20	18 51	1 9	18 21	0 55	1 3	1 17	13 25	0 54	20 31	0 31	5 44	1 12	16 36	1 3	12 1	12 33	8 26	14 21	0 31
S 31	8n 0	3s57	2s21	13n54	0n32	18n39	1s 6	18n11	0n56	1s 5	1s17	13s26	0s54	20s31	0s31	5n43	1s12	16n36	1n 3	11s59	12s32	8s27	14n21	0s31

Julian Day Number = 3061712.5, Delta T = 02h31m52s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'39, Lahiri = 47°16'40

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

SEPTEMBER 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 44 45	10♍18'30	16♎22	25♌48	2♌17	11♌46	0°R 6	26°R20	29°R44	17°R31	17♌ 1	1°R42	3♏19	18♎45	10°R28	M 1
T 2	22 48 42	11°16'02	28° 9	27°38	3°26	12°25	29♓59	26♒16	29♉42	17♈30	17° 3	1°D40	3°16	18°52	10♉27	T 2
W 3	22 52 39	12°13'35	9♏55	29°32	4°36	13° 5	29°52	26°12	29°41	17°29	17° 4	1♏41	3°13	18°58	10°26	W 3
T 4	22 56 35	13°11'09	21°47	1♍27	5°46	13°45	29°45	26° 8	29°39	17°27	17° 5	1°42	3°10	19° 5	10°25	T 4
F 5	23 0 32	14° 8'43	3♐47	3°25	6°56	14°24	29°38	26° 4	29°38	17°26	17° 7	1°43	3° 7	19°12	10°24	F 5
S 6	23 4 28	15° 6'18	16° 2	5°25	8° 6	15° 4	29°30	25°59	29°36	17°25	17° 8	1°R43	3° 3	19°18	10°23	S 6
S 7	23 8 25	16° 3'54	28°37	7°25	9°16	15°44	29°23	25°55	29°35	17°23	17°10	1°42	3° 0	19°25	10°21	S 7
M 8	23 12 21	17° 1'31	11♑35	9°27	10°26	16°23	29°15	25°51	29°33	17°22	17°11	1°40	2°57	19°32	10°20	M 8
T 9	23 16 18	17°59'09	25° 1	11°29	11°36	17° 2	29° 8	25°47	29°32	17°21	17°13	1°36	2°54	19°38	10°19	T 9
W10	23 20 14	18°56'47	8♒54	13°32	12°47	17°42	29° 0	25°44	29°31	17°19	17°14	1°30	2°51	19°45	10°17	W10
T 11	23 24 11	19°54'26	23°15	15°34	13°57	18°21	28°52	25°40	29°29	17°18	17°15	1°24	2°47	19°52	10°16	T 11
F 12	23 28 7	20°52'07	7♓58	17°36	15° 8	19° 0	28°45	25°36	29°28	17°16	17°17	1°18	2°44	19°58	10°14	F 12
S 13	23 32 4	21°49'48	22°57	19°38	16°18	19°39	28°37	25°32	29°27	17°15	17°18	1°12	2°41	20° 5	10°13	S 13
S 14	23 36 1	22°47'31	8♈ 2	21°39	17°29	20°19	28°29	25°28	29°26	17°14	17°20	1° 9	2°38	20°11	10°11	S 14
M15	23 39 57	23°45'14	23° 5	23°39	18°40	20°58	28°21	25°25	29°25	17°12	17°21	1° 7	2°35	20°18	10° 9	M15
T 16	23 43 54	24°43'00	7♉57	25°38	19°51	21°37	28°14	25°21	29°24	17°11	17°22	1°D 7	2°32	20°25	10° 8	T 16
W17	23 47 50	25°40'47	22°32	27°37	21° 2	22°16	28° 6	25°18	29°23	17° 9	17°24	1° 8	2°28	20°31	10° 6	W17
T 18	23 51 47	26°38'35	6♊46	29°34	22°13	22°55	27°58	25°14	29°22	17° 8	17°25	1°10	2°25	20°38	10° 4	T 18
F 19	23 55 43	27°36'25	20°38	1♎30	23°24	23°34	27°50	25°11	29°21	17° 6	17°26	1°11	2°22	20°45	10° 2	F 19
S 20	23 59 40	28°34'17	4♋ 9	3°25	24°35	24°13	27°42	25° 7	29°20	17° 5	17°27	1°R11	2°19	20°51	10° 0	S 20
S 21	0 3 36	29°32'11	17°19	5°18	25°46	24°51	27°34	25° 4	29°19	17° 3	17°29	1° 9	2°16	20°58	9°59	S 21
M22	0 7 33	0♎30'06	0♌11	7°10	26°58	25°30	27°26	25° 1	29°18	17° 1	17°30	1° 7	2°13	21° 5	9°57	M22
T 23	0 11 30	1°28'03	12°48	9° 1	28° 9	26° 9	27°18	24°58	29°18	17° 0	17°31	1° 3	2° 9	21°11	9°55	T 23
W24	0 15 26	2°26'01	25°11	10°51	29°21	26°47	27°10	24°55	29°17	16°58	17°32	0°58	2° 6	21°18	9°53	W24
T 25	0 19 23	3°24'01	7♍24	12°39	0♍33	27°26	27° 3	24°52	29°16	16°57	17°34	0°53	2° 3	21°25	9°50	T 25
F 26	0 23 19	4°22'02	19°27	14°26	1°44	28° 5	26°55	24°49	29°16	16°55	17°35	0°49	2° 0	21°31	9°48	F 26
S 27	0 27 16	5°20'05	1♎23	16°12	2°56	28°43	26°47	24°46	29°15	16°53	17°36	0°45	1°57	21°38	9°46	S 27
S 28	0 31 12	6°18'10	13°14	17°57	4° 8	29°22	26°39	24°43	29°15	16°52	17°37	0°43	1°53	21°45	9°44	S 28
M29	0 35 9	7°16'16	25° 1	19°40	5°20	29°59	26°32	24°41	29°14	16°50	17°38	0°D42	1°50	21°51	9°42	M29
T 30	0 39 5	8♎14'24	6♏48	21♎22	6♍32	0♍38	26♓24	24♒38	29♉14	16♈49	17♌39	0♏42	1♏47	21♎58	9♉40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	7n38	7s38	1s22	13n29	0n43	18n28	1s 2	18n 1	0n56	1s 8	1s17	13s28	0s54	20s32	0s31	5n43	1s12	16n36	1n 3	11s57	12s31	8s29	14n21	0s31	M 1
T 2	7 17	11 1	0 19	13 0	0 53	18 15	0 59	17 50	0 57	1 11	1 17	13 29	0 54	20 32	0 31	5 42	1 12	16 35	1 3	11 57	12 29	8 31	14 20	0 31	T 2
W 3	6 55	13 57	0n45	12 30	1 2	18 2	0 55	17 39	0 58	1 14	1 17	13 31	0 54	20 32	0 31	5 42	1 12	16 35	1 3	11 57	12 28	8 32	14 20	0 31	W 3
T 4	6 33	16 20	1 47	11 57	1 10	17 49	0 52	17 29	0 58	1 17	1 17	13 32	0 54	20 33	0 31	5 41	1 12	16 34	1 3	11 57	12 27	8 34	14 19	0 31	T 4
F 5	6 11	18 1	2 45	11 22	1 17	17 35	0 48	17 18	0 59	1 20	1 18	13 34	0 54	20 33	0 31	5 41	1 12	16 34	1 3	11 58	12 26	8 36	14 19	0 31	F 5
S 6	5 49	18 54	3 37	10 45	1 24	17 21	0 45	17 7	0 59	1 23	1 18	13 35	0 54	20 33	0 31	5 40	1 12	16 34	1 3	11 58	12 25	8 38	14 18	0 31	S 6
S 7	5 27	18 53	4 20	10 6	1 29	17 6	0 41	16 56	1 0	1 26	1 18	13 37	0 54	20 33	0 31	5 40	1 12	16 33	1 3	11 58	12 24	8 39	14 18	0 31	S 7
M 8	5 5	17 53	4 51	9 25	1 34	16 51	0 38	16 44	1 0	1 29	1 18	13 38	0 54	20 34	0 31	5 39	1 12	16 33	1 3	11 57	12 23	8 41	14 17	0 31	M 8
T 9	4 42	15 53	5 8	8 42	1 38	16 36	0 35	16 33	1 1	1 32	1 18	13 39	0 54	20 34	0 31	5 38	1 12	16 33	1 3	11 55	12 22	8 43	14 17	0 32	T 9
W10	4 20	12 55	5 7	7 58	1 41	16 20	0 31	16 22	1 1	1 36	1 18	13 41	0 54	20 34	0 31	5 38	1 12	16 32	1 3	11 53	12 21	8 44	14 16	0 32	W10
T 11	3 58	9 6	4 48	7 13	1 43	16 3	0 28	16 10	1 2	1 39	1 18	13 42	0 54	20 35	0 31	5 37	1 12	16 32	1 4	11 51	12 20	8 46	14 16	0 32	T 11
F 12	3 35	4 39	4 9	6 28	1 44	15 46	0 24	15 58	1 2	1 42	1 19	13 43	0 54	20 35	0 31	5 37	1 12	16 32	1 4	11 49	12 19	8 48	14 15	0 32	F 12
S 13	3 13	0n11	3 13	5 41	1 45	15 29	0 21	15 47	1 2	1 45	1 19	13 45	0 54	20 35	0 31	5 36	1 12	16 31	1 4	11 47	12 18	8 49	14 14	0 32	S 13
S 14	2 50	5 2	2 2	4 53	1 45	15 11	0 17	15 35	1 3	1 48	1 19	13 46	0 54	20 35	0 31	5 36	1 12	16 31	1 4	11 46	12 17	8 51	14 14	0 32	S 14
M15	2 28	9 34	0 44	4 5	1 44	14 52	0 14	15 23	1 3	1 51	1 19	13 47	0 54	20 35	0 31	5 35	1 12	16 31	1 4	11 46	12 15	8 53	14 13	0 32	M15
T 16	2 5	13 27	0s37	3 17	1 42	14 34	0 11	15 11	1 4	1 55	1 19	13 48	0 54	20 36	0 31	5 35	1 12	16 30	1 4	11 45	12 14	8 55	14 13	0 32	T 16
W17	1 42	16 24	1 54	2 28	1 40	14 14	0 7	14 59	1 4	1 58	1 19	13 50	0 54	20 36	0 31	5 34	1 12	16 30	1 4	11 46	12 13	8 56	14 12	0 32	W17
T 18	1 19	18 15	3 3	1 40	1 37	13 55	0 4	14 47	1 5	2 1	1 19	13 51	0 54	20 36	0 31	5 33	1 12	16 30	1 4	11 46	12 12	8 58	14 11	0 32	T 18
F 19	0 57	18 56	3 58	0 51	1 34	13 35	0 1	14 34	1 5	2 4	1 19	13 52	0 54	20 36	0 31	5 33	1 12	16 29	1 4	11 47	12 11	9 0	14 11	0 33	F 19
S 20	0 34	18 31	4 39	0 2	1 30	13 15	0n 2	14 22	1 6	2 7	1 19	13 53	0 54	20 36	0 31	5 32	1 12	16 29	1 4	11 47	12 10	9 1	14 10	0 33	S 20
S 21	0 11	17 5	5 4	0s46	1 26	12 54	0 6	14 10	1 6	2 10	1 19	13 54	0 54	20 36	0 31	5 32	1 12	16 29	1 4	11 46	12 9	9 3	14 9	0 33	S 21
M22	0s12	14 49	5 13	1 34	1 22	12 33	0 9	13 57	1 7	2 14	1 19	13 55	0 54	20 37	0 31	5 31	1 12	16 28	1 4	11 45	12 8	9 5	14 9	0 33	M22
T 23	0 35	11 54	5 7	2 22	1 17	12 12	0 12	13 45	1 7	2 17	1 19	13 56	0 54	20 37	0 31	5 30	1 12	16 28	1 4	11 44	12 7	9 6	14 8	0 33	T 23
W24	0 58	8 31	4 46	3 10	1 11	11 50	0 15	13 32	1 8	2 20	1 19	13 57	0 55	20 37	0 31	5 30	1 12	16 28	1 5	11 42	12 6	9 8	14 7	0 33	W24
T 25	1 20	4 48	4 12	3 57	1 6	11 28	0 18	13 19	1 8	2 23	1 19	13 58	0 55	20 37	0 31	5 29	1 12	16 28	1 5	11 41	12 5	9 10	14 6	0 33	T 25
F 26	1 43	0 57	3 28	4 43	1 0	11 5	0 21	13 7	1 9	2 26	1 19	13 59	0 55	20 37	0 31	5 28	1 12	16 27	1 5	11 39	12 4	9 11	14 6	0 33	F 26
S 27	2 6	2s55	2 35	5 29	0 54	10 43	0 24	12 54	1 9	2 29	1 20	14 0	0 55	20 37	0 31	5 28	1 12	16 27	1 5	11 38	12 2	9 13	14 5	0 33	S 27
S 28	2 29	6 38	1 35	6 15	0 47	10 19	0 27	12 41	1 10	2 32	1 20	14 1	0 55	20 37	0 31	5 27	1 12	16 27	1 5	11 37	12 1	9 15	14 4	0 33	S 28
M29	2 52	10 5	0 31	7 0	0 40	9 56	0 30	12 28	1 10	2 35	1 20	14 2	0 55	20 37	0 31	5 27	1 12	16 26	1 5	11 37	12 0	9 16	14 3	0 34	M29
T 30	3s14	13s 8	0n34	7s44	0n34	9n32	0n33	12n15	1n11	2s38	1s20	14s 3	0s55	20s37	0s30	5n26	1s12	16n26	1n 5	11s37	11s59	9s18	14n 3	0s34	T 30

Julian Day Number = 3061743.5, Delta T = 02h31m53s
Ecliptic obliquity = 23°13'21, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'44, Lahiri = 47°16'44

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

OCTOBER 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 43 2	9♎12'33	18♏36	23♎ 3	7♍44	1♍17	26°R17	24°R35	29°R13	16°R47	17♌40	0♏43	1♏44	22♎ 4	9°R37	W 1
T 2	0 46 58	10°10'44	0♐29	24°42	8°56	1°55	26♓ 9	24♒33	29♑13	16♈45	17°41	0°44	1°41	22°11	9♉35	T 2
F 3	0 50 55	11° 8'56	12°32	26°21	10° 8	2°33	26° 2	24°31	29°13	16°44	17°42	0°46	1°38	22°18	9°33	F 3
S 4	0 54 52	12° 7'09	24°47	27°58	11°21	3°11	25°54	24°28	29°13	16°42	17°43	0°47	1°34	22°24	9°30	S 4
S 5	0 58 48	13° 5'24	7♑20	29°34	12°33	3°49	25°47	24°26	29°13	16°40	17°45	0°R48	1°31	22°31	9°28	S 5
M 6	1 2 45	14° 3'40	20°14	1♏ 9	13°45	4°27	25°40	24°24	29°12	16°39	17°45	0°48	1°28	22°38	9°26	M 6
T 7	1 6 41	15° 1'58	3♒33	2°43	14°58	5° 5	25°33	24°22	29°D12	16°37	17°46	0°47	1°25	22°44	9°23	T 7
W 8	1 10 38	16° 0'17	17°19	4°16	16°10	5°43	25°26	24°20	29°12	16°35	17°47	0°46	1°22	22°51	9°21	W 8
T 9	1 14 34	16°58'38	1♓33	5°48	17°23	6°21	25°19	24°18	29°13	16°34	17°48	0°44	1°18	22°58	9°18	T 9
F 10	1 18 31	17°56'59	16°12	7°18	18°35	6°59	25°12	24°16	29°13	16°32	17°49	0°43	1°15	23° 4	9°16	F 10
S 11	1 22 27	18°55'23	1♈10	8°48	19°48	7°36	25° 6	24°15	29°13	16°30	17°50	0°41	1°12	23°11	9°13	S 11
S 12	1 26 24	19°53'48	16°21	10°16	21° 1	8°14	24°59	24°13	29°13	16°29	17°51	0°40	1° 9	23°18	9°11	S 12
M13	1 30 21	20°52'15	1♉34	11°43	22°14	8°52	24°53	24°12	29°13	16°27	17°52	0°D40	1° 6	23°24	9° 8	M13
T 14	1 34 17	21°50'44	16°40	13° 9	23°27	9°29	24°47	24°10	29°14	16°26	17°53	0°40	1° 3	23°31	9° 5	T 14
W15	1 38 14	22°49'15	1♊31	14°34	24°40	10° 7	24°41	24° 9	29°14	16°24	17°54	0°41	0°59	23°37	9° 3	W15
T 16	1 42 10	23°47'47	16° 0	15°58	25°53	10°44	24°35	24° 8	29°14	16°22	17°54	0°42	0°56	23°44	9° 0	T 16
F 17	1 46 7	24°46'22	0♋ 4	17°20	27° 6	11°22	24°29	24° 7	29°15	16°21	17°55	0°42	0°53	23°51	8°57	F 17
S 18	1 50 3	25°44'59	13°41	18°41	28°19	11°59	24°23	24° 6	29°15	16°19	17°56	0°43	0°50	23°57	8°55	S 18
S 19	1 54 0	26°43'39	26°53	20° 1	29°32	12°37	24°18	24° 5	29°16	16°17	17°57	0°R43	0°47	24° 4	8°52	S 19
M20	1 57 56	27°42'20	9♌43	21°20	0♎46	13°14	24°12	24° 4	29°17	16°16	17°57	0°43	0°44	24°11	8°49	M20
T 21	2 1 53	28°41'03	22°13	22°37	1°59	13°51	24° 7	24° 3	29°17	16°14	17°58	0°42	0°40	24°17	8°47	T 21
W22	2 5 50	29°39'49	4♍28	23°53	3°12	14°28	24° 2	24° 3	29°18	16°13	17°59	0°42	0°37	24°24	8°44	W22
T 23	2 9 46	0♏38'36	16°31	25° 8	4°26	15° 5	23°57	24° 2	29°19	16°11	17°59	0°D42	0°34	24°31	8°41	T 23
F 24	2 13 43	1°37'26	28°26	26°21	5°39	15°42	23°52	24° 2	29°20	16° 9	18° 0	0°42	0°31	24°37	8°38	F 24
S 25	2 17 39	2°36'17	10♎16	27°32	6°53	16°19	23°48	24° 2	29°21	16° 8	18° 0	0°42	0°28	24°44	8°36	S 25
S 26	2 21 36	3°35'11	22° 3	28°41	8° 6	16°56	23°43	24° 1	29°22	16° 6	18° 1	0°42	0°24	24°51	8°33	S 26
M27	2 25 32	4°34'07	3♏50	29°48	9°20	17°33	23°39	24° 1	29°22	16° 5	18° 2	0°R43	0°21	24°57	8°30	M27
T 28	2 29 29	5°33'04	15°40	0♐54	10°34	18°10	23°35	24°D 1	29°24	16° 3	18° 2	0°42	0°18	25° 4	8°27	T 28
W29	2 33 25	6°32'04	27°34	1°57	11°48	18°47	23°31	24° 1	29°25	16° 2	18° 3	0°42	0°15	25°10	8°25	W29
T 30	2 37 22	7°31'05	9♐35	2°58	13° 1	19°23	23°27	24° 2	29°26	16° 0	18° 3	0°41	0°12	25°17	8°22	T 30
F 31	2 41 18	8♏30'08	21♐45	3♐56	14♎15	20♍ 0	23♓24	24♒ 2	29♑27	15♈59	18♌ 3	0♏40	0♏ 9	25♎24	8♉19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s37	15s38	1n37	8s28	0n27	9n 8	0n35	12n 2	1n11	2s41	1s20	14s 4	0s55	20s37	0s30	5n25	1s12	16n26	1n 5	11s37	11s58	9s20	14n 2	0s34
T 2	4 0	17 30	2 37	9 11	0 19	8 44	0 38	11 49	1 11	2 44	1 20	14 5	0 55	20 38	0 30	5 25	1 12	16 26	1 5	11 38	11 57	9 21	14 1	0 34
F 3	4 22	18 36	3 31	9 54	0 12	8 20	0 41	11 36	1 12	2 47	1 20	14 6	0 55	20 38	0 30	5 24	1 12	16 25	1 5	11 38	11 56	9 23	14 0	0 34
S 4	4 45	18 51	4 17	10 35	0 5	7 55	0 43	11 22	1 12	2 50	1 20	14 6	0 55	20 38	0 30	5 23	1 12	16 25	1 5	11 39	11 55	9 24	13 59	0 34
S 5	5 7	18 11	4 51	11 16	0s 3	7 30	0 46	11 9	1 13	2 53	1 19	14 7	0 55	20 38	0 30	5 23	1 12	16 25	1 5	11 39	11 54	9 26	13 58	0 34
M 6	5 30	16 35	5 12	11 56	0 11	7 5	0 48	10 56	1 13	2 55	1 19	14 8	0 55	20 38	0 30	5 22	1 12	16 25	1 6	11 39	11 53	9 28	13 58	0 34
T 7	5 52	14 3	5 17	12 36	0 18	6 39	0 51	10 42	1 14	2 58	1 19	14 8	0 55	20 38	0 30	5 22	1 12	16 25	1 6	11 39	11 52	9 29	13 57	0 34
W 8	6 14	10 40	5 4	13 14	0 26	6 14	0 53	10 29	1 14	3 1	1 19	14 9	0 55	20 38	0 30	5 21	1 12	16 24	1 6	11 38	11 50	9 31	13 56	0 34
T 9	6 37	6 35	4 32	13 52	0 34	5 48	0 56	10 15	1 15	3 4	1 19	14 10	0 55	20 38	0 30	5 20	1 12	16 24	1 6	11 38	11 49	9 33	13 55	0 35
F 10	6 59	1 58	3 43	14 29	0 41	5 22	0 58	10 2	1 15	3 6	1 19	14 10	0 55	20 37	0 30	5 20	1 12	16 24	1 6	11 37	11 48	9 34	13 54	0 35
S 11	7 21	2n52	2 37	15 5	0 49	4 56	1 0	9 48	1 15	3 9	1 19	14 11	0 55	20 37	0 30	5 19	1 12	16 24	1 6	11 37	11 47	9 36	13 53	0 35
S 12	7 43	7 35	1 19	15 40	0 57	4 29	1 2	9 35	1 16	3 11	1 19	14 11	0 55	20 37	0 30	5 18	1 12	16 24	1 6	11 36	11 46	9 38	13 52	0 35
M13	8 5	11 50	0s 5	16 14	1 5	4 3	1 4	9 21	1 16	3 14	1 19	14 12	0 55	20 37	0 30	5 18	1 12	16 23	1 6	11 36	11 45	9 39	13 51	0 35
T 14	8 26	15 16	1 28	16 48	1 12	3 36	1 6	9 8	1 17	3 16	1 19	14 12	0 55	20 37	0 30	5 17	1 12	16 23	1 6	11 36	11 44	9 41	13 51	0 35
W15	8 48	17 37	2 43	17 20	1 20	3 9	1 8	8 54	1 17	3 18	1 19	14 13	0 55	20 37	0 30	5 16	1 12	16 23	1 6	11 36	11 43	9 42	13 50	0 35
T 16	9 9	18 44	3 46	17 52	1 28	2 42	1 10	8 40	1 18	3 21	1 19	14 13	0 55	20 37	0 30	5 16	1 12	16 23	1 6	11 37	11 42	9 44	13 49	0 35
F 17	9 31	18 40	4 34	18 23	1 35	2 15	1 12	8 27	1 18	3 23	1 19	14 13	0 55	20 37	0 30	5 15	1 12	16 23	1 7	11 37	11 41	9 46	13 48	0 35
S 18	9 52	17 29	5 4	18 52	1 43	1 48	1 14	8 13	1 19	3 25	1 19	14 14	0 55	20 37	0 30	5 15	1 12	16 23	1 7	11 37	11 40	9 47	13 47	0 35
S 19	10 13	15 24	5 17	19 21	1 50	1 20	1 16	7 59	1 19	3 27	1 19	14 14	0 55	20 37	0 30	5 14	1 12	16 22	1 7	11 37	11 38	9 49	13 46	0 35
M20	10 34	12 36	5 14	19 49	1 57	0 53	1 17	7 45	1 19	3 29	1 18	14 14	0 55	20 36	0 30	5 13	1 12	16 22	1 7	11 37	11 37	9 50	13 45	0 36
T 21	10 55	9 18	4 56	20 16	2 4	0 26	1 19	7 32	1 20	3 31	1 18	14 14	0 55	20 36	0 30	5 13	1 12	16 22	1 7	11 37	11 36	9 52	13 44	0 36
W22	11 15	5 40	4 25	20 41	2 11	0s 2	1 20	7 18	1 20	3 33	1 18	14 15	0 55	20 36	0 30	5 12	1 12	16 22	1 7	11 37	11 35	9 54	13 43	0 36
T 23	11 36	1 51	3 42	21 6	2 18	0 30	1 22	7 4	1 21	3 35	1 18	14 15	0 55	20 36	0 30	5 12	1 12	16 22	1 7	11 37	11 34	9 55	13 42	0 36
F 24	11 56	1s59	2 50	21 30	2 24	0 57	1 23	6 50	1 21	3 37	1 18	14 15	0 55	20 36	0 30	5 11	1 12	16 22	1 7	11 37	11 33	9 57	13 41	0 36
S 25	12 16	5 44	1 51	21 52	2 30	1 25	1 24	6 36	1 22	3 38	1 18	14 15	0 55	20 36	0 30	5 10	1 12	16 22	1 7	11 37	11 32	9 59	13 40	0 36
S 26	12 36	9 15	0 48	22 14	2 36	1 52	1 26	6 22	1 22	3 40	1 18	14 15	0 55	20 35	0 30	5 10	1 12	16 22	1 7	11 37	11 31	10 0	13 39	0 36
M27	12 56	12 25	0n17	22 34	2 42	2 20	1 27	6 9	1 22	3 41	1 18	14 15	0 54	20 35	0 30	5 9	1 12	16 22	1 7	11 37	11 30	10 2	13 38	0 36
T 28	13 15	15 4	1 22	22 53	2 48	2 48	1 28	5 55	1 23	3 43	1 18	14 15	0 54	20 35	0 30	5 9	1 12	16 22	1 8	11 37	11 29	10 3	13 37	0 36
W29	13 35	17 6	2 24	23 11	2 53	3 15	1 29	5 41	1 23	3 44	1 17	14 15	0 54	20 35	0 30	5 8	1 12	16 21	1 8	11 37	11 27	10 5	13 36	0 36
T 30	13 54	18 24	3 20	23 28	2 58	3 43	1 30	5 27	1 24	3 46	1 17	14 15	0 54	20 34	0 30	5 7	1 12	16 21	1 8	11 36	11 26	10 6	13 35	0 36
F 31	14s13	18s51	4n 7	23s43	3s 2	4s11	1n31	5n13	1n24	3s47	1s17	14s15	0s54	20s34	0s30	5n 7	1s12	16n21	1n 8	11s36	11s25	10s 8	13n34	0s36

Julian Day Number = 3061773.5, Delta T = 02h31m54s
Ecliptic obliquity = 23°13'21, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'48, Lahiri = 47°16'48

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

NOVEMBER 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 45 15	9♏29'13	4♑ 7	4♐51	15♎29	20♍36	23°R21	24♒ 2	29♑28	15°R57	18♌ 4	0°R39	0♏ 5	25♎30	8°R16	S 1
S 2	2 49 12	10°28'20	16°43	5°44	16°43	21°13	23♓17	24° 3	29°29	15♈56	18° 4	0♏38	0° 2	25°37	8♉14	S 2
M 3	2 53 8	11°27'28	29°37	6°33	17°57	21°49	23°15	24° 3	29°31	15°54	18° 5	0°37	29♎59	25°44	8°11	M 3
T 4	2 57 5	12°26'38	12♒51	7°18	19°11	22°26	23°12	24° 4	29°32	15°53	18° 5	0°D37	29°56	25°50	8° 8	T 4
W 5	3 1 1	13°25'50	26°28	7°59	20°25	23° 2	23° 9	24° 5	29°34	15°51	18° 5	0°37	29°53	25°57	8° 5	W 5
T 6	3 4 58	14°25'03	10♓28	8°36	21°39	23°38	23° 7	24° 6	29°35	15°50	18° 6	0°38	29°50	26° 4	8° 2	T 6
F 7	3 8 54	15°24'18	24°51	9° 8	22°53	24°14	23° 5	24° 7	29°37	15°48	18° 6	0°39	29°46	26°10	8° 0	F 7
S 8	3 12 51	16°23'35	9♈34	9°35	24° 7	24°50	23° 3	24° 8	29°38	15°47	18° 6	0°40	29°43	26°17	7°57	S 8
S 9	3 16 47	17°22'53	24°33	9°56	25°22	25°26	23° 1	24° 9	29°40	15°46	18° 6	0°R41	29°40	26°24	7°54	S 9
M10	3 20 44	18°22'13	9♉40	10°11	26°36	26° 2	22°59	24°10	29°41	15°44	18° 7	0°41	29°37	26°30	7°52	M10
T 11	3 24 41	19°21'35	24°46	10°19	27°50	26°38	22°58	24°12	29°43	15°43	18° 7	0°40	29°34	26°37	7°49	T 11
W12	3 28 37	20°20'59	9♊43	10°R19	29° 4	27°14	22°57	24°13	29°45	15°42	18° 7	0°38	29°30	26°44	7°46	W12
T 13	3 32 34	21°20'26	24°21	10°12	0♏19	27°50	22°56	24°15	29°47	15°41	18° 7	0°35	29°27	26°50	7°43	T 13
F 14	3 36 30	22°19'54	8♋35	9°57	1°33	28°26	22°55	24°16	29°49	15°39	18° 7	0°32	29°24	26°57	7°41	F 14
S 15	3 40 27	23°19'24	22°22	9°33	2°48	29° 1	22°55	24°18	29°51	15°38	18° 7	0°29	29°21	27° 3	7°38	S 15
S 16	3 44 23	24°18'57	5♌41	9° 0	4° 2	29°37	22°54	24°20	29°52	15°37	18° 7	0°27	29°18	27°10	7°36	S 16
M17	3 48 20	25°18'32	18°35	8°19	5°17	0♎12	22°D54	24°22	29°54	15°36	18°R 7	0°26	29°15	27°17	7°33	M17
T 18	3 52 16	26°18'09	1♍ 6	7°29	6°31	0°48	22°54	24°24	29°56	15°34	18° 7	0°D26	29°11	27°23	7°30	T 18
W19	3 56 13	27°17'48	13°18	6°31	7°46	1°23	22°54	24°26	29°59	15°33	18° 7	0°27	29° 8	27°30	7°28	W19
T 20	4 0 10	28°17'29	25°18	5°26	9° 0	1°58	22°55	24°28	0♒ 1	15°32	18° 7	0°28	29° 5	27°37	7°25	T 20
F 21	4 4 6	29°17'12	7♎ 9	4°15	10°15	2°34	22°56	24°31	0° 3	15°31	18° 7	0°30	29° 2	27°43	7°23	F 21
S 22	4 8 3	0♐16'58	18°55	3° 0	11°30	3° 9	22°56	24°33	0° 5	15°30	18° 7	0°32	28°59	27°50	7°20	S 22
S 23	4 11 59	1°16'45	0♏42	1°43	12°44	3°44	22°57	24°36	0° 7	15°29	18° 7	0°R32	28°56	27°57	7°18	S 23
M24	4 15 56	2°16'35	12°32	0°27	13°59	4°19	22°59	24°38	0°10	15°28	18° 7	0°32	28°52	28° 3	7°15	M24
T 25	4 19 52	3°16'26	24°28	29♏14	15°14	4°54	23° 0	24°41	0°12	15°27	18° 7	0°29	28°49	28°10	7°13	T 25
W26	4 23 49	4°16'20	6♐33	28° 5	16°29	5°29	23° 2	24°44	0°14	15°26	18° 6	0°25	28°46	28°17	7°10	W26
T 27	4 27 45	5°16'15	18°47	27° 4	17°43	6° 3	23° 4	24°47	0°17	15°25	18° 6	0°20	28°43	28°23	7° 8	T 27
F 28	4 31 42	6°16'12	1♑12	26°11	18°58	6°38	23° 6	24°50	0°19	15°24	18° 6	0°13	28°40	28°30	7° 6	F 28
S 29	4 35 39	7°16'11	13°48	25°29	20°13	7°13	23° 8	24°53	0°22	15°23	18° 6	0° 6	28°36	28°36	7° 3	S 29
S 30	4 39 35	8♐16'11	26♑37	24♏58	21♏28	7♎47	23♓10	24♒56	0♒24	15♈23	18♌ 5	0♏ 0	28♎33	28♎43	7♉ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s31	18s26	4n44	23s58	3s 6	4s38	1n31	4n59	1n24	3s48	1s17	14s15	0s54	20s34	0s30	5n 6	1s12	16n21	1n 8	11s36	11s24	10s10	13n34	0s37
S 2	14 50	17 5	5 8	24 10	3 9	5 6	1 32	4 45	1 25	3 49	1 17	14 15	0 54	20 34	0 30	5 6	1 12	16 21	1 8	11 35	11 23	10 11	13 33	0 37
M 3	15 8	14 52	5 17	24 22	3 12	5 33	1 33	4 31	1 25	3 50	1 17	14 14	0 54	20 33	0 30	5 5	1 12	16 21	1 8	11 35	11 22	10 13	13 32	0 37
T 4	15 26	11 50	5 10	24 32	3 15	6 0	1 33	4 18	1 26	3 51	1 16	14 14	0 54	20 33	0 30	5 5	1 12	16 21	1 8	11 35	11 21	10 14	13 31	0 37
W 5	15 44	8 6	4 46	24 40	3 16	6 28	1 34	4 4	1 26	3 52	1 16	14 14	0 54	20 33	0 30	5 4	1 12	16 21	1 8	11 35	11 20	10 16	13 30	0 37
T 6	16 1	3 48	4 4	24 47	3 17	6 55	1 34	3 50	1 27	3 53	1 16	14 14	0 54	20 32	0 30	5 4	1 12	16 21	1 8	11 35	11 19	10 17	13 29	0 37
F 7	16 18	0n49	3 6	24 52	3 17	7 22	1 34	3 36	1 27	3 53	1 16	14 13	0 54	20 32	0 30	5 3	1 12	16 21	1 8	11 36	11 17	10 19	13 28	0 37
S 8	16 35	5 31	1 54	24 56	3 17	7 48	1 35	3 22	1 27	3 54	1 16	14 13	0 54	20 32	0 30	5 3	1 12	16 21	1 9	11 36	11 16	10 21	13 27	0 37
S 9	16 52	9 57	0 34	24 57	3 15	8 15	1 35	3 8	1 28	3 54	1 16	14 12	0 54	20 31	0 30	5 2	1 12	16 21	1 9	11 36	11 15	10 22	13 26	0 37
M10	17 8	13 48	0s50	24 57	3 12	8 42	1 35	2 55	1 28	3 55	1 16	14 12	0 54	20 31	0 30	5 2	1 12	16 21	1 9	11 36	11 14	10 24	13 25	0 37
T 11	17 25	16 42	2 9	24 54	3 9	9 8	1 35	2 41	1 29	3 55	1 15	14 11	0 54	20 31	0 30	5 1	1 12	16 21	1 9	11 36	11 13	10 25	13 24	0 37
W12	17 40	18 25	3 19	24 49	3 3	9 34	1 35	2 27	1 29	3 56	1 15	14 11	0 54	20 30	0 30	5 1	1 12	16 21	1 9	11 35	11 12	10 27	13 23	0 37
T 13	17 56	18 52	4 15	24 42	2 57	10 0	1 35	2 13	1 29	3 56	1 15	14 10	0 54	20 30	0 30	5 0	1 12	16 21	1 9	11 34	11 11	10 28	13 22	0 37
F 14	18 11	18 5	4 53	24 32	2 49	10 26	1 34	2 0	1 30	3 56	1 15	14 10	0 54	20 29	0 30	5 0	1 12	16 21	1 9	11 33	11 10	10 30	13 21	0 38
S 15	18 26	16 15	5 12	24 18	2 39	10 51	1 34	1 46	1 30	3 56	1 15	14 9	0 54	20 29	0 30	4 59	1 12	16 22	1 9	11 32	11 9	10 32	13 20	0 38
S 16	18 41	13 36	5 14	24 2	2 28	11 16	1 34	1 32	1 31	3 56	1 14	14 9	0 54	20 29	0 30	4 59	1 12	16 22	1 9	11 32	11 7	10 33	13 19	0 38
M17	18 55	10 22	5 0	23 43	2 15	11 42	1 33	1 19	1 31	3 56	1 14	14 8	0 54	20 28	0 30	4 58	1 12	16 22	1 9	11 31	11 6	10 35	13 18	0 38
T 18	19 9	6 45	4 32	23 21	2 1	12 6	1 33	1 5	1 31	3 56	1 14	14 7	0 54	20 28	0 30	4 58	1 12	16 22	1 9	11 31	11 5	10 36	13 18	0 38
W19	19 23	2 56	3 51	22 55	1 45	12 31	1 32	0 52	1 32	3 55	1 14	14 7	0 54	20 27	0 30	4 58	1 12	16 22	1 10	11 32	11 4	10 38	13 17	0 38
T 20	19 36	0s56	3 2	22 26	1 27	12 55	1 32	0 38	1 32	3 55	1 14	14 6	0 54	20 27	0 30	4 57	1 12	16 22	1 10	11 32	11 3	10 39	13 16	0 38
F 21	19 49	4 44	2 5	21 55	1 8	13 19	1 31	0 25	1 33	3 55	1 14	14 5	0 54	20 26	0 30	4 57	1 12	16 22	1 10	11 33	11 2	10 41	13 15	0 38
S 22	20 2	8 20	1 3	21 21	0 48	13 42	1 30	0 11	1 33	3 54	1 13	14 4	0 54	20 26	0 30	4 56	1 12	16 22	1 10	11 33	11 1	10 42	13 14	0 38
S 23	20 14	11 36	0n 1	20 46	0 28	14 6	1 30	0s 2	1 33	3 54	1 13	14 3	0 54	20 25	0 30	4 56	1 12	16 22	1 10	11 33	11 0	10 44	13 13	0 38
M24	20 26	14 25	1 5	20 11	0 7	14 29	1 29	0 16	1 34	3 53	1 13	14 2	0 54	20 25	0 30	4 56	1 12	16 22	1 10	11 33	10 59	10 45	13 12	0 38
T 25	20 37	16 39	2 7	19 35	0n13	14 51	1 28	0 29	1 34	3 52	1 13	14 1	0 54	20 24	0 29	4 55	1 12	16 23	1 10	11 32	10 57	10 47	13 11	0 38
W26	20 48	18 11	3 4	19 1	0 33	15 13	1 27	0 42	1 35	3 51	1 13	14 1	0 54	20 24	0 29	4 55	1 12	16 23	1 10	11 31	10 56	10 48	13 11	0 38
T 27	20 59	18 53	3 53	18 29	0 52	15 35	1 26	0 56	1 35	3 50	1 12	14 0	0 54	20 23	0 29	4 55	1 12	16 23	1 10	11 29	10 55	10 50	13 10	0 38
F 28	21 10	18 41	4 32	18 1	1 9	15 57	1 25	1 9	1 35	3 49	1 12	13 59	0 54	20 23	0 29	4 54	1 12	16 23	1 10	11 27	10 54	10 51	13 9	0 38
S 29	21 20	17 34	4 58	17 36	1 24	16 18	1 23	1 22	1 36	3 48	1 12	13 57	0 54	20 22	0 29	4 54	1 12	16 23	1 10	11 24	10 53	10 53	13 8	0 39
S 30	21s29	15s34	5n10	17s15	1n38	16s38	1n22	1s35	1n36	3s47	1s12	13s56	0s54	20s22	0s29	4n54	1s12	16n23	1n11	11s22	10s52	10s54	13n 7	0s39

Julian Day Number = 3061804.5, Delta T = 02h31m55s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'52, Lahiri = 47°16'53

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ASTRODIENST EPHEMERIS for the year 3670
geocentric

DECEMBER 3670 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 43 32	9♐16'13	9♒40	24°R39	22♏43	8♎21	23♓13	24♒59	0♒27	15°R22	18°R 5	29°R55	28♎30	28♎50	6°R59	M 1
T 2	4 47 28	10°16'16	22°57	24°D31	23°58	8°56	23°16	25° 3	0°29	15♈21	18♌ 5	29♎52	28°27	28°56	6♉57	T 2
W 3	4 51 25	11°16'21	6♓30	24♏34	25°13	9°30	23°19	25° 6	0°32	15°20	18° 4	29°D51	28°24	29° 3	6°54	W 3
T 4	4 55 21	12°16'27	20°19	24°48	26°28	10° 4	23°22	25°10	0°35	15°19	18° 4	29°51	28°21	29°10	6°52	T 4
F 5	4 59 18	13°16'35	4♈25	25°12	27°43	10°38	23°26	25°13	0°37	15°19	18° 3	29°52	28°17	29°16	6°50	F 5
S 6	5 3 14	14°16'44	18°48	25°46	28°58	11°12	23°29	25°17	0°40	15°18	18° 3	29°53	28°14	29°23	6°48	S 6
S 7	5 7 11	15°16'55	3♉24	26°28	0♑13	11°46	23°33	25°21	0°43	15°17	18° 3	29°R53	28°11	29°30	6°46	S 7
M 8	5 11 8	16°17'07	18°10	27°17	1°28	12°20	23°37	25°25	0°46	15°17	18° 2	29°52	28° 8	29°36	6°44	M 8
T 9	5 15 4	17°17'20	3♊ 0	28°12	2°43	12°53	23°41	25°29	0°48	15°16	18° 2	29°49	28° 5	29°43	6°42	T 9
W10	5 19 1	18°17'35	17°45	29°14	3°58	13°27	23°46	25°33	0°51	15°16	18° 1	29°43	28° 2	29°50	6°40	W10
T 11	5 22 57	19°17'52	2♋19	0♑21	5°13	14° 1	23°50	25°37	0°54	15°15	18° 0	29°35	27°58	29°56	6°38	T 11
F 12	5 26 54	20°18'10	16°33	1°31	6°28	14°34	23°55	25°41	0°57	15°15	18° 0	29°27	27°55	0♏ 3	6°36	F 12
S 13	5 30 50	21°18'30	0♌23	2°46	7°43	15° 7	24° 0	25°45	1° 0	15°14	17°59	29°18	27°52	0° 9	6°35	S 13
S 14	5 34 47	22°18'52	13°47	4° 4	8°58	15°40	24° 5	25°50	1° 3	15°14	17°59	29°11	27°49	0°16	6°33	S 14
M15	5 38 44	23°19'16	26°45	5°24	10°13	16°13	24°10	25°54	1° 6	15°13	17°58	29° 5	27°46	0°23	6°31	M15
T 16	5 42 40	24°19'41	9♍19	6°47	11°29	16°46	24°16	25°58	1° 9	15°13	17°57	29° 2	27°42	0°29	6°30	T 16
W17	5 46 37	25°20'08	21°34	8°11	12°44	17°19	24°21	26° 3	1°12	15°13	17°57	29°D 0	27°39	0°36	6°28	W17
T 18	5 50 33	26°20'36	3♎34	9°37	13°59	17°52	24°27	26° 8	1°15	15°12	17°56	29° 0	27°36	0°43	6°26	T 18
F 19	5 54 30	27°21'07	15°24	11° 5	15°14	18°25	24°33	26°12	1°18	15°12	17°55	29° 1	27°33	0°49	6°25	F 19
S 20	5 58 26	28°21'39	27°11	12°33	16°29	18°57	24°39	26°17	1°22	15°12	17°54	29°R 2	27°30	0°56	6°23	S 20
S 21	6 2 23	29°22'12	8♏59	14° 3	17°45	19°30	24°46	26°22	1°25	15°12	17°54	29° 1	27°27	1° 3	6°22	S 21
M22	6 6 19	0♑22'48	20°53	15°33	19° 0	20° 2	24°52	26°27	1°28	15°12	17°53	28°59	27°23	1° 9	6°21	M22
T 23	6 10 16	1°23'24	2♑56	17° 4	20°15	20°34	24°59	26°32	1°31	15°12	17°52	28°54	27°20	1°16	6°19	T 23
W24	6 14 13	2°24'03	15°11	18°36	21°30	21° 6	25° 6	26°37	1°34	15°11	17°51	28°46	27°17	1°23	6°18	W24
T 25	6 18 9	3°24'42	27°41	20° 7	22°46	21°38	25°13	26°42	1°38	15°11	17°50	28°36	27°14	1°29	6°17	T 25
F 26	6 22 6	4°25'23	10♑24	21°40	24° 1	22°10	25°20	26°47	1°41	15°D11	17°50	28°24	27°11	1°36	6°16	F 26
S 27	6 26 2	5°26'06	23°22	23°12	25°16	22°42	25°27	26°53	1°44	15°11	17°49	28°11	27° 8	1°43	6°15	S 27
S 28	6 29 59	6°26'49	6♒33	24°45	26°32	23°14	25°35	26°58	1°48	15°11	17°48	28° 0	27° 4	1°49	6°13	S 28
M29	6 33 55	7°27'33	19°55	26°17	27°47	23°45	25°42	27° 3	1°51	15°12	17°47	27°50	27° 1	1°56	6°12	M29
T 30	6 37 52	8°28'18	3♓27	27°50	29° 2	24°16	25°50	27° 9	1°54	15°12	17°46	27°43	26°58	2° 2	6°11	T 30
W31	6 41 48	9♑29'04	17♓ 8	29♑23	0♑18	24♎48	25♓58	27♒14	1♒58	15♈12	17♌45	27♎38	26♎55	2♏ 9	6♉11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s38	12s45	5n 6	16s59	1n49	16s59	1n21	1s48	1n37	3s46	1s12	13s55	0s54	20s21	0s29	4n53	1s12	16n24	1n11	11s21	10s51	10s56	13n 7	0s39
T 2	21 47	9 14	4 46	16 48	1 59	17 18	1 20	2 1	1 37	3 45	1 11	13 54	0 54	20 21	0 29	4 53	1 12	16 24	1 11	11 19	10 50	10 57	13 6	0 39
W 3	21 56	5 10	4 10	16 41	2 7	17 38	1 18	2 14	1 37	3 43	1 11	13 53	0 54	20 20	0 29	4 53	1 12	16 24	1 11	11 19	10 48	10 59	13 5	0 39
T 4	22 4	0 46	3 18	16 39	2 13	17 57	1 17	2 27	1 38	3 42	1 11	13 52	0 54	20 19	0 29	4 53	1 12	16 24	1 11	11 19	10 47	11 0	13 4	0 39
F 5	22 11	3n47	2 14	16 40	2 17	18 15	1 15	2 40	1 38	3 40	1 11	13 51	0 54	20 19	0 29	4 52	1 12	16 24	1 11	11 19	10 46	11 2	13 4	0 39
S 6	22 18	8 13	1 0	16 45	2 20	18 33	1 14	2 53	1 38	3 39	1 11	13 49	0 54	20 18	0 29	4 52	1 12	16 25	1 11	11 20	10 45	11 3	13 3	0 39
S 7	22 25	12 14	0s19	16 53	2 21	18 50	1 12	3 6	1 39	3 37	1 11	13 48	0 54	20 18	0 29	4 52	1 12	16 25	1 11	11 20	10 44	11 5	13 2	0 39
M 8	22 31	15 32	1 37	17 4	2 22	19 7	1 10	3 18	1 39	3 35	1 10	13 47	0 54	20 17	0 29	4 52	1 12	16 25	1 11	11 19	10 43	11 6	13 1	0 39
T 9	22 37	17 48	2 49	17 18	2 20	19 23	1 9	3 31	1 40	3 34	1 10	13 45	0 54	20 16	0 29	4 52	1 12	16 25	1 11	11 18	10 42	11 8	13 1	0 39
W10	22 43	18 52	3 49	17 33	2 18	19 39	1 7	3 43	1 40	3 32	1 10	13 44	0 54	20 16	0 29	4 51	1 12	16 26	1 11	11 16	10 41	11 9	13 0	0 39
T 11	22 48	18 39	4 33	17 50	2 15	19 55	1 5	3 56	1 40	3 30	1 10	13 43	0 54	20 15	0 29	4 51	1 12	16 26	1 12	11 14	10 39	11 11	12 59	0 39
F 12	22 52	17 15	4 59	18 8	2 12	20 9	1 3	4 8	1 41	3 28	1 10	13 41	0 54	20 14	0 29	4 51	1 11	16 26	1 12	11 11	10 38	11 12	12 59	0 39
S 13	22 56	14 53	5 7	18 26	2 7	20 23	1 1	4 21	1 41	3 26	1 9	13 40	0 54	20 14	0 29	4 51	1 11	16 26	1 12	11 8	10 37	11 14	12 58	0 39
S 14	23 0	11 47	4 57	18 46	2 2	20 37	0 59	4 33	1 42	3 23	1 9	13 38	0 54	20 13	0 29	4 51	1 11	16 27	1 12	11 5	10 36	11 15	12 58	0 39
M15	23 3	8 13	4 32	19 5	1 57	20 50	0 57	4 45	1 42	3 21	1 9	13 37	0 54	20 12	0 29	4 51	1 11	16 27	1 12	11 3	10 35	11 17	12 57	0 39
T 16	23 6	4 22	3 55	19 25	1 51	21 2	0 55	4 57	1 42	3 19	1 9	13 35	0 54	20 12	0 29	4 51	1 11	16 27	1 12	11 2	10 34	11 18	12 56	0 39
W17	23 8	0 26	3 7	19 45	1 45	21 14	0 53	5 9	1 43	3 17	1 9	13 34	0 54	20 11	0 29	4 50	1 11	16 28	1 12	11 1	10 33	11 20	12 56	0 40
T 18	23 10	3s26	2 12	20 4	1 38	21 25	0 51	5 21	1 43	3 14	1 9	13 32	0 54	20 10	0 29	4 50	1 11	16 28	1 12	11 1	10 32	11 21	12 55	0 40
F 19	23 12	7 8	1 13	20 23	1 32	21 36	0 49	5 33	1 44	3 12	1 8	13 31	0 54	20 10	0 29	4 50	1 11	16 28	1 12	11 2	10 30	11 23	12 55	0 40
S 20	23 13	10 32	0 10	20 42	1 25	21 46	0 47	5 45	1 44	3 9	1 8	13 29	0 54	20 9	0 29	4 50	1 11	16 28	1 12	11 2	10 29	11 24	12 54	0 40
S 21	23 13	13 31	0n53	21 0	1 18	21 55	0 45	5 57	1 44	3 6	1 8	13 27	0 54	20 8	0 29	4 50	1 11	16 29	1 12	11 2	10 28	11 26	12 54	0 40
M22	23 13	15 58	1 54	21 17	1 10	22 4	0 42	6 9	1 45	3 4	1 8	13 26	0 54	20 8	0 29	4 50	1 11	16 29	1 13	11 1	10 27	11 27	12 53	0 40
T 23	23 13	17 46	2 51	21 33	1 3	22 12	0 40	6 20	1 45	3 1	1 8	13 24	0 54	20 7	0 29	4 50	1 11	16 29	1 13	10 59	10 26	11 29	12 53	0 40
W24	23 12	18 45	3 40	21 49	0 56	22 19	0 38	6 32	1 45	2 58	1 8	13 22	0 54	20 6	0 29	4 50	1 11	16 30	1 13	10 56	10 25	11 30	12 52	0 40
T 25	23 11	18 52	4 20	22 3	0 48	22 26	0 36	6 43	1 46	2 55	1 7	13 21	0 54	20 5	0 29	4 50	1 11	16 30	1 13	10 53	10 24	11 32	12 52	0 40
F 26	23 9	18 2	4 48	22 17	0 41	22 32	0 33	6 55	1 46	2 52	1 7	13 19	0 54	20 5	0 29	4 50	1 11	16 30	1 13	10 48	10 23	11 33	12 51	0 40
S 27	23 7	16 16	5 1	22 30	0 33	22 37	0 31	7 6	1 47	2 49	1 7	13 17	0 54	20 4	0 29	4 50	1 11	16 31	1 13	10 44	10 21	11 34	12 51	0 40
S 28	23 4	13 38	4 59	22 41	0 26	22 42	0 29	7 17	1 47	2 46	1 7	13 15	0 54	20 3	0 29	4 50	1 11	16 31	1 13	10 40	10 20	11 36	12 51	0 40
M29	23 1	10 16	4 41	22 52	0 19	22 46	0 26	7 28	1 47	2 43	1 7	13 13	0 54	20 3	0 29	4 50	1 11	16 32	1 13	10 36	10 19	11 37	12 50	0 40
T 30	22 57	6 19	4 6	23 1	0 11	22 49	0 24	7 39	1 48	2 40	1 7	13 12	0 54	20 2	0 29	4 50	1 11	16 32	1 13	10 34	10 18	11 39	12 50	0 40
W31	22s53	2s 0	3n17	23s 9	0n 4	22s52	0n22	7s50	1n48	2s36	1s 6	13s10	0s54	20s 1	0s29	4n51	1s11	16n32	1n13	10s32	10s17	11s40	12n50	0s40

Julian Day Number = 3061834.5, Delta T = 02h31m56s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°09'56, Lahiri = 47°16'57

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

JANUARY 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 45 45	10♑29'51	0♈59	0♑56	1♑33	25♎19	26♓ 6	27♒20	2♒ 1	15♈12	17°R44	27°R36	26♎52	2♏16	6°R10	T 1
F 2	6 49 42	11°30'39	14°57	2°30	2°49	25°49	26°14	27°26	2° 5	15°12	17♌43	27°D36	26°48	2°22	6♉ 9	F 2
S 3	6 53 38	12°31'27	29° 4	4° 3	4° 4	26°20	26°23	27°31	2° 8	15°13	17°42	27°R36	26°45	2°29	6° 8	S 3
S 4	6 57 35	13°32'16	13♉19	5°36	5°19	26°51	26°31	27°37	2°12	15°13	17°41	27♎35	26°42	2°36	6° 8	S 4
M 5	7 1 31	14°33'05	27°39	7°10	6°35	27°21	26°40	27°43	2°15	15°13	17°40	27°32	26°39	2°42	6° 7	M 5
T 6	7 5 28	15°33'56	12♊ 2	8°43	7°50	27°52	26°49	27°49	2°19	15°14	17°39	27°27	26°36	2°49	6° 6	T 6
W 7	7 9 24	16°34'47	26°23	10°16	9° 5	28°22	26°58	27°55	2°22	15°14	17°38	27°18	26°33	2°56	6° 6	W 7
T 8	7 13 21	17°35'39	10♋36	11°50	10°21	28°52	27° 7	28° 1	2°26	15°14	17°37	27° 7	26°29	3° 2	6° 5	T 8
F 9	7 17 18	18°36'32	24°35	13°24	11°36	29°22	27°16	28° 7	2°29	15°15	17°36	26°54	26°26	3° 9	6° 5	F 9
S 10	7 21 14	19°37'25	8♌16	14°57	12°52	29°51	27°25	28°13	2°33	15°15	17°34	26°41	26°23	3°16	6° 5	S 10
S 11	7 25 11	20°38'20	21°36	16°31	14° 7	0♏21	27°35	28°19	2°36	15°16	17°33	26°30	26°20	3°22	6° 4	S 11
M12	7 29 7	21°39'15	4♍32	18° 5	15°23	0°50	27°44	28°25	2°40	15°17	17°32	26°20	26°17	3°29	6° 4	M12
T 13	7 33 4	22°40'11	17° 7	19°39	16°38	1°19	27°54	28°31	2°43	15°17	17°31	26°13	26°14	3°35	6° 4	T 13
W14	7 37 0	23°41'08	29°23	21°14	17°53	1°49	28° 4	28°38	2°47	15°18	17°30	26° 9	26°10	3°42	6° 4	W14
T 15	7 40 57	24°42'06	11♎25	22°48	19° 9	2°17	28°14	28°44	2°51	15°18	17°29	26° 8	26° 7	3°49	6° 4	T 15
F 16	7 44 53	25°43'04	23°16	24°23	20°24	2°46	28°24	28°50	2°54	15°19	17°27	26° 7	26° 4	3°55	6°D 4	F 16
S 17	7 48 50	26°44'04	5♏ 4	25°58	21°40	3°15	28°34	28°57	2°58	15°20	17°26	26° 7	26° 1	4° 2	6° 4	S 17
S 18	7 52 47	27°45'04	16°53	27°33	22°55	3°43	28°44	29° 3	3° 1	15°21	17°25	26° 6	25°58	4° 9	6° 4	S 18
M19	7 56 43	28°46'06	28°48	29° 8	24°11	4°11	28°55	29°10	3° 5	15°21	17°24	26° 3	25°54	4°15	6° 4	M19
T 20	8 0 40	29°47'07	10♐56	0♒43	25°26	4°39	29° 5	29°16	3° 9	15°22	17°23	25°58	25°51	4°22	6° 4	T 20
W21	8 4 36	0♒48'10	23°19	2°19	26°42	5° 7	29°16	29°23	3°12	15°23	17°21	25°49	25°48	4°29	6° 4	W21
T 22	8 8 33	1°49'13	6♑ 0	3°55	27°57	5°34	29°27	29°29	3°16	15°24	17°20	25°38	25°45	4°35	6° 5	T 22
F 23	8 12 29	2°50'17	19° 1	5°31	29°13	6° 1	29°38	29°36	3°19	15°25	17°19	25°26	25°42	4°42	6° 5	F 23
S 24	8 16 26	3°51'21	2♒20	7° 8	0♒28	6°28	29°49	29°42	3°23	15°26	17°18	25°12	25°39	4°49	6° 6	S 24
S 25	8 20 22	4°52'25	15°55	8°45	1°44	6°55	29°59	29°49	3°27	15°27	17°16	24°59	25°35	4°55	6° 6	S 25
M26	8 24 19	5°53'29	29°43	10°22	2°59	7°22	0♈11	29°56	3°30	15°28	17°15	24°48	25°32	5° 2	6° 7	M26
T 27	8 28 16	6°54'34	13♓41	11°59	4°15	7°48	0°22	0♓ 3	3°34	15°29	17°14	24°40	25°29	5° 9	6° 7	T 27
W28	8 32 12	7°55'38	27°44	13°37	5°30	8°15	0°34	0° 9	3°37	15°30	17°13	24°35	25°26	5°15	6° 8	W28
T 29	8 36 9	8°56'43	11♈49	15°15	6°46	8°40	0°45	0°16	3°41	15°31	17°11	24°32	25°23	5°22	6° 9	T 29
F 30	8 40 5	9°57'47	25°55	16°53	8° 1	9° 6	0°57	0°23	3°45	15°33	17°10	24°D32	25°19	5°28	6° 9	F 30
S 31	8 44 2	10♒58'51	10♉ 1	18♒32	9♒17	9♏32	1♈ 9	0♓30	3♒48	15♈34	17♌ 9	24°R32	25♎16	5♏35	6♉10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	2n28	2n16	23s16	0s 3	22s54	0n19	8s 1	1n49	2s33	1s 6	13s 8	0s54	20s 0	0s29	4n51	1s11	16n33	1n13	10s32	10s16	11s42	12n49	0s40
F 2	22 44	6 52	1 7	23 22	0 10	22 55	0 17	8 12	1 49	2 30	1 6	13 6	0 54	20 0	0 29	4 51	1 11	16 33	1 14	10 31	10 15	11 43	12 49	0 40
S 3	22 38	10 55	0s 8	23 27	0 17	22 55	0 14	8 22	1 49	2 26	1 6	13 4	0 54	19 59	0 29	4 51	1 11	16 33	1 14	10 32	10 13	11 44	12 49	0 40
S 4	22 32	14 23	1 22	23 30	0 24	22 55	0 12	8 33	1 50	2 23	1 6	13 2	0 54	19 58	0 29	4 51	1 11	16 34	1 14	10 31	10 12	11 46	12 48	0 40
M 5	22 26	16 59	2 32	23 32	0 31	22 54	0 9	8 43	1 50	2 19	1 6	13 0	0 54	19 57	0 29	4 51	1 11	16 34	1 14	10 30	10 11	11 47	12 48	0 40
T 6	22 19	18 31	3 32	23 33	0 37	22 53	0 7	8 54	1 50	2 16	1 5	12 58	0 54	19 56	0 29	4 51	1 11	16 35	1 14	10 28	10 10	11 49	12 48	0 40
W 7	22 12	18 52	4 19	23 33	0 43	22 50	0 5	9 4	1 51	2 12	1 5	12 56	0 54	19 56	0 29	4 52	1 11	16 35	1 14	10 25	10 9	11 50	12 48	0 41
T 8	22 5	18 1	4 48	23 32	0 50	22 47	0 2	9 14	1 51	2 8	1 5	12 54	0 54	19 55	0 29	4 52	1 11	16 35	1 14	10 21	10 8	11 52	12 47	0 41
F 9	21 57	16 5	5 0	23 29	0 56	22 44	0s 0	9 24	1 52	2 4	1 5	12 52	0 54	19 54	0 29	4 52	1 11	16 36	1 14	10 17	10 7	11 53	12 47	0 41
S 10	21 48	13 17	4 55	23 25	1 2	22 39	0 3	9 34	1 52	2 1	1 5	12 50	0 54	19 53	0 29	4 52	1 11	16 36	1 14	10 12	10 5	11 54	12 47	0 41
S 11	21 39	9 52	4 33	23 20	1 8	22 34	0 5	9 44	1 52	1 57	1 5	12 48	0 54	19 52	0 29	4 52	1 10	16 37	1 14	10 8	10 4	11 56	12 47	0 41
M12	21 30	6 4	3 57	23 13	1 13	22 28	0 8	9 54	1 53	1 53	1 5	12 46	0 54	19 52	0 29	4 53	1 10	16 37	1 14	10 4	10 3	11 57	12 47	0 41
T 13	21 20	2 6	3 11	23 5	1 18	22 22	0 10	10 4	1 53	1 49	1 4	12 43	0 54	19 51	0 29	4 53	1 10	16 38	1 14	10 2	10 2	11 59	12 47	0 41
W14	21 10	1s51	2 17	22 56	1 24	22 15	0 12	10 13	1 53	1 45	1 4	12 41	0 54	19 50	0 29	4 53	1 10	16 38	1 14	10 1	10 1	12 0	12 47	0 41
T 15	20 59	5 40	1 17	22 46	1 29	22 7	0 15	10 23	1 54	1 41	1 4	12 39	0 54	19 49	0 29	4 53	1 10	16 38	1 15	10 0	10 0	12 1	12 47	0 41
F 16	20 48	9 12	0 15	22 35	1 33	21 58	0 17	10 32	1 54	1 37	1 4	12 37	0 54	19 48	0 29	4 54	1 10	16 39	1 15	10 0	9 59	12 3	12 47	0 41
S 17	20 37	12 21	0n47	22 22	1 38	21 49	0 20	10 41	1 55	1 33	1 4	12 35	0 54	19 48	0 29	4 54	1 10	16 39	1 15	10 0	9 57	12 4	12 47	0 41
S 18	20 25	15 0	1 48	22 8	1 42	21 39	0 22	10 50	1 55	1 28	1 4	12 33	0 54	19 47	0 29	4 54	1 10	16 40	1 15	9 59	9 56	12 6	12 47	0 41
M19	20 13	17 3	2 44	21 52	1 46	21 29	0 24	10 59	1 55	1 24	1 4	12 30	0 54	19 46	0 29	4 55	1 10	16 40	1 15	9 58	9 55	12 7	12 47	0 41
T 20	20 1	18 21	3 34	21 36	1 50	21 18	0 27	11 8	1 56	1 20	1 3	12 28	0 54	19 45	0 29	4 55	1 10	16 41	1 15	9 56	9 54	12 8	12 47	0 41
W21	19 48	18 49	4 14	21 18	1 53	21 6	0 29	11 17	1 56	1 16	1 3	12 26	0 54	19 44	0 29	4 55	1 10	16 41	1 15	9 53	9 53	12 10	12 47	0 41
T 22	19 34	18 22	4 43	20 59	1 56	20 53	0 31	11 26	1 56	1 11	1 3	12 24	0 54	19 43	0 29	4 56	1 10	16 42	1 15	9 49	9 52	12 11	12 47	0 41
F 23	19 21	16 57	4 59	20 39	1 59	20 40	0 33	11 34	1 57	1 7	1 3	12 21	0 54	19 43	0 29	4 56	1 10	16 42	1 15	9 45	9 51	12 13	12 47	0 41
S 24	19 7	14 37	4 58	20 17	2 2	20 27	0 36	11 43	1 57	1 2	1 3	12 19	0 54	19 42	0 29	4 57	1 10	16 42	1 15	9 40	9 49	12 14	12 47	0 41
S 25	18 52	11 26	4 41	19 54	2 4	20 12	0 38	11 51	1 58	0 58	1 3	12 17	0 54	19 41	0 29	4 57	1 10	16 43	1 15	9 35	9 48	12 15	12 47	0 41
M26	18 38	7 36	4 7	19 30	2 6	19 58	0 40	11 59	1 58	0 53	1 3	12 14	0 54	19 40	0 29	4 57	1 10	16 43	1 15	9 31	9 47	12 17	12 47	0 41
T 27	18 23	3 18	3 18	19 5	2 7	19 42	0 42	12 7	1 58	0 49	1 3	12 12	0 54	19 39	0 29	4 58	1 10	16 44	1 15	9 28	9 46	12 18	12 47	0 41
W28	18 7	1n12	2 17	18 38	2 8	19 26	0 44	12 15	1 59	0 44	1 3	12 10	0 54	19 39	0 29	4 58	1 10	16 44	1 16	9 26	9 45	12 19	12 48	0 41
T 29	17 51	5 40	1 7	18 10	2 9	19 9	0 46	12 23	1 59	0 39	1 2	12 7	0 54	19 38	0 29	4 59	1 10	16 45	1 16	9 25	9 44	12 21	12 48	0 41
F 30	17 35	9 49	0s 7	17 41	2 9	18 52	0 48	12 31	1 59	0 35	1 2	12 5	0 54	19 37	0 29	4 59	1 10	16 45	1 16	9 25	9 43	12 22	12 48	0 41
S 31	17s19	13n24	1s21	17s11	2s 9	18s35	0s50	12s38	2n 0	0s30	1s 2	12s 3	0s54	19s36	0s29	5n 0	1s10	16n46	1n16	9s25	9s41	12s24	12n48	0s41

Julian Day Number = 3061865.5, Delta T = 02h31m56s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'01, Lahiri = 47°17'01

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

FEBRUARY 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 47 58	11♒59'54	24♉ 5	20♒11	10♒32	9♏57	1♈21	0♓37	3♒52	15♈35	17°R 7	24°R31	25♎13	5♏42	6♉11	S 1
M 2	8 51 55	13° 0'58	8♊ 6	21°49	11°48	10°22	1°32	0°44	3°55	15°36	17♌ 6	24♎29	25°10	5°48	6°12	M 2
T 3	8 55 51	14° 2'01	22° 5	23°29	13° 3	10°46	1°44	0°51	3°59	15°37	17° 5	24°24	25° 7	5°55	6°13	T 3
W 4	8 59 48	15° 3'04	5♋58	25° 8	14°19	11°11	1°57	0°58	4° 3	15°39	17° 4	24°16	25° 4	6° 2	6°14	W 4
T 5	9 3 45	16° 4'06	19°43	26°47	15°34	11°35	2° 9	1° 5	4° 6	15°40	17° 2	24° 6	25° 0	6° 8	6°15	T 5
F 6	9 7 41	17° 5'09	3♌17	28°26	16°50	11°59	2°21	1°12	4°10	15°41	17° 1	23°54	24°57	6°15	6°16	F 6
S 7	9 11 38	18° 6'10	16°37	0♓ 5	18° 5	12°22	2°33	1°19	4°13	15°43	17° 0	23°43	24°54	6°22	6°18	S 7
S 8	9 15 34	19° 7'12	29°41	1°44	19°21	12°46	2°46	1°26	4°17	15°44	16°58	23°32	24°51	6°28	6°19	S 8
M 9	9 19 31	20° 8'13	12♍27	3°22	20°36	13° 9	2°58	1°33	4°20	15°46	16°57	23°23	24°48	6°35	6°20	M 9
T 10	9 23 27	21° 9'15	24°56	5° 0	21°52	13°31	3°11	1°40	4°24	15°47	16°56	23°16	24°45	6°42	6°22	T 10
W11	9 27 24	22°10'16	7♎ 9	6°37	23° 7	13°54	3°23	1°47	4°27	15°49	16°54	23°12	24°41	6°48	6°23	W11
T 12	9 31 20	23°11'16	19°10	8°13	24°23	14°16	3°36	1°54	4°31	15°50	16°53	23°D11	24°38	6°55	6°24	T 12
F 13	9 35 17	24°12'17	1♏ 2	9°48	25°38	14°38	3°49	2° 1	4°34	15°52	16°52	23°11	24°35	7° 2	6°26	F 13
S 14	9 39 14	25°13'18	12°49	11°21	26°53	14°59	4° 2	2° 8	4°38	15°53	16°51	23°12	24°32	7° 8	6°28	S 14
S 15	9 43 10	26°14'18	24°38	12°52	28° 9	15°20	4°15	2°15	4°41	15°55	16°49	23°R13	24°29	7°15	6°29	S 15
M16	9 47 7	27°15'18	6♐34	14°21	29°24	15°41	4°28	2°23	4°45	15°57	16°48	23°12	24°25	7°21	6°31	M16
T 17	9 51 3	28°16'18	18°42	15°46	0♓40	16° 1	4°41	2°30	4°48	15°58	16°47	23°10	24°22	7°28	6°33	T 17
W18	9 55 0	29°17'17	1♑ 7	17° 8	1°55	16°21	4°54	2°37	4°51	16° 0	16°45	23° 5	24°19	7°35	6°34	W18
T 19	9 58 56	0♓18'17	13°52	18°26	3°11	16°41	5° 7	2°44	4°55	16° 2	16°44	22°58	24°16	7°41	6°36	T 19
F 20	10 2 53	1°19'15	27° 1	19°40	4°26	17° 0	5°20	2°51	4°58	16° 3	16°43	22°50	24°13	7°48	6°38	F 20
S 21	10 6 49	2°20'14	10♒32	20°47	5°42	17°19	5°34	2°58	5° 1	16° 5	16°42	22°41	24°10	7°55	6°40	S 21
S 22	10 10 46	3°21'11	24°26	21°48	6°57	17°37	5°47	3° 5	5° 5	16° 7	16°40	22°32	24° 6	8° 1	6°42	S 22
M23	10 14 43	4°22'08	8♓38	22°42	8°12	17°55	6° 0	3°13	5° 8	16° 9	16°39	22°25	24° 3	8° 8	6°44	M23
T 24	10 18 39	5°23'04	23° 2	23°28	9°28	18°13	6°14	3°20	5°11	16°11	16°38	22°19	24° 0	8°15	6°46	T 24
W25	10 22 36	6°23'59	7♈33	24° 5	10°43	18°30	6°28	3°27	5°14	16°12	16°37	22°16	23°57	8°21	6°48	W25
T 26	10 26 32	7°24'53	22° 4	24°33	11°59	18°47	6°41	3°34	5°18	16°14	16°36	22°D15	23°54	8°28	6°50	T 26
F 27	10 30 29	8°25'46	6♉31	24°50	13°14	19° 3	6°55	3°41	5°21	16°16	16°34	22°16	23°51	8°35	6°53	F 27
S 28	10 34 25	9♓26'38	20♉50	24°R56	14♓29	19♏19	7♈ 8	3♓48	5♒24	16♈18	16♌33	22♎17	23♎47	8♏41	6♉55	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 2	16n12	2s30	16s40	2s 9	18s16	0s52	12s46	2n 0	0s25	1s 2	12s 0	0s54	19s35	0s29	5n 0	1s10	16n46	1n16	9s25	9s40	12s25	12n48	0s41
M 2	16 45	18 1	3 30	16 7	2 8	17 58	0 54	12 53	2 0	0 21	1 2	11 58	0 54	19 34	0 29	5 1	1 10	16 46	1 16	9 24	9 39	12 26	12 49	0 42
T 3	16 28	18 43	4 16	15 34	2 6	17 38	0 56	13 0	2 1	0 16	1 2	11 55	0 54	19 34	0 29	5 1	1 10	16 47	1 16	9 22	9 38	12 28	12 49	0 42
W 4	16 10	18 18	4 47	14 59	2 5	17 18	0 58	13 7	2 1	0 11	1 2	11 53	0 54	19 33	0 29	5 2	1 10	16 47	1 16	9 20	9 37	12 29	12 49	0 42
T 5	15 53	16 49	5 2	14 23	2 2	16 58	0 59	13 14	2 2	0 6	1 2	11 51	0 54	19 32	0 29	5 2	1 10	16 48	1 16	9 16	9 36	12 30	12 50	0 42
F 6	15 34	14 24	4 59	13 46	1 59	16 37	1 1	13 21	2 2	0 1	1 2	11 48	0 55	19 31	0 29	5 3	1 10	16 48	1 16	9 12	9 35	12 32	12 50	0 42
S 7	15 16	11 16	4 39	13 9	1 55	16 16	1 3	13 28	2 2	0n 4	1 1	11 46	0 55	19 30	0 29	5 3	1 10	16 49	1 16	9 7	9 33	12 33	12 50	0 42
S 8	14 57	7 39	4 5	12 30	1 51	15 54	1 4	13 35	2 3	0 9	1 1	11 43	0 55	19 29	0 29	5 4	1 10	16 49	1 16	9 3	9 32	12 34	12 51	0 42
M 9	14 38	3 45	3 20	11 50	1 46	15 32	1 6	13 41	2 3	0 14	1 1	11 41	0 55	19 29	0 29	5 5	1 10	16 50	1 16	9 0	9 31	12 36	12 51	0 42
T 10	14 19	0s14	2 25	11 9	1 41	15 10	1 8	13 48	2 3	0 19	1 1	11 38	0 55	19 28	0 29	5 5	1 10	16 50	1 16	8 58	9 30	12 37	12 52	0 42
W11	14 0	4 7	1 25	10 28	1 35	14 47	1 9	13 54	2 4	0 24	1 1	11 36	0 55	19 27	0 29	5 6	1 10	16 51	1 16	8 56	9 29	12 38	12 52	0 42
T 12	13 40	7 46	0 22	9 46	1 28	14 23	1 11	14 0	2 4	0 29	1 1	11 33	0 55	19 26	0 29	5 6	1 10	16 51	1 17	8 56	9 28	12 40	12 52	0 42
F 13	13 20	11 4	0n42	9 4	1 20	13 59	1 12	14 6	2 4	0 34	1 1	11 31	0 55	19 25	0 29	5 7	1 9	16 51	1 17	8 56	9 26	12 41	12 53	0 42
S 14	13 0	13 54	1 43	8 21	1 12	13 35	1 13	14 12	2 5	0 39	1 1	11 28	0 55	19 25	0 29	5 8	1 9	16 52	1 17	8 56	9 25	12 42	12 53	0 42
S 15	12 39	16 9	2 41	7 38	1 3	13 11	1 15	14 18	2 5	0 44	1 1	11 26	0 55	19 24	0 30	5 8	1 9	16 52	1 17	8 56	9 24	12 44	12 54	0 42
M16	12 19	17 44	3 31	6 55	0 53	12 46	1 16	14 23	2 5	0 50	1 1	11 23	0 55	19 23	0 30	5 9	1 9	16 53	1 17	8 56	9 23	12 45	12 54	0 42
T 17	11 58	18 32	4 14	6 12	0 42	12 20	1 17	14 29	2 6	0 55	1 1	11 21	0 55	19 22	0 30	5 10	1 9	16 53	1 17	8 55	9 22	12 46	12 55	0 42
W18	11 37	18 28	4 45	5 30	0 30	11 55	1 18	14 34	2 6	1 0	1 1	11 18	0 55	19 21	0 30	5 10	1 9	16 54	1 17	8 54	9 21	12 48	12 55	0 42
T 19	11 16	17 29	5 3	4 48	0 18	11 29	1 19	14 39	2 6	1 5	1 1	11 16	0 55	19 21	0 30	5 11	1 9	16 54	1 17	8 51	9 20	12 49	12 56	0 42
F 20	10 54	15 33	5 6	4 8	0 4	11 2	1 20	14 44	2 6	1 11	1 0	11 13	0 55	19 20	0 30	5 12	1 9	16 55	1 17	8 48	9 18	12 50	12 57	0 42
S 21	10 33	12 44	4 52	3 28	0n10	10 36	1 21	14 49	2 7	1 16	1 0	11 11	0 55	19 19	0 30	5 12	1 9	16 55	1 17	8 45	9 17	12 52	12 57	0 42
S 22	10 11	9 9	4 21	2 51	0 24	10 9	1 22	14 54	2 7	1 21	1 0	11 8	0 55	19 18	0 30	5 13	1 9	16 55	1 17	8 41	9 16	12 53	12 58	0 42
M23	9 49	4 57	3 33	2 16	0 40	9 42	1 23	14 59	2 7	1 26	1 0	11 6	0 55	19 18	0 30	5 14	1 9	16 56	1 17	8 39	9 15	12 54	12 58	0 42
T 24	9 27	0 25	2 31	1 43	0 56	9 14	1 23	15 3	2 8	1 32	1 0	11 3	0 56	19 17	0 30	5 14	1 9	16 56	1 17	8 37	9 14	12 55	12 59	0 42
W25	9 5	4n11	1 19	1 13	1 12	8 47	1 24	15 8	2 8	1 37	1 0	11 1	0 56	19 16	0 30	5 15	1 9	16 57	1 17	8 36	9 13	12 57	13 0	0 42
T 26	8 43	8 32	0 1	0 47	1 29	8 19	1 25	15 12	2 8	1 43	1 0	10 58	0 56	19 15	0 30	5 16	1 9	16 57	1 17	8 35	9 11	12 58	13 0	0 42
F 27	8 20	12 22	1s17	0 25	1 45	7 51	1 25	15 16	2 8	1 48	1 0	10 56	0 56	19 14	0 30	5 17	1 9	16 57	1 17	8 35	9 10	12 59	13 1	0 43
S 28	7s57	15n24	2s29	0s 8	2n 2	7s23	1s26	15s20	2n 9	1n53	1s 0	10s53	0s56	19s14	0s30	5n17	1s 9	16n58	1n17	8s36	9s 9	13s 1	13n 2	0s43

Julian Day Number = 3061896.5, Delta T = 02h31m57s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'05, Lahiri = 47°17'05

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

MARCH 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 22	10♓27'29	4♊59	24°R52	15♓45	19♏35	7♈22	3♓56	5♒27	16♈20	16°R32	22°R18	23♎44	8♏48	6♉57	S 1
M 2	10 42 18	11°28'18	18°56	24♓36	17° 0	19°50	7°36	4° 3	5°30	16°22	16♌31	22♎18	23°41	8°55	6°59	M 2
T 3	10 46 15	12°29'07	2♋42	24° 9	18°15	20° 4	7°50	4°10	5°33	16°24	16°30	22°16	23°38	9° 1	7° 2	T 3
W 4	10 50 11	13°29'53	16°15	23°32	19°31	20°18	8° 4	4°17	5°36	16°26	16°28	22°12	23°35	9° 8	7° 4	W 4
T 5	10 54 8	14°30'39	29°36	22°46	20°46	20°32	8°18	4°24	5°39	16°28	16°27	22° 7	23°31	9°14	7° 7	T 5
F 6	10 58 5	15°31'23	12♌44	21°51	22° 1	20°45	8°32	4°31	5°42	16°30	16°26	22° 1	23°28	9°21	7° 9	F 6
S 7	11 2 1	16°32'06	25°40	20°49	23°16	20°57	8°46	4°38	5°45	16°32	16°25	21°54	23°25	9°28	7°12	S 7
S 8	11 5 58	17°32'47	8♍22	19°43	24°32	21° 9	9° 0	4°45	5°48	16°34	16°24	21°48	23°22	9°34	7°14	S 8
M 9	11 9 54	18°33'27	20°52	18°33	25°47	21°21	9°14	4°52	5°51	16°36	16°23	21°43	23°19	9°41	7°17	M 9
T 10	11 13 51	19°34'06	3♎ 9	17°22	27° 2	21°31	9°28	4°59	5°54	16°38	16°22	21°40	23°16	9°48	7°20	T 10
W11	11 17 47	20°34'44	15°15	16°12	28°17	21°42	9°42	5° 6	5°57	16°40	16°21	21°39	23°12	9°54	7°22	W11
T 12	11 21 44	21°35'21	27°11	15° 5	29°33	21°51	9°56	5°13	6° 0	16°42	16°20	21°D39	23° 9	10° 1	7°25	T 12
F 13	11 25 40	22°35'57	9♏ 2	14° 2	0♈48	22° 1	10°11	5°20	6° 2	16°44	16°19	21°40	23° 6	10° 8	7°28	F 13
S 14	11 29 37	23°36'31	20°49	13° 4	2° 3	22° 9	10°25	5°27	6° 5	16°46	16°18	21°41	23° 3	10°14	7°31	S 14
S 15	11 33 34	24°37'05	2♐38	12°12	3°18	22°17	10°39	5°34	6° 8	16°49	16°17	21°43	23° 0	10°21	7°33	S 15
M16	11 37 30	25°37'37	14°33	11°27	4°33	22°24	10°53	5°41	6°11	16°51	16°16	21°45	22°56	10°28	7°36	M16
T 17	11 41 27	26°38'08	26°40	10°50	5°48	22°31	11° 8	5°48	6°13	16°53	16°15	21°R45	22°53	10°34	7°39	T 17
W18	11 45 23	27°38'38	9♑ 2	10°20	7° 3	22°37	11°22	5°55	6°16	16°55	16°14	21°45	22°50	10°41	7°42	W18
T 19	11 49 20	28°39'07	21°44	9°58	8°18	22°43	11°36	6° 1	6°18	16°57	16°13	21°43	22°47	10°48	7°45	T 19
F 20	11 53 16	29°39'35	4♒51	9°43	9°34	22°47	11°51	6° 8	6°21	16°59	16°12	21°40	22°44	10°54	7°48	F 20
S 21	11 57 13	0♈40'02	18°23	9°36	10°49	22°51	12° 5	6°15	6°23	17° 2	16°11	21°37	22°41	11° 1	7°51	S 21
S 22	12 1 9	1°40'27	2♓22	9°D35	12° 4	22°55	12°20	6°22	6°26	17° 4	16°10	21°34	22°37	11° 8	7°54	S 22
M23	12 5 6	2°40'50	16°44	9°41	13°19	22°57	12°34	6°28	6°28	17° 6	16°10	21°32	22°34	11°14	7°57	M23
T 24	12 9 2	3°41'12	1♈26	9°54	14°34	22°59	12°49	6°35	6°30	17° 8	16° 9	21°30	22°31	11°21	8° 0	T 24
W25	12 12 59	4°41'33	16°19	10°12	15°49	23° 1	13° 3	6°42	6°33	17°10	16° 8	21°D29	22°28	11°27	8° 3	W25
T 26	12 16 56	5°41'52	1♉16	10°36	17° 3	23°R 1	13°18	6°48	6°35	17°13	16° 7	21°29	22°25	11°34	8° 7	T 26
F 27	12 20 52	6°42'09	16° 9	11° 4	18°18	23° 1	13°32	6°55	6°37	17°15	16° 6	21°30	22°22	11°41	8°10	F 27
S 28	12 24 49	7°42'25	0♊51	11°38	19°33	23° 0	13°47	7° 1	6°39	17°17	16° 6	21°31	22°18	11°47	8°13	S 28
S 29	12 28 45	8°42'38	15°17	12°16	20°48	22°58	14° 1	7° 8	6°42	17°19	16° 5	21°32	22°15	11°54	8°16	S 29
M30	12 32 42	9°42'50	29°23	12°58	22° 3	22°56	14°16	7°14	6°44	17°22	16° 4	21°33	22°12	12° 1	8°20	M30
T 31	12 36 38	10♈43'00	13♋ 9	13♓44	23♈18	22♏52	14♈30	7♓21	6♒46	17♈24	16♌ 3	21°R33	22♎ 9	12♏ 7	8♉23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s35	17n28	3s31	0n 5	2n18	6s54	1s26	15s24	2n 9	1n59	1s 0	10s51	0s56	19s13	0s30	5n18	1s 9	16n58	1n18	8s36	9s 8	13s 2	13n 2	0s43
M 2	7 12	18 27	4 20	0 13	2 33	6 25	1 27	15 28	2 9	2 4	1 0	10 48	0 56	19 12	0 30	5 19	1 9	16 59	1 18	8 36	9 7	13 3	13 3	0 43
T 3	6 49	18 19	4 53	0 16	2 48	5 56	1 27	15 31	2 9	2 10	1 0	10 46	0 56	19 12	0 30	5 20	1 9	16 59	1 18	8 36	9 6	13 4	13 4	0 43
W 4	6 26	17 8	5 9	0 14	3 1	5 27	1 27	15 35	2 10	2 15	1 0	10 43	0 56	19 11	0 30	5 20	1 9	16 59	1 18	8 34	9 4	13 6	13 5	0 43
T 5	6 3	15 1	5 8	0 6	3 12	4 58	1 27	15 38	2 10	2 21	1 0	10 41	0 56	19 10	0 30	5 21	1 9	17 0	1 18	8 32	9 3	13 7	13 5	0 43
F 6	5 39	12 11	4 51	0s 6	3 22	4 29	1 28	15 41	2 10	2 26	1 0	10 38	0 56	19 9	0 30	5 22	1 9	17 0	1 18	8 30	9 2	13 8	13 6	0 43
S 7	5 16	8 47	4 19	0 24	3 29	3 59	1 28	15 44	2 10	2 32	1 0	10 36	0 56	19 9	0 30	5 23	1 9	17 1	1 18	8 28	9 1	13 10	13 7	0 43
S 8	4 53	5 2	3 35	0 45	3 35	3 30	1 28	15 47	2 10	2 37	1 0	10 33	0 56	19 8	0 30	5 23	1 9	17 1	1 18	8 25	9 0	13 11	13 8	0 43
M 9	4 29	1 8	2 40	1 9	3 37	3 0	1 28	15 50	2 10	2 43	1 0	10 31	0 56	19 7	0 30	5 24	1 9	17 1	1 18	8 24	8 59	13 12	13 8	0 43
T 10	4 6	2s46	1 40	1 36	3 38	2 30	1 27	15 53	2 11	2 48	1 0	10 29	0 57	19 7	0 30	5 25	1 9	17 2	1 18	8 22	8 57	13 13	13 9	0 43
W11	3 42	6 29	0 35	2 5	3 36	2 1	1 27	15 55	2 11	2 54	1 0	10 26	0 57	19 6	0 30	5 26	1 9	17 2	1 18	8 22	8 56	13 15	13 10	0 43
T 12	3 18	9 54	0n30	2 34	3 31	1 31	1 27	15 57	2 11	2 59	0 59	10 24	0 57	19 5	0 30	5 27	1 9	17 2	1 18	8 22	8 55	13 16	13 11	0 43
F 13	2 55	12 53	1 34	3 4	3 25	1 1	1 27	16 0	2 11	3 5	0 59	10 21	0 57	19 5	0 30	5 27	1 9	17 3	1 18	8 22	8 54	13 17	13 12	0 43
S 14	2 31	15 19	2 34	3 33	3 17	0 31	1 26	16 2	2 11	3 10	0 59	10 19	0 57	19 4	0 30	5 28	1 9	17 3	1 18	8 23	8 53	13 18	13 13	0 43
S 15	2 7	17 7	3 27	4 2	3 7	0 1	1 26	16 4	2 11	3 16	0 59	10 16	0 57	19 3	0 30	5 29	1 9	17 3	1 18	8 23	8 52	13 20	13 13	0 43
M16	1 43	18 10	4 11	4 29	2 57	0n29	1 25	16 6	2 11	3 22	0 59	10 14	0 57	19 3	0 30	5 30	1 9	17 4	1 18	8 24	8 50	13 21	13 14	0 43
T 17	1 20	18 25	4 46	4 54	2 45	0 59	1 25	16 7	2 11	3 27	0 59	10 11	0 57	19 2	0 30	5 31	1 9	17 4	1 18	8 24	8 49	13 22	13 15	0 43
W18	0 56	17 48	5 8	5 17	2 32	1 29	1 24	16 9	2 11	3 33	0 59	10 9	0 57	19 2	0 30	5 31	1 9	17 4	1 18	8 24	8 48	13 23	13 16	0 43
T 19	0 32	16 18	5 15	5 37	2 19	1 59	1 23	16 10	2 11	3 38	0 59	10 7	0 57	19 1	0 30	5 32	1 9	17 5	1 18	8 23	8 47	13 25	13 17	0 43
F 20	0 8	13 54	5 7	5 55	2 5	2 29	1 22	16 11	2 11	3 44	0 59	10 4	0 57	19 0	0 30	5 33	1 9	17 5	1 18	8 22	8 46	13 26	13 18	0 43
S 21	0n16	10 42	4 42	6 11	1 51	2 59	1 22	16 12	2 11	3 49	0 59	10 2	0 58	19 0	0 30	5 34	1 9	17 5	1 18	8 21	8 45	13 27	13 19	0 44
S 22	0 40	6 48	3 59	6 24	1 38	3 29	1 21	16 13	2 11	3 55	0 59	9 59	0 58	18 59	0 30	5 35	1 9	17 6	1 18	8 20	8 43	13 28	13 20	0 44
M23	1 3	2 25	3 1	6 34	1 24	3 59	1 20	16 14	2 11	4 1	0 59	9 57	0 58	18 59	0 30	5 36	1 9	17 6	1 19	8 19	8 42	13 30	13 21	0 44
T 24	1 27	2n14	1 49	6 42	1 10	4 29	1 19	16 15	2 11	4 6	0 59	9 55	0 58	18 58	0 30	5 37	1 9	17 6	1 19	8 19	8 41	13 31	13 22	0 44
W25	1 51	6 48	0 29	6 48	0 57	4 58	1 18	16 15	2 10	4 12	0 59	9 52	0 58	18 57	0 30	5 37	1 9	17 7	1 19	8 18	8 40	13 32	13 23	0 44
T 26	2 15	10 58	0s54	6 51	0 44	5 28	1 16	16 15	2 10	4 17	0 59	9 50	0 58	18 57	0 30	5 38	1 9	17 7	1 19	8 18	8 39	13 33	13 24	0 44
F 27	2 38	14 24	2 13	6 52	0 31	5 57	1 15	16 16	2 10	4 23	0 59	9 48	0 58	18 56	0 30	5 39	1 9	17 7	1 19	8 19	8 38	13 34	13 25	0 44
S 28	3 2	16 51	3 21	6 51	0 18	6 27	1 14	16 16	2 10	4 29	0 59	9 46	0 58	18 56	0 30	5 40	1 9	17 7	1 19	8 19	8 36	13 36	13 26	0 44
S 29	3 25	18 10	4 16	6 48	0 6	6 56	1 13	16 15	2 9	4 34	0 59	9 43	0 58	18 55	0 31	5 41	1 9	17 8	1 19	8 19	8 35	13 37	13 27	0 44
M30	3 49	18 19	4 54	6 43	0s 5	7 25	1 11	16 15	2 9	4 40	0 59	9 41	0 59	18 55	0 31	5 42	1 9	17 8	1 19	8 20	8 34	13 38	13 28	0 44
T 31	4n12	17n22	5s14	6s36	0s16	7n53	1s10	16s15	2n 9	4n45	0s59	9s39	0s59	18s54	0s31	5n42	1s 9	17n 8	1n19	8s20	8s33	13s39	13n29	0s44

Julian Day Number = 3061924.5, Delta T = 02h31m58s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'09, Lahiri = 47°17'09

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

APRIL 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 40 35	11♈43'07	26♋35	14♓33	24♈33	22°R49	14♈45	7♓27	6♒48	17♈26	16°R 3	21°R33	22♎ 6	12♏14	8♉26	W 1
T 2	12 44 31	12°43'13	9♌43	15°25	25°47	22♏44	15° 0	7°33	6°50	17°29	16♌ 2	21♎32	22° 2	12°21	8°30	T 2
F 3	12 48 28	13°43'16	22°34	16°21	27° 2	22°38	15°14	7°40	6°52	17°31	16° 2	21°31	21°59	12°27	8°33	F 3
S 4	12 52 25	14°43'18	5♍10	17°20	28°17	22°32	15°29	7°46	6°54	17°33	16° 1	21°30	21°56	12°34	8°36	S 4
S 5	12 56 21	15°43'17	17°33	18°21	29°32	22°25	15°43	7°52	6°55	17°35	16° 0	21°29	21°53	12°41	8°40	S 5
M 6	13 0 18	16°43'15	29°46	19°25	0♉46	22°17	15°58	7°58	6°57	17°38	16° 0	21°29	21°50	12°47	8°43	M 6
T 7	13 4 14	17°43'11	11♎49	20°31	2° 1	22° 9	16°12	8° 4	6°59	17°40	15°59	21°28	21°47	12°54	8°47	T 7
W 8	13 8 11	18°43'05	23°46	21°39	3°15	21°59	16°27	8°10	7° 1	17°42	15°59	21°D28	21°43	13° 1	8°50	W 8
T 9	13 12 7	19°42'57	5♏38	22°50	4°30	21°49	16°41	8°16	7° 2	17°44	15°58	21°28	21°40	13° 7	8°53	T 9
F 10	13 16 4	20°42'47	17°27	24° 2	5°45	21°38	16°56	8°22	7° 4	17°47	15°58	21°29	21°37	13°14	8°57	F 10
S 11	13 20 0	21°42'36	29°15	25°17	6°59	21°27	17°11	8°28	7° 6	17°49	15°57	21°R29	21°34	13°21	9° 0	S 11
S 12	13 23 57	22°42'23	11♐ 6	26°33	8°14	21°14	17°25	8°34	7° 7	17°51	15°57	21°28	21°31	13°27	9° 4	S 12
M13	13 27 53	23°42'08	23° 3	27°51	9°28	21° 1	17°40	8°39	7° 9	17°54	15°57	21°28	21°28	13°34	9° 7	M13
T 14	13 31 50	24°41'52	5♑10	29°11	10°42	20°47	17°54	8°45	7°10	17°56	15°56	21°28	21°24	13°41	9°11	T 14
W15	13 35 47	25°41'34	17°30	0♈32	11°57	20°33	18° 9	8°51	7°11	17°58	15°56	21°28	21°21	13°47	9°15	W15
T 16	13 39 43	26°41'14	0♒ 8	1°55	13°11	20°17	18°23	8°56	7°13	18° 0	15°56	21°D28	21°18	13°54	9°18	T 16
F 17	13 43 40	27°40'53	13° 8	3°20	14°26	20° 1	18°38	9° 2	7°14	18° 3	15°55	21°28	21°15	14° 1	9°22	F 17
S 18	13 47 36	28°40'30	26°33	4°46	15°40	19°45	18°52	9° 7	7°15	18° 5	15°55	21°28	21°12	14° 7	9°25	S 18
S 19	13 51 33	29°40'06	10♓24	6°13	16°54	19°27	19° 7	9°13	7°16	18° 7	15°55	21°29	21° 8	14°14	9°29	S 19
M20	13 55 29	0♉39'40	24°42	7°42	18° 9	19° 9	19°21	9°18	7°17	18° 9	15°55	21°30	21° 5	14°20	9°33	M20
T 21	13 59 26	1°39'12	9♈24	9°13	19°23	18°51	19°35	9°24	7°18	18°12	15°54	21°30	21° 2	14°27	9°36	T 21
W22	14 3 22	2°38'42	24°24	10°44	20°37	18°32	19°50	9°29	7°19	18°14	15°54	21°R31	20°59	14°34	9°40	W22
T 23	14 7 19	3°38'10	9♉35	12°18	21°51	18°12	20° 4	9°34	7°20	18°16	15°54	21°30	20°56	14°40	9°43	T 23
F 24	14 11 16	4°37'37	24°46	13°52	23° 5	17°52	20°19	9°39	7°21	18°18	15°54	21°29	20°53	14°47	9°47	F 24
S 25	14 15 12	5°37'01	9♊49	15°29	24°19	17°32	20°33	9°44	7°22	18°20	15°54	21°28	20°49	14°54	9°51	S 25
S 26	14 19 9	6°36'23	24°34	17° 6	25°34	17°10	20°47	9°49	7°23	18°23	15°54	21°26	20°46	15° 0	9°54	S 26
M27	14 23 5	7°35'43	8♋57	18°45	26°48	16°49	21° 2	9°54	7°24	18°25	15°54	21°24	20°43	15° 7	9°58	M27
T 28	14 27 2	8°35'01	22°53	20°25	28° 2	16°27	21°16	9°59	7°24	18°27	15°D54	21°23	20°40	15°14	10° 2	T 28
W29	14 30 58	9°34'17	6♌23	22° 7	29°16	16° 5	21°30	10° 4	7°25	18°29	15°54	21°D22	20°37	15°20	10° 5	W29
T 30	14 34 55	10♉33'30	19♌29	23♈50	0♊30	15♏43	21♈44	10♓ 8	7♒26	18♈31	15♌54	21♎22	20♎33	15♏27	10♉ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n36	15n28	5s16	6s27	0s27	8n22	1s 8	16s14	2n 8	4n51	0s59	9s36	0s59	18s54	0s31	5n43	1s 9	17n 8	1n19	8s20	8s32	13s41	13n30	0s44
T 2	4 59	12 48	5 2	6 16	0 38	8 51	1 7	16 13	2 8	4 56	0 59	9 34	0 59	18 53	0 31	5 44	1 9	17 9	1 19	8 19	8 31	13 42	13 31	0 44
F 3	5 22	9 34	4 32	6 4	0 47	9 19	1 5	16 12	2 8	5 2	0 59	9 32	0 59	18 53	0 31	5 45	1 9	17 9	1 19	8 19	8 29	13 43	13 32	0 44
S 4	5 45	5 58	3 50	5 50	0 57	9 47	1 3	16 11	2 7	5 8	0 59	9 30	0 59	18 53	0 31	5 46	1 9	17 9	1 19	8 19	8 28	13 44	13 33	0 44
S 5	6 8	2 9	2 58	5 35	1 6	10 15	1 2	16 10	2 6	5 13	0 59	9 28	0 59	18 52	0 31	5 47	1 9	17 9	1 19	8 18	8 27	13 45	13 34	0 44
M 6	6 31	1s43	1 58	5 18	1 14	10 42	1 0	16 9	2 6	5 19	0 59	9 26	0 59	18 52	0 31	5 48	1 9	17 9	1 19	8 18	8 26	13 47	13 35	0 44
T 7	6 54	5 27	0 53	4 59	1 22	11 9	0 58	16 7	2 5	5 24	0 59	9 23	0 59	18 51	0 31	5 48	1 9	17 10	1 19	8 18	8 25	13 48	13 36	0 44
W 8	7 16	8 57	0n13	4 40	1 30	11 36	0 56	16 5	2 5	5 30	0 59	9 21	1 0	18 51	0 31	5 49	1 9	17 10	1 19	8 18	8 23	13 49	13 37	0 45
T 9	7 39	12 3	1 18	4 19	1 37	12 3	0 54	16 4	2 4	5 35	0 59	9 19	1 0	18 51	0 31	5 50	1 9	17 10	1 19	8 18	8 22	13 50	13 38	0 45
F 10	8 1	14 39	2 20	3 56	1 44	12 30	0 52	16 2	2 3	5 41	0 59	9 17	1 0	18 50	0 31	5 51	1 9	17 10	1 19	8 18	8 21	13 51	13 39	0 45
S 11	8 23	16 38	3 15	3 33	1 50	12 56	0 50	15 59	2 2	5 46	0 59	9 15	1 0	18 50	0 31	5 52	1 9	17 10	1 19	8 18	8 20	13 52	13 40	0 45
S 12	8 45	17 54	4 3	3 8	1 56	13 22	0 48	15 57	2 1	5 52	1 0	9 13	1 0	18 49	0 31	5 53	1 9	17 10	1 19	8 18	8 19	13 54	13 41	0 45
M13	9 7	18 23	4 40	2 42	2 1	13 47	0 46	15 55	2 0	5 57	1 0	9 11	1 0	18 49	0 31	5 54	1 9	17 11	1 19	8 18	8 18	13 55	13 42	0 45
T 14	9 29	18 2	5 5	2 15	2 6	14 12	0 44	15 52	2 0	6 3	1 0	9 9	1 0	18 49	0 31	5 54	1 9	17 11	1 19	8 18	8 16	13 56	13 43	0 45
W15	9 51	16 51	5 17	1 47	2 10	14 37	0 42	15 49	1 58	6 8	1 0	9 7	1 1	18 49	0 31	5 55	1 9	17 11	1 19	8 18	8 15	13 57	13 44	0 45
T 16	10 12	14 49	5 14	1 18	2 14	15 2	0 40	15 46	1 57	6 13	1 0	9 5	1 1	18 48	0 31	5 56	1 9	17 11	1 19	8 18	8 14	13 58	13 45	0 45
F 17	10 33	12 0	4 56	0 48	2 17	15 26	0 37	15 43	1 56	6 19	1 0	9 3	1 1	18 48	0 31	5 57	1 9	17 11	1 19	8 18	8 13	13 59	13 46	0 45
S 18	10 54	8 28	4 20	0 17	2 20	15 49	0 35	15 40	1 55	6 24	1 0	9 1	1 1	18 48	0 31	5 58	1 9	17 11	1 19	8 18	8 12	14 1	13 47	0 45
S 19	11 15	4 22	3 29	0n15	2 23	16 13	0 33	15 36	1 54	6 30	1 0	8 59	1 1	18 47	0 31	5 59	1 9	17 11	1 19	8 18	8 11	14 2	13 48	0 45
M20	11 36	0n 7	2 24	0 48	2 25	16 36	0 30	15 33	1 53	6 35	1 0	8 57	1 1	18 47	0 31	5 59	1 9	17 11	1 20	8 19	8 9	14 3	13 49	0 45
T 21	11 57	4 43	1 7	1 22	2 27	16 58	0 28	15 29	1 51	6 40	1 0	8 56	1 1	18 47	0 31	6 0	1 9	17 11	1 20	8 19	8 8	14 4	13 50	0 45
W22	12 17	9 8	0s16	1 57	2 28	17 20	0 25	15 25	1 50	6 46	1 0	8 54	1 1	18 47	0 31	6 1	1 9	17 12	1 20	8 19	8 7	14 5	13 51	0 45
T 23	12 37	12 59	1 39	2 32	2 28	17 42	0 23	15 22	1 48	6 51	1 0	8 52	1 2	18 46	0 31	6 2	1 9	17 12	1 20	8 19	8 6	14 6	13 53	0 45
F 24	12 57	15 58	2 54	3 8	2 29	18 3	0 21	15 17	1 47	6 56	1 0	8 50	1 2	18 46	0 31	6 3	1 9	17 12	1 20	8 18	8 5	14 8	13 54	0 46
S 25	13 16	17 49	3 57	3 45	2 28	18 23	0 18	15 13	1 45	7 2	1 0	8 48	1 2	18 46	0 31	6 4	1 9	17 12	1 20	8 18	8 3	14 9	13 55	0 46
S 26	13 36	18 24	4 43	4 23	2 28	18 43	0 16	15 9	1 44	7 7	1 0	8 47	1 2	18 46	0 31	6 4	1 9	17 12	1 20	8 17	8 2	14 10	13 56	0 46
M27	13 55	17 47	5 9	5 1	2 26	19 3	0 13	15 5	1 42	7 12	1 0	8 45	1 2	18 46	0 31	6 5	1 9	17 12	1 20	8 16	8 1	14 11	13 57	0 46
T 28	14 14	16 6	5 16	5 40	2 25	19 22	0 10	15 0	1 40	7 17	1 0	8 43	1 2	18 46	0 32	6 6	1 9	17 12	1 20	8 16	8 0	14 12	13 58	0 46
W29	14 33	13 34	5 6	6 20	2 23	19 41	0 8	14 56	1 38	7 23	1 0	8 42	1 3	18 45	0 32	6 7	1 9	17 12	1 20	8 16	7 59	14 13	13 59	0 46
T 30	14n51	10n25	4s39	7n 0	2s20	19n59	0s 5	14s51	1n37	7n28	1s 0	8s40	1s 3	18s45	0s32	6n 8	1s 9	17n12	1n20	8s16	7s58	14s14	14n 0	0s46

Julian Day Number = 3061955.5, Delta T = 02h31m59s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'13, Lahiri = 47°17'14

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

MAY 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 38 51	11♉32'41	2♍12	25♈34	1♊43	15°R20	21♈58	10♓13	7♒26	18♈33	15♌54	21♎23	20♎30	15♏34	10♉12	F 1
S 2	14 42 48	12°31'50	14°38	27°20	2°57	14♏57	22°12	10°17	7°27	18°36	15°54	21°25	20°27	15°40	10°16	S 2
S 3	14 46 45	13°30'56	26°49	29° 8	4°11	14°34	22°27	10°22	7°27	18°38	15°54	21°26	20°24	15°47	10°20	S 3
M 4	14 50 41	14°30'01	8♎51	0♉57	5°25	14°11	22°41	10°26	7°28	18°40	15°54	21°28	20°21	15°54	10°23	M 4
T 5	14 54 38	15°29'03	20°45	2°47	6°39	13°48	22°55	10°31	7°28	18°42	15°54	21°R28	20°18	16° 0	10°27	T 5
W 6	14 58 34	16°28'04	2♏35	4°39	7°52	13°25	23° 9	10°35	7°28	18°44	15°55	21°28	20°14	16° 7	10°31	W 6
T 7	15 2 31	17°27'02	14°23	6°32	9° 6	13° 2	23°23	10°39	7°29	18°46	15°55	21°26	20°11	16°14	10°34	T 7
F 8	15 6 27	18°25'58	26°12	8°27	10°20	12°39	23°36	10°43	7°29	18°48	15°55	21°23	20° 8	16°20	10°38	F 8
S 9	15 10 24	19°24'53	8♐ 4	10°23	11°33	12°16	23°50	10°47	7°29	18°50	15°55	21°18	20° 5	16°27	10°41	S 9
S 10	15 14 20	20°23'46	20° 0	12°21	12°47	11°53	24° 4	10°51	7°29	18°52	15°55	21°13	20° 2	16°34	10°45	S 10
M11	15 18 17	21°22'37	2♑ 3	14°20	14° 0	11°30	24°18	10°55	7°R29	18°54	15°56	21° 8	19°59	16°40	10°49	M11
T 12	15 22 14	22°21'26	14°15	16°21	15°14	11° 8	24°32	10°59	7°29	18°56	15°56	21° 3	19°55	16°47	10°52	T 12
W13	15 26 10	23°20'13	26°39	18°22	16°27	10°46	24°45	11° 2	7°29	18°58	15°56	20°59	19°52	16°54	10°56	W13
T 14	15 30 7	24°18'59	9♒17	20°26	17°41	10°24	24°59	11° 6	7°29	19° 0	15°57	20°57	19°49	17° 0	10°59	T 14
F 15	15 34 3	25°17'44	22°13	22°30	18°54	10° 3	25°13	11° 9	7°29	19° 2	15°57	20°D56	19°46	17° 7	11° 3	F 15
S 16	15 38 0	26°16'26	5♓31	24°36	20° 8	9°42	25°26	11°13	7°28	19° 4	15°58	20°56	19°43	17°14	11° 7	S 16
S 17	15 41 56	27°15'07	19°11	26°42	21°21	9°21	25°40	11°16	7°28	19° 6	15°58	20°57	19°39	17°20	11°10	S 17
M18	15 45 53	28°13'47	3♈17	28°50	22°34	9° 1	25°53	11°19	7°28	19° 8	15°59	20°59	19°36	17°27	11°14	M18
T 19	15 49 49	29°12'24	17°47	0♊58	23°47	8°41	26° 6	11°23	7°27	19°10	15°59	20°R59	19°33	17°34	11°17	T 19
W20	15 53 46	0♊11'01	2♉38	3° 6	25° 1	8°22	26°20	11°26	7°27	19°11	16° 0	20°59	19°30	17°40	11°21	W20
T 21	15 57 43	1° 9'35	17°44	5°15	26°14	8° 4	26°33	11°29	7°27	19°13	16° 0	20°57	19°27	17°47	11°24	T 21
F 22	16 1 39	2° 8'08	2♊57	7°23	27°27	7°46	26°46	11°32	7°26	19°15	16° 1	20°53	19°24	17°54	11°28	F 22
S 23	16 5 36	3° 6'40	18° 7	9°31	28°40	7°29	26°59	11°34	7°25	19°17	16° 1	20°47	19°20	18° 0	11°31	S 23
S 24	16 9 32	4° 5'09	3♋ 3	11°39	29°53	7°12	27°12	11°37	7°25	19°18	16° 2	20°40	19°17	18° 7	11°34	S 24
M25	16 13 29	5° 3'36	17°37	13°45	1♋ 6	6°56	27°25	11°40	7°24	19°20	16° 3	20°34	19°14	18°14	11°38	M25
T 26	16 17 25	6° 2'02	1♌44	15°51	2°19	6°41	27°38	11°42	7°23	19°22	16° 3	20°28	19°11	18°20	11°41	T 26
W27	16 21 22	7° 0'25	15°23	17°54	3°32	6°26	27°51	11°45	7°23	19°24	16° 4	20°24	19° 8	18°27	11°45	W27
T 28	16 25 18	7°58'46	28°33	19°56	4°45	6°13	28° 4	11°47	7°22	19°25	16° 5	20°22	19° 5	18°34	11°48	T 28
F 29	16 29 15	8°57'06	11♍17	21°56	5°58	6° 0	28°17	11°49	7°21	19°27	16° 5	20°D22	19° 1	18°40	11°51	F 29
S 30	16 33 12	9°55'23	23°41	23°53	7°10	5°47	28°30	11°52	7°20	19°29	16° 6	20°22	18°58	18°47	11°55	S 30
S 31	16 37 8	10♊53'38	5♎48	25♊48	8♋23	5♏36	28♈42	11♓54	7♒19	19♈30	16♌ 7	20♎24	18♎55	18♏54	11♉58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n10	6n51	4s 0	7n40	2s17	20n17	0s 3	14s47	1n35	7n33	1s 0	8s38	1s 3	18s45	0s32	6n 8	1s 9	17n12	1n20	8s16	7s56	14s16	14n 1	0s46
S 2	15 27	3 4	3 10	8 21	2 13	20 34	0n 0	14 42	1 33	7 38	1 1	8 37	1 3	18 45	0 32	6 9	1 9	17 12	1 20	8 17	7 55	14 17	14 2	0 46
S 3	15 45	0s46	2 12	9 3	2 9	20 50	0 3	14 37	1 31	7 43	1 1	8 35	1 3	18 45	0 32	6 10	1 9	17 12	1 20	8 17	7 54	14 18	14 3	0 46
M 4	16 3	4 32	1 9	9 45	2 4	21 6	0 5	14 32	1 29	7 48	1 1	8 34	1 3	18 45	0 32	6 11	1 9	17 12	1 20	8 18	7 53	14 19	14 4	0 46
T 5	16 20	8 5	0 4	10 27	1 59	21 21	0 8	14 28	1 27	7 53	1 1	8 32	1 3	18 45	0 32	6 11	1 9	17 12	1 20	8 18	7 52	14 20	14 5	0 46
W 6	16 37	11 18	1n 1	11 10	1 54	21 36	0 11	14 23	1 25	7 58	1 1	8 31	1 4	18 45	0 32	6 12	1 9	17 12	1 20	8 18	7 50	14 21	14 6	0 46
T 7	16 53	14 3	2 3	11 53	1 48	21 50	0 13	14 18	1 22	8 3	1 1	8 30	1 4	18 45	0 32	6 13	1 9	17 12	1 20	8 17	7 49	14 22	14 7	0 46
F 8	17 9	16 13	2 59	12 35	1 41	22 4	0 16	14 13	1 20	8 8	1 1	8 28	1 4	18 45	0 32	6 14	1 9	17 12	1 20	8 16	7 48	14 23	14 8	0 47
S 9	17 25	17 42	3 49	13 18	1 34	22 17	0 19	14 8	1 18	8 13	1 1	8 27	1 4	18 45	0 32	6 14	1 9	17 12	1 20	8 14	7 47	14 24	14 9	0 47
S 10	17 41	18 24	4 28	14 1	1 27	22 29	0 21	14 4	1 16	8 18	1 1	8 25	1 4	18 45	0 32	6 15	1 9	17 12	1 20	8 12	7 46	14 26	14 10	0 47
M11	17 57	18 17	4 56	14 44	1 19	22 40	0 24	13 59	1 13	8 23	1 1	8 24	1 4	18 45	0 32	6 16	1 10	17 12	1 20	8 10	7 44	14 27	14 11	0 47
T 12	18 12	17 19	5 10	15 27	1 11	22 51	0 27	13 54	1 11	8 28	1 1	8 23	1 5	18 45	0 32	6 17	1 10	17 12	1 20	8 9	7 43	14 28	14 13	0 47
W13	18 26	15 32	5 11	16 9	1 2	23 2	0 30	13 50	1 9	8 33	1 1	8 22	1 5	18 45	0 32	6 17	1 10	17 11	1 20	8 7	7 42	14 29	14 14	0 47
T 14	18 41	12 59	4 57	16 51	0 53	23 11	0 32	13 45	1 6	8 38	1 1	8 20	1 5	18 45	0 32	6 18	1 10	17 11	1 20	8 6	7 41	14 30	14 15	0 47
F 15	18 55	9 45	4 27	17 32	0 43	23 21	0 35	13 41	1 4	8 43	1 2	8 19	1 5	18 45	0 32	6 19	1 10	17 11	1 20	8 6	7 40	14 31	14 16	0 47
S 16	19 9	5 57	3 43	18 12	0 34	23 29	0 37	13 37	1 2	8 47	1 2	8 18	1 5	18 45	0 32	6 19	1 10	17 11	1 20	8 6	7 39	14 32	14 17	0 47
S 17	19 22	1 43	2 45	18 51	0 24	23 37	0 40	13 32	0 59	8 52	1 2	8 17	1 5	18 45	0 32	6 20	1 10	17 11	1 20	8 6	7 37	14 33	14 18	0 47
M18	19 35	2n45	1 35	19 30	0 13	23 44	0 43	13 28	0 57	8 57	1 2	8 16	1 6	18 45	0 32	6 21	1 10	17 11	1 20	8 7	7 36	14 34	14 19	0 47
T 19	19 48	7 11	0 18	20 7	0 3	23 50	0 45	13 24	0 54	9 2	1 2	8 15	1 6	18 46	0 32	6 21	1 10	17 11	1 20	8 7	7 35	14 35	14 20	0 47
W20	20 0	11 17	1s 3	20 43	0n 8	23 56	0 48	13 21	0 52	9 6	1 2	8 14	1 6	18 46	0 32	6 22	1 10	17 11	1 20	8 7	7 34	14 36	14 21	0 48
T 21	20 12	14 43	2 20	21 17	0 18	24 1	0 50	13 17	0 50	9 11	1 2	8 13	1 6	18 46	0 32	6 23	1 10	17 11	1 20	8 6	7 33	14 38	14 22	0 48
F 22	20 24	17 9	3 28	21 49	0 29	24 5	0 53	13 14	0 47	9 16	1 2	8 12	1 6	18 46	0 32	6 23	1 10	17 10	1 21	8 5	7 31	14 39	14 23	0 48
S 23	20 35	18 22	4 21	22 19	0 39	24 8	0 56	13 10	0 45	9 20	1 2	8 11	1 6	18 46	0 32	6 24	1 10	17 10	1 21	8 2	7 30	14 40	14 24	0 48
S 24	20 46	18 16	4 55	22 48	0 49	24 11	0 58	13 7	0 42	9 25	1 3	8 10	1 7	18 46	0 32	6 25	1 10	17 10	1 21	8 0	7 29	14 41	14 24	0 48
M25	20 57	16 58	5 9	23 14	1 0	24 14	1 0	13 4	0 40	9 29	1 3	8 9	1 7	18 47	0 32	6 25	1 10	17 10	1 21	7 58	7 28	14 42	14 25	0 48
T 26	21 7	14 39	5 3	23 38	1 9	24 15	1 3	13 2	0 38	9 34	1 3	8 9	1 7	18 47	0 32	6 26	1 10	17 10	1 21	7 56	7 27	14 43	14 26	0 48
W27	21 17	11 36	4 41	23 59	1 19	24 16	1 5	12 59	0 35	9 38	1 3	8 8	1 7	18 47	0 33	6 26	1 10	17 10	1 21	7 54	7 25	14 44	14 27	0 48
T 28	21 26	8 3	4 4	24 18	1 28	24 16	1 8	12 57	0 33	9 43	1 3	8 7	1 7	18 47	0 33	6 27	1 10	17 9	1 21	7 53	7 24	14 45	14 28	0 48
F 29	21 35	4 15	3 15	24 34	1 36	24 15	1 10	12 55	0 31	9 47	1 3	8 6	1 8	18 48	0 33	6 28	1 10	17 9	1 21	7 53	7 23	14 46	14 29	0 48
S 30	21 44	0 21	2 19	24 48	1 44	24 14	1 12	12 53	0 28	9 51	1 3	8 6	1 8	18 48	0 33	6 28	1 10	17 9	1 21	7 53	7 22	14 47	14 30	0 48
S 31	21n52	3s29	1s18	25n 0	1n51	24n12	1n15	12s52	0n26	9n56	1s 3	8s 5	1s 8	18s48	0s33	6n29	1s10	17n 9	1n21	7s54	7s21	14s48	14n31	0s49

Julian Day Number = 3061985.5, Delta T = 02h32m00s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'17, Lahiri = 47°17'18

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

JUNE 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 41 5	11♊51'52	17♎44	27♊39	9♋36	5°R25	28♈55	11♓56	7°R18	19♈32	16♎ 8	20°R24	18♎52	19♏ 0	12♉ 1	M 1
T 2	16 45 1	12°50'03	29°34	29°28	10°48	5♏15	29° 7	11°58	7♒17	19°33	16° 9	20♎24	18°49	19° 7	12° 5	T 2
W 3	16 48 58	13°48'13	11♏21	1♋14	12° 1	5° 6	29°20	11°59	7°16	19°35	16° 9	20°22	18°45	19°14	12° 8	W 3
T 4	16 52 54	14°46'21	23°10	2°56	13°13	4°58	29°32	12° 1	7°15	19°36	16°10	20°17	18°42	19°20	12°11	T 4
F 5	16 56 51	15°44'28	5♐ 2	4°35	14°26	4°50	29°44	12° 3	7°14	19°38	16°11	20°10	18°39	19°27	12°14	F 5
S 6	17 0 47	16°42'32	17° 0	6°10	15°38	4°43	29°56	12° 4	7°13	19°39	16°12	20° 1	18°36	19°34	12°17	S 6
S 7	17 4 44	17°40'36	29° 5	7°42	16°51	4°37	0♉ 8	12° 6	7°11	19°41	16°13	19°50	18°33	19°40	12°20	S 7
M 8	17 8 41	18°38'37	11♑19	9°10	18° 3	4°32	0°20	12° 7	7°10	19°42	16°14	19°40	18°30	19°47	12°24	M 8
T 9	17 12 37	19°36'38	23°43	10°34	19°15	4°28	0°32	12° 8	7° 9	19°43	16°15	19°29	18°26	19°54	12°27	T 9
W10	17 16 34	20°34'37	6♒17	11°55	20°28	4°24	0°44	12° 9	7° 7	19°45	16°16	19°20	18°23	20° 0	12°30	W10
T 11	17 20 30	21°32'34	19° 4	13°11	21°40	4°21	0°56	12°10	7° 6	19°46	16°17	19°14	18°20	20° 7	12°33	T 11
F 12	17 24 27	22°30'31	2♓ 4	14°24	22°52	4°19	1° 8	12°11	7° 4	19°47	16°18	19°10	18°17	20°14	12°36	F 12
S 13	17 28 23	23°28'26	15°21	15°33	24° 4	4°18	1°19	12°12	7° 3	19°49	16°19	19° 8	18°14	20°20	12°39	S 13
S 14	17 32 20	24°26'20	28°56	16°37	25°16	4°D18	1°31	12°13	7° 1	19°50	16°20	19°D 7	18°11	20°27	12°42	S 14
M15	17 36 16	25°24'13	12♈50	17°38	26°28	4°18	1°42	12°14	7° 0	19°51	16°21	19°R 8	18° 7	20°34	12°44	M15
T 16	17 40 13	26°22'05	27° 5	18°35	27°40	4°19	1°53	12°14	6°58	19°52	16°22	19° 8	18° 4	20°40	12°47	T 16
W17	17 44 10	27°19'56	11♉39	19°27	28°52	4°21	2° 4	12°15	6°56	19°53	16°23	19° 6	18° 1	20°47	12°50	W17
T 18	17 48 6	28°17'46	26°28	20°15	0♌ 4	4°23	2°16	12°15	6°55	19°54	16°24	19° 2	17°58	20°54	12°53	T 18
F 19	17 52 3	29°15'35	11♊27	20°59	1°15	4°27	2°27	12°15	6°53	19°56	16°26	18°55	17°55	21° 0	12°56	F 19
S 20	17 55 59	0♋13'22	26°26	21°38	2°27	4°31	2°37	12°15	6°51	19°57	16°27	18°46	17°51	21° 7	12°58	S 20
S 21	17 59 56	1°11'09	11♋17	22°13	3°39	4°35	2°48	12°R15	6°49	19°58	16°28	18°36	17°48	21°14	13° 1	S 21
M22	18 3 52	2° 8'54	25°51	22°43	4°50	4°41	2°59	12°15	6°48	19°59	16°29	18°25	17°45	21°20	13° 4	M22
T 23	18 7 49	3° 6'38	10♌ 0	23° 8	6° 2	4°47	3°10	12°15	6°46	20° 0	16°30	18°15	17°42	21°27	13° 6	T 23
W24	18 11 46	4° 4'20	23°42	23°29	7°13	4°54	3°20	12°15	6°44	20° 0	16°32	18° 8	17°39	21°34	13° 9	W24
T 25	18 15 42	5° 2'01	6♍56	23°46	8°25	5° 1	3°30	12°15	6°42	20° 1	16°33	18° 3	17°36	21°40	13°12	T 25
F 26	18 19 39	5°59'40	19°44	23°57	9°36	5° 9	3°41	12°14	6°40	20° 2	16°34	18° 0	17°32	21°47	13°14	F 26
S 27	18 23 35	6°57'18	2♎ 9	24° 4	10°48	5°18	3°51	12°14	6°38	20° 3	16°35	17°59	17°29	21°54	13°17	S 27
S 28	18 27 32	7°54'55	14°18	24°R 7	11°59	5°27	4° 1	12°13	6°36	20° 4	16°37	17°59	17°26	22° 0	13°19	S 28
M29	18 31 28	8°52'31	26°14	24° 4	13°10	5°38	4°11	12°12	6°34	20° 5	16°38	17°59	17°23	22° 7	13°21	M29
T 30	18 35 25	9♋50'05	8♏ 3	23♋58	14♌21	5♏48	4♉21	12♓11	6♒32	20♈ 5	16♎39	17♎57	17♎20	22♏14	13♉24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	7s 7	0s14	25n 9	1n57	24n 9	1n17	12s50	0n24	10n 0	1s 3	8s 5	1s 8	18s48	0s33	6n29	1s10	17n 9	1n21	7s54	7s19	14s49	14n32	0s49
T 2	22 8	10 27	0n49	25 16	2 3	24 6	1 19	12 49	0 21	10 4	1 4	8 4	1 8	18 49	0 33	6 30	1 10	17 8	1 21	7 54	7 18	14 50	14 33	0 49
W 3	22 15	13 21	1 50	25 21	2 8	24 2	1 21	12 48	0 19	10 8	1 4	8 4	1 8	18 49	0 33	6 30	1 10	17 8	1 21	7 53	7 17	14 51	14 34	0 49
T 4	22 22	15 42	2 47	25 23	2 12	23 57	1 23	12 48	0 17	10 13	1 4	8 3	1 9	18 49	0 33	6 31	1 10	17 8	1 21	7 51	7 16	14 52	14 35	0 49
F 5	22 28	17 24	3 36	25 23	2 15	23 52	1 25	12 47	0 15	10 17	1 4	8 3	1 9	18 50	0 33	6 31	1 10	17 8	1 21	7 49	7 15	14 53	14 35	0 49
S 6	22 34	18 21	4 16	25 22	2 17	23 45	1 27	12 47	0 12	10 21	1 4	8 2	1 9	18 50	0 33	6 32	1 10	17 8	1 21	7 45	7 13	14 54	14 36	0 49
S 7	22 39	18 28	4 45	25 18	2 18	23 39	1 29	12 47	0 10	10 25	1 4	8 2	1 9	18 50	0 33	6 32	1 10	17 7	1 21	7 41	7 12	14 55	14 37	0 49
M 8	22 44	17 45	5 1	25 13	2 19	23 31	1 31	12 47	0 8	10 29	1 4	8 1	1 9	18 51	0 33	6 33	1 10	17 7	1 21	7 37	7 11	14 56	14 38	0 49
T 9	22 49	16 11	5 3	25 6	2 18	23 23	1 33	12 48	0 6	10 33	1 5	8 1	1 10	18 51	0 33	6 33	1 11	17 7	1 21	7 33	7 10	14 57	14 39	0 49
W10	22 53	13 49	4 51	24 58	2 17	23 14	1 35	12 49	0 4	10 37	1 5	8 1	1 10	18 51	0 33	6 34	1 11	17 7	1 21	7 30	7 9	14 58	14 40	0 50
T 11	22 57	10 47	4 24	24 49	2 15	23 5	1 36	12 50	0 2	10 41	1 5	8 1	1 10	18 52	0 33	6 34	1 11	17 6	1 21	7 28	7 7	14 59	14 40	0 50
F 12	23 1	7 9	3 44	24 38	2 12	22 55	1 38	12 51	0s 0	10 45	1 5	8 1	1 10	18 52	0 33	6 35	1 11	17 6	1 21	7 26	7 6	15 1	14 41	0 50
S 13	23 4	3 6	2 50	24 26	2 8	22 44	1 39	12 52	0 2	10 48	1 5	8 0	1 10	18 53	0 33	6 35	1 11	17 6	1 21	7 25	7 5	15 2	14 42	0 50
S 14	23 6	1n12	1 46	24 13	2 3	22 33	1 41	12 54	0 4	10 52	1 5	8 0	1 11	18 53	0 33	6 36	1 11	17 5	1 21	7 25	7 4	15 3	14 43	0 50
M15	23 9	5 32	0 34	24 0	1 57	22 21	1 42	12 56	0 6	10 56	1 5	8 0	1 11	18 53	0 33	6 36	1 11	17 5	1 21	7 25	7 3	15 4	14 44	0 50
T 16	23 10	9 41	0s42	23 45	1 50	22 8	1 44	12 58	0 8	11 0	1 6	8 0	1 11	18 54	0 33	6 36	1 11	17 5	1 21	7 25	7 1	15 5	14 44	0 50
W17	23 12	13 20	1 57	23 30	1 42	21 55	1 45	13 0	0 10	11 3	1 6	8 0	1 11	18 54	0 33	6 37	1 11	17 5	1 21	7 25	7 0	15 6	14 45	0 50
T 18	23 13	16 11	3 5	23 15	1 33	21 41	1 46	13 3	0 12	11 7	1 6	8 0	1 11	18 55	0 33	6 37	1 11	17 4	1 21	7 23	6 59	15 7	14 46	0 50
F 19	23 13	17 59	4 1	22 59	1 23	21 27	1 48	13 6	0 13	11 11	1 6	8 0	1 11	18 55	0 33	6 38	1 11	17 4	1 21	7 21	6 58	15 8	14 47	0 50
S 20	23 13	18 31	4 40	22 42	1 13	21 12	1 49	13 9	0 15	11 14	1 6	8 0	1 12	18 56	0 33	6 38	1 11	17 4	1 22	7 17	6 57	15 9	14 47	0 51
S 21	23 13	17 46	5 0	22 25	1 1	20 56	1 50	13 12	0 17	11 18	1 6	8 1	1 12	18 56	0 33	6 38	1 11	17 3	1 22	7 13	6 55	15 10	14 48	0 51
M22	23 12	15 52	5 0	22 8	0 49	20 40	1 51	13 15	0 19	11 21	1 7	8 1	1 12	18 57	0 33	6 39	1 11	17 3	1 22	7 9	6 54	15 11	14 49	0 51
T 23	23 11	13 4	4 41	21 51	0 36	20 24	1 52	13 19	0 20	11 24	1 7	8 1	1 12	18 57	0 33	6 39	1 11	17 3	1 22	7 6	6 53	15 12	14 49	0 51
W24	23 10	9 37	4 6	21 34	0 22	20 7	1 52	13 23	0 22	11 28	1 7	8 1	1 12	18 58	0 33	6 39	1 11	17 2	1 22	7 3	6 52	15 12	14 50	0 51
T 25	23 8	5 47	3 20	21 17	0 8	19 49	1 53	13 27	0 24	11 31	1 7	8 2	1 13	18 58	0 33	6 39	1 11	17 2	1 22	7 1	6 51	15 13	14 51	0 51
F 26	23 5	1 49	2 24	21 0	0s 7	19 31	1 54	13 31	0 25	11 34	1 7	8 2	1 13	18 59	0 33	6 40	1 11	17 2	1 22	7 0	6 49	15 14	14 51	0 51
S 27	23 2	2s 7	1 23	20 43	0 23	19 12	1 54	13 35	0 27	11 38	1 7	8 2	1 13	18 59	0 33	6 40	1 11	17 1	1 22	7 0	6 48	15 15	14 52	0 51
S 28	22 59	5 53	0 20	20 27	0 40	18 53	1 55	13 40	0 28	11 41	1 8	8 3	1 13	19 0	0 33	6 40	1 11	17 1	1 22	7 0	6 47	15 16	14 53	0 51
M29	22 56	9 21	0n44	20 11	0 56	18 33	1 55	13 45	0 30	11 44	1 8	8 3	1 13	19 0	0 33	6 41	1 11	17 1	1 22	6 59	6 46	15 17	14 53	0 52
T 30	22n52	12s25	1n44	19n55	1s13	18n13	1n56	13s50	0s31	11n47	1s 8	8s 4	1s14	19s 1	0s33	6n41	1s11	17n 0	1n22	6s59	6s45	15s18	14n54	0s52

Julian Day Number = 3062016.5, Delta T = 02h32m01s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'22, Lahiri = 47°17'22

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

JULY 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 39 21	10♋47'38	19♏51	23°R47	15♌32	6♏ 0	4♉30	12°R10	6°R30	20♈ 6	16♌41	17°R54	17♎17	22♏20	13♉26	W 1
T 2	18 43 18	11°45'10	1♐42	23♋32	16°43	6°12	4°40	12♓ 9	6♒28	20° 7	16°42	17♎48	17°13	22°27	13°28	T 2
F 3	18 47 15	12°42'41	13°39	23°13	17°54	6°24	4°49	12° 8	6°26	20° 7	16°43	17°39	17°10	22°34	13°31	F 3
S 4	18 51 11	13°40'11	25°45	22°50	19° 5	6°37	4°59	12° 7	6°23	20° 8	16°45	17°28	17° 7	22°40	13°33	S 4
S 5	18 55 8	14°37'39	8♑ 2	22°25	20°15	6°51	5° 8	12° 6	6°21	20° 9	16°46	17°15	17° 4	22°47	13°35	S 5
M 6	18 59 4	15°35'07	20°30	21°57	21°26	7° 5	5°17	12° 4	6°19	20° 9	16°47	17° 2	17° 1	22°54	13°37	M 6
T 7	19 3 1	16°32'34	3♒10	21°27	22°36	7°20	5°26	12° 3	6°17	20°10	16°49	16°49	16°57	23° 0	13°39	T 7
W 8	19 6 57	17°30'01	16° 2	20°54	23°47	7°35	5°35	12° 1	6°14	20°10	16°50	16°38	16°54	23° 7	13°41	W 8
T 9	19 10 54	18°27'27	29° 5	20°21	24°57	7°51	5°43	12° 0	6°12	20°11	16°52	16°30	16°51	23°14	13°43	T 9
F 10	19 14 50	19°24'52	12♓20	19°47	26° 8	8° 7	5°52	11°58	6°10	20°11	16°53	16°24	16°48	23°20	13°45	F 10
S 11	19 18 47	20°22'16	25°46	19°14	27°18	8°24	6° 1	11°56	6° 8	20°12	16°55	16°21	16°45	23°27	13°47	S 11
S 12	19 22 44	21°19'40	9♈24	18°40	28°28	8°41	6° 9	11°54	6° 5	20°12	16°56	16°20	16°42	23°34	13°49	S 12
M13	19 26 40	22°17'04	23°16	18° 8	29°38	8°59	6°17	11°52	6° 3	20°12	16°58	16°20	16°38	23°40	13°51	M13
T 14	19 30 37	23°14'28	7♉22	17°38	0♍48	9°17	6°25	11°50	6° 1	20°13	16°59	16°20	16°35	23°47	13°52	T 14
W15	19 34 33	24°11'51	21°40	17° 9	1°58	9°36	6°33	11°48	5°58	20°13	17° 1	16°18	16°32	23°54	13°54	W15
T 16	19 38 30	25° 9'14	6♊ 9	16°44	3° 8	9°55	6°41	11°46	5°56	20°13	17° 2	16°14	16°29	24° 0	13°56	T 16
F 17	19 42 26	26° 6'37	20°46	16°21	4°17	10°14	6°48	11°43	5°53	20°13	17° 4	16° 7	16°26	24° 7	13°57	F 17
S 18	19 46 23	27° 4'00	5♋23	16° 2	5°27	10°34	6°56	11°41	5°51	20°13	17° 5	15°57	16°23	24°14	13°59	S 18
S 19	19 50 19	28° 1'22	19°54	15°47	6°37	10°55	7° 3	11°38	5°49	20°14	17° 7	15°46	16°19	24°20	14° 0	S 19
M20	19 54 16	28°58'44	4♌12	15°36	7°46	11°16	7°10	11°36	5°46	20°14	17° 8	15°35	16°16	24°27	14° 2	M20
T 21	19 58 13	29°56'05	18°11	15°29	8°56	11°37	7°17	11°33	5°44	20°14	17°10	15°25	16°13	24°34	14° 3	T 21
W22	20 2 9	0♌53'26	1♍47	15°D27	10° 5	11°59	7°24	11°30	5°41	20°R14	17°11	15°17	16°10	24°40	14° 5	W22
T 23	20 6 6	1°50'46	14°58	15°30	11°14	12°21	7°31	11°27	5°39	20°14	17°13	15°11	16° 7	24°47	14° 6	T 23
F 24	20 10 2	2°48'05	27°46	15°37	12°23	12°44	7°37	11°24	5°37	20°14	17°14	15° 7	16° 3	24°54	14° 7	F 24
S 25	20 13 59	3°45'24	10♎12	15°49	13°32	13° 6	7°44	11°21	5°34	20°14	17°16	15°D 6	16° 0	25° 0	14° 8	S 25
S 26	20 17 55	4°42'43	22°22	16° 6	14°41	13°30	7°50	11°18	5°32	20°14	17°18	15° 6	15°57	25° 7	14° 9	S 26
M27	20 21 52	5°40'01	4♏19	16°27	15°49	13°53	7°56	11°15	5°29	20°13	17°19	15°R 7	15°54	25°14	14°11	M27
T 28	20 25 48	6°37'19	16°11	16°54	16°58	14°17	8° 2	11°12	5°27	20°13	17°21	15° 6	15°51	25°20	14°12	T 28
W29	20 29 45	7°34'36	28° 1	17°26	18° 7	14°42	8° 7	11° 9	5°24	20°13	17°22	15° 4	15°48	25°27	14°13	W29
T 30	20 33 42	8°31'53	9♐54	18° 2	19°15	15° 7	8°13	11° 5	5°22	20°13	17°24	15° 0	15°44	25°34	14°14	T 30
F 31	20 37 38	9♌29'10	21♐56	18♋43	20♍23	15♏32	8♉18	11♓ 2	5♒19	20♈13	17♌25	14♎53	15♎41	25♏40	14♉15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n47	14s58	2n40	19n40	1s31	17n53	1n56	13s55	0s33	11n50	1s 8	8s 4	1s14	19s 1	0s33	6n41	1s11	17n 0	1n22	6s58	6s43	15s19	14n54	0s52
T 2	22 42	16 54	3 29	19 25	1 48	17 32	1 56	14 0	0 34	11 53	1 8	8 5	1 14	19 2	0 33	6 41	1 12	17 0	1 22	6 55	6 42	15 20	14 55	0 52
F 3	22 37	18 6	4 10	19 11	2 6	17 10	1 56	14 6	0 36	11 56	1 9	8 5	1 14	19 2	0 34	6 41	1 12	16 59	1 22	6 52	6 41	15 21	14 55	0 52
S 4	22 32	18 30	4 39	18 58	2 23	16 48	1 56	14 11	0 37	11 59	1 9	8 6	1 14	19 3	0 34	6 42	1 12	16 59	1 22	6 48	6 40	15 22	14 56	0 52
S 5	22 26	18 3	4 56	18 45	2 40	16 26	1 56	14 17	0 38	12 2	1 9	8 7	1 14	19 3	0 34	6 42	1 12	16 58	1 22	6 43	6 39	15 23	14 56	0 52
M 6	22 19	16 44	5 0	18 33	2 56	16 4	1 56	14 23	0 40	12 5	1 9	8 7	1 15	19 4	0 34	6 42	1 12	16 58	1 22	6 38	6 37	15 24	14 57	0 52
T 7	22 12	14 35	4 48	18 22	3 12	15 40	1 55	14 29	0 41	12 7	1 9	8 8	1 15	19 5	0 34	6 42	1 12	16 58	1 22	6 33	6 36	15 25	14 57	0 52
W 8	22 5	11 42	4 22	18 12	3 27	15 17	1 55	14 35	0 42	12 10	1 10	8 9	1 15	19 5	0 34	6 42	1 12	16 57	1 22	6 29	6 35	15 26	14 58	0 53
T 9	21 58	8 13	3 42	18 3	3 41	14 53	1 55	14 41	0 44	12 13	1 10	8 10	1 15	19 6	0 34	6 42	1 12	16 57	1 22	6 26	6 34	15 27	14 58	0 53
F 10	21 50	4 16	2 49	17 55	3 54	14 29	1 54	14 48	0 45	12 15	1 10	8 10	1 15	19 6	0 34	6 42	1 12	16 57	1 22	6 24	6 33	15 28	14 59	0 53
S 11	21 42	0 2	1 47	17 48	4 5	14 5	1 53	14 54	0 46	12 18	1 10	8 11	1 16	19 7	0 34	6 43	1 12	16 56	1 22	6 22	6 31	15 29	14 59	0 53
S 12	21 33	4n15	0 37	17 43	4 16	13 40	1 53	15 1	0 47	12 20	1 10	8 12	1 16	19 7	0 34	6 43	1 12	16 56	1 22	6 22	6 30	15 30	15 0	0 53
M13	21 24	8 24	0s37	17 38	4 25	13 15	1 52	15 8	0 48	12 23	1 11	8 13	1 16	19 8	0 34	6 43	1 12	16 55	1 22	6 22	6 29	15 31	15 0	0 53
T 14	21 14	12 8	1 49	17 34	4 33	12 49	1 51	15 14	0 50	12 25	1 11	8 14	1 16	19 9	0 34	6 43	1 12	16 55	1 23	6 22	6 28	15 32	15 1	0 53
W15	21 5	15 12	2 55	17 31	4 39	12 23	1 50	15 21	0 51	12 28	1 11	8 15	1 16	19 9	0 34	6 43	1 12	16 55	1 23	6 21	6 27	15 33	15 1	0 53
T 16	20 55	17 20	3 51	17 30	4 43	11 57	1 49	15 28	0 52	12 30	1 11	8 16	1 16	19 10	0 34	6 43	1 12	16 54	1 23	6 20	6 25	15 33	15 1	0 54
F 17	20 44	18 22	4 33	17 29	4 47	11 31	1 47	15 36	0 53	12 32	1 11	8 17	1 17	19 10	0 34	6 43	1 12	16 54	1 23	6 17	6 24	15 34	15 2	0 54
S 18	20 33	18 11	4 56	17 30	4 48	11 4	1 46	15 43	0 54	12 34	1 12	8 18	1 17	19 11	0 34	6 43	1 12	16 53	1 23	6 13	6 23	15 35	15 2	0 54
S 19	20 22	16 48	5 0	17 31	4 49	10 38	1 45	15 50	0 55	12 37	1 12	8 19	1 17	19 12	0 34	6 43	1 12	16 53	1 23	6 9	6 22	15 36	15 2	0 54
M20	20 11	14 24	4 46	17 34	4 47	10 11	1 43	15 58	0 56	12 39	1 12	8 20	1 17	19 12	0 34	6 43	1 12	16 53	1 23	6 5	6 21	15 37	15 3	0 54
T 21	19 59	11 12	4 14	17 37	4 45	9 43	1 41	16 5	0 57	12 41	1 12	8 22	1 17	19 13	0 34	6 43	1 12	16 52	1 23	6 1	6 19	15 38	15 3	0 54
W22	19 47	7 30	3 28	17 41	4 41	9 16	1 40	16 13	0 58	12 43	1 13	8 23	1 17	19 13	0 34	6 43	1 12	16 52	1 23	5 58	6 18	15 39	15 3	0 54
T 23	19 34	3 31	2 33	17 45	4 36	8 48	1 38	16 21	0 59	12 45	1 13	8 24	1 18	19 14	0 34	6 43	1 13	16 51	1 23	5 56	6 17	15 40	15 3	0 54
F 24	19 21	0s31	1 31	17 51	4 30	8 20	1 36	16 28	1 0	12 46	1 13	8 25	1 18	19 15	0 34	6 43	1 13	16 51	1 23	5 54	6 16	15 41	15 4	0 55
S 25	19 8	4 24	0 26	17 56	4 23	7 52	1 34	16 36	1 1	12 48	1 13	8 27	1 18	19 15	0 34	6 43	1 13	16 50	1 23	5 54	6 14	15 42	15 4	0 55
S 26	18 55	8 2	0n39	18 2	4 15	7 24	1 32	16 44	1 2	12 50	1 14	8 28	1 18	19 16	0 34	6 43	1 13	16 50	1 23	5 54	6 13	15 43	15 4	0 55
M27	18 41	11 16	1 41	18 9	4 6	6 55	1 30	16 52	1 3	12 52	1 14	8 29	1 18	19 16	0 34	6 43	1 13	16 50	1 23	5 54	6 12	15 43	15 4	0 55
T 28	18 27	14 1	2 38	18 15	3 56	6 27	1 27	17 0	1 4	12 53	1 14	8 31	1 18	19 17	0 34	6 42	1 13	16 49	1 23	5 54	6 11	15 44	15 5	0 55
W29	18 13	16 10	3 28	18 22	3 46	5 58	1 25	17 8	1 5	12 55	1 14	8 32	1 19	19 18	0 34	6 42	1 13	16 49	1 23	5 53	6 10	15 45	15 5	0 55
T 30	17 58	17 38	4 9	18 28	3 35	5 29	1 22	17 16	1 5	12 57	1 14	8 33	1 19	19 18	0 34	6 42	1 13	16 48	1 23	5 51	6 8	15 46	15 5	0 55
F 31	17n43	18s19	4n40	18n34	3s23	5n 0	1n20	17s24	1s 6	12n58	1s15	8s35	1s19	19s19	0s34	6n42	1s13	16n48	1n23	5s49	6s 7	15s47	15n 5	0s55

Julian Day Number = 3062046.5, Delta T = 02h32m02s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'26, Lahiri = 47°17'26

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

AUGUST 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 35	10♌26'26	4♉ 9	19♋29	21♍31	15♏57	8♑24	10°R59	5°R17	20°R12	17♌27	14°R45	15♎38	25♏47	14♑15	S 1
S 2	20 45 31	11°23'42	16°36	20°19	22°39	16°23	8°29	10♓55	5♒15	20♈12	17°29	14♎34	15°35	25°54	14°16	S 2
M 3	20 49 28	12°20'58	29°18	21°14	23°47	16°49	8°34	10°51	5°12	20°12	17°30	14°23	15°32	26° 0	14°17	M 3
T 4	20 53 24	13°18'14	12♒16	22°14	24°55	17°15	8°38	10°48	5°10	20°11	17°32	14°13	15°29	26° 7	14°18	T 4
W 5	20 57 21	14°15'30	25°28	23°18	26° 2	17°42	8°43	10°44	5° 7	20°11	17°33	14° 4	15°25	26°14	14°18	W 5
T 6	21 1 17	15°12'46	8♓53	24°27	27°10	18° 9	8°47	10°40	5° 5	20°10	17°35	13°57	15°22	26°20	14°19	T 6
F 7	21 5 14	16°10'02	22°30	25°40	28°17	18°36	8°51	10°37	5° 3	20°10	17°37	13°53	15°19	26°27	14°19	F 7
S 8	21 9 11	17° 7'19	6♈15	26°57	29°24	19° 4	8°55	10°33	5° 0	20° 9	17°38	13°51	15°16	26°34	14°20	S 8
S 9	21 13 7	18° 4'36	20° 9	28°19	0♎31	19°32	8°59	10°29	4°58	20° 9	17°40	13°D51	15°13	26°41	14°20	S 9
M10	21 17 4	19° 1'53	4♉ 9	29°45	1°38	20° 0	9° 3	10°25	4°56	20° 8	17°42	13°52	15° 9	26°47	14°21	M10
T 11	21 21 0	19°59'11	18°16	1♏14	2°45	20°28	9° 6	10°21	4°53	20° 8	17°43	13°R53	15° 6	26°54	14°21	T 11
W12	21 24 57	20°56'30	2♊27	2°48	3°51	20°57	9°10	10°17	4°51	20° 7	17°45	13°52	15° 3	27° 1	14°21	W12
T 13	21 28 53	21°53'49	16°41	4°26	4°58	21°26	9°13	10°13	4°49	20° 6	17°46	13°50	15° 0	27° 7	14°22	T 13
F 14	21 32 50	22°51'09	0♋55	6° 7	6° 4	21°55	9°16	10° 9	4°46	20° 6	17°48	13°45	14°57	27°14	14°22	F 14
S 15	21 36 46	23°48'30	15° 7	7°52	7°10	22°25	9°18	10° 4	4°44	20° 5	17°50	13°39	14°54	27°21	14°22	S 15
S 16	21 40 43	24°45'51	29°12	9°41	8°16	22°55	9°21	10° 0	4°42	20° 4	17°51	13°31	14°50	27°27	14°22	S 16
M17	21 44 40	25°43'12	13♌ 5	11°32	9°22	23°25	9°23	9°56	4°40	20° 3	17°53	13°24	14°47	27°34	14°R22	M17
T 18	21 48 36	26°40'34	26°43	13°26	10°27	23°55	9°25	9°52	4°37	20° 3	17°54	13°16	14°44	27°41	14°22	T 18
W19	21 52 33	27°37'57	10♍ 3	15°23	11°33	24°25	9°27	9°47	4°35	20° 2	17°56	13°11	14°41	27°47	14°22	W19
T 20	21 56 29	28°35'20	23° 3	17°23	12°38	24°56	9°29	9°43	4°33	20° 1	17°58	13° 7	14°38	27°54	14°22	T 20
F 21	22 0 26	29°32'43	5♎44	19°24	13°43	25°27	9°31	9°39	4°31	20° 0	17°59	13° 5	14°34	28° 1	14°21	F 21
S 22	22 4 22	0♍30'07	18° 7	21°27	14°48	25°59	9°32	9°34	4°29	19°59	18° 1	13°D 5	14°31	28° 7	14°21	S 22
S 23	22 8 19	1°27'31	0♏16	23°31	15°52	26°30	9°33	9°30	4°27	19°58	18° 2	13° 6	14°28	28°14	14°21	S 23
M24	22 12 15	2°24'56	12°14	25°36	16°57	27° 2	9°34	9°25	4°25	19°57	18° 4	13° 7	14°25	28°21	14°20	M24
T 25	22 16 12	3°22'21	24° 5	27°42	18° 1	27°34	9°35	9°21	4°23	19°56	18° 5	13° 9	14°22	28°27	14°20	T 25
W26	22 20 9	4°19'46	5♐56	29°48	19° 5	28° 6	9°36	9°17	4°21	19°55	18° 7	13°R 9	14°19	28°34	14°19	W26
T 27	22 24 5	5°17'12	17°51	1♍54	20° 9	28°38	9°36	9°12	4°19	19°54	18° 9	13° 8	14°15	28°41	14°19	T 27
F 28	22 28 2	6°14'38	29°55	4° 0	21°12	29°11	9°R36	9° 8	4°17	19°53	18°10	13° 6	14°12	28°47	14°18	F 28
S 29	22 31 58	7°12'05	12♉12	6° 5	22°15	29°44	9°36	9° 3	4°15	19°52	18°12	13° 2	14° 9	28°54	14°18	S 29
S 30	22 35 55	8° 9'33	24°45	8°10	23°18	0♐17	9°36	8°59	4°13	19°51	18°13	12°57	14° 6	29° 1	14°17	S 30
M31	22 39 51	9♍ 7'01	7♒37	10♍14	24♎21	0♐50	9♑36	8♓54	4♒11	19♈50	18♌15	12♎51	14♎ 3	29♏ 7	14♑16	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n28	18s11	4n58	18n40	3s11	4n31	1n17	17s32	1s 7	12n59	1s15	8s36	1s19	19s19	0s34	6n42	1s13	16n47	1n24	5s46	6s 6	15s48	15n 5	0s56
S 2	17 12	17 11	5 3	18 46	2 58	4 2	1 14	17 40	1 8	13 1	1 15	8 38	1 19	19 20	0 34	6 42	1 13	16 47	1 24	5 42	6 5	15 49	15 5	0 56
M 3	16 57	15 19	4 53	18 50	2 45	3 32	1 11	17 48	1 9	13 2	1 15	8 39	1 19	19 21	0 34	6 42	1 13	16 47	1 24	5 37	6 4	15 50	15 5	0 56
T 4	16 40	12 40	4 28	18 54	2 32	3 3	1 8	17 57	1 10	13 3	1 16	8 41	1 19	19 21	0 34	6 41	1 13	16 46	1 24	5 33	6 2	15 50	15 5	0 56
W 5	16 24	9 19	3 49	18 57	2 19	2 33	1 5	18 5	1 10	13 5	1 16	8 42	1 20	19 22	0 34	6 41	1 13	16 46	1 24	5 30	6 1	15 51	15 6	0 56
T 6	16 8	5 27	2 56	18 59	2 5	2 4	1 2	18 13	1 11	13 6	1 16	8 44	1 20	19 22	0 34	6 41	1 13	16 45	1 24	5 27	6 0	15 52	15 6	0 56
F 7	15 51	1 14	1 52	19 0	1 51	1 34	0 59	18 21	1 12	13 7	1 16	8 45	1 20	19 23	0 34	6 41	1 13	16 45	1 24	5 26	5 59	15 53	15 6	0 56
S 8	15 34	3n 5	0 41	18 59	1 37	1 5	0 55	18 30	1 13	13 8	1 17	8 47	1 20	19 23	0 34	6 41	1 13	16 44	1 24	5 25	5 57	15 54	15 6	0 56
S 9	15 16	7 17	0s34	18 57	1 23	0 35	0 52	18 38	1 13	13 9	1 17	8 49	1 20	19 24	0 34	6 40	1 13	16 44	1 24	5 25	5 56	15 55	15 6	0 57
M10	14 59	11 7	1 47	18 53	1 9	0 5	0 48	18 46	1 14	13 10	1 17	8 50	1 20	19 25	0 34	6 40	1 13	16 44	1 24	5 25	5 55	15 56	15 6	0 57
T 11	14 41	14 19	2 54	18 48	0 55	0s24	0 44	18 54	1 15	13 11	1 17	8 52	1 20	19 25	0 34	6 40	1 13	16 43	1 24	5 26	5 54	15 56	15 6	0 57
W12	14 23	16 41	3 51	18 40	0 42	0 54	0 41	19 3	1 15	13 11	1 18	8 53	1 20	19 26	0 34	6 40	1 13	16 43	1 24	5 25	5 53	15 57	15 6	0 57
T 13	14 5	18 1	4 34	18 31	0 29	1 24	0 37	19 11	1 16	13 12	1 18	8 55	1 21	19 26	0 34	6 39	1 13	16 42	1 24	5 24	5 51	15 58	15 5	0 57
F 14	13 46	18 14	5 0	18 19	0 16	1 53	0 33	19 19	1 17	13 13	1 18	8 57	1 21	19 27	0 34	6 39	1 14	16 42	1 24	5 23	5 50	15 59	15 5	0 57
S 15	13 28	17 17	5 7	18 5	0 3	2 23	0 29	19 27	1 17	13 13	1 18	8 58	1 21	19 27	0 34	6 39	1 14	16 41	1 24	5 20	5 49	16 0	15 5	0 57
S 16	13 9	15 18	4 56	17 49	0n 9	2 52	0 25	19 35	1 18	13 14	1 19	9 0	1 21	19 28	0 34	6 38	1 14	16 41	1 24	5 17	5 48	16 1	15 5	0 58
M17	12 50	12 28	4 27	17 30	0 21	3 22	0 20	19 43	1 18	13 14	1 19	9 2	1 21	19 28	0 34	6 38	1 14	16 41	1 25	5 14	5 47	16 2	15 5	0 58
T 18	12 31	8 59	3 44	17 8	0 32	3 51	0 16	19 51	1 19	13 15	1 19	9 3	1 21	19 29	0 34	6 38	1 14	16 40	1 25	5 12	5 45	16 2	15 5	0 58
W19	12 11	5 7	2 49	16 45	0 42	4 21	0 12	20 0	1 20	13 15	1 19	9 5	1 21	19 29	0 34	6 37	1 14	16 40	1 25	5 9	5 44	16 3	15 5	0 58
T 20	11 52	1 6	1 46	16 18	0 52	4 50	0 7	20 8	1 20	13 16	1 20	9 7	1 21	19 30	0 34	6 37	1 14	16 39	1 25	5 8	5 43	16 4	15 5	0 58
F 21	11 32	2s52	0 40	15 50	1 0	5 20	0 3	20 16	1 21	13 16	1 20	9 9	1 22	19 30	0 34	6 37	1 14	16 39	1 25	5 7	5 42	16 5	15 4	0 58
S 22	11 12	6 37	0n27	15 19	1 9	5 49	0s 2	20 23	1 21	13 16	1 20	9 10	1 22	19 31	0 34	6 36	1 14	16 38	1 25	5 7	5 40	16 6	15 4	0 58
S 23	10 52	10 1	1 32	14 45	1 16	6 18	0 7	20 31	1 22	13 16	1 20	9 12	1 22	19 31	0 34	6 36	1 14	16 38	1 25	5 8	5 39	16 6	15 4	0 58
M24	10 31	12 57	2 32	14 10	1 22	6 47	0 12	20 39	1 22	13 16	1 21	9 14	1 22	19 32	0 34	6 35	1 14	16 38	1 25	5 8	5 38	16 7	15 4	0 59
T 25	10 11	15 19	3 24	13 33	1 28	7 16	0 17	20 47	1 23	13 16	1 21	9 16	1 22	19 32	0 34	6 35	1 14	16 37	1 25	5 9	5 37	16 8	15 4	0 59
W26	9 50	17 1	4 8	12 54	1 33	7 44	0 22	20 55	1 23	13 16	1 21	9 17	1 22	19 33	0 34	6 35	1 14	16 37	1 25	5 9	5 36	16 9	15 3	0 59
T 27	9 29	18 0	4 42	12 13	1 37	8 13	0 27	21 2	1 24	13 16	1 21	9 19	1 22	19 33	0 34	6 34	1 14	16 36	1 25	5 8	5 34	16 10	15 3	0 59
F 28	9 8	18 10	5 3	11 31	1 40	8 41	0 32	21 10	1 24	13 16	1 22	9 21	1 22	19 34	0 34	6 34	1 14	16 36	1 25	5 7	5 33	16 11	15 3	0 59
S 29	8 47	17 30	5 11	10 47	1 42	9 10	0 37	21 17	1 25	13 16	1 22	9 23	1 22	19 34	0 34	6 33	1 14	16 36	1 25	5 6	5 32	16 11	15 2	0 59
S 30	8 26	15 59	5 5	10 2	1 44	9 38	0 42	21 25	1 25	13 15	1 22	9 24	1 22	19 35	0 34	6 33	1 14	16 35	1 25	5 4	5 31	16 12	15 2	0 59
M31	8n 5	13s38	4n43	9n17	1n45	10s 6	0s48	21s32	1s26	13n15	1s22	9s26	1s22	19s35	0s34	6n32	1s14	16n35	1n26	5s 2	5s29	16s13	15n 2	0s59

Julian Day Number = 3062077.5, Delta T = 02h32m03s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'30, Lahiri = 47°17'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3671
geocentric

SEPTEMBER 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 43 48	10♍ 4'30	20♒48	12♍17	25♎23	1♐23	9°R35	8°R50	4°R 9	19°R49	18♌16	12°R46	14♎ 0	29♏14	14°R15	T 1
W 2	22 47 44	11° 1'59	4♓19	14°18	26°26	1°57	9♉34	8♓45	4♒ 7	19♈47	18°18	12♎41	13°56	29°21	14♉15	W 2
T 3	22 51 41	11°59'30	18° 6	16°19	27°28	2°31	9°33	8°41	4° 6	19°46	18°19	12°38	13°53	29°28	14°14	T 3
F 4	22 55 38	12°57'01	2♈ 8	18°18	28°29	3° 5	9°32	8°36	4° 4	19°45	18°21	12°36	13°50	29°34	14°13	F 4
S 5	22 59 34	13°54'34	16°19	20°16	29°30	3°39	9°31	8°32	4° 2	19°44	18°22	12°D36	13°47	29°41	14°12	S 5
S 6	23 3 31	14°52'07	0♉37	22°12	0♏31	4°13	9°29	8°28	4° 1	19°43	18°24	12°37	13°44	29°48	14°11	S 6
M 7	23 7 27	15°49'42	14°56	24° 8	1°32	4°48	9°27	8°23	3°59	19°41	18°25	12°38	13°40	29°54	14°10	M 7
T 8	23 11 24	16°47'19	29°15	26° 1	2°32	5°23	9°25	8°19	3°57	19°40	18°27	12°40	13°37	0♐ 1	14° 8	T 8
W 9	23 15 20	17°44'56	13♊29	27°53	3°33	5°58	9°23	8°14	3°56	19°39	18°28	12°R40	13°34	0° 8	14° 7	W 9
T 10	23 19 17	18°42'35	27°38	29°44	4°32	6°33	9°21	8°10	3°54	19°37	18°29	12°40	13°31	0°14	14° 6	T 10
F 11	23 23 13	19°40'16	11♋38	1♎33	5°32	7° 8	9°18	8° 6	3°53	19°36	18°31	12°39	13°28	0°21	14° 5	F 11
S 12	23 27 10	20°37'58	25°29	3°21	6°31	7°44	9°15	8° 1	3°51	19°35	18°32	12°37	13°25	0°28	14° 3	S 12
S 13	23 31 6	21°35'41	9♌ 8	5° 7	7°29	8°19	9°12	7°57	3°50	19°33	18°34	12°34	13°21	0°34	14° 2	S 13
M14	23 35 3	22°33'26	22°35	6°52	8°28	8°55	9° 9	7°53	3°49	19°32	18°35	12°31	13°18	0°41	14° 0	M14
T 15	23 39 0	23°31'12	5♍48	8°35	9°25	9°31	9° 6	7°48	3°47	19°30	18°36	12°28	13°15	0°48	13°59	T 15
W16	23 42 56	24°28'59	18°46	10°17	10°23	10° 7	9° 2	7°44	3°46	19°29	18°38	12°26	13°12	0°54	13°57	W16
T 17	23 46 53	25°26'48	1♎29	11°58	11°20	10°44	8°59	7°40	3°45	19°27	18°39	12°25	13° 9	1° 1	13°56	T 17
F 18	23 50 49	26°24'38	13°57	13°37	12°16	11°20	8°55	7°36	3°44	19°26	18°40	12°D25	13° 5	1° 8	13°54	F 18
S 19	23 54 46	27°22'29	26°13	15°15	13°13	11°57	8°51	7°32	3°43	19°24	18°42	12°25	13° 2	1°15	13°53	S 19
S 20	23 58 42	28°20'22	8♏17	16°51	14° 8	12°34	8°46	7°28	3°41	19°23	18°43	12°26	12°59	1°21	13°51	S 20
M21	0 2 39	29°18'15	20°13	18°27	15° 4	13°11	8°42	7°24	3°40	19°21	18°44	12°27	12°56	1°28	13°49	M21
T 22	0 6 35	0♎16'10	2♐ 4	20° 0	15°58	13°48	8°37	7°20	3°39	19°20	18°46	12°29	12°53	1°35	13°47	T 22
W23	0 10 32	1°14'06	13°55	21°33	16°52	14°25	8°33	7°16	3°38	19°18	18°47	12°30	12°50	1°41	13°45	W23
T 24	0 14 29	2°12'04	25°49	23° 4	17°46	15° 2	8°28	7°12	3°38	19°17	18°48	12°30	12°46	1°48	13°44	T 24
F 25	0 18 25	3°10'02	7♑52	24°34	18°39	15°40	8°23	7° 8	3°37	19°15	18°49	12°R30	12°43	1°55	13°42	F 25
S 26	0 22 22	4° 8'02	20° 8	26° 2	19°31	16°18	8°17	7° 5	3°36	19°14	18°51	12°30	12°40	2° 1	13°40	S 26
S 27	0 26 18	5° 6'03	2♒41	27°29	20°23	16°56	8°12	7° 1	3°35	19°12	18°52	12°29	12°37	2° 8	13°38	S 27
M28	0 30 15	6° 4'05	15°35	28°55	21°15	17°34	8° 6	6°57	3°34	19°10	18°53	12°28	12°34	2°15	13°36	M28
T 29	0 34 11	7° 2'08	28°51	0♏19	22° 5	18°12	8° 1	6°54	3°34	19° 9	18°54	12°28	12°31	2°21	13°34	T 29
W30	0 38 8	8♎ 0'13	12♓32	1♏42	22♏55	18♐50	7♉55	6♓50	3♒33	19♈ 7	18♌55	12♎27	12♎27	2♐28	13♉31	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7n43	10s32	4n 6	8n30	1n45	10s33	0s53	21s39	1s26	13n15	1s23	9s28	1s22	19s35	0s34	6n32	1s14	16n34	1n26	5s 0	5s28	16s14	15n 1	1s 0	
W 2	7 22	6 49	3 14	7 43	1 44	11 1	0 59	21 47	1 27	13 14	1 23	9 29	1 23	19 36	0 34	6 31	1 14	16 34	1 26	4 58	5 27	16 15	15 1	1 0	
T 3	7 0	2 40	2 10	6 56	1 43	11 28	1 4	21 54	1 27	13 14	1 23	9 31	1 23	19 36	0 34	6 31	1 14	16 34	1 26	4 57	5 26	16 15	15 1	1 0	
F 4	6 38	1n43	0 57	6 8	1 41	11 56	1 10	22 1	1 27	13 13	1 23	9 33	1 23	19 37	0 34	6 31	1 14	16 33	1 26	4 56	5 25	16 16	15 0	1 0	
S 5	6 16	6 3	0s20	5 20	1 38	12 23	1 15	22 8	1 28	13 12	1 24	9 35	1 23	19 37	0 34	6 30	1 14	16 33	1 26	4 56	5 23	16 17	15 0	1 0	
S 6	5 54	10 4	1 37	4 31	1 35	12 49	1 21	22 15	1 28	13 12	1 24	9 36	1 23	19 37	0 34	6 30	1 14	16 32	1 26	4 56	5 22	16 18	14 59	1 0	
M 7	5 32	13 29	2 48	3 43	1 31	13 16	1 27	22 21	1 29	13 11	1 24	9 38	1 23	19 38	0 34	6 29	1 14	16 32	1 26	4 57	5 21	16 18	14 59	1 0	
T 8	5 10	16 5	3 49	2 54	1 27	13 42	1 33	22 28	1 29	13 10	1 24	9 40	1 23	19 38	0 34	6 28	1 14	16 32	1 26	4 57	5 20	16 19	14 58	1 1	
W 9	4 48	17 40	4 35	2 6	1 23	14 8	1 39	22 34	1 29	13 9	1 25	9 41	1 23	19 39	0 34	6 28	1 14	16 31	1 26	4 58	5 18	16 20	14 58	1 1	
T 10	4 26	18 8	5 4	1 18	1 18	14 34	1 45	22 41	1 30	13 8	1 25	9 43	1 23	19 39	0 34	6 27	1 14	16 31	1 26	4 58	5 17	16 21	14 57	1 1	
F 11	4 3	17 30	5 15	0 30	1 13	14 59	1 51	22 47	1 30	13 7	1 25	9 45	1 23	19 39	0 34	6 27	1 15	16 31	1 26	4 57	5 16	16 22	14 57	1 1	
S 12	3 41	15 49	5 7	0s18	1 7	15 25	1 57	22 53	1 30	13 6	1 25	9 46	1 23	19 40	0 34	6 26	1 15	16 30	1 26	4 56	5 15	16 22	14 56	1 1	
S 13	3 18	13 16	4 42	1 5	1 1	15 49	2 3	22 59	1 31	13 5	1 25	9 48	1 23	19 40	0 34	6 26	1 15	16 30	1 27	4 55	5 14	16 23	14 56	1 1	
M14	2 56	10 3	4 1	1 52	0 55	16 14	2 9	23 5	1 31	13 4	1 26	9 50	1 23	19 40	0 34	6 25	1 15	16 30	1 27	4 54	5 12	16 24	14 55	1 1	
T 15	2 33	6 23	3 9	2 38	0 48	16 39	2 15	23 11	1 31	13 2	1 26	9 51	1 23	19 40	0 34	6 25	1 15	16 29	1 27	4 53	5 11	16 25	14 55	1 1	
W16	2 10	2 27	2 7	3 24	0 41	17 3	2 22	23 16	1 31	13 1	1 26	9 53	1 23	19 41	0 34	6 24	1 15	16 29	1 27	4 52	5 10	16 25	14 54	1 2	
T 17	1 48	1s30	1 0	4 10	0 34	17 26	2 28	23 22	1 32	13 0	1 26	9 54	1 23	19 41	0 34	6 24	1 15	16 29	1 27	4 52	5 9	16 26	14 54	1 2	
F 18	1 25	5 20	0n 9	4 55	0 27	17 50	2 34	23 27	1 32	12 58	1 27	9 56	1 23	19 41	0 34	6 23	1 15	16 28	1 27	4 52	5 7	16 27	14 53	1 2	
S 19	1 2	8 51	1 16	5 39	0 19	18 13	2 41	23 32	1 32	12 57	1 27	9 57	1 23	19 41	0 34	6 22	1 15	16 28	1 27	4 52	5 6	16 28	14 52	1 2	
S 20	0 39	11 57	2 18	6 23	0 12	18 36	2 47	23 38	1 33	12 55	1 27	9 59	1 23	19 42	0 34	6 22	1 15	16 28	1 27	4 52	5 5	16 28	14 52	1 2	
M21	0 16	14 31	3 14	7 6	0 4	18 58	2 53	23 42	1 33	12 54	1 27	10 0	1 23	19 42	0 33	6 21	1 15	16 27	1 27	4 53	5 4	16 29	14 51	1 2	
T 22	0s 6	16 26	4 2	7 49	0s 4	19 20	3 0	23 47	1 33	12 52	1 27	10 2	1 23	19 42	0 33	6 21	1 15	16 27	1 27	4 53	5 3	16 30	14 51	1 2	
W23	0 29	17 39	4 39	8 31	0 12	19 42	3 6	23 52	1 33	12 50	1 28	10 3	1 23	19 42	0 33	6 20	1 15	16 27	1 27	4 54	5 1	16 30	14 50	1 2	
T 24	0 52	18 6	5 4	9 12	0 20	20 3	3 13	23 56	1 33	12 49	1 28	10 5	1 23	19 43	0 33	6 19	1 15	16 26	1 27	4 54	5 0	16 31	14 49	1 3	
F 25	1 15	17 44	5 16	9 53	0 29	20 25	3 19	24 1	1 34	12 47	1 28	10 6	1 23	19 43	0 33	6 19	1 15	16 26	1 28	4 54	4 59	16 32	14 48	1 3	
S 26	1 38	16 33	5 14	10 32	0 37	20 45	3 26	24 5	1 34	12 45	1 28	10 8	1 23	19 43	0 33	6 18	1 15	16 26	1 28	4 54	4 58	16 33	14 48	1 3	
S 27	2 1	14 33	4 58	11 11	0 45	21 5	3 32	24 9	1 34	12 43	1 28	10 9	1 23	19 43	0 33	6 18	1 15	16 25	1 28	4 53	4 56	16 33	14 47	1 3	
M28	2 23	11 47	4 26	11 50	0 54	21 25	3 39	24 13	1 34	12 41	1 28	10 10	1 23	19 43	0 33	6 17	1 15	16 25	1 28	4 53	4 55	16 34	14 46	1 3	
T 29	2 46	8 20	3 39	12 27	1 2	21 45	3 45	24 16	1 34	12 39	1 29	10 12	1 23	19 43	0 33	6 16	1 15	16 25	1 28	4 53	4 54	16 35	14 46	1 3	
W30	3s 9	4s21	2n39	13s 4	1s11	22s 4	3s52	24s20	1s35	12n37	1s29	10s13	1s23	19s43	0s33	6n16	1s15	16n25	1n28	4s53	4s53	16s36	14n45	1s 3	

Julian Day Number = 3062108.5, Delta T = 02h32m04s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'34, Lahiri = 47°17'35

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

OCTOBER 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 42 4	8♎58'19	26♓35	3♏ 3	23♏44	19♐28	7°R49	6°R47	3°R33	19°R 6	18♌56	12°R27	12♎24	2♐35	13°R29	T 1
F 2	0 46 1	9°56'27	10♈58	4°23	24°33	20° 7	7♉43	6♓44	3♒32	19♈ 4	18°58	12°D27	12°21	2°41	13♉27	F 2
S 3	0 49 57	10°54'37	25°34	5°41	25°20	20°46	7°36	6°40	3°32	19° 2	18°59	12♎27	12°18	2°48	13°25	S 3
S 4	0 53 54	11°52'48	10♉19	6°58	26° 7	21°25	7°30	6°37	3°31	19° 1	19° 0	12°27	12°15	2°55	13°23	S 4
M 5	0 57 51	12°51'01	25° 4	8°13	26°53	22° 4	7°23	6°34	3°31	18°59	19° 1	12°R27	12°11	3° 2	13°20	M 5
T 6	1 1 47	13°49'16	9♊44	9°27	27°38	22°43	7°17	6°31	3°30	18°57	19° 2	12°27	12° 8	3° 8	13°18	T 6
W 7	1 5 44	14°47'32	24°12	10°38	28°22	23°22	7°10	6°28	3°30	18°56	19° 3	12°27	12° 5	3°15	13°16	W 7
T 8	1 9 40	15°45'51	8♋26	11°48	29° 6	24° 1	7° 3	6°25	3°30	18°54	19° 4	12°26	12° 2	3°22	13°13	T 8
F 9	1 13 37	16°44'12	22°23	12°56	29°48	24°41	6°56	6°22	3°30	18°52	19° 5	12°D26	11°59	3°28	13°11	F 9
S 10	1 17 33	17°42'35	6♌ 2	14° 2	0♐30	25°20	6°49	6°19	3°30	18°51	19° 6	12°27	11°56	3°35	13° 8	S 10
S 11	1 21 30	18°41'00	19°23	15° 5	1°10	26° 0	6°42	6°16	3°30	18°49	19° 7	12°27	11°52	3°42	13° 6	S 11
M12	1 25 26	19°39'27	2♍29	16° 7	1°49	26°40	6°34	6°14	3°D30	18°47	19° 8	12°28	11°49	3°48	13° 3	M12
T 13	1 29 23	20°37'56	15°19	17° 5	2°28	27°20	6°27	6°11	3°30	18°46	19° 8	12°28	11°46	3°55	13° 1	T 13
W14	1 33 20	21°36'26	27°56	18° 2	3° 5	28° 0	6°19	6° 9	3°30	18°44	19° 9	12°29	11°43	4° 2	12°58	W14
T 15	1 37 16	22°34'59	10♎21	18°55	3°41	28°40	6°12	6° 6	3°30	18°42	19°10	12°R29	11°40	4° 8	12°56	T 15
F 16	1 41 13	23°33'34	22°35	19°45	4°15	29°21	6° 4	6° 4	3°30	18°41	19°11	12°29	11°37	4°15	12°53	F 16
S 17	1 45 9	24°32'10	4♏41	20°32	4°49	0♑ 1	5°56	6° 2	3°30	18°39	19°12	12°28	11°33	4°22	12°51	S 17
S 18	1 49 6	25°30'48	16°39	21°15	5°21	0°42	5°49	6° 0	3°31	18°38	19°13	12°27	11°30	4°29	12°48	S 18
M19	1 53 2	26°29'28	28°32	21°55	5°51	1°23	5°41	5°58	3°31	18°36	19°13	12°25	11°27	4°35	12°45	M19
T 20	1 56 59	27°28'10	10♐22	22°30	6°20	2° 3	5°33	5°56	3°31	18°34	19°14	12°23	11°24	4°42	12°43	T 20
W21	2 0 55	28°26'53	22°12	23° 1	6°48	2°44	5°25	5°54	3°32	18°33	19°15	12°20	11°21	4°49	12°40	W21
T 22	2 4 52	29°25'39	4♑ 6	23°27	7°14	3°25	5°17	5°52	3°32	18°31	19°16	12°18	11°17	4°55	12°37	T 22
F 23	2 8 48	0♏24'25	16° 7	23°47	7°38	4° 7	5° 9	5°50	3°33	18°29	19°16	12°17	11°14	5° 2	12°35	F 23
S 24	2 12 45	1°23'14	28°20	24° 2	8° 0	4°48	5° 1	5°49	3°33	18°28	19°17	12°D16	11°11	5° 9	12°32	S 24
S 25	2 16 42	2°22'04	10♒48	24°11	8°21	5°29	4°53	5°47	3°34	18°26	19°18	12°16	11° 8	5°15	12°29	S 25
M26	2 20 38	3°20'55	23°37	24°R13	8°40	6°11	4°45	5°46	3°35	18°25	19°18	12°17	11° 5	5°22	12°26	M26
T 27	2 24 35	4°19'48	6♓50	24° 8	8°57	6°52	4°37	5°45	3°35	18°23	19°19	12°19	11° 2	5°29	12°24	T 27
W28	2 28 31	5°18'43	20°29	23°56	9°12	7°34	4°29	5°43	3°36	18°21	19°19	12°20	10°58	5°35	12°21	W28
T 29	2 32 28	6°17'40	4♈36	23°37	9°25	8°16	4°21	5°42	3°37	18°20	19°20	12°21	10°55	5°42	12°18	T 29
F 30	2 36 24	7°16'38	19° 7	23° 9	9°36	8°58	4°13	5°41	3°38	18°18	19°20	12°R21	10°52	5°49	12°15	F 30
S 31	2 40 21	8♏15'38	3♉59	22♏34	9♐45	9♑40	4♉ 5	5♓40	3♒39	18♈17	19♌21	12♎20	10♎49	5♐56	12♉13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s32	0s 1	1n27	13s39	1s19	22s23	3s58	24s23	1s35	12n35	1s29	10s14	1s23	19s44	0s33	6n15	1s15	16n24	1n28	4s52	4s51	16s36	14n44	1s 3
F 2	3 54	4n26	0 8	14 14	1 27	22 41	4 5	24 26	1 35	12 33	1 29	10 15	1 23	19 44	0 33	6 15	1 15	16 24	1 28	4 52	4 50	16 37	14 43	1 3
S 3	4 17	8 41	1s12	14 48	1 36	22 59	4 11	24 29	1 35	12 31	1 29	10 16	1 23	19 44	0 33	6 14	1 15	16 24	1 28	4 52	4 49	16 38	14 43	1 4
S 4	4 39	12 25	2 29	15 21	1 44	23 17	4 17	24 32	1 35	12 29	1 29	10 18	1 23	19 44	0 33	6 13	1 15	16 24	1 28	4 52	4 48	16 38	14 42	1 4
M 5	5 2	15 22	3 35	15 53	1 52	23 34	4 24	24 34	1 35	12 26	1 29	10 19	1 23	19 44	0 33	6 13	1 15	16 23	1 28	4 52	4 47	16 39	14 41	1 4
T 6	5 24	17 18	4 27	16 25	2 0	23 50	4 30	24 37	1 35	12 24	1 30	10 20	1 23	19 44	0 33	6 12	1 15	16 23	1 29	4 52	4 45	16 40	14 40	1 4
W 7	5 47	18 4	5 2	16 55	2 8	24 7	4 36	24 39	1 35	12 22	1 30	10 21	1 23	19 44	0 33	6 11	1 15	16 23	1 29	4 52	4 44	16 40	14 39	1 4
T 8	6 9	17 41	5 17	17 24	2 16	24 22	4 43	24 41	1 36	12 20	1 30	10 22	1 23	19 44	0 33	6 11	1 15	16 23	1 29	4 52	4 43	16 41	14 39	1 4
F 9	6 31	16 14	5 13	17 52	2 24	24 38	4 49	24 43	1 36	12 17	1 30	10 23	1 23	19 44	0 33	6 10	1 15	16 23	1 29	4 52	4 42	16 42	14 38	1 4
S 10	6 53	13 53	4 51	18 19	2 32	24 53	4 55	24 44	1 36	12 15	1 30	10 24	1 23	19 44	0 33	6 10	1 15	16 22	1 29	4 52	4 40	16 43	14 37	1 4
S 11	7 15	10 51	4 14	18 45	2 39	25 7	5 1	24 45	1 36	12 12	1 30	10 25	1 23	19 44	0 33	6 9	1 15	16 22	1 29	4 53	4 39	16 43	14 36	1 4
M12	7 37	7 19	3 24	19 10	2 46	25 21	5 7	24 47	1 36	12 10	1 30	10 26	1 23	19 44	0 33	6 8	1 15	16 22	1 29	4 53	4 38	16 44	14 35	1 5
T 13	7 59	3 30	2 25	19 33	2 53	25 35	5 13	24 48	1 36	12 7	1 30	10 27	1 23	19 44	0 33	6 8	1 15	16 22	1 29	4 53	4 37	16 45	14 34	1 5
W14	8 21	0s25	1 20	19 55	3 0	25 48	5 19	24 48	1 36	12 5	1 30	10 28	1 23	19 44	0 33	6 7	1 15	16 22	1 29	4 53	4 36	16 45	14 34	1 5
T 15	8 43	4 15	0 12	20 16	3 6	26 0	5 24	24 49	1 36	12 2	1 30	10 29	1 23	19 44	0 33	6 6	1 15	16 21	1 29	4 54	4 34	16 46	14 33	1 5
F 16	9 4	7 51	0n56	20 36	3 12	26 12	5 30	24 49	1 36	12 0	1 30	10 29	1 23	19 44	0 33	6 6	1 15	16 21	1 30	4 53	4 33	16 47	14 32	1 5
S 17	9 25	11 5	2 0	20 53	3 17	26 24	5 36	24 49	1 36	11 57	1 31	10 30	1 23	19 44	0 33	6 5	1 15	16 21	1 30	4 53	4 32	16 47	14 31	1 5
S 18	9 47	13 49	2 58	21 10	3 22	26 35	5 41	24 49	1 36	11 55	1 31	10 31	1 23	19 44	0 33	6 5	1 15	16 21	1 30	4 53	4 31	16 48	14 30	1 5
M19	10 8	15 56	3 48	21 25	3 27	26 46	5 46	24 49	1 36	11 52	1 31	10 32	1 23	19 44	0 33	6 4	1 15	16 21	1 30	4 52	4 29	16 49	14 29	1 5
T 20	10 29	17 23	4 28	21 38	3 31	26 56	5 51	24 48	1 36	11 49	1 31	10 32	1 23	19 43	0 33	6 3	1 15	16 21	1 30	4 51	4 28	16 49	14 28	1 5
W21	10 50	18 4	4 56	21 49	3 34	27 6	5 56	24 48	1 36	11 47	1 31	10 33	1 23	19 43	0 33	6 3	1 15	16 21	1 30	4 50	4 27	16 50	14 27	1 6
T 22	11 10	17 57	5 12	21 58	3 37	27 15	6 1	24 47	1 36	11 44	1 31	10 34	1 23	19 43	0 33	6 2	1 15	16 20	1 30	4 49	4 26	16 51	14 27	1 6
F 23	11 31	17 3	5 15	22 5	3 39	27 23	6 5	24 45	1 36	11 42	1 31	10 34	1 23	19 43	0 33	6 1	1 15	16 20	1 30	4 49	4 24	16 51	14 26	1 6
S 24	11 51	15 21	5 3	22 9	3 39	27 31	6 9	24 44	1 36	11 39	1 31	10 35	1 23	19 43	0 33	6 1	1 15	16 20	1 30	4 48	4 23	16 52	14 25	1 6
S 25	12 11	12 55	4 37	22 11	3 39	27 39	6 13	24 42	1 36	11 36	1 31	10 35	1 23	19 43	0 33	6 0	1 15	16 20	1 30	4 48	4 22	16 52	14 24	1 6
M26	12 31	9 47	3 57	22 11	3 38	27 45	6 17	24 40	1 36	11 34	1 31	10 36	1 22	19 43	0 33	6 0	1 15	16 20	1 31	4 49	4 21	16 53	14 23	1 6
T 27	12 51	6 5	3 3	22 7	3 36	27 52	6 21	24 38	1 36	11 31	1 31	10 36	1 22	19 42	0 33	5 59	1 15	16 20	1 31	4 49	4 19	16 54	14 22	1 6
W28	13 10	1 56	1 58	22 1	3 32	27 57	6 24	24 36	1 36	11 28	1 31	10 36	1 22	19 42	0 33	5 58	1 15	16 20	1 31	4 50	4 18	16 54	14 21	1 6
T 29	13 30	2n28	0 43	21 51	3 27	28 2	6 27	24 33	1 36	11 26	1 31	10 37	1 22	19 42	0 33	5 58	1 15	16 20	1 31	4 50	4 17	16 55	14 20	1 6
F 30	13 49	6 51	0s37	21 37	3 20	28 6	6 29	24 31	1 35	11 23	1 31	10 37	1 22	19 42	0 33	5 57	1 15	16 20	1 31	4 50	4 16	16 56	14 19	1 6
S 31	14s 8	10n54	1s56	21s20	3s12	28s10	6s32	24s27	1s35	11n20	1s31	10s37	1s22	19s41	0s33	5n57	1s15	16n20	1n31	4s50	4s15	16s56	14n18	1s 6

Julian Day Number = 3062138.5, Delta T = 02h32m05s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'38, Lahiri = 47°17'39

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

NOVEMBER 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 44 17	9♏14'40	19♉ 4	21°R51	9♐52	10♑22	3°R57	5°R40	3♒40	18°R15	19♌21	12°R18	10♎46	6♐ 2	12°R10	S 1
M 2	2 48 14	10°13'44	4♊13	21♏ 1	9°56	11° 4	3♉49	5♓39	3°41	18♈14	19°22	12♎14	10°42	6° 9	12♉ 7	M 2
T 3	2 52 11	11°12'51	19°17	20° 4	9°R58	11°47	3°41	5°38	3°42	18°12	19°22	12°10	10°39	6°16	12° 4	T 3
W 4	2 56 7	12°11'59	4♋ 5	19° 1	9°58	12°29	3°33	5°38	3°43	18°11	19°22	12° 6	10°36	6°22	12° 1	W 4
T 5	3 0 4	13°11'10	18°33	17°53	9°55	13°11	3°25	5°37	3°44	18° 9	19°23	12° 3	10°33	6°29	11°59	T 5
F 6	3 4 0	14°10'23	2♌37	16°42	9°50	13°54	3°17	5°37	3°46	18° 8	19°23	12° 1	10°30	6°36	11°56	F 6
S 7	3 7 57	15° 9'38	16°15	15°31	9°43	14°37	3° 9	5°37	3°47	18° 6	19°24	12°D 0	10°27	6°42	11°53	S 7
S 8	3 11 53	16° 8'55	29°30	14°19	9°33	15°20	3° 2	5°37	3°48	18° 5	19°24	12° 1	10°23	6°49	11°50	S 8
M 9	3 15 50	17° 8'14	12♍23	13°11	9°21	16° 2	2°54	5°D37	3°50	18° 4	19°24	12° 3	10°20	6°56	11°47	M 9
T 10	3 19 46	18° 7'36	24°59	12° 7	9° 6	16°45	2°47	5°37	3°51	18° 2	19°24	12° 4	10°17	7° 3	11°45	T 10
W11	3 23 43	19° 7'00	7♎20	11°10	8°49	17°29	2°39	5°37	3°53	18° 1	19°25	12°R 5	10°14	7° 9	11°42	W11
T 12	3 27 40	20° 6'26	19°30	10°21	8°30	18°12	2°32	5°37	3°54	18° 0	19°25	12° 5	10°11	7°16	11°39	T 12
F 13	3 31 36	21° 5'54	1♏32	9°41	8° 8	18°55	2°25	5°38	3°56	17°58	19°25	12° 3	10° 8	7°23	11°36	F 13
S 14	3 35 33	22° 5'24	13°29	9°12	7°45	19°38	2°17	5°38	3°57	17°57	19°25	11°59	10° 4	7°29	11°34	S 14
S 15	3 39 29	23° 4'56	25°22	8°54	7°19	20°22	2°10	5°39	3°59	17°56	19°25	11°53	10° 1	7°36	11°31	S 15
M16	3 43 26	24° 4'30	7♐12	8°D48	6°52	21° 5	2° 4	5°39	4° 1	17°54	19°25	11°46	9°58	7°43	11°28	M16
T 17	3 47 22	25° 4'06	19° 3	8°52	6°22	21°49	1°57	5°40	4° 3	17°53	19°25	11°37	9°55	7°49	11°25	T 17
W18	3 51 19	26° 3'44	0♑55	9° 7	5°51	22°33	1°50	5°41	4° 4	17°52	19°25	11°29	9°52	7°56	11°23	W18
T 19	3 55 15	27° 3'23	12°51	9°33	5°19	23°16	1°43	5°42	4° 6	17°51	19°R25	11°21	9°48	8° 3	11°20	T 19
F 20	3 59 12	28° 3'05	24°53	10° 8	4°45	24° 0	1°37	5°43	4° 8	17°49	19°25	11°14	9°45	8°10	11°17	F 20
S 21	4 3 9	29° 2'48	7♒ 5	10°51	4°10	24°44	1°31	5°44	4°10	17°48	19°25	11° 9	9°42	8°16	11°15	S 21
S 22	4 7 5	0♐ 2'32	19°30	11°43	3°34	25°28	1°25	5°46	4°12	17°47	19°25	11° 7	9°39	8°23	11°12	S 22
M23	4 11 2	1° 2'18	2♓13	12°41	2°58	26°12	1°19	5°47	4°14	17°46	19°25	11°D 6	9°36	8°30	11° 9	M23
T 24	4 14 58	2° 2'06	15°17	13°46	2°22	26°57	1°13	5°49	4°16	17°45	19°25	11° 7	9°33	8°36	11° 7	T 24
W25	4 18 55	3° 1'55	28°47	14°56	1°45	27°41	1° 7	5°50	4°18	17°44	19°25	11° 8	9°29	8°43	11° 4	W25
T 26	4 22 51	4° 1'46	12♈44	16°11	1° 8	28°25	1° 1	5°52	4°21	17°43	19°25	11°R 8	9°26	8°50	11° 2	T 26
F 27	4 26 48	5° 1'38	27°10	17°30	0°32	29°10	0°56	5°54	4°23	17°42	19°25	11° 7	9°23	8°56	10°59	F 27
S 28	4 30 44	6° 1'32	12♉ 1	18°52	29♏56	29°54	0°51	5°56	4°25	17°41	19°24	11° 4	9°20	9° 3	10°57	S 28
S 29	4 34 41	7° 1'28	27°11	20°17	29°22	0♒39	0°46	5°58	4°27	17°40	19°24	10°58	9°17	9°10	10°54	S 29
M30	4 38 38	8♐ 1'25	12♊31	21♏45	28♏48	1♒23	0♉41	6♓ 0	4♒30	17♈39	19♌24	10♎51	9♎14	9♐17	10♉52	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s27	14n19	3s 8	20s59	3s 2	28s13	6s33	24s24	1s35	11n18	1s30	10s38	1s22	19s41	0s33	5n56	1s15	16n20	1n31	4s49	4s13	16s57	14n17	1s 7
M 2	14 45	16 45	4 7	20 35	2 50	28 15	6 35	24 21	1 35	11 15	1 30	10 38	1 22	19 41	0 33	5 56	1 15	16 20	1 31	4 48	4 12	16 57	14 16	1 7
T 3	15 3	18 0	4 49	20 6	2 36	28 16	6 36	24 17	1 35	11 13	1 30	10 38	1 22	19 41	0 33	5 55	1 15	16 19	1 31	4 46	4 11	16 58	14 16	1 7
W 4	15 21	18 0	5 10	19 34	2 21	28 16	6 36	24 13	1 35	11 10	1 30	10 38	1 22	19 40	0 33	5 55	1 15	16 19	1 31	4 44	4 10	16 59	14 15	1 7
T 5	15 39	16 49	5 11	18 59	2 4	28 16	6 36	24 9	1 35	11 8	1 30	10 38	1 22	19 40	0 33	5 54	1 15	16 19	1 32	4 43	4 8	16 59	14 14	1 7
F 6	15 57	14 38	4 53	18 22	1 46	28 15	6 36	24 4	1 35	11 5	1 30	10 38	1 22	19 40	0 33	5 53	1 15	16 19	1 32	4 43	4 7	17 0	14 13	1 7
S 7	16 14	11 42	4 19	17 43	1 26	28 12	6 35	24 0	1 34	11 3	1 30	10 38	1 22	19 39	0 33	5 53	1 15	16 19	1 32	4 42	4 6	17 1	14 12	1 7
S 8	16 31	8 14	3 32	17 2	1 6	28 9	6 33	23 55	1 34	11 0	1 30	10 38	1 22	19 39	0 32	5 52	1 15	16 19	1 32	4 43	4 5	17 1	14 11	1 7
M 9	16 48	4 28	2 35	16 22	0 45	28 5	6 30	23 49	1 34	10 58	1 30	10 38	1 22	19 39	0 32	5 52	1 15	16 19	1 32	4 43	4 3	17 2	14 10	1 7
T 10	17 4	0 34	1 32	15 43	0 25	28 0	6 28	23 44	1 34	10 55	1 30	10 38	1 22	19 38	0 32	5 51	1 15	16 19	1 32	4 44	4 2	17 2	14 9	1 7
W11	17 21	3s17	0 26	15 7	0 4	27 53	6 24	23 38	1 34	10 53	1 30	10 38	1 21	19 38	0 32	5 51	1 15	16 20	1 32	4 44	4 1	17 3	14 8	1 7
T 12	17 37	6 56	0n40	14 33	0n15	27 46	6 20	23 33	1 33	10 50	1 29	10 38	1 21	19 38	0 32	5 50	1 15	16 20	1 32	4 44	4 0	17 4	14 7	1 7
F 13	17 52	10 17	1 44	14 3	0 33	27 38	6 15	23 26	1 33	10 48	1 29	10 38	1 21	19 37	0 32	5 50	1 15	16 20	1 32	4 43	3 58	17 4	14 6	1 7
S 14	18 7	13 10	2 42	13 38	0 50	27 28	6 9	23 20	1 33	10 46	1 29	10 37	1 21	19 37	0 32	5 49	1 15	16 20	1 32	4 42	3 57	17 5	14 5	1 8
S 15	18 22	15 29	3 33	13 18	1 6	27 17	6 2	23 13	1 33	10 44	1 29	10 37	1 21	19 36	0 32	5 49	1 15	16 20	1 33	4 40	3 56	17 5	14 5	1 8
M16	18 37	17 8	4 14	13 3	1 20	27 6	5 55	23 7	1 33	10 41	1 29	10 37	1 21	19 36	0 32	5 49	1 15	16 20	1 33	4 37	3 55	17 6	14 4	1 8
T 17	18 52	18 3	4 45	12 52	1 32	26 53	5 47	23 0	1 32	10 39	1 29	10 36	1 21	19 36	0 32	5 48	1 15	16 20	1 33	4 33	3 54	17 6	14 3	1 8
W18	19 6	18 10	5 3	12 47	1 42	26 39	5 39	22 52	1 32	10 37	1 28	10 36	1 21	19 35	0 32	5 48	1 15	16 20	1 33	4 30	3 52	17 7	14 2	1 8
T 19	19 19	17 30	5 8	12 47	1 51	26 23	5 29	22 45	1 32	10 35	1 28	10 36	1 21	19 35	0 32	5 47	1 15	16 20	1 33	4 27	3 51	17 8	14 1	1 8
F 20	19 33	16 3	4 59	12 51	1 58	26 7	5 19	22 37	1 32	10 33	1 28	10 35	1 21	19 34	0 32	5 47	1 15	16 20	1 33	4 24	3 50	17 8	14 0	1 8
S 21	19 46	13 52	4 37	13 0	2 3	25 50	5 8	22 29	1 31	10 31	1 28	10 35	1 21	19 34	0 32	5 46	1 15	16 20	1 33	4 23	3 49	17 9	13 59	1 8
S 22	19 58	11 0	4 2	13 12	2 7	25 32	4 57	22 21	1 31	10 29	1 28	10 34	1 21	19 33	0 32	5 46	1 15	16 20	1 33	4 22	3 47	17 9	13 58	1 8
M23	20 11	7 34	3 14	13 27	2 9	25 13	4 45	22 12	1 31	10 27	1 28	10 33	1 21	19 33	0 32	5 46	1 15	16 20	1 33	4 21	3 46	17 10	13 58	1 8
T 24	20 23	3 41	2 15	13 45	2 11	24 53	4 32	22 4	1 31	10 25	1 27	10 33	1 21	19 32	0 32	5 45	1 15	16 21	1 34	4 22	3 45	17 10	13 57	1 8
W25	20 34	0n32	1 6	14 5	2 11	24 33	4 19	21 55	1 30	10 24	1 27	10 32	1 20	19 32	0 32	5 45	1 15	16 21	1 34	4 22	3 44	17 11	13 56	1 8
T 26	20 46	4 51	0s 9	14 27	2 10	24 12	4 5	21 45	1 30	10 22	1 27	10 32	1 20	19 31	0 32	5 44	1 15	16 21	1 34	4 22	3 42	17 12	13 55	1 8
F 27	20 57	9 3	1 25	14 50	2 9	23 51	3 51	21 36	1 30	10 20	1 27	10 31	1 20	19 31	0 32	5 44	1 15	16 21	1 34	4 22	3 41	17 12	13 54	1 8
S 28	21 7	12 48	2 38	15 15	2 6	23 29	3 37	21 26	1 29	10 19	1 27	10 30	1 20	19 30	0 32	5 44	1 15	16 21	1 34	4 20	3 40	17 13	13 53	1 8
S 29	21 17	15 46	3 41	15 41	2 3	23 7	3 22	21 17	1 29	10 17	1 26	10 29	1 20	19 30	0 32	5 43	1 14	16 21	1 34	4 18	3 39	17 13	13 53	1 8
M30	21s27	17n39	4s29	16s 7	1n59	22s45	3s 7	21s 7	1s29	10n16	1s26	10s28	1s20	19s29	0s32	5n43	1s14	16n22	1n34	4s15	3s37	17s14	13n52	1s 8

Julian Day Number = 3062169.5, Delta T = 02h32m05s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'43, Lahiri = 47°17'43

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ASTRODIENST EPHEMERIS for the year 3671
geocentric

DECEMBER 3671 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 42 34	9♐ 1'25	27♊49	23♏14	28°R16	2♒ 8	0°R36	6♓ 2	4♒32	17°R38	19°R24	10°R42	9♎10	9♐23	10°R50	T 1
W 2	4 46 31	10° 1'26	12♋55	24°45	27♏45	2°53	0♑32	6° 4	4°34	17♈37	19♌23	10♎33	9° 7	9°30	10♑47	W 2
T 3	4 50 27	11° 1'29	27°39	26°17	27°16	3°38	0°27	6° 7	4°37	17°37	19°23	10°25	9° 4	9°37	10°45	T 3
F 4	4 54 24	12° 1'34	11♌55	27°51	26°49	4°22	0°23	6° 9	4°39	17°36	19°23	10°19	9° 1	9°43	10°43	F 4
S 5	4 58 20	13° 1'41	25°41	29°25	26°24	5° 7	0°19	6°12	4°42	17°35	19°22	10°15	8°58	9°50	10°40	S 5
S 6	5 2 17	14° 1'50	8♍59	1♐ 0	26° 1	5°52	0°15	6°14	4°44	17°34	19°22	10°D14	8°54	9°57	10°38	S 6
M 7	5 6 13	15° 2'01	21°50	2°35	25°40	6°38	0°12	6°17	4°47	17°33	19°21	10°14	8°51	10° 4	10°36	M 7
T 8	5 10 10	16° 2'14	4♎21	4°11	25°22	7°23	0° 8	6°20	4°50	17°33	19°21	10°R14	8°48	10°10	10°34	T 8
W 9	5 14 7	17° 2'29	16°35	5°47	25° 6	8° 8	0° 5	6°23	4°52	17°32	19°20	10°14	8°45	10°17	10°32	W 9
T 10	5 18 3	18° 2'45	28°37	7°23	24°52	8°53	0° 2	6°26	4°55	17°31	19°20	10°12	8°42	10°24	10°29	T 10
F 11	5 22 0	19° 3'04	10♏32	8°59	24°41	9°39	29♈59	6°29	4°58	17°31	19°19	10° 8	8°39	10°30	10°27	F 11
S 12	5 25 56	20° 3'24	22°23	10°35	24°32	10°24	29°56	6°32	5° 1	17°30	19°19	10° 1	8°35	10°37	10°25	S 12
S 13	5 29 53	21° 3'47	4♐13	12°11	24°26	11° 9	29°54	6°35	5° 3	17°30	19°18	9°51	8°32	10°44	10°23	S 13
M14	5 33 49	22° 4'10	16° 4	13°47	24°23	11°55	29°52	6°39	5° 6	17°29	19°18	9°39	8°29	10°50	10°21	M14
T 15	5 37 46	23° 4'36	27°57	15°23	24°D21	12°41	29°50	6°42	5° 9	17°29	19°17	9°25	8°26	10°57	10°20	T 15
W16	5 41 42	24° 5'02	9♑55	16°58	24°23	13°26	29°48	6°46	5°12	17°28	19°16	9°11	8°23	11° 4	10°18	W16
T 17	5 45 39	25° 5'31	21°58	18°34	24°26	14°12	29°46	6°50	5°15	17°28	19°16	8°57	8°20	11°11	10°16	T 17
F 18	5 49 36	26° 6'00	4♒ 7	20° 9	24°32	14°58	29°45	6°53	5°18	17°28	19°15	8°46	8°16	11°17	10°14	F 18
S 19	5 53 32	27° 6'31	16°24	21°45	24°40	15°43	29°44	6°57	5°21	17°27	19°14	8°37	8°13	11°24	10°12	S 19
S 20	5 57 29	28° 7'03	28°53	23°20	24°51	16°29	29°43	7° 1	5°24	17°27	19°14	8°31	8°10	11°31	10°11	S 20
M21	6 1 25	29° 7'36	11♓35	24°55	25° 3	17°15	29°42	7° 5	5°27	17°27	19°13	8°28	8° 7	11°37	10° 9	M21
T 22	6 5 22	0♑ 8'10	24°35	26°30	25°18	18° 1	29°41	7° 9	5°30	17°27	19°12	8°27	8° 4	11°44	10° 8	T 22
W23	6 9 18	1° 8'46	7♈56	28° 4	25°35	18°47	29°41	7°13	5°33	17°26	19°11	8°27	8° 0	11°51	10° 6	W23
T 24	6 13 15	2° 9'22	21°41	29°39	25°54	19°33	29°D41	7°17	5°36	17°26	19°11	8°26	7°57	11°58	10° 5	T 24
F 25	6 17 12	3° 9'59	5♉51	1♑13	26°14	20°19	29°41	7°22	5°40	17°26	19°10	8°24	7°54	12° 4	10° 3	F 25
S 26	6 21 8	4°10'37	20°27	2°48	26°37	21° 6	29°41	7°26	5°43	17°26	19° 9	8°20	7°51	12°11	10° 2	S 26
S 27	6 25 5	5°11'17	5♊24	4°22	27° 2	21°52	29°42	7°31	5°46	17°26	19° 8	8°13	7°48	12°18	10° 0	S 27
M28	6 29 1	6°11'57	20°35	5°56	27°28	22°38	29°42	7°35	5°49	17°D26	19° 7	8° 3	7°45	12°24	9°59	M28
T 29	6 32 58	7°12'39	5♋50	7°30	27°56	23°24	29°43	7°40	5°52	17°26	19° 6	7°51	7°41	12°31	9°58	T 29
W30	6 36 54	8°13'21	20°58	9° 4	28°25	24°11	29°44	7°45	5°56	17°26	19° 5	7°39	7°38	12°38	9°57	W30
T 31	6 40 51	9♑14'05	5♌49	10♑39	28♏56	24♒57	29♈45	7♓49	5♒59	17♈26	19♌ 4	7♎29	7♎35	12♐45	9♑56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s36	18n15	4s57	16s34	1n55	22s23	2s52	20s56	1s28	10n14	1s26	10s28	1s20	19s28	0s32	5n43	1s14	16n22	1n34	4s12	3s36	17s14	13n51	1s 9
W 2	21 45	17 33	5 4	17 1	1 50	22 1	2 36	20 46	1 28	10 13	1 26	10 27	1 20	19 28	0 32	5 42	1 14	16 22	1 34	4 8	3 35	17 15	13 50	1 9
T 3	21 54	15 41	4 51	17 27	1 44	21 40	2 21	20 35	1 28	10 12	1 25	10 26	1 20	19 27	0 32	5 42	1 14	16 22	1 34	4 5	3 34	17 15	13 50	1 9
F 4	22 2	12 54	4 20	17 54	1 39	21 18	2 6	20 24	1 27	10 10	1 25	10 25	1 20	19 27	0 32	5 42	1 14	16 22	1 35	4 3	3 32	17 16	13 49	1 9
S 5	22 9	9 28	3 34	18 20	1 33	20 58	1 50	20 13	1 27	10 9	1 25	10 24	1 20	19 26	0 32	5 42	1 14	16 23	1 35	4 1	3 31	17 16	13 48	1 9
S 6	22 17	5 40	2 39	18 46	1 27	20 37	1 35	20 2	1 26	10 8	1 25	10 23	1 20	19 25	0 32	5 41	1 14	16 23	1 35	4 1	3 30	17 17	13 47	1 9
M 7	22 23	1 44	1 37	19 11	1 20	20 18	1 20	19 50	1 26	10 7	1 24	10 22	1 20	19 25	0 32	5 41	1 14	16 23	1 35	4 1	3 29	17 17	13 47	1 9
T 8	22 30	2s12	0 31	19 35	1 13	19 59	1 5	19 38	1 26	10 6	1 24	10 21	1 20	19 24	0 32	5 41	1 14	16 23	1 35	4 1	3 28	17 18	13 46	1 9
W 9	22 36	5 56	0n34	19 59	1 7	19 41	0 51	19 27	1 25	10 5	1 24	10 19	1 20	19 23	0 32	5 41	1 14	16 24	1 35	4 1	3 26	17 18	13 45	1 9
T 10	22 41	9 23	1 36	20 22	1 0	19 24	0 36	19 14	1 25	10 4	1 24	10 18	1 19	19 23	0 32	5 40	1 14	16 24	1 35	4 0	3 25	17 19	13 44	1 9
F 11	22 46	12 25	2 34	20 44	0 53	19 8	0 22	19 2	1 24	10 4	1 23	10 17	1 19	19 22	0 32	5 40	1 14	16 24	1 35	3 59	3 24	17 19	13 44	1 9
S 12	22 51	14 55	3 24	21 5	0 46	18 53	0 9	18 49	1 24	10 3	1 23	10 16	1 19	19 21	0 32	5 40	1 14	16 24	1 35	3 56	3 23	17 20	13 43	1 9
S 13	22 55	16 47	4 5	21 25	0 39	18 38	0n 4	18 37	1 24	10 2	1 23	10 14	1 19	19 21	0 32	5 40	1 14	16 25	1 35	3 52	3 21	17 20	13 43	1 9
M14	22 59	17 56	4 36	21 43	0 32	18 25	0 17	18 24	1 23	10 2	1 23	10 13	1 19	19 20	0 32	5 40	1 14	16 25	1 36	3 47	3 20	17 21	13 42	1 9
T 15	23 3	18 18	4 55	22 1	0 24	18 12	0 30	18 10	1 23	10 1	1 22	10 12	1 19	19 19	0 32	5 40	1 14	16 25	1 36	3 42	3 19	17 21	13 41	1 9
W16	23 5	17 52	5 0	22 18	0 17	18 1	0 42	17 57	1 22	10 1	1 22	10 10	1 19	19 19	0 32	5 39	1 14	16 25	1 36	3 36	3 18	17 22	13 41	1 9
T 17	23 8	16 38	4 53	22 34	0 10	17 51	0 53	17 44	1 22	10 1	1 22	10 9	1 19	19 18	0 32	5 39	1 14	16 26	1 36	3 31	3 16	17 22	13 40	1 9
F 18	23 10	14 39	4 32	22 48	0 3	17 41	1 5	17 30	1 21	10 1	1 21	10 8	1 19	19 17	0 32	5 39	1 14	16 26	1 36	3 27	3 15	17 23	13 39	1 9
S 19	23 11	11 59	3 58	23 2	0s 4	17 33	1 16	17 16	1 21	10 0	1 21	10 6	1 19	19 16	0 32	5 39	1 14	16 26	1 36	3 23	3 14	17 23	13 39	1 9
S 20	23 12	8 44	3 13	23 14	0 11	17 25	1 26	17 2	1 20	10 0	1 21	10 5	1 19	19 16	0 32	5 39	1 14	16 27	1 36	3 21	3 13	17 24	13 38	1 9
M21	23 13	5 2	2 17	23 25	0 17	17 18	1 36	16 48	1 20	10 0	1 21	10 3	1 19	19 15	0 32	5 39	1 14	16 27	1 36	3 20	3 11	17 24	13 38	1 9
T 22	23 13	1 1	1 13	23 35	0 24	17 13	1 45	16 33	1 19	10 0	1 20	10 2	1 19	19 14	0 32	5 39	1 14	16 27	1 36	3 19	3 10	17 25	13 37	1 9
W23	23 13	3n10	0 3	23 43	0 31	17 8	1 54	16 19	1 19	10 1	1 20	10 0	1 19	19 13	0 32	5 39	1 14	16 28	1 36	3 19	3 9	17 25	13 37	1 9
T 24	23 12	7 18	1s 9	23 51	0 37	17 3	2 3	16 4	1 19	10 1	1 20	9 58	1 19	19 13	0 32	5 39	1 14	16 28	1 37	3 19	3 8	17 26	13 36	1 9
F 25	23 11	11 9	2 19	23 57	0 44	17 0	2 11	15 49	1 18	10 1	1 19	9 57	1 19	19 12	0 32	5 39	1 14	16 28	1 37	3 18	3 6	17 26	13 36	1 9
S 26	23 9	14 27	3 22	24 1	0 50	16 58	2 19	15 34	1 17	10 1	1 19	9 55	1 19	19 11	0 32	5 39	1 14	16 29	1 37	3 17	3 5	17 27	13 35	1 9
S 27	23 7	16 51	4 13	24 5	0 56	16 56	2 27	15 18	1 17	10 2	1 19	9 53	1 18	19 10	0 32	5 39	1 14	16 29	1 37	3 14	3 4	17 27	13 35	1 9
M28	23 5	18 8	4 46	24 7	1 2	16 55	2 34	15 3	1 16	10 2	1 19	9 52	1 18	19 10	0 32	5 39	1 14	16 29	1 37	3 10	3 3	17 28	13 35	1 10
T 29	23 2	18 6	5 0	24 8	1 8	16 54	2 41	14 47	1 16	10 3	1 18	9 50	1 18	19 9	0 32	5 39	1 14	16 30	1 37	3 5	3 1	17 28	13 34	1 10
W30	22 58	16 47	4 52	24 8	1 13	16 55	2 47	14 32	1 15	10 4	1 18	9 48	1 18	19 8	0 32	5 39	1 13	16 30	1 37	3 1	3 0	17 29	13 34	1 10
T 31	22s54	14n22	4s25	24s 7	1s19	16s55	2n53	14s16	1s15	10n 4	1s18	9s46	1s18	19s 7	0s32	5n39	1s13	16n31	1n37	2s56	2s59	17s29	13n33	1s10

Julian Day Number = 3062199.5, Delta T = 02h32m06s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'47, Lahiri = 47°17'47

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

JANUARY 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 44 47	10♑14'50	20♌14	12♑13	29♏29	25♒43	29♈47	7♓54	6♒ 2	17♈26	19°R 3	7°R20	7♎32	12♐51	9°R55	F 1
S 2	6 48 44	11°15'37	4♍ 9	13°47	0♐ 3	26°30	29°49	7°59	6° 6	17°26	19♌ 2	7♎14	7°29	12°58	9♉54	S 2
S 3	6 52 41	12°16'24	17°35	15°21	0°39	27°16	29°51	8° 4	6° 9	17°26	19° 1	7°11	7°26	13° 5	9°53	S 3
M 4	6 56 37	13°17'13	0♎32	16°55	1°16	28° 3	29°53	8° 9	6°12	17°27	19° 0	7°10	7°22	13°11	9°52	M 4
T 5	7 0 34	14°18'03	13° 6	18°29	1°54	28°49	29°55	8°14	6°16	17°27	18°59	7°10	7°19	13°18	9°51	T 5
W 6	7 4 30	15°18'54	25°20	20° 3	2°34	29°36	29°57	8°19	6°19	17°27	18°58	7°10	7°16	13°25	9°50	W 6
T 7	7 8 27	16°19'47	7♏22	21°38	3°15	0♓22	0♉ 0	8°25	6°23	17°27	18°57	7° 8	7°13	13°31	9°49	T 7
F 8	7 12 23	17°20'40	19°15	23°12	3°57	1° 9	0° 3	8°30	6°26	17°28	18°56	7° 4	7°10	13°38	9°49	F 8
S 9	7 16 20	18°21'35	1♐ 4	24°47	4°40	1°56	0° 6	8°35	6°30	17°28	18°55	6°57	7° 6	13°45	9°48	S 9
S 10	7 20 16	19°22'31	12°54	26°21	5°24	2°42	0°10	8°41	6°33	17°29	18°54	6°48	7° 3	13°52	9°47	S 10
M11	7 24 13	20°23'27	24°47	27°56	6° 9	3°29	0°13	8°46	6°36	17°29	18°53	6°35	7° 0	13°58	9°47	M11
T 12	7 28 10	21°24'25	6♑46	29°30	6°55	4°16	0°17	8°52	6°40	17°30	18°52	6°22	6°57	14° 5	9°46	T 12
W13	7 32 6	22°25'23	18°51	1♒ 5	7°42	5° 3	0°21	8°58	6°44	17°30	18°51	6° 7	6°54	14°12	9°46	W13
T 14	7 36 3	23°26'22	1♒ 5	2°40	8°30	5°49	0°25	9° 3	6°47	17°31	18°50	5°54	6°51	14°18	9°46	T 14
F 15	7 39 59	24°27'22	13°27	4°15	9°19	6°36	0°29	9° 9	6°51	17°31	18°48	5°42	6°47	14°25	9°45	F 15
S 16	7 43 56	25°28'22	25°59	5°50	10° 9	7°23	0°33	9°15	6°54	17°32	18°47	5°33	6°44	14°32	9°45	S 16
S 17	7 47 52	26°29'23	8♓40	7°25	10°59	8°10	0°38	9°21	6°58	17°33	18°46	5°27	6°41	14°39	9°45	S 17
M18	7 51 49	27°30'23	21°33	9° 0	11°50	8°57	0°43	9°27	7° 1	17°33	18°45	5°24	6°38	14°45	9°45	M18
T 19	7 55 45	28°31'25	4♈39	10°35	12°42	9°44	0°48	9°33	7° 5	17°34	18°44	5°D23	6°35	14°52	9°45	T 19
W20	7 59 42	29°32'26	18° 1	12°10	13°35	10°31	0°53	9°39	7° 8	17°35	18°42	5°23	6°32	14°59	9°D45	W20
T 21	8 3 39	0♒33'27	1♉40	13°44	14°28	11°18	0°59	9°45	7°12	17°35	18°41	5°R24	6°28	15° 5	9°45	T 21
F 22	8 7 35	1°34'29	15°39	15°18	15°23	12° 5	1° 4	9°51	7°16	17°36	18°40	5°23	6°25	15°12	9°45	F 22
S 23	8 11 32	2°35'31	29°56	16°52	16°17	12°52	1°10	9°57	7°19	17°37	18°39	5°20	6°22	15°19	9°45	S 23
S 24	8 15 28	3°36'32	14♊31	18°25	17°13	13°39	1°16	10° 3	7°23	17°38	18°37	5°14	6°19	15°26	9°45	S 24
M25	8 19 25	4°37'34	29°19	19°58	18° 8	14°26	1°22	10° 9	7°26	17°39	18°36	5° 7	6°16	15°32	9°46	M25
T 26	8 23 21	5°38'36	14♋12	21°30	19° 5	15°13	1°28	10°16	7°30	17°40	18°35	4°57	6°12	15°39	9°46	T 26
W27	8 27 18	6°39'38	29° 3	23° 1	20° 2	16° 0	1°35	10°22	7°34	17°41	18°34	4°48	6° 9	15°46	9°46	W27
T 28	8 31 15	7°40'40	13♌43	24°30	21° 0	16°47	1°41	10°29	7°37	17°42	18°32	4°39	6° 6	15°52	9°47	T 28
F 29	8 35 11	8°41'42	28° 3	25°58	21°58	17°34	1°48	10°35	7°41	17°43	18°31	4°32	6° 3	15°59	9°47	F 29
S 30	8 39 8	9°42'45	11♍58	27°24	22°56	18°21	1°55	10°41	7°44	17°44	18°30	4°27	6° 0	16° 6	9°48	S 30
S 31	8 43 4	10♒43'47	25♍27	28♒47	23♐55	19♓ 8	2♉ 2	10♓48	7♒48	17♈45	18♌29	4♎24	5♎57	16♐13	9♉49	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s50	11n 7	3s41	24s 4	1s24	16s57	2n59	14s 0	1s14	10n 5	1s18	9s44	1s18	19s 6	0s32	5n39	1s13	16n31	1n37	2s53	2s58	17s29	13n33	1s10	F 1
S 2	22 45	7 20	2 45	24 0	1 29	16 59	3 4	13 44	1 14	10 6	1 17	9 43	1 18	19 5	0 32	5 39	1 13	16 31	1 37	2 51	2 56	17 30	13 33	1 10	S 2
S 3	22 40	3 18	1 42	23 54	1 34	17 1	3 9	13 27	1 13	10 7	1 17	9 41	1 18	19 5	0 32	5 39	1 13	16 32	1 37	2 50	2 55	17 30	13 32	1 10	S 3
M 4	22 34	0s45	0 35	23 48	1 39	17 4	3 14	13 11	1 13	10 8	1 17	9 39	1 18	19 4	0 32	5 39	1 13	16 32	1 38	2 49	2 54	17 31	13 32	1 10	M 4
T 5	22 28	4 39	0n31	23 40	1 43	17 7	3 18	12 54	1 12	10 9	1 16	9 37	1 18	19 3	0 32	5 40	1 13	16 33	1 38	2 49	2 53	17 31	13 32	1 10	T 5
W 6	22 21	8 15	1 35	23 30	1 47	17 11	3 22	12 38	1 11	10 10	1 16	9 35	1 18	19 2	0 32	5 40	1 13	16 33	1 38	2 49	2 52	17 32	13 32	1 10	W 6
T 7	22 14	11 26	2 32	23 20	1 51	17 15	3 26	12 21	1 11	10 11	1 16	9 33	1 18	19 1	0 32	5 40	1 13	16 33	1 38	2 48	2 50	17 32	13 31	1 10	T 7
F 8	22 6	14 7	3 23	23 8	1 55	17 19	3 29	12 4	1 10	10 12	1 16	9 31	1 18	19 0	0 32	5 40	1 13	16 34	1 38	2 47	2 49	17 33	13 31	1 10	F 8
S 9	21 59	16 12	4 4	22 55	1 58	17 24	3 32	11 47	1 10	10 14	1 15	9 29	1 18	19 0	0 32	5 40	1 13	16 34	1 38	2 44	2 48	17 33	13 31	1 10	S 9
S 10	21 50	17 35	4 35	22 40	2 1	17 28	3 35	11 30	1 9	10 15	1 15	9 27	1 18	18 59	0 32	5 40	1 13	16 35	1 38	2 40	2 47	17 33	13 31	1 10	S 10
M11	21 41	18 13	4 54	22 24	2 4	17 34	3 38	11 12	1 9	10 17	1 15	9 25	1 18	18 58	0 32	5 41	1 13	16 35	1 38	2 36	2 45	17 34	13 31	1 10	M11
T 12	21 32	18 3	5 0	22 7	2 6	17 39	3 40	10 55	1 8	10 18	1 14	9 23	1 18	18 57	0 32	5 41	1 13	16 35	1 38	2 30	2 44	17 34	13 30	1 10	T 12
W13	21 23	17 4	4 53	21 49	2 8	17 44	3 42	10 37	1 7	10 20	1 14	9 20	1 18	18 56	0 32	5 41	1 13	16 36	1 38	2 25	2 43	17 35	13 30	1 10	W13
T 14	21 12	15 18	4 32	21 30	2 10	17 50	3 44	10 20	1 7	10 22	1 14	9 18	1 18	18 55	0 32	5 41	1 13	16 36	1 38	2 19	2 42	17 35	13 30	1 10	T 14
F 15	21 2	12 49	3 59	21 9	2 11	17 55	3 46	10 2	1 6	10 23	1 14	9 16	1 18	18 54	0 32	5 42	1 13	16 37	1 39	2 15	2 40	17 35	13 30	1 10	F 15
S 16	20 51	9 43	3 13	20 47	2 12	18 1	3 47	9 44	1 5	10 25	1 13	9 14	1 18	18 53	0 32	5 42	1 13	16 37	1 39	2 11	2 39	17 36	13 30	1 10	S 16
S 17	20 40	6 8	2 17	20 24	2 13	18 7	3 48	9 26	1 5	10 27	1 13	9 12	1 18	18 53	0 32	5 42	1 13	16 38	1 39	2 9	2 38	17 36	13 30	1 10	S 17
M18	20 28	2 12	1 13	19 59	2 13	18 13	3 49	9 8	1 4	10 29	1 13	9 10	1 18	18 52	0 32	5 42	1 13	16 38	1 39	2 8	2 37	17 37	13 30	1 10	M18
T 19	20 16	1n54	0 4	19 33	2 13	18 19	3 50	8 50	1 4	10 31	1 12	9 7	1 18	18 51	0 32	5 43	1 13	16 39	1 39	2 7	2 35	17 37	13 30	1 10	T 19
W20	20 4	5 58	1s 7	19 6	2 12	18 25	3 50	8 32	1 3	10 33	1 12	9 5	1 18	18 50	0 32	5 43	1 13	16 39	1 39	2 7	2 34	17 38	13 30	1 10	W20
T 21	19 51	9 50	2 15	18 38	2 11	18 30	3 51	8 13	1 2	10 35	1 12	9 3	1 18	18 49	0 32	5 43	1 13	16 39	1 39	2 7	2 33	17 38	13 30	1 10	T 21
F 22	19 38	13 13	3 17	18 9	2 9	18 36	3 51	7 55	1 2	10 37	1 12	9 0	1 18	18 48	0 32	5 44	1 13	16 40	1 39	2 7	2 32	17 38	13 30	1 10	F 22
S 23	19 24	15 54	4 8	17 39	2 7	18 42	3 51	7 37	1 1	10 39	1 11	8 58	1 18	18 47	0 32	5 44	1 13	16 40	1 39	2 6	2 30	17 39	13 30	1 10	S 23
S 24	19 10	17 37	4 45	17 8	2 4	18 47	3 51	7 18	1 0	10 42	1 11	8 56	1 18	18 46	0 32	5 44	1 13	16 41	1 39	2 4	2 29	17 39	13 30	1 10	S 24
M25	18 56	18 11	5 3	16 36	2 0	18 53	3 50	7 0	1 0	10 44	1 11	8 53	1 18	18 45	0 32	5 45	1 13	16 41	1 39	2 1	2 28	17 39	13 30	1 10	M25
T 26	18 41	17 30	5 0	16 2	1 56	18 58	3 50	6 41	0 59	10 46	1 11	8 51	1 18	18 44	0 32	5 45	1 13	16 42	1 39	1 57	2 27	17 40	13 30	1 10	T 26
W27	18 26	15 38	4 38	15 28	1 51	19 3	3 49	6 22	0 58	10 49	1 10	8 49	1 17	18 44	0 32	5 46	1 13	16 42	1 39	1 53	2 25	17 40	13 30	1 10	W27
T 28	18 11	12 46	3 57	14 54	1 45	19 8	3 48	6 4	0 58	10 51	1 10	8 46	1 17	18 43	0 32	5 46	1 12	16 43	1 40	1 50	2 24	17 41	13 30	1 10	T 28
F 29	17 55	9 12	3 2	14 18	1 39	19 13	3 47	5 45	0 57	10 54	1 10	8 44	1 17	18 42	0 32	5 46	1 12	16 43	1 40	1 47	2 23	17 41	13 30	1 10	F 29
S 30	17 39	5 12	1 57	13 42	1 32	19 17	3 45	5 26	0 56	10 57	1 10	8 41	1 17	18 41	0 32	5 47	1 12	16 44	1 40	1 45	2 22	17 41	13 31	1 10	S 30
S 31	17s23	1n 3	0s48	13s 6	1s24	19s21	3n44	5s 7	0s56	10n59	1s 9	8s39	1s17	18s40	0s32	5n47	1s12	16n44	1n40	1s44	2s20	17s42	13n31	1s10	S 31

Julian Day Number = 3062230.5, Delta T = 02h32m07s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'51, Lahiri = 47°17'52

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

FEBRUARY 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 47 1	11♒44'50	8♎30	0♓ 8	24♐55	19♓55	2♉ 9	10♓55	7♒52	17♈46	18°R27	4°D24	5♎53	16♐19	9♉49	M 1
T 2	8 50 57	12°45'53	21° 9	1°26	25°55	20°42	2°17	11° 1	7°55	17°48	18♌26	4♎25	5°50	16°26	9°50	T 2
W 3	8 54 54	13°46'57	3♏28	2°40	26°56	21°30	2°24	11° 8	7°59	17°49	18°25	4°26	5°47	16°33	9°51	W 3
T 4	8 58 50	14°48'00	15°33	3°49	27°56	22°17	2°32	11°14	8° 2	17°50	18°23	4°R27	5°44	16°39	9°52	T 4
F 5	9 2 47	15°49'04	27°28	4°53	28°58	23° 4	2°40	11°21	8° 6	17°51	18°22	4°26	5°41	16°46	9°53	F 5
S 6	9 6 43	16°50'08	9♐19	5°51	29°59	23°51	2°48	11°28	8° 9	17°53	18°21	4°23	5°38	16°53	9°53	S 6
S 7	9 10 40	17°51'12	21°10	6°42	1♑ 1	24°38	2°56	11°35	8°13	17°54	18°19	4°18	5°34	17° 0	9°55	S 7
M 8	9 14 37	18°52'16	3♑ 6	7°26	2° 4	25°25	3° 5	11°41	8°17	17°55	18°18	4°11	5°31	17° 6	9°56	M 8
T 9	9 18 33	19°53'20	15° 9	8° 1	3° 6	26°12	3°13	11°48	8°20	17°57	18°17	4° 3	5°28	17°13	9°57	T 9
W10	9 22 30	20°54'24	27°23	8°27	4°10	26°59	3°22	11°55	8°24	17°58	18°16	3°54	5°25	17°20	9°58	W10
T 11	9 26 26	21°55'28	9♒49	8°42	5°13	27°47	3°31	12° 2	8°27	17°59	18°14	3°46	5°22	17°26	9°59	T 11
F 12	9 30 23	22°56'31	22°26	8°R46	6°17	28°34	3°39	12° 9	8°31	18° 1	18°13	3°39	5°18	17°33	10° 0	F 12
S 13	9 34 19	23°57'34	5♓17	8°39	7°21	29°21	3°49	12°16	8°34	18° 2	18°12	3°34	5°15	17°40	10° 2	S 13
S 14	9 38 16	24°58'36	18°19	8°21	8°25	0♈ 8	3°58	12°23	8°38	18° 4	18°10	3°31	5°12	17°47	10° 3	S 14
M15	9 42 12	25°59'38	1♈34	7°50	9°29	0°55	4° 7	12°30	8°41	18° 5	18° 9	3°D30	5° 9	17°53	10° 5	M15
T 16	9 46 9	27° 0'39	14°59	7° 9	10°34	1°42	4°17	12°37	8°45	18° 7	18° 8	3°30	5° 6	18° 0	10° 6	T 16
W17	9 50 6	28° 1'39	28°36	6°17	11°39	2°29	4°26	12°44	8°48	18° 9	18° 6	3°32	5° 3	18° 7	10° 8	W17
T 18	9 54 2	29° 2'39	12♉23	5°16	12°45	3°16	4°36	12°51	8°52	18°10	18° 5	3°33	4°59	18°13	10° 9	T 18
F 19	9 57 59	0♓ 3'38	26°21	4° 9	13°50	4° 4	4°46	12°58	8°55	18°12	18° 4	3°R34	4°56	18°20	10°11	F 19
S 20	10 1 55	1° 4'36	10♊30	2°56	14°56	4°51	4°56	13° 5	8°58	18°14	18° 3	3°34	4°53	18°27	10°13	S 20
S 21	10 5 52	2° 5'32	24°47	1°40	16° 2	5°38	5° 6	13°12	9° 2	18°15	18° 1	3°32	4°50	18°34	10°14	S 21
M22	10 9 48	3° 6'28	9♋ 9	0°24	17° 8	6°25	5°16	13°19	9° 5	18°17	18° 0	3°29	4°47	18°40	10°16	M22
T 23	10 13 45	4° 7'23	23°34	29♒ 9	18°15	7°12	5°26	13°26	9° 9	18°19	17°59	3°25	4°43	18°47	10°18	T 23
W24	10 17 41	5° 8'17	7♌56	27°58	19°21	7°59	5°37	13°34	9°12	18°20	17°58	3°20	4°40	18°54	10°20	W24
T 25	10 21 38	6° 9'10	22° 9	26°53	20°28	8°46	5°47	13°41	9°15	18°22	17°56	3°16	4°37	19° 0	10°22	T 25
F 26	10 25 35	7°10'02	6♍ 8	25°54	21°35	9°33	5°58	13°48	9°19	18°24	17°55	3°13	4°34	19° 7	10°24	F 26
S 27	10 29 31	8°10'53	19°49	25° 3	22°42	10°20	6° 9	13°55	9°22	18°26	17°54	3°11	4°31	19°14	10°26	S 27
S 28	10 33 28	9°11'43	3♎10	24°20	23°50	11° 7	6°20	14° 2	9°25	18°28	17°53	3°D10	4°28	19°21	10°28	S 28
M29	10 37 24	10♓12'32	16♎10	23♒45	24♑57	11♈54	6♉31	14♓ 9	9♒28	18♈30	17♌51	3♎11	4♎24	19♐27	10♉30	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 6	3s 0	0n22	12s30	1s15	19s25	3n42	4s48	0s55	11n 2	1s 9	8s36	1s17	18s39	0s32	5n48	1s12	16n45	1n40	1s44	2s19	17s42	13n31	1s10
T 2	16 50	6 48	1 29	11 53	1 6	19 29	3 41	4 29	0 54	11 5	1 9	8 34	1 17	18 38	0 32	5 48	1 12	16 45	1 40	1 44	2 18	17 42	13 31	1 10
W 3	16 32	10 12	2 30	11 17	0 55	19 32	3 39	4 10	0 54	11 7	1 9	8 31	1 17	18 37	0 32	5 49	1 12	16 46	1 40	1 45	2 17	17 43	13 31	1 10
T 4	16 15	13 6	3 23	10 42	0 43	19 35	3 37	3 51	0 53	11 10	1 8	8 29	1 17	18 36	0 32	5 49	1 12	16 46	1 40	1 45	2 15	17 43	13 32	1 10
F 5	15 57	15 25	4 7	10 7	0 31	19 38	3 35	3 32	0 52	11 13	1 8	8 26	1 17	18 35	0 32	5 50	1 12	16 46	1 40	1 45	2 14	17 43	13 32	1 10
S 6	15 39	17 3	4 39	9 33	0 17	19 41	3 33	3 13	0 51	11 16	1 8	8 24	1 17	18 34	0 32	5 50	1 12	16 47	1 40	1 44	2 13	17 44	13 32	1 10
S 7	15 21	17 56	5 0	9 1	0 3	19 43	3 30	2 53	0 51	11 19	1 8	8 21	1 17	18 34	0 32	5 51	1 12	16 47	1 40	1 42	2 12	17 44	13 33	1 10
M 8	15 2	18 3	5 8	8 31	0n12	19 44	3 28	2 34	0 50	11 22	1 7	8 19	1 18	18 33	0 32	5 51	1 12	16 48	1 40	1 39	2 10	17 44	13 33	1 10
T 9	14 43	17 22	5 2	8 3	0 29	19 46	3 25	2 15	0 49	11 25	1 7	8 16	1 18	18 32	0 32	5 52	1 12	16 48	1 40	1 36	2 9	17 45	13 33	1 10
W10	14 24	15 52	4 43	7 38	0 45	19 47	3 23	1 56	0 49	11 28	1 7	8 14	1 18	18 31	0 32	5 52	1 12	16 49	1 40	1 32	2 8	17 45	13 34	1 10
T 11	14 4	13 37	4 10	7 16	1 3	19 47	3 20	1 37	0 48	11 32	1 7	8 11	1 18	18 30	0 32	5 53	1 12	16 49	1 41	1 29	2 7	17 45	13 34	1 10
F 12	13 45	10 41	3 24	6 58	1 21	19 48	3 17	1 17	0 47	11 35	1 6	8 8	1 18	18 29	0 32	5 54	1 12	16 50	1 41	1 26	2 5	17 46	13 34	1 10
S 13	13 25	7 12	2 27	6 44	1 38	19 47	3 14	0 58	0 46	11 38	1 6	8 6	1 18	18 28	0 32	5 54	1 12	16 50	1 41	1 24	2 4	17 46	13 35	1 10
S 14	13 5	3 19	1 22	6 34	1 56	19 47	3 11	0 39	0 46	11 41	1 6	8 3	1 18	18 27	0 32	5 55	1 12	16 51	1 41	1 23	2 3	17 46	13 35	1 10
M15	12 44	0n47	0 11	6 29	2 13	19 46	3 8	0 20	0 45	11 45	1 6	8 0	1 18	18 26	0 32	5 55	1 12	16 51	1 41	1 23	2 2	17 47	13 36	1 10
T 16	12 24	4 54	1s 2	6 29	2 30	19 44	3 5	0 0	0 44	11 48	1 6	7 58	1 18	18 25	0 32	5 56	1 12	16 52	1 41	1 23	2 0	17 47	13 36	1 10
W17	12 3	8 48	2 13	6 34	2 45	19 42	3 1	0n19	0 44	11 51	1 5	7 55	1 18	18 25	0 32	5 57	1 12	16 52	1 41	1 23	1 59	17 47	13 37	1 10
T 18	11 42	12 18	3 16	6 43	2 59	19 40	2 58	0 38	0 43	11 55	1 5	7 52	1 18	18 24	0 32	5 57	1 12	16 52	1 41	1 24	1 58	17 48	13 37	1 10
F 19	11 21	15 7	4 9	6 56	3 11	19 37	2 55	0 57	0 42	11 58	1 5	7 50	1 18	18 23	0 32	5 58	1 12	16 53	1 41	1 24	1 57	17 48	13 38	1 10
S 20	11 0	17 4	4 48	7 13	3 20	19 34	2 51	1 16	0 41	12 2	1 5	7 47	1 18	18 22	0 32	5 59	1 12	16 53	1 41	1 24	1 55	17 48	13 38	1 10
S 21	10 38	17 59	5 9	7 33	3 27	19 30	2 47	1 36	0 41	12 5	1 5	7 44	1 18	18 21	0 32	5 59	1 12	16 54	1 41	1 23	1 54	17 49	13 39	1 10
M22	10 16	17 44	5 11	7 55	3 32	19 26	2 44	1 55	0 40	12 9	1 4	7 42	1 18	18 20	0 32	6 0	1 12	16 54	1 41	1 22	1 53	17 49	13 39	1 10
T 23	9 55	16 22	4 53	8 19	3 34	19 21	2 40	2 14	0 39	12 12	1 4	7 39	1 18	18 19	0 32	6 1	1 12	16 55	1 41	1 21	1 52	17 49	13 40	1 10
W24	9 33	13 58	4 18	8 44	3 33	19 16	2 36	2 33	0 38	12 16	1 4	7 36	1 18	18 18	0 32	6 1	1 12	16 55	1 41	1 19	1 50	17 50	13 40	1 10
T 25	9 10	10 45	3 26	9 8	3 30	19 10	2 33	2 52	0 38	12 20	1 4	7 34	1 18	18 18	0 32	6 2	1 12	16 56	1 41	1 17	1 49	17 50	13 41	1 10
F 26	8 48	6 58	2 23	9 33	3 25	19 4	2 29	3 11	0 37	12 23	1 4	7 31	1 18	18 17	0 32	6 3	1 12	16 56	1 41	1 16	1 48	17 50	13 41	1 10
S 27	8 26	2 53	1 13	9 56	3 19	18 57	2 25	3 30	0 36	12 27	1 3	7 28	1 18	18 16	0 32	6 3	1 12	16 56	1 41	1 15	1 47	17 50	13 42	1 10
S 28	8 3	1s15	0n 0	10 18	3 11	18 50	2 21	3 49	0 35	12 31	1 3	7 26	1 18	18 15	0 32	6 4	1 12	16 57	1 42	1 15	1 45	17 51	13 43	1 10
M29	7s40	5s13	1n11	10s38	3n 1	18s42	2n17	4n 8	0s35	12n34	1s 3	7s23	1s18	18s14	0s32	6n 5	1s12	16n57	1n42	1s15	1s44	17s51	13n43	1s10

Julian Day Number = 3062261.5, Delta T = 02h32m08s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°10'56, Lahiri = 47°17'56

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

MARCH 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 41 21	11♓13'21	28♎50	23°R20	26♑ 5	12♈40	6♉42	14♓17	9♒31	18♈32	17°R50	3♎12	4♎21	19♐34	10♉32	T 1
W 2	10 45 17	12°14'08	11♏13	23♒ 2	27°13	13°27	6°53	14°24	9°35	18°33	17♌49	3°14	4°18	19°41	10°35	W 2
T 3	10 49 14	13°14'55	23°21	22°53	28°21	14°14	7° 4	14°31	9°38	18°35	17°48	3°15	4°15	19°47	10°37	T 3
F 4	10 53 10	14°15'42	5♐19	22°D52	29°30	15° 1	7°16	14°38	9°41	18°37	17°47	3°16	4°12	19°54	10°39	F 4
S 5	10 57 7	15°16'27	17°12	22°58	0♒38	15°48	7°27	14°45	9°44	18°39	17°46	3°R17	4° 9	20° 1	10°42	S 5
S 6	11 1 4	16°17'12	29° 4	23°10	1°47	16°35	7°39	14°53	9°47	18°41	17°44	3°16	4° 5	20° 8	10°44	S 6
M 7	11 5 0	17°17'55	11♑ 1	23°29	2°55	17°22	7°50	15° 0	9°50	18°43	17°43	3°15	4° 2	20°14	10°47	M 7
T 8	11 8 57	18°18'38	23° 7	23°54	4° 4	18° 8	8° 2	15° 7	9°53	18°45	17°42	3°13	3°59	20°21	10°49	T 8
W 9	11 12 53	19°19'20	5♒25	24°25	5°13	18°55	8°14	15°14	9°56	18°47	17°41	3°11	3°56	20°28	10°52	W 9
T 10	11 16 50	20°20'01	17°58	25° 0	6°22	19°42	8°26	15°21	9°59	18°49	17°40	3° 9	3°53	20°35	10°54	T 10
F 11	11 20 46	21°20'40	0♓48	25°40	7°32	20°29	8°38	15°29	10° 2	18°51	17°39	3° 7	3°49	20°41	10°57	F 11
S 12	11 24 43	22°21'19	13°55	26°24	8°41	21°15	8°50	15°36	10° 5	18°53	17°38	3° 6	3°46	20°48	10°59	S 12
S 13	11 28 39	23°21'56	27°20	27°12	9°51	22° 2	9° 2	15°43	10° 8	18°56	17°37	3°D 5	3°43	20°55	11° 2	S 13
M14	11 32 36	24°22'32	11♈ 1	28° 3	11° 0	22°48	9°15	15°50	10°11	18°58	17°36	3° 5	3°40	21° 1	11° 5	M14
T 15	11 36 32	25°23'06	24°54	28°58	12°10	23°35	9°27	15°57	10°14	19° 0	17°35	3° 6	3°37	21° 8	11° 8	T 15
W16	11 40 29	26°23'39	8♉57	29°55	13°20	24°22	9°40	16° 4	10°16	19° 2	17°34	3° 6	3°34	21°15	11°10	W16
T 17	11 44 26	27°24'10	23° 6	0♓56	14°30	25° 8	9°52	16°11	10°19	19° 4	17°33	3° 7	3°30	21°22	11°13	T 17
F 18	11 48 22	28°24'39	7♊19	1°59	15°40	25°55	10° 5	16°19	10°22	19° 6	17°32	3° 7	3°27	21°28	11°16	F 18
S 19	11 52 19	29°25'07	21°33	3° 4	16°50	26°41	10°17	16°26	10°24	19° 8	17°31	3° 8	3°24	21°35	11°19	S 19
S 20	11 56 15	0♈25'33	5♋45	4°12	18° 0	27°28	10°30	16°33	10°27	19°11	17°30	3°R 8	3°21	21°42	11°22	S 20
M21	12 0 12	1°25'58	19°52	5°21	19°10	28°14	10°43	16°40	10°30	19°13	17°29	3° 8	3°18	21°48	11°25	M21
T 22	12 4 8	2°26'20	3♌53	6°33	20°21	29° 0	10°56	16°47	10°32	19°15	17°28	3° 8	3°15	21°55	11°28	T 22
W23	12 8 5	3°26'40	17°47	7°47	21°31	29°47	11° 9	16°54	10°35	19°17	17°27	3°D 8	3°11	22° 2	11°31	W23
T 24	12 12 1	4°26'59	1♍29	9° 2	22°42	0♉33	11°22	17° 1	10°37	19°19	17°27	3° 8	3° 8	22° 9	11°34	T 24
F 25	12 15 58	5°27'16	15° 0	10°19	23°52	1°19	11°35	17° 8	10°40	19°22	17°26	3° 8	3° 5	22°15	11°37	F 25
S 26	12 19 55	6°27'31	28°18	11°37	25° 3	2° 6	11°48	17°15	10°42	19°24	17°25	3°R 8	3° 2	22°22	11°40	S 26
S 27	12 23 51	7°27'44	11♎21	12°57	26°14	2°52	12° 1	17°22	10°44	19°26	17°24	3° 8	2°59	22°29	11°43	S 27
M28	12 27 48	8°27'56	24° 8	14°18	27°25	3°38	12°15	17°28	10°47	19°28	17°23	3° 8	2°55	22°35	11°47	M28
T 29	12 31 44	9°28'07	6♏41	15°41	28°35	4°24	12°28	17°35	10°49	19°31	17°23	3° 7	2°52	22°42	11°50	T 29
W30	12 35 41	10°28'15	19° 1	17° 5	29°46	5°10	12°41	17°42	10°51	19°33	17°22	3° 6	2°49	22°49	11°53	W30
T 31	12 39 37	11♈28'23	1♐ 8	18♓31	0♓58	5♉56	12♉55	17♓49	10♒53	19♈35	17♌21	3♎ 5	2♎46	22♐56	11♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s17	8s50	2n17	10s56	2n51	18s34	2n13	4n26	0s34	12n38	1s 3	7s20	1s18	18s13	0s32	6n 5	1s12	16n58	1n42	1s16	1s43	17s51	13n44	1s10
W 2	6 55	11 58	3 15	11 12	2 39	18 25	2 9	4 45	0 33	12 42	1 3	7 18	1 18	18 13	0 32	6 6	1 12	16 58	1 42	1 16	1 42	17 52	13 45	1 10
T 3	6 32	14 31	4 2	11 26	2 28	18 16	2 5	5 4	0 33	12 46	1 2	7 15	1 18	18 12	0 32	6 7	1 12	16 58	1 42	1 17	1 40	17 52	13 45	1 10
F 4	6 8	16 25	4 39	11 38	2 15	18 6	2 0	5 23	0 32	12 50	1 2	7 12	1 18	18 11	0 32	6 8	1 12	16 59	1 42	1 17	1 39	17 52	13 46	1 11
S 5	5 45	17 35	5 3	11 48	2 3	17 56	1 56	5 41	0 31	12 54	1 2	7 9	1 18	18 10	0 32	6 8	1 12	16 59	1 42	1 17	1 38	17 52	13 47	1 11
S 6	5 22	17 58	5 15	11 56	1 50	17 46	1 52	6 0	0 30	12 57	1 2	7 7	1 18	18 9	0 32	6 9	1 12	17 0	1 42	1 17	1 37	17 53	13 47	1 11
M 7	4 58	17 34	5 13	12 1	1 38	17 35	1 48	6 18	0 30	13 1	1 2	7 4	1 19	18 9	0 32	6 10	1 12	17 0	1 42	1 17	1 35	17 53	13 48	1 11
T 8	4 35	16 23	4 57	12 5	1 25	17 23	1 44	6 36	0 29	13 5	1 2	7 1	1 19	18 8	0 32	6 11	1 12	17 0	1 42	1 16	1 34	17 53	13 49	1 11
W 9	4 11	14 25	4 27	12 7	1 13	17 11	1 39	6 55	0 28	13 9	1 1	6 59	1 19	18 7	0 32	6 11	1 11	17 1	1 42	1 15	1 33	17 53	13 50	1 11
T 10	3 48	11 45	3 45	12 7	1 1	16 58	1 35	7 13	0 27	13 13	1 1	6 56	1 19	18 6	0 32	6 12	1 11	17 1	1 42	1 14	1 32	17 54	13 50	1 11
F 11	3 24	8 27	2 49	12 5	0 49	16 45	1 31	7 31	0 27	13 17	1 1	6 53	1 19	18 6	0 32	6 13	1 11	17 1	1 42	1 14	1 30	17 54	13 51	1 11
S 12	3 0	4 40	1 44	12 1	0 38	16 32	1 27	7 49	0 26	13 21	1 1	6 51	1 19	18 5	0 32	6 14	1 11	17 2	1 42	1 13	1 29	17 54	13 52	1 11
S 13	2 37	0 34	0 32	11 55	0 26	16 18	1 23	8 7	0 25	13 25	1 1	6 48	1 19	18 4	0 32	6 15	1 11	17 2	1 42	1 13	1 28	17 54	13 53	1 11
M14	2 13	3n39	0s44	11 48	0 15	16 3	1 18	8 25	0 24	13 29	1 1	6 45	1 19	18 3	0 33	6 15	1 11	17 3	1 42	1 13	1 27	17 55	13 54	1 11
T 15	1 49	7 43	1 58	11 40	0 4	15 48	1 14	8 43	0 24	13 33	1 0	6 42	1 19	18 3	0 33	6 16	1 11	17 3	1 42	1 13	1 25	17 55	13 54	1 11
W16	1 25	11 24	3 6	11 29	0s 6	15 33	1 10	9 0	0 23	13 37	1 0	6 40	1 19	18 2	0 33	6 17	1 11	17 3	1 42	1 13	1 24	17 55	13 55	1 11
T 17	1 1	14 27	4 3	11 18	0 16	15 17	1 6	9 18	0 22	13 41	1 0	6 37	1 19	18 1	0 33	6 18	1 11	17 4	1 42	1 14	1 23	17 55	13 56	1 11
F 18	0 38	16 38	4 46	11 4	0 26	15 1	1 1	9 35	0 21	13 45	1 0	6 34	1 19	18 0	0 33	6 19	1 11	17 4	1 42	1 14	1 22	17 56	13 57	1 11
S 19	0 14	17 47	5 11	10 50	0 35	14 44	0 57	9 53	0 21	13 49	1 0	6 32	1 19	18 0	0 33	6 19	1 11	17 4	1 42	1 14	1 20	17 56	13 58	1 11
S 20	0n10	17 49	5 17	10 34	0 44	14 27	0 53	10 10	0 20	13 54	1 0	6 29	1 19	17 59	0 33	6 20	1 11	17 5	1 42	1 14	1 19	17 56	13 59	1 11
M21	0 34	16 45	5 4	10 16	0 52	14 10	0 49	10 27	0 19	13 58	1 0	6 27	1 20	17 58	0 33	6 21	1 11	17 5	1 42	1 14	1 18	17 56	14 0	1 11
T 22	0 58	14 41	4 33	9 58	1 0	13 52	0 45	10 44	0 18	14 2	0 59	6 24	1 20	17 58	0 33	6 22	1 11	17 5	1 42	1 14	1 17	17 56	14 0	1 11
W23	1 21	11 46	3 46	9 38	1 8	13 34	0 40	11 1	0 18	14 6	0 59	6 21	1 20	17 57	0 33	6 23	1 11	17 5	1 43	1 14	1 15	17 57	14 1	1 11
T 24	1 45	8 15	2 47	9 17	1 16	13 15	0 36	11 18	0 17	14 10	0 59	6 19	1 20	17 56	0 33	6 24	1 11	17 6	1 43	1 14	1 14	17 57	14 2	1 11
F 25	2 9	4 20	1 39	8 55	1 23	12 56	0 32	11 35	0 16	14 14	0 59	6 16	1 20	17 56	0 33	6 24	1 11	17 6	1 43	1 14	1 13	17 57	14 3	1 11
S 26	2 33	0 16	0 27	8 31	1 29	12 37	0 28	11 51	0 15	14 18	0 59	6 13	1 20	17 55	0 33	6 25	1 11	17 6	1 43	1 14	1 12	17 57	14 4	1 11
S 27	2 56	3s45	0n45	8 7	1 35	12 17	0 24	12 8	0 15	14 22	0 59	6 11	1 20	17 55	0 33	6 26	1 11	17 7	1 43	1 14	1 10	17 58	14 5	1 11
M28	3 20	7 31	1 54	7 41	1 41	11 57	0 20	12 24	0 14	14 26	0 59	6 8	1 20	17 54	0 33	6 27	1 11	17 7	1 43	1 14	1 9	17 58	14 6	1 11
T 29	3 43	10 51	2 56	7 14	1 47	11 36	0 16	12 40	0 13	14 31	0 58	6 6	1 20	17 53	0 33	6 28	1 11	17 7	1 43	1 14	1 8	17 58	14 7	1 11
W30	4 7	13 39	3 48	6 46	1 52	11 15	0 12	12 56	0 12	14 35	0 58	6 3	1 20	17 53	0 33	6 29	1 11	17 7	1 43	1 13	1 7	17 58	14 8	1 11
T 31	4n30	15s49	4n29	6s17	1s56	10s54	0n 9	13n12	0s12	14n39	0s58	6s 1	1s21	17s52	0s33	6n30	1s11	17n 8	1n43	1s13	1s 5	17s58	14n 9	1s11

Julian Day Number = 3062290.5, Delta T = 02h32m09s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'00, Lahiri = 47°18'00

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

APRIL 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 43 34	12♈28'28	13♐ 7	19♓58	2♓ 9	6♉42	13♉ 8	17♓56	10♒56	19♈37	17°R21	3°R 4	2♎43	23♐ 2	12♉ 0	F 1
S 2	12 47 30	13°28'33	25° 1	21°26	3°20	7°28	13°22	18° 3	10°58	19°40	17♌20	3♎ 3	2°40	23° 9	12° 3	S 2
S 3	12 51 27	14°28'35	6♑54	22°55	4°31	8°14	13°35	18° 9	11° 0	19°42	17°19	3° 2	2°36	23°16	12° 6	S 3
M 4	12 55 24	15°28'37	18°50	24°25	5°43	9° 0	13°49	18°16	11° 2	19°44	17°19	3°D 2	2°33	23°23	12°10	M 4
T 5	12 59 20	16°28'36	0♒54	25°57	6°54	9°46	14° 3	18°23	11° 4	19°46	17°18	3° 2	2°30	23°29	12°13	T 5
W 6	13 3 17	17°28'35	13°12	27°30	8° 5	10°32	14°17	18°29	11° 6	19°49	17°18	3° 3	2°27	23°36	12°16	W 6
T 7	13 7 13	18°28'31	25°46	29° 4	9°17	11°17	14°30	18°36	11° 8	19°51	17°17	3° 5	2°24	23°43	12°20	T 7
F 8	13 11 10	19°28'26	8♓40	0♈40	10°29	12° 3	14°44	18°42	11°10	19°53	17°17	3° 6	2°20	23°49	12°23	F 8
S 9	13 15 6	20°28'19	21°57	2°16	11°40	12°49	14°58	18°49	11°11	19°55	17°16	3° 7	2°17	23°56	12°27	S 9
S 10	13 19 3	21°28'11	5♈37	3°54	12°52	13°35	15°12	18°55	11°13	19°58	17°16	3°R 7	2°14	24° 3	12°30	S 10
M11	13 22 59	22°28'01	19°39	5°33	14° 4	14°20	15°26	19° 2	11°15	20° 0	17°15	3° 7	2°11	24°10	12°34	M11
T 12	13 26 56	23°27'49	3♉59	7°13	15°15	15° 6	15°40	19° 8	11°17	20° 2	17°15	3° 5	2° 8	24°16	12°37	T 12
W13	13 30 52	24°27'35	18°31	8°54	16°27	15°51	15°54	19°14	11°18	20° 5	17°14	3° 2	2° 5	24°23	12°41	W13
T 14	13 34 49	25°27'19	3♊10	10°37	17°39	16°37	16° 8	19°21	11°20	20° 7	17°14	2°59	2° 1	24°30	12°44	T 14
F 15	13 38 46	26°27'01	17°48	12°21	18°51	17°22	16°22	19°27	11°21	20° 9	17°14	2°56	1°58	24°36	12°48	F 15
S 16	13 42 42	27°26'41	2♋19	14° 6	20° 3	18° 8	16°36	19°33	11°23	20°11	17°13	2°54	1°55	24°43	12°51	S 16
S 17	13 46 39	28°26'19	16°40	15°52	21°15	18°53	16°50	19°39	11°24	20°14	17°13	2°52	1°52	24°50	12°55	S 17
M18	13 50 35	29°25'54	0♌46	17°40	22°27	19°38	17° 5	19°46	11°26	20°16	17°13	2°D51	1°49	24°57	12°59	M18
T 19	13 54 32	0♉25'27	14°36	19°29	23°39	20°24	17°19	19°52	11°27	20°18	17°12	2°52	1°46	25° 3	13° 2	T 19
W20	13 58 28	1°24'58	28°11	21°19	24°51	21° 9	17°33	19°58	11°28	20°20	17°12	2°54	1°42	25°10	13° 6	W20
T 21	14 2 25	2°24'27	11♍31	23°10	26° 3	21°54	17°47	20° 4	11°29	20°23	17°12	2°55	1°39	25°17	13° 9	T 21
F 22	14 6 21	3°23'53	24°37	25° 3	27°15	22°39	18° 2	20° 9	11°31	20°25	17°12	2°56	1°36	25°23	13°13	F 22
S 23	14 10 18	4°23'18	7♎31	26°57	28°27	23°24	18°16	20°15	11°32	20°27	17°12	2°R57	1°33	25°30	13°17	S 23
S 24	14 14 15	5°22'40	20°12	28°53	29°39	24° 9	18°30	20°21	11°33	20°29	17°12	2°55	1°30	25°37	13°20	S 24
M25	14 18 11	6°22'00	2♏43	0♉50	0♈52	24°54	18°45	20°27	11°34	20°32	17°11	2°52	1°26	25°44	13°24	M25
T 26	14 22 8	7°21'19	15° 3	2°48	2° 4	25°39	18°59	20°33	11°35	20°34	17°11	2°48	1°23	25°50	13°28	T 26
W27	14 26 4	8°20'35	27°15	4°47	3°16	26°24	19°13	20°38	11°36	20°36	17°11	2°42	1°20	25°57	13°31	W27
T 28	14 30 1	9°19'50	9♐18	6°47	4°28	27° 9	19°28	20°44	11°37	20°38	17°11	2°35	1°17	26° 4	13°35	T 28
F 29	14 33 57	10°19'03	21°15	8°49	5°41	27°54	19°42	20°49	11°37	20°40	17°D11	2°28	1°14	26°11	13°39	F 29
S 30	14 37 54	11♉18'14	3♑ 8	10♉51	6♈53	28♉38	19♉57	20♓55	11♒38	20♈43	17♌11	2♎22	1♎11	26♐17	13♉42	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n53	17s15	4n58	5s48	2s 1	10s33	0n 5	13n27	0s11	14n43	0s58	5s58	1s21	17s52	0s33	6n30	1s11	17n 8	1n43	1s12	1s 4	17s58	14n10	1s11
S 2	5 16	17 54	5 13	5 17	2 4	10 11	0 1	13 43	0 10	14 47	0 58	5 56	1 21	17 51	0 33	6 31	1 11	17 8	1 43	1 12	1 3	17 59	14 11	1 11
S 3	5 39	17 47	5 16	4 45	2 8	9 49	0s 3	13 58	0 9	14 51	0 58	5 53	1 21	17 51	0 33	6 32	1 11	17 8	1 43	1 12	1 2	17 59	14 12	1 11
M 4	6 2	16 53	5 5	4 12	2 11	9 26	0 6	14 14	0 9	14 55	0 58	5 51	1 21	17 50	0 33	6 33	1 11	17 8	1 43	1 12	1 0	17 59	14 13	1 12
T 5	6 25	15 13	4 40	3 38	2 13	9 3	0 10	14 29	0 8	15 0	0 58	5 48	1 21	17 50	0 33	6 34	1 11	17 9	1 43	1 12	0 59	17 59	14 14	1 12
W 6	6 48	12 50	4 2	3 4	2 16	8 40	0 14	14 44	0 7	15 4	0 57	5 46	1 21	17 49	0 33	6 35	1 11	17 9	1 43	1 12	0 58	17 59	14 15	1 12
T 7	7 11	9 48	3 12	2 28	2 17	8 17	0 17	14 59	0 7	15 8	0 57	5 43	1 21	17 49	0 33	6 35	1 11	17 9	1 43	1 13	0 57	18 0	14 16	1 12
F 8	7 33	6 13	2 11	1 52	2 19	7 54	0 21	15 13	0 6	15 12	0 57	5 41	1 21	17 48	0 33	6 36	1 11	17 9	1 43	1 13	0 55	18 0	14 17	1 12
S 9	7 56	2 13	1 1	1 15	2 20	7 30	0 24	15 28	0 5	15 16	0 57	5 38	1 22	17 48	0 33	6 37	1 11	17 9	1 43	1 14	0 54	18 0	14 18	1 12
S 10	8 18	2n 0	0s14	0 37	2 20	7 6	0 27	15 42	0 4	15 20	0 57	5 36	1 22	17 47	0 33	6 38	1 11	17 10	1 43	1 14	0 53	18 0	14 19	1 12
M11	8 40	6 14	1 30	0n 2	2 20	6 41	0 31	15 56	0 4	15 24	0 57	5 34	1 22	17 47	0 33	6 39	1 11	17 10	1 43	1 14	0 52	18 0	14 20	1 12
T 12	9 2	10 11	2 42	0 42	2 20	6 17	0 34	16 10	0 3	15 28	0 57	5 31	1 22	17 46	0 33	6 40	1 11	17 10	1 43	1 13	0 50	18 0	14 21	1 12
W13	9 24	13 35	3 45	1 22	2 19	5 52	0 37	16 24	0 2	15 32	0 57	5 29	1 22	17 46	0 33	6 40	1 11	17 10	1 43	1 12	0 49	18 1	14 22	1 12
T 14	9 45	16 8	4 33	2 3	2 18	5 27	0 40	16 38	0 2	15 37	0 57	5 27	1 22	17 46	0 33	6 41	1 11	17 10	1 43	1 11	0 48	18 1	14 23	1 12
F 15	10 7	17 38	5 3	2 45	2 16	5 2	0 43	16 51	0 1	15 41	0 57	5 24	1 22	17 45	0 33	6 42	1 11	17 10	1 43	1 9	0 47	18 1	14 24	1 12
S 16	10 28	17 58	5 14	3 27	2 14	4 37	0 46	17 4	0 0	15 45	0 56	5 22	1 22	17 45	0 34	6 43	1 11	17 10	1 43	1 8	0 45	18 1	14 25	1 12
S 17	10 49	17 9	5 5	4 10	2 11	4 12	0 49	17 17	0n 1	15 49	0 56	5 20	1 23	17 44	0 34	6 44	1 11	17 10	1 43	1 8	0 44	18 1	14 26	1 12
M18	11 10	15 17	4 38	4 54	2 8	3 46	0 52	17 30	0 1	15 53	0 56	5 17	1 23	17 44	0 34	6 45	1 11	17 11	1 43	1 8	0 43	18 1	14 27	1 12
T 19	11 31	12 33	3 55	5 38	2 4	3 21	0 55	17 43	0 2	15 57	0 56	5 15	1 23	17 44	0 34	6 46	1 11	17 11	1 43	1 8	0 42	18 1	14 28	1 12
W20	11 52	9 11	2 59	6 23	2 0	2 55	0 58	17 55	0 3	16 1	0 56	5 13	1 23	17 43	0 34	6 46	1 11	17 11	1 43	1 8	0 40	18 2	14 29	1 12
T 21	12 12	5 24	1 55	7 8	1 55	2 29	1 0	18 8	0 3	16 5	0 56	5 11	1 23	17 43	0 34	6 47	1 11	17 11	1 43	1 9	0 39	18 2	14 30	1 12
F 22	12 32	1 25	0 45	7 54	1 50	2 3	1 3	18 20	0 4	16 9	0 56	5 9	1 23	17 43	0 34	6 48	1 11	17 11	1 43	1 10	0 38	18 2	14 31	1 12
S 23	12 52	2s34	0n25	8 40	1 44	1 37	1 5	18 32	0 5	16 13	0 56	5 6	1 23	17 43	0 34	6 49	1 12	17 11	1 43	1 10	0 37	18 2	14 32	1 13
S 24	13 12	6 23	1 33	9 27	1 38	1 10	1 8	18 44	0 5	16 17	0 56	5 4	1 24	17 42	0 34	6 50	1 12	17 11	1 43	1 9	0 35	18 2	14 33	1 13
M25	13 31	9 52	2 35	10 13	1 32	0 44	1 10	18 55	0 6	16 21	0 56	5 2	1 24	17 42	0 34	6 50	1 12	17 11	1 43	1 8	0 34	18 2	14 34	1 13
T 26	13 50	12 52	3 29	11 0	1 25	0 18	1 12	19 6	0 7	16 25	0 56	5 0	1 24	17 42	0 34	6 51	1 12	17 11	1 43	1 6	0 33	18 2	14 35	1 13
W27	14 10	15 15	4 13	11 47	1 17	0n 9	1 15	19 18	0 7	16 29	0 56	4 58	1 24	17 42	0 34	6 52	1 12	17 11	1 43	1 4	0 32	18 2	14 36	1 13
T 28	14 28	16 57	4 45	12 34	1 9	0 35	1 17	19 28	0 8	16 33	0 56	4 56	1 24	17 41	0 34	6 53	1 12	17 11	1 43	1 1	0 30	18 3	14 37	1 13
F 29	14 47	17 53	5 4	13 21	1 0	1 2	1 19	19 39	0 9	16 37	0 55	4 54	1 24	17 41	0 34	6 54	1 12	17 11	1 43	0 58	0 29	18 3	14 38	1 13
S 30	15n 5	18s 1	5n10	14n 8	0s52	1n28	1s21	19n50	0n 9	16n41	0s55	4s52	1s25	17s41	0s34	6n54	1s12	17n11	1n44	0s56	0s28	18s 3	14n39	1s13

Julian Day Number = 3062321.5, Delta T = 02h32m10s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'04, Lahiri = 47°18'04

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

MAY 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 41 50	12♉17'23	15♋ 0	12♉55	8♈ 5	29♉23	20♉11	21♓ 0	11♒39	20♈45	17♌11	2°R17	1♎ 7	26♐24	13♉46	S 1
M 2	14 45 47	13°16'31	26°55	14°59	9°18	0♊ 8	20°26	21° 5	11°40	20°47	17°11	2♎13	1° 4	26°31	13°50	M 2
T 3	14 49 44	14°15'37	8♒57	17° 4	10°30	0°52	20°40	21°11	11°40	20°49	17°11	2°D12	1° 1	26°37	13°53	T 3
W 4	14 53 40	15°14'41	21°11	19° 9	11°43	1°37	20°55	21°16	11°41	20°51	17°12	2°12	0°58	26°44	13°57	W 4
T 5	14 57 37	16°13'43	3♓42	21°15	12°55	2°21	21° 9	21°21	11°41	20°53	17°12	2°13	0°55	26°51	14° 1	T 5
F 6	15 1 33	17°12'44	16°34	23°20	14° 8	3° 6	21°24	21°26	11°42	20°55	17°12	2°14	0°52	26°58	14° 4	F 6
S 7	15 5 30	18°11'43	29°50	25°26	15°20	3°50	21°38	21°31	11°42	20°57	17°12	2°R15	0°48	27° 4	14° 8	S 7
S 8	15 9 26	19°10'40	13♈34	27°30	16°33	4°35	21°53	21°36	11°43	20°59	17°12	2°15	0°45	27°11	14°12	S 8
M 9	15 13 23	20° 9'36	27°46	29°34	17°45	5°19	22° 7	21°41	11°43	21° 1	17°13	2°12	0°42	27°18	14°16	M 9
T 10	15 17 19	21° 8'30	12♉21	1♊36	18°58	6° 3	22°22	21°46	11°43	21° 4	17°13	2° 7	0°39	27°24	14°19	T 10
W11	15 21 16	22° 7'22	27°15	3°37	20°11	6°47	22°36	21°50	11°44	21° 6	17°13	2° 1	0°36	27°31	14°23	W11
T 12	15 25 12	23° 6'12	12♊18	5°36	21°23	7°32	22°51	21°55	11°44	21° 8	17°13	1°53	0°32	27°38	14°27	T 12
F 13	15 29 9	24° 5'01	27°22	7°33	22°36	8°16	23° 5	22° 0	11°44	21°10	17°14	1°45	0°29	27°45	14°30	F 13
S 14	15 33 6	25° 3'47	12♋16	9°27	23°49	9° 0	23°20	22° 4	11°44	21°12	17°14	1°38	0°26	27°51	14°34	S 14
S 15	15 37 2	26° 2'31	26°53	11°18	25° 1	9°44	23°34	22° 9	11°R44	21°14	17°15	1°33	0°23	27°58	14°37	S 15
M16	15 40 59	27° 1'13	11♌ 9	13° 6	26°14	10°28	23°49	22°13	11°44	21°15	17°15	1°30	0°20	28° 5	14°41	M16
T 17	15 44 55	27°59'52	25° 1	14°50	27°27	11°12	24° 3	22°17	11°44	21°17	17°15	1°D28	0°17	28°12	14°45	T 17
W18	15 48 52	28°58'30	8♍31	16°31	28°39	11°56	24°18	22°21	11°44	21°19	17°16	1°29	0°13	28°18	14°48	W18
T 19	15 52 48	29°57'05	21°40	18° 8	29°52	12°39	24°32	22°26	11°43	21°21	17°16	1°30	0°10	28°25	14°52	T 19
F 20	15 56 45	0♊55'38	4♎31	19°41	1♉ 5	13°23	24°47	22°30	11°43	21°23	17°17	1°R30	0° 7	28°32	14°56	F 20
S 21	16 0 41	1°54'09	17° 7	21°10	2°17	14° 7	25° 1	22°34	11°43	21°25	17°17	1°29	0° 4	28°38	14°59	S 21
S 22	16 4 38	2°52'38	29°32	22°34	3°30	14°50	25°15	22°37	11°43	21°27	17°18	1°25	0° 1	28°45	15° 3	S 22
M23	16 8 35	3°51'06	11♏47	23°54	4°43	15°34	25°30	22°41	11°42	21°29	17°19	1°19	29♍57	28°52	15° 6	M23
T 24	16 12 31	4°49'31	23°55	25° 9	5°56	16°18	25°44	22°45	11°42	21°30	17°19	1°10	29°54	28°59	15°10	T 24
W25	16 16 28	5°47'55	5♐57	26°20	7° 8	17° 1	25°59	22°49	11°41	21°32	17°20	0°59	29°51	29° 5	15°13	W25
T 26	16 20 24	6°46'16	17°55	27°26	8°21	17°45	26°13	22°52	11°41	21°34	17°21	0°47	29°48	29°12	15°17	T 26
F 27	16 24 21	7°44'37	29°49	28°27	9°34	18°28	26°27	22°56	11°40	21°36	17°21	0°35	29°45	29°19	15°20	F 27
S 28	16 28 17	8°42'55	11♑41	29°23	10°47	19°11	26°42	22°59	11°39	21°37	17°22	0°23	29°42	29°26	15°24	S 28
S 29	16 32 14	9°41'12	23°34	0♋14	12° 0	19°55	26°56	23° 2	11°39	21°39	17°23	0°13	29°38	29°32	15°27	S 29
M30	16 36 11	10°39'28	5♒29	1° 0	13°12	20°38	27°10	23° 6	11°38	21°41	17°23	0° 5	29°35	29°39	15°31	M30
T 31	16 40 7	11♊37'42	17♒31	1♋42	14♉25	21♊21	27♉25	23♓ 9	11♒37	21♈42	17♌24	0♎ 0	29♍32	29♐46	15♉34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n23	17s23	5n 2	14n54	0s42	1n55	1s23	20n 0	0n10	16n44	0s55	4s50	1s25	17s41	0s34	6n55	1s12	17n11	1n44	0s54	0s27	18s 3	14n40	1s13
M 2	15 41	15 58	4 42	15 40	0 33	2 21	1 24	20 10	0 11	16 48	0 55	4 48	1 25	17 41	0 34	6 56	1 12	17 11	1 44	0 53	0 25	18 3	14 41	1 13
T 3	15 58	13 51	4 9	16 25	0 23	2 48	1 26	20 20	0 11	16 52	0 55	4 46	1 25	17 41	0 34	6 57	1 12	17 11	1 44	0 52	0 24	18 3	14 42	1 13
W 4	16 16	11 5	3 24	17 9	0 12	3 15	1 28	20 30	0 12	16 56	0 55	4 44	1 25	17 40	0 34	6 57	1 12	17 11	1 44	0 52	0 23	18 3	14 43	1 13
T 5	16 33	7 45	2 28	17 53	0 2	3 41	1 29	20 39	0 13	17 0	0 55	4 43	1 25	17 40	0 34	6 58	1 12	17 11	1 44	0 52	0 22	18 3	14 44	1 13
F 6	16 49	3 58	1 24	18 35	0n 9	4 8	1 31	20 48	0 13	17 4	0 55	4 41	1 26	17 40	0 34	6 59	1 12	17 11	1 44	0 53	0 20	18 3	14 45	1 13
S 7	17 6	0n 8	0 13	19 16	0 20	4 34	1 32	20 57	0 14	17 7	0 55	4 39	1 26	17 40	0 34	7 0	1 12	17 11	1 44	0 53	0 19	18 3	14 46	1 14
S 8	17 22	4 22	1s 1	19 55	0 31	5 0	1 34	21 6	0 15	17 11	0 55	4 37	1 26	17 40	0 34	7 0	1 12	17 11	1 44	0 53	0 18	18 3	14 47	1 14
M 9	17 37	8 30	2 13	20 33	0 42	5 27	1 35	21 15	0 15	17 15	0 55	4 35	1 26	17 40	0 34	7 1	1 12	17 11	1 44	0 52	0 17	18 4	14 48	1 14
T 10	17 53	12 15	3 19	21 9	0 52	5 53	1 36	21 23	0 16	17 19	0 55	4 34	1 26	17 40	0 34	7 2	1 12	17 11	1 44	0 50	0 15	18 4	14 49	1 14
W11	18 8	15 16	4 12	21 43	1 3	6 19	1 37	21 31	0 17	17 22	0 55	4 32	1 26	17 40	0 34	7 3	1 12	17 11	1 44	0 48	0 14	18 4	14 50	1 14
T 12	18 23	17 17	4 49	22 15	1 13	6 45	1 38	21 39	0 17	17 26	0 55	4 30	1 27	17 40	0 34	7 3	1 12	17 11	1 44	0 45	0 13	18 4	14 51	1 14
F 13	18 37	18 6	5 5	22 44	1 23	7 11	1 39	21 47	0 18	17 30	0 55	4 29	1 27	17 40	0 35	7 4	1 12	17 11	1 44	0 41	0 12	18 4	14 52	1 14
S 14	18 51	17 40	5 1	23 12	1 33	7 37	1 40	21 54	0 18	17 33	0 55	4 27	1 27	17 40	0 35	7 5	1 12	17 11	1 44	0 39	0 10	18 4	14 53	1 14
S 15	19 5	16 3	4 37	23 37	1 42	8 2	1 41	22 1	0 19	17 37	0 55	4 26	1 27	17 40	0 35	7 6	1 12	17 11	1 44	0 37	0 9	18 4	14 54	1 14
M16	19 19	13 29	3 56	23 59	1 50	8 28	1 41	22 8	0 20	17 40	0 55	4 24	1 27	17 40	0 35	7 6	1 12	17 10	1 44	0 35	0 8	18 4	14 55	1 14
T 17	19 32	10 11	3 3	24 20	1 58	8 53	1 42	22 15	0 20	17 44	0 55	4 22	1 27	17 40	0 35	7 7	1 12	17 10	1 44	0 35	0 7	18 4	14 56	1 14
W18	19 45	6 27	2 0	24 38	2 6	9 18	1 42	22 22	0 21	17 47	0 55	4 21	1 28	17 40	0 35	7 8	1 12	17 10	1 44	0 35	0 5	18 4	14 57	1 14
T 19	19 57	2 28	0 52	24 53	2 12	9 43	1 43	22 28	0 22	17 51	0 55	4 20	1 28	17 40	0 35	7 8	1 12	17 10	1 44	0 35	0 4	18 4	14 58	1 15
F 20	20 9	1s32	0n16	25 7	2 18	10 8	1 43	22 34	0 22	17 54	0 54	4 18	1 28	17 40	0 35	7 9	1 12	17 10	1 44	0 35	0 3	18 4	14 59	1 15
S 21	20 21	5 24	1 23	25 18	2 22	10 32	1 43	22 40	0 23	17 58	0 54	4 17	1 28	17 40	0 35	7 10	1 12	17 10	1 44	0 35	0 2	18 4	15 0	1 15
S 22	20 33	8 58	2 24	25 27	2 26	10 57	1 44	22 45	0 23	18 1	0 54	4 15	1 28	17 41	0 35	7 10	1 12	17 10	1 44	0 34	0 0	18 4	15 0	1 15
M23	20 44	12 6	3 17	25 34	2 29	11 21	1 44	22 51	0 24	18 5	0 54	4 14	1 29	17 41	0 35	7 11	1 12	17 9	1 44	0 31	0n 1	18 4	15 1	1 15
T 24	20 54	14 41	4 1	25 39	2 31	11 45	1 44	22 56	0 25	18 8	0 54	4 13	1 29	17 41	0 35	7 11	1 12	17 9	1 44	0 28	0 2	18 4	15 2	1 15
W25	21 5	16 36	4 34	25 42	2 32	12 8	1 44	23 1	0 25	18 12	0 54	4 12	1 29	17 41	0 35	7 12	1 12	17 9	1 44	0 23	0 3	18 4	15 3	1 15
T 26	21 15	17 47	4 55	25 44	2 32	12 31	1 44	23 5	0 26	18 15	0 54	4 10	1 29	17 41	0 35	7 13	1 12	17 9	1 44	0 19	0 5	18 4	15 4	1 15
F 27	21 24	18 11	5 2	25 43	2 31	12 55	1 43	23 10	0 26	18 18	0 54	4 9	1 29	17 41	0 35	7 13	1 12	17 9	1 44	0 14	0 6	18 4	15 5	1 15
S 28	21 33	17 48	4 56	25 42	2 28	13 17	1 43	23 14	0 27	18 22	0 54	4 8	1 30	17 42	0 35	7 14	1 12	17 9	1 44	0 9	0 7	18 4	15 6	1 15
S 29	21 42	16 37	4 38	25 39	2 25	13 40	1 43	23 18	0 27	18 25	0 54	4 7	1 30	17 42	0 35	7 15	1 12	17 8	1 44	0 5	0 9	18 5	15 7	1 15
M30	21 50	14 44	4 7	25 34	2 21	14 2	1 42	23 22	0 28	18 28	0 54	4 6	1 30	17 42	0 35	7 15	1 12	17 8	1 44	0 2	0 10	18 5	15 8	1 16
T 31	21n58	12s11	3n25	25n28	2n15	14n24	1s42	23n25	0n29	18n31	0s54	4s 5	1s30	17s42	0s35	7n16	1s13	17n 8	1n44	0s 0	0n11	18s 5	15n 9	1s16

Julian Day Number = 3062351.5, Delta T = 02h32m11s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'08, Lahiri = 47°18'08

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

JUNE 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 44 4	12♊35'54	29♒43	2♋18	15♉38	22♊ 4	27♉39	23♓12	11°R36	21♈44	17♌25	29°R58	29♍29	29♐52	15♉37	W 1
T 2	16 48 0	13°34'05	12♓10	2°49	16°51	22°47	27°53	23°15	11♒36	21°45	17°26	29°D57	29°26	29°59	15°41	T 2
F 3	16 51 57	14°32'15	24°58	3°14	18° 4	23°30	28° 7	23°18	11°35	21°47	17°27	29°R57	29°23	0♑ 6	15°44	F 3
S 4	16 55 53	15°30'23	8♈ 9	3°35	19°17	24°13	28°21	23°20	11°34	21°48	17°27	29♍57	29°19	0°13	15°47	S 4
S 5	16 59 50	16°28'31	21°48	3°50	20°30	24°56	28°36	23°23	11°33	21°50	17°28	29°56	29°16	0°19	15°51	S 5
M 6	17 3 46	17°26'36	5♉57	4° 0	21°43	25°39	28°50	23°26	11°32	21°51	17°29	29°52	29°13	0°26	15°54	M 6
T 7	17 7 43	18°24'41	20°33	4° 5	22°55	26°22	29° 4	23°28	11°30	21°53	17°30	29°45	29°10	0°33	15°57	T 7
W 8	17 11 40	19°22'44	5♊33	4°R 6	24° 8	27° 5	29°18	23°31	11°29	21°54	17°31	29°36	29° 7	0°39	16° 0	W 8
T 9	17 15 36	20°20'46	20°48	4° 1	25°21	27°48	29°32	23°33	11°28	21°56	17°32	29°26	29° 3	0°46	16° 4	T 9
F 10	17 19 33	21°18'47	6♋ 6	3°52	26°34	28°30	29°46	23°35	11°27	21°57	17°33	29°15	29° 0	0°53	16° 7	F 10
S 11	17 23 29	22°16'46	21°17	3°38	27°47	29°13	29°59	23°37	11°26	21°59	17°34	29° 5	28°57	1° 0	16°10	S 11
S 12	17 27 26	23°14'43	6♌10	3°20	29° 0	29°56	0♊14	23°39	11°24	22° 0	17°35	28°57	28°54	1° 6	16°13	S 12
M13	17 31 22	24°12'38	20°39	2°59	0♊13	0♋38	0°28	23°41	11°23	22° 1	17°36	28°52	28°51	1°13	16°16	M13
T 14	17 35 19	25°10'32	4♍41	2°34	1°26	1°21	0°41	23°43	11°22	22° 2	17°37	28°49	28°48	1°20	16°19	T 14
W15	17 39 15	26° 8'24	18°15	2° 7	2°39	2° 3	0°55	23°45	11°20	22° 4	17°38	28°48	28°44	1°27	16°22	W15
T 16	17 43 12	27° 6'15	1♎23	1°36	3°52	2°46	1° 9	23°47	11°19	22° 5	17°39	28°48	28°41	1°33	16°25	T 16
F 17	17 47 9	28° 4'03	14° 9	1° 4	5° 5	3°28	1°23	23°48	11°17	22° 6	17°40	28°48	28°38	1°40	16°28	F 17
S 18	17 51 5	29° 1'51	26°38	0°31	6°18	4°10	1°36	23°50	11°16	22° 7	17°42	28°46	28°35	1°47	16°31	S 18
S 19	17 55 2	29°59'36	8♏54	29♊57	7°31	4°52	1°50	23°51	11°14	22° 8	17°43	28°41	28°32	1°53	16°34	S 19
M20	17 58 58	0♋57'21	21° 0	29°23	8°44	5°35	2° 3	23°52	11°12	22° 9	17°44	28°34	28°29	2° 0	16°37	M20
T 21	18 2 55	1°55'04	3♐ 0	28°49	9°57	6°17	2°17	23°53	11°11	22°11	17°45	28°25	28°25	2° 7	16°40	T 21
W22	18 6 51	2°52'45	14°55	28°17	11°10	6°59	2°30	23°55	11° 9	22°12	17°46	28°13	28°22	2°14	16°43	W22
T 23	18 10 48	3°50'26	26°48	27°46	12°23	7°41	2°44	23°56	11° 7	22°13	17°47	27°59	28°19	2°20	16°45	T 23
F 24	18 14 44	4°48'05	8♑41	27°17	13°36	8°23	2°57	23°56	11° 5	22°14	17°49	27°45	28°16	2°27	16°48	F 24
S 25	18 18 41	5°45'43	20°34	26°51	14°49	9° 5	3°10	23°57	11° 4	22°15	17°50	27°32	28°13	2°34	16°51	S 25
S 26	18 22 38	6°43'20	2♒30	26°27	16° 2	9°47	3°24	23°58	11° 2	22°15	17°51	27°21	28° 9	2°41	16°53	S 26
M27	18 26 34	7°40'56	14°30	26° 7	17°15	10°29	3°37	23°58	11° 0	22°16	17°52	27°12	28° 6	2°47	16°56	M27
T 28	18 30 31	8°38'31	26°36	25°51	18°28	11°11	3°50	23°59	10°58	22°17	17°54	27° 6	28° 3	2°54	16°59	T 28
W29	18 34 27	9°36'05	8♓52	25°39	19°41	11°52	4° 3	23°59	10°56	22°18	17°55	27° 2	28° 0	3° 1	17° 1	W29
T 30	18 38 24	10♋33'38	21♓20	25♊31	20♊54	12♋34	4♊16	24♓ 0	10♒54	22♈19	17♌56	27♍ 1	27♍57	3♑ 7	17♉ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 6	9s 4	2n33	25n21	2n 9	14n45	1s41	23n28	0n29	18n34	0s54	4s 4	1s30	17s43	0s35	7n16	1s13	17n 8	1n44	0n 1	0n12	18s 5	15n 9	1s16
T 2	22 13	5 30	1 33	25 13	2 1	15 6	1 41	23 31	0 30	18 38	0 54	4 3	1 31	17 43	0 35	7 17	1 13	17 8	1 44	0 1	0 14	18 5	15 10	1 16
F 3	22 20	1 35	0 26	25 3	1 53	15 27	1 40	23 34	0 30	18 41	0 54	4 2	1 31	17 43	0 35	7 17	1 13	17 7	1 44	0 1	0 15	18 5	15 11	1 16
S 4	22 26	2n32	0s43	24 53	1 43	15 48	1 39	23 37	0 31	18 44	0 54	4 1	1 31	17 43	0 35	7 18	1 13	17 7	1 44	0 1	0 16	18 5	15 12	1 16
S 5	22 32	6 40	1 53	24 42	1 32	16 8	1 38	23 39	0 31	18 47	0 54	4 0	1 31	17 44	0 35	7 18	1 13	17 7	1 44	0 2	0 17	18 5	15 13	1 16
M 6	22 38	10 35	2 58	24 30	1 20	16 27	1 37	23 41	0 32	18 50	0 54	3 59	1 31	17 44	0 35	7 19	1 13	17 7	1 44	0 3	0 19	18 5	15 14	1 16
T 7	22 43	13 58	3 54	24 16	1 7	16 47	1 37	23 43	0 32	18 53	0 54	3 59	1 32	17 44	0 35	7 19	1 13	17 6	1 44	0 6	0 20	18 5	15 15	1 16
W 8	22 48	16 31	4 35	24 3	0 53	17 6	1 35	23 44	0 33	18 56	0 54	3 58	1 32	17 45	0 35	7 20	1 13	17 6	1 44	0 9	0 21	18 5	15 15	1 17
T 9	22 52	17 58	4 57	23 48	0 38	17 24	1 34	23 46	0 34	18 59	0 54	3 57	1 32	17 45	0 35	7 20	1 13	17 6	1 44	0 13	0 22	18 5	15 16	1 17
F 10	22 56	18 7	4 59	23 33	0 23	17 42	1 33	23 47	0 34	19 2	0 54	3 56	1 32	17 46	0 35	7 21	1 13	17 6	1 44	0 18	0 24	18 5	15 17	1 17
S 11	23 0	16 58	4 39	23 17	0 7	18 0	1 32	23 48	0 35	19 5	0 54	3 56	1 33	17 46	0 36	7 21	1 13	17 5	1 44	0 22	0 25	18 5	15 18	1 17
S 12	23 3	14 41	4 0	23 0	0s10	18 17	1 31	23 48	0 35	19 8	0 54	3 55	1 33	17 46	0 36	7 22	1 13	17 5	1 44	0 25	0 26	18 5	15 18	1 17
M13	23 6	11 31	3 7	22 44	0 28	18 33	1 29	23 49	0 36	19 11	0 54	3 55	1 33	17 47	0 36	7 22	1 13	17 5	1 45	0 27	0 27	18 5	15 19	1 17
T 14	23 8	7 47	2 4	22 27	0 45	18 49	1 28	23 49	0 36	19 13	0 54	3 54	1 33	17 47	0 36	7 23	1 13	17 4	1 45	0 28	0 29	18 4	15 20	1 17
W15	23 10	3 45	0 56	22 9	1 3	19 5	1 26	23 49	0 37	19 16	0 54	3 54	1 33	17 48	0 36	7 23	1 13	17 4	1 45	0 28	0 30	18 4	15 21	1 17
T 16	23 11	0s20	0n14	21 52	1 21	19 20	1 25	23 49	0 37	19 19	0 54	3 53	1 34	17 48	0 36	7 23	1 13	17 4	1 45	0 28	0 31	18 4	15 21	1 17
F 17	23 12	4 18	1 20	21 34	1 39	19 35	1 23	23 48	0 38	19 22	0 54	3 53	1 34	17 48	0 36	7 24	1 13	17 3	1 45	0 29	0 32	18 4	15 22	1 18
S 18	23 13	7 59	2 21	21 17	1 56	19 49	1 22	23 48	0 38	19 24	0 54	3 52	1 34	17 49	0 36	7 24	1 13	17 3	1 45	0 29	0 34	18 4	15 23	1 18
S 19	23 13	11 15	3 15	21 0	2 13	20 3	1 20	23 47	0 39	19 27	0 54	3 52	1 34	17 49	0 36	7 25	1 13	17 3	1 45	0 31	0 35	18 4	15 24	1 18
M20	23 13	14 0	3 59	20 44	2 29	20 16	1 18	23 46	0 39	19 30	0 54	3 52	1 35	17 50	0 36	7 25	1 13	17 3	1 45	0 34	0 36	18 4	15 24	1 18
T 21	23 12	16 8	4 31	20 28	2 45	20 29	1 17	23 44	0 40	19 32	0 54	3 51	1 35	17 50	0 36	7 25	1 13	17 2	1 45	0 38	0 37	18 4	15 25	1 18
W22	23 11	17 33	4 52	20 13	3 0	20 41	1 15	23 43	0 40	19 35	0 54	3 51	1 35	17 51	0 36	7 26	1 13	17 2	1 45	0 42	0 39	18 4	15 26	1 18
T 23	23 10	18 12	5 0	19 59	3 13	20 52	1 13	23 41	0 41	19 38	0 54	3 51	1 35	17 51	0 36	7 26	1 13	17 2	1 45	0 48	0 40	18 4	15 26	1 18
F 24	23 8	18 3	4 54	19 46	3 26	21 3	1 11	23 39	0 41	19 40	0 54	3 51	1 35	17 52	0 36	7 26	1 14	17 1	1 45	0 53	0 41	18 4	15 27	1 18
S 25	23 6	17 6	4 36	19 34	3 37	21 13	1 9	23 36	0 42	19 43	0 54	3 51	1 36	17 52	0 36	7 27	1 14	17 1	1 45	0 58	0 42	18 4	15 28	1 19
S 26	23 3	15 26	4 6	19 23	3 47	21 23	1 7	23 34	0 42	19 45	0 54	3 51	1 36	17 53	0 36	7 27	1 14	17 0	1 45	1 3	0 44	18 4	15 28	1 19
M27	23 0	13 4	3 25	19 14	3 56	21 32	1 5	23 31	0 43	19 47	0 55	3 51	1 36	17 53	0 36	7 27	1 14	17 0	1 45	1 6	0 45	18 4	15 29	1 19
T 28	22 57	10 8	2 34	19 6	4 4	21 41	1 3	23 28	0 43	19 50	0 55	3 51	1 36	17 54	0 36	7 27	1 14	17 0	1 45	1 9	0 46	18 4	15 29	1 19
W29	22 53	6 43	1 35	18 59	4 10	21 49	1 1	23 25	0 44	19 52	0 55	3 51	1 37	17 54	0 36	7 28	1 14	16 59	1 45	1 10	0 47	18 4	15 30	1 19
T 30	22n48	2s57	0n30	18n54	4s15	21n56	0s59	23n22	0n44	19n55	0s55	3s51	1s37	17s55	0s36	7n28	1s14	16n59	1n45	1n10	0n49	18s 4	15n31	1s19

Julian Day Number = 3062382.5, Delta T = 02h32m12s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'12, Lahiri = 47°18'13

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

JULY 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 42 20	11♋31'11	4♈ 7	25°D27	22♊ 7	13♋16	4♊29	24♓ 0	10°R52	22♈20	17♎58	27°D 1	27♍54	3♑14	17♉ 6	F 1
S 2	18 46 17	12°28'43	17°14	25♊28	23°21	13°57	4°42	24° 0	10♒50	22°20	17°59	27°R 1	27°50	3°21	17° 9	S 2
S 3	18 50 13	13°26'15	0♉47	25°33	24°34	14°39	4°55	24°R 0	10°48	22°21	18° 0	27♍ 0	27°47	3°28	17°11	S 3
M 4	18 54 10	14°23'45	14°46	25°42	25°47	15°21	5° 7	24° 0	10°46	22°22	18° 2	26°57	27°44	3°34	17°13	M 4
T 5	18 58 7	15°21'16	29°14	25°56	27° 0	16° 2	5°20	24° 0	10°44	22°22	18° 3	26°52	27°41	3°41	17°16	T 5
W 6	19 2 3	16°18'45	14♊ 5	26°15	28°13	16°43	5°33	23°59	10°42	22°23	18° 5	26°44	27°38	3°48	17°18	W 6
T 7	19 6 0	17°16'15	29°14	26°38	29°26	17°25	5°45	23°59	10°40	22°23	18° 6	26°35	27°35	3°54	17°20	T 7
F 8	19 9 56	18°13'43	14♋30	27° 5	0♋40	18° 6	5°58	23°59	10°37	22°24	18° 7	26°25	27°31	4° 1	17°22	F 8
S 9	19 13 53	19°11'11	29°44	27°37	1°53	18°48	6°10	23°58	10°35	22°25	18° 9	26°16	27°28	4° 8	17°25	S 9
S 10	19 17 49	20° 8'38	14♌43	28°13	3° 6	19°29	6°23	23°57	10°33	22°25	18°10	26° 8	27°25	4°15	17°27	S 10
M11	19 21 46	21° 6'04	29°20	28°54	4°19	20°10	6°35	23°56	10°31	22°25	18°12	26° 3	27°22	4°21	17°29	M11
T 12	19 25 43	22° 3'29	13♍30	29°38	5°32	20°51	6°47	23°56	10°29	22°26	18°13	26° 1	27°19	4°28	17°31	T 12
W13	19 29 39	23° 0'53	27°11	0♋26	6°46	21°32	6°59	23°55	10°26	22°26	18°15	26°D 0	27°15	4°35	17°33	W13
T 14	19 33 36	23°58'16	10♎24	1°19	7°59	22°13	7°11	23°54	10°24	22°27	18°16	26° 1	27°12	4°42	17°35	T 14
F 15	19 37 32	24°55'39	23°13	2°15	9°12	22°55	7°23	23°52	10°22	22°27	18°18	26°R 1	27° 9	4°48	17°37	F 15
S 16	19 41 29	25°53'00	5♏42	3°15	10°25	23°36	7°35	23°51	10°19	22°27	18°19	26° 1	27° 6	4°55	17°38	S 16
S 17	19 45 25	26°50'21	17°56	4°19	11°39	24°16	7°47	23°50	10°17	22°27	18°21	25°58	27° 3	5° 2	17°40	S 17
M18	19 49 22	27°47'41	29°59	5°27	12°52	24°57	7°58	23°48	10°15	22°28	18°22	25°54	27° 0	5° 8	17°42	M18
T 19	19 53 18	28°45'01	11♐55	6°38	14° 5	25°38	8°10	23°47	10°12	22°28	18°24	25°47	26°56	5°15	17°44	T 19
W20	19 57 15	29°42'20	23°48	7°53	15°19	26°19	8°22	23°45	10°10	22°28	18°25	25°38	26°53	5°22	17°45	W20
T 21	20 1 12	0♌39'38	5♑40	9°12	16°32	27° 0	8°33	23°43	10° 8	22°28	18°27	25°29	26°50	5°29	17°47	T 21
F 22	20 5 8	1°36'56	17°34	10°34	17°45	27°41	8°44	23°42	10° 5	22°28	18°28	25°18	26°47	5°35	17°48	F 22
S 23	20 9 5	2°34'14	29°31	11°59	18°59	28°21	8°56	23°40	10° 3	22°28	18°30	25° 9	26°44	5°42	17°50	S 23
S 24	20 13 1	3°31'31	11♒33	13°29	20°12	29° 2	9° 7	23°38	10° 0	22°R28	18°32	25° 1	26°41	5°49	17°51	S 24
M25	20 16 58	4°28'48	23°42	15° 1	21°25	29°43	9°18	23°36	9°58	22°28	18°33	24°54	26°37	5°55	17°53	M25
T 26	20 20 54	5°26'04	5♓58	16°37	22°39	0♌23	9°29	23°34	9°56	22°28	18°35	24°50	26°34	6° 2	17°54	T 26
W27	20 24 51	6°23'21	18°24	18°16	23°52	1° 4	9°40	23°31	9°53	22°28	18°36	24°49	26°31	6° 9	17°55	W27
T 28	20 28 47	7°20'38	1♈ 3	19°59	25° 6	1°44	9°50	23°29	9°51	22°28	18°38	24°D48	26°28	6°16	17°57	T 28
F 29	20 32 44	8°17'54	13°56	21°44	26°19	2°25	10° 1	23°27	9°48	22°28	18°40	24°49	26°25	6°22	17°58	F 29
S 30	20 36 41	9°15'11	27° 6	23°33	27°33	3° 5	10°12	23°24	9°46	22°28	18°41	24°51	26°21	6°29	17°59	S 30
S 31	20 40 37	10♌12'28	10♉37	25♋25	28♋46	3♌45	10♊22	23♓21	9♒43	22♈27	18♎43	24°R51	26♍18	6♑36	18♉ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n44	1n 3	0s38	18n50	4s19	22n 3	0s56	23n18	0n44	19n57	0s55	3s51	1s37	17s56	0s36	7n28	1s14	16n59	1n45	1n10	0n50	18s 4	15n31	1s19
S 2	22 39	5 5	1 45	18 47	4 21	22 9	0 54	23 15	0 45	19 59	0 55	3 51	1 37	17 56	0 36	7 28	1 14	16 58	1 45	1 10	0 51	18 4	15 32	1 20
S 3	22 33	9 0	2 49	18 46	4 23	22 15	0 52	23 11	0 45	20 1	0 55	3 51	1 37	17 57	0 36	7 29	1 14	16 58	1 45	1 11	0 52	18 3	15 32	1 20
M 4	22 27	12 32	3 45	18 47	4 23	22 20	0 50	23 6	0 46	20 4	0 55	3 52	1 38	17 57	0 36	7 29	1 14	16 57	1 45	1 12	0 54	18 3	15 33	1 20
T 5	22 21	15 26	4 28	18 48	4 22	22 24	0 47	23 2	0 46	20 6	0 55	3 52	1 38	17 58	0 36	7 29	1 14	16 57	1 45	1 14	0 55	18 3	15 33	1 20
W 6	22 14	17 24	4 55	18 51	4 20	22 27	0 45	22 57	0 47	20 8	0 55	3 52	1 38	17 58	0 36	7 29	1 14	16 57	1 45	1 17	0 56	18 3	15 34	1 20
T 7	22 7	18 11	5 2	18 54	4 17	22 30	0 43	22 53	0 47	20 10	0 55	3 52	1 38	17 59	0 36	7 29	1 14	16 56	1 45	1 21	0 57	18 3	15 34	1 20
F 8	22 0	17 40	4 48	18 59	4 13	22 33	0 40	22 48	0 48	20 12	0 55	3 53	1 38	18 0	0 36	7 30	1 14	16 56	1 45	1 25	0 59	18 3	15 35	1 20
S 9	21 52	15 54	4 13	19 4	4 8	22 34	0 38	22 43	0 48	20 14	0 55	3 53	1 39	18 0	0 36	7 30	1 14	16 56	1 45	1 28	1 0	18 3	15 35	1 21
S 10	21 44	13 4	3 21	19 11	4 2	22 36	0 36	22 37	0 48	20 16	0 55	3 54	1 39	18 1	0 36	7 30	1 14	16 55	1 45	1 31	1 1	18 3	15 36	1 21
M11	21 35	9 28	2 17	19 18	3 55	22 36	0 33	22 32	0 49	20 18	0 55	3 54	1 39	18 2	0 36	7 30	1 14	16 55	1 46	1 33	1 2	18 3	15 36	1 21
T 12	21 26	5 25	1 6	19 25	3 48	22 36	0 31	22 26	0 49	20 20	0 55	3 55	1 39	18 2	0 36	7 30	1 14	16 54	1 46	1 34	1 4	18 3	15 36	1 21
W13	21 17	1 13	0n 6	19 33	3 40	22 35	0 28	22 20	0 50	20 22	0 55	3 55	1 40	18 3	0 36	7 30	1 14	16 54	1 46	1 34	1 5	18 3	15 37	1 21
T 14	21 7	2s55	1 16	19 41	3 32	22 33	0 26	22 14	0 50	20 24	0 55	3 56	1 40	18 3	0 36	7 30	1 14	16 53	1 46	1 34	1 6	18 2	15 37	1 21
F 15	20 57	6 46	2 20	19 50	3 22	22 31	0 23	22 8	0 51	20 26	0 55	3 57	1 40	18 4	0 36	7 30	1 15	16 53	1 46	1 34	1 7	18 2	15 38	1 21
S 16	20 47	10 14	3 15	19 58	3 13	22 28	0 21	22 1	0 51	20 28	0 55	3 57	1 40	18 5	0 36	7 30	1 15	16 53	1 46	1 34	1 9	18 2	15 38	1 22
S 17	20 36	13 10	4 1	20 7	3 2	22 25	0 18	21 54	0 51	20 30	0 55	3 58	1 40	18 5	0 36	7 30	1 15	16 52	1 46	1 35	1 10	18 2	15 38	1 22
M18	20 25	15 29	4 35	20 15	2 52	22 21	0 16	21 48	0 52	20 32	0 56	3 59	1 41	18 6	0 36	7 30	1 15	16 52	1 46	1 37	1 11	18 2	15 39	1 22
T 19	20 13	17 7	4 56	20 23	2 41	22 16	0 13	21 41	0 52	20 33	0 56	4 0	1 41	18 7	0 36	7 30	1 15	16 51	1 46	1 40	1 12	18 2	15 39	1 22
W20	20 2	18 0	5 5	20 30	2 29	22 10	0 11	21 33	0 52	20 35	0 56	4 1	1 41	18 7	0 36	7 30	1 15	16 51	1 46	1 43	1 14	18 2	15 39	1 22
T 21	19 50	18 6	5 0	20 37	2 18	22 4	0 8	21 26	0 53	20 37	0 56	4 1	1 41	18 8	0 36	7 30	1 15	16 51	1 46	1 47	1 15	18 2	15 40	1 22
F 22	19 37	17 25	4 42	20 43	2 6	21 58	0 6	21 18	0 53	20 38	0 56	4 2	1 41	18 9	0 36	7 30	1 15	16 50	1 46	1 51	1 16	18 1	15 40	1 22
S 23	19 24	15 57	4 12	20 48	1 53	21 50	0 3	21 11	0 54	20 40	0 56	4 3	1 42	18 9	0 36	7 30	1 15	16 50	1 46	1 55	1 17	18 1	15 40	1 23
S 24	19 11	13 47	3 31	20 52	1 41	21 42	0 1	21 3	0 54	20 42	0 56	4 4	1 42	18 10	0 36	7 30	1 15	16 49	1 46	1 58	1 19	18 1	15 40	1 23
M25	18 58	10 59	2 39	20 55	1 28	21 34	0n 2	20 55	0 54	20 43	0 56	4 5	1 42	18 11	0 36	7 30	1 15	16 49	1 46	2 0	1 20	18 1	15 41	1 23
T 26	18 44	7 42	1 40	20 57	1 16	21 24	0 4	20 47	0 55	20 45	0 56	4 6	1 42	18 11	0 36	7 30	1 15	16 48	1 46	2 2	1 21	18 1	15 41	1 23
W27	18 30	4 1	0 34	20 57	1 3	21 14	0 6	20 38	0 55	20 46	0 56	4 7	1 43	18 12	0 36	7 30	1 15	16 48	1 46	2 3	1 22	18 1	15 41	1 23
T 28	18 16	0 6	0s34	20 55	0 50	21 4	0 9	20 30	0 56	20 48	0 56	4 8	1 43	18 12	0 36	7 30	1 15	16 47	1 46	2 3	1 24	18 1	15 41	1 23
F 29	18 2	3n53	1 41	20 52	0 38	20 53	0 11	20 21	0 56	20 49	0 56	4 10	1 43	18 13	0 37	7 30	1 15	16 47	1 46	2 2	1 25	18 0	15 41	1 23
S 30	17 47	7 46	2 46	20 46	0 26	20 41	0 14	20 12	0 56	20 51	0 56	4 11	1 43	18 14	0 37	7 30	1 15	16 47	1 46	2 2	1 26	18 0	15 42	1 24
S 31	17n31	11n21	3s42	20n39	0s13	20n29	0n16	20n 3	0n57	20n52	0s56	4s12	1s43	18s14	0s37	7n30	1s15	16n46	1n47	2n 2	1n27	18s 0	15n42	1s24

Julian Day Number = 3062412.5, Delta T = 02h32m13s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'16, Lahiri = 47°18'17

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

AUGUST 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 44 34	11♌ 9'45	24♉30	27♋19	29♋59	4♌26	10♊33	23°R19	9°R41	22°R27	18♌44	24°R50	26♍15	6♎43	18♉ 1	M 1
T 2	20 48 30	12° 7'03	8♊45	29°16	1♌13	5° 6	10°43	23♓16	9♒39	22♈27	18°46	24♍48	26°12	6°49	18° 2	T 2
W 3	20 52 27	13° 4'21	23°21	1♌16	2°27	5°46	10°53	23°13	9°36	22°27	18°48	24°44	26° 9	6°56	18° 3	W 3
T 4	20 56 23	14° 1'39	8♋12	3°17	3°40	6°26	11° 3	23°10	9°34	22°26	18°49	24°38	26° 6	7° 3	18° 4	T 4
F 5	21 0 20	14°58'58	23°11	5°21	4°54	7° 7	11°13	23° 7	9°31	22°26	18°51	24°33	26° 2	7° 9	18° 5	F 5
S 6	21 4 16	15°56'17	8♌11	7°26	6° 7	7°47	11°23	23° 4	9°29	22°26	18°52	24°27	25°59	7°16	18° 6	S 6
S 7	21 8 13	16°53'35	23° 1	9°33	7°21	8°27	11°32	23° 1	9°26	22°25	18°54	24°23	25°56	7°23	18° 6	S 7
M 8	21 12 10	17°50'54	7♍34	11°41	8°35	9° 7	11°42	22°58	9°24	22°25	18°56	24°20	25°53	7°30	18° 7	M 8
T 9	21 16 6	18°48'13	21°44	13°49	9°48	9°47	11°51	22°55	9°22	22°24	18°57	24°D19	25°50	7°36	18° 8	T 9
W10	21 20 3	19°45'32	5♎28	15°58	11° 2	10°27	12° 1	22°51	9°19	22°24	18°59	24°19	25°47	7°43	18° 8	W10
T 11	21 23 59	20°42'51	18°46	18° 7	12°16	11° 7	12°10	22°48	9°17	22°23	19° 1	24°21	25°43	7°50	18° 9	T 11
F 12	21 27 56	21°40'10	1♏40	20°16	13°29	11°47	12°19	22°45	9°14	22°23	19° 2	24°22	25°40	7°56	18° 9	F 12
S 13	21 31 52	22°37'29	14°12	22°24	14°43	12°26	12°28	22°41	9°12	22°22	19° 4	24°23	25°37	8° 3	18° 9	S 13
S 14	21 35 49	23°34'49	26°28	24°32	15°57	13° 6	12°37	22°37	9°10	22°21	19° 5	24°R24	25°34	8°10	18°10	S 14
M15	21 39 45	24°32'08	8♐32	26°39	17°11	13°46	12°45	22°34	9° 7	22°21	19° 7	24°23	25°31	8°17	18°10	M15
T 16	21 43 42	25°29'28	20°28	28°45	18°24	14°26	12°54	22°30	9° 5	22°20	19° 9	24°21	25°27	8°23	18°10	T 16
W17	21 47 39	26°26'47	2♑20	0♍50	19°38	15° 5	13° 2	22°26	9° 3	22°19	19°10	24°17	25°24	8°30	18°10	W17
T 18	21 51 35	27°24'08	14°13	2°54	20°52	15°45	13°11	22°22	9° 1	22°18	19°12	24°13	25°21	8°37	18°11	T 18
F 19	21 55 32	28°21'28	26°10	4°56	22° 6	16°25	13°19	22°19	8°58	22°18	19°13	24° 9	25°18	8°43	18°11	F 19
S 20	21 59 28	29°18'49	8♒13	6°56	23°19	17° 4	13°27	22°15	8°56	22°17	19°15	24° 5	25°15	8°50	18°R11	S 20
S 21	22 3 25	0♍16'10	20°24	8°56	24°33	17°44	13°35	22°11	8°54	22°16	19°17	24° 1	25°12	8°57	18°11	S 21
M22	22 7 21	1°13'31	2♓45	10°53	25°47	18°23	13°42	22° 7	8°52	22°15	19°18	23°59	25° 8	9° 4	18°11	M22
T 23	22 11 18	2°10'54	15°16	12°49	27° 1	19° 3	13°50	22° 3	8°50	22°14	19°20	23°57	25° 5	9°10	18°10	T 23
W24	22 15 14	3° 8'16	28° 0	14°43	28°15	19°42	13°58	21°59	8°47	22°13	19°21	23°D57	25° 2	9°17	18°10	W24
T 25	22 19 11	4° 5'40	10♈56	16°36	29°29	20°22	14° 5	21°54	8°45	22°12	19°23	23°58	24°59	9°24	18°10	T 25
F 26	22 23 7	5° 3'05	24° 6	18°27	0♍43	21° 1	14°12	21°50	8°43	22°11	19°25	23°59	24°56	9°30	18°10	F 26
S 27	22 27 4	6° 0'30	7♉29	20°16	1°57	21°40	14°19	21°46	8°41	22°10	19°26	24° 0	24°52	9°37	18° 9	S 27
S 28	22 31 1	6°57'57	21° 8	22° 4	3°11	22°20	14°26	21°42	8°39	22° 9	19°28	24° 1	24°49	9°44	18° 9	S 28
M29	22 34 57	7°55'25	5♊ 2	23°50	4°25	22°59	14°33	21°37	8°37	22° 8	19°29	24°R 2	24°46	9°51	18° 8	M29
T 30	22 38 54	8°52'54	19° 9	25°34	5°38	23°38	14°39	21°33	8°35	22° 7	19°31	24° 2	24°43	9°57	18° 8	T 30
W31	22 42 50	9♍50'24	3♋30	27♍17	6♍53	24♌17	14♊45	21♓29	8♒33	22♈ 6	19♌32	24♍ 1	24♍40	10♎ 4	18♉ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n16	14n24	4s27	20n29	0s 2	20n16	0n19	19n54	0n57	20n54	0s57	4s13	1s43	18s15	0s37	7n30	1s15	16n46	1n47	2n 2	1n29	18s 0	15n42	1s24
T 2	17 0	16 40	4 58	20 17	0n10	20 3	0 21	19 45	0 57	20 55	0 57	4 14	1 44	18 16	0 37	7 29	1 15	16 45	1 47	2 3	1 30	18 0	15 42	1 24
W 3	16 44	17 54	5 9	20 2	0 21	19 49	0 23	19 35	0 58	20 56	0 57	4 16	1 44	18 16	0 37	7 29	1 15	16 45	1 47	2 5	1 31	18 0	15 42	1 24
T 4	16 28	17 58	5 1	19 45	0 32	19 34	0 26	19 26	0 58	20 57	0 57	4 17	1 44	18 17	0 37	7 29	1 15	16 44	1 47	2 7	1 32	17 59	15 42	1 24
F 5	16 12	16 47	4 32	19 26	0 42	19 19	0 28	19 16	0 58	20 59	0 57	4 18	1 44	18 18	0 37	7 29	1 16	16 44	1 47	2 9	1 34	17 59	15 42	1 25
S 6	15 55	14 26	3 44	19 4	0 51	19 4	0 30	19 6	0 59	21 0	0 57	4 20	1 44	18 18	0 37	7 29	1 16	16 43	1 47	2 11	1 35	17 59	15 42	1 25
S 7	15 38	11 10	2 42	18 40	1 0	18 47	0 32	18 56	0 59	21 1	0 57	4 21	1 45	18 19	0 37	7 29	1 16	16 43	1 47	2 13	1 36	17 59	15 42	1 25
M 8	15 21	7 16	1 30	18 13	1 8	18 31	0 35	18 46	0 59	21 2	0 57	4 22	1 45	18 20	0 37	7 28	1 16	16 43	1 47	2 14	1 37	17 59	15 42	1 25
T 9	15 3	3 2	0 14	17 44	1 15	18 13	0 37	18 36	1 0	21 4	0 57	4 24	1 45	18 20	0 37	7 28	1 16	16 42	1 47	2 14	1 39	17 59	15 42	1 25
W10	14 45	1s14	1n 0	17 12	1 22	17 56	0 39	18 25	1 0	21 5	0 57	4 25	1 45	18 21	0 37	7 28	1 16	16 42	1 47	2 14	1 40	17 58	15 42	1 25
T 11	14 27	5 17	2 10	16 39	1 28	17 37	0 41	18 15	1 0	21 6	0 57	4 27	1 45	18 21	0 37	7 28	1 16	16 41	1 47	2 14	1 41	17 58	15 42	1 26
F 12	14 9	8 58	3 10	16 4	1 32	17 19	0 43	18 4	1 1	21 7	0 58	4 28	1 45	18 22	0 37	7 27	1 16	16 41	1 47	2 13	1 42	17 58	15 42	1 26
S 13	13 51	12 8	3 59	15 27	1 37	17 0	0 45	17 53	1 1	21 8	0 58	4 30	1 46	18 23	0 37	7 27	1 16	16 40	1 47	2 13	1 44	17 58	15 42	1 26
S 14	13 32	14 42	4 37	14 48	1 40	16 40	0 47	17 43	1 1	21 9	0 58	4 31	1 46	18 23	0 37	7 27	1 16	16 40	1 47	2 12	1 45	17 58	15 42	1 26
M15	13 13	16 34	5 1	14 8	1 43	16 20	0 49	17 32	1 1	21 10	0 58	4 33	1 46	18 24	0 37	7 27	1 16	16 39	1 47	2 13	1 46	17 57	15 42	1 26
T 16	12 54	17 42	5 12	13 26	1 44	15 59	0 51	17 20	1 2	21 11	0 58	4 35	1 46	18 25	0 37	7 26	1 16	16 39	1 48	2 14	1 47	17 57	15 42	1 26
W17	12 35	18 2	5 10	12 43	1 45	15 38	0 53	17 9	1 2	21 12	0 58	4 36	1 46	18 25	0 37	7 26	1 16	16 39	1 48	2 15	1 49	17 57	15 42	1 26
T 18	12 16	17 36	4 54	12 0	1 46	15 17	0 55	16 58	1 2	21 13	0 58	4 38	1 46	18 26	0 37	7 26	1 16	16 38	1 48	2 17	1 50	17 57	15 42	1 27
F 19	11 56	16 22	4 26	11 15	1 45	14 55	0 57	16 46	1 3	21 14	0 58	4 39	1 47	18 26	0 37	7 25	1 16	16 38	1 48	2 18	1 51	17 57	15 42	1 27
S 20	11 37	14 25	3 45	10 30	1 44	14 32	0 58	16 35	1 3	21 14	0 58	4 41	1 47	18 27	0 37	7 25	1 16	16 37	1 48	2 20	1 52	17 56	15 42	1 27
S 21	11 17	11 48	2 54	9 44	1 42	14 10	1 0	16 23	1 3	21 15	0 58	4 43	1 47	18 27	0 37	7 25	1 16	16 37	1 48	2 21	1 54	17 56	15 41	1 27
M22	10 56	8 38	1 54	8 58	1 40	13 47	1 2	16 11	1 4	21 16	0 59	4 45	1 47	18 28	0 37	7 24	1 16	16 36	1 48	2 22	1 55	17 56	15 41	1 27
T 23	10 36	5 1	0 48	8 11	1 37	13 23	1 3	15 59	1 4	21 17	0 59	4 46	1 47	18 29	0 37	7 24	1 16	16 36	1 48	2 23	1 56	17 56	15 41	1 27
W24	10 16	1 8	0s22	7 24	1 34	12 59	1 5	15 47	1 4	21 18	0 59	4 48	1 47	18 29	0 37	7 24	1 16	16 36	1 48	2 23	1 57	17 55	15 41	1 28
T 25	9 55	2n52	1 32	6 37	1 30	12 35	1 6	15 35	1 4	21 18	0 59	4 50	1 47	18 30	0 37	7 23	1 16	16 35	1 48	2 23	1 59	17 55	15 41	1 28
F 26	9 34	6 48	2 39	5 50	1 25	12 11	1 8	15 23	1 5	21 19	0 59	4 51	1 47	18 30	0 36	7 23	1 16	16 35	1 48	2 22	2 0	17 55	15 40	1 28
S 27	9 14	10 27	3 38	5 3	1 20	11 46	1 9	15 11	1 5	21 20	0 59	4 53	1 48	18 31	0 36	7 22	1 16	16 34	1 48	2 22	2 1	17 55	15 40	1 28
S 28	8 52	13 36	4 26	4 16	1 15	11 21	1 11	14 58	1 5	21 21	0 59	4 55	1 48	18 31	0 36	7 22	1 17	16 34	1 48	2 21	2 2	17 54	15 40	1 28
M29	8 31	16 2	4 59	3 29	1 9	10 55	1 12	14 46	1 5	21 21	0 59	4 57	1 48	18 32	0 36	7 22	1 17	16 34	1 48	2 21	2 4	17 54	15 40	1 28
T 30	8 10	17 33	5 15	2 43	1 3	10 30	1 13	14 33	1 6	21 22	0 59	4 59	1 48	18 32	0 36	7 21	1 17	16 33	1 49	2 21	2 5	17 54	15 39	1 29
W31	7n49	17n59	5s12	1n56	0n56	10n 4	1n14	14n21	1n 6	21n22	1s 0	5s 0	1s48	18s33	0s36	7n21	1s17	16n33	1n49	2n21	2n 6	17s54	15n39	1s29

Julian Day Number = 3062443.5, Delta T = 02h32m14s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'21, Lahiri = 47°18'21

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

SEPTEMBER 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 46 47	10♍47'55	18♋ 0	28♍58	8♍ 7	24♌56	14♊52	21°R24	8°R31	22°R 5	19♌34	24°R 0	24♍37	10♉11	18°R 7	T 1
F 2	22 50 43	11°45'28	2♌35	0♎38	9°21	25°36	14°58	21♓20	8♒29	22♈ 4	19°35	23♍58	24°33	10°18	18♉ 6	F 2
S 3	22 54 40	12°43'01	17°10	2°16	10°35	26°15	15° 4	21°16	8°27	22° 3	19°37	23°57	24°30	10°24	18° 5	S 3
S 4	22 58 36	13°40'36	1♍38	3°52	11°49	26°54	15° 9	21°11	8°25	22° 1	19°38	23°56	24°27	10°31	18° 5	S 4
M 5	23 2 33	14°38'11	15°54	5°27	13° 3	27°33	15°15	21° 7	8°24	22° 0	19°40	23°55	24°24	10°38	18° 4	M 5
T 6	23 6 30	15°35'48	29°52	7° 0	14°17	28°12	15°20	21° 2	8°22	21°59	19°41	23°D55	24°21	10°44	18° 3	T 6
W 7	23 10 26	16°33'25	13♎30	8°32	15°31	28°51	15°26	20°58	8°20	21°58	19°43	23°56	24°18	10°51	18° 2	W 7
T 8	23 14 23	17°31'04	26°46	10° 2	16°45	29°30	15°31	20°53	8°18	21°56	19°44	23°56	24°14	10°58	18° 1	T 8
F 9	23 18 19	18°28'43	9♏41	11°31	17°59	0♍ 9	15°36	20°49	8°17	21°55	19°46	23°57	24°11	11° 5	18° 0	F 9
S 10	23 22 16	19°26'24	22°15	12°58	19°13	0°47	15°40	20°44	8°15	21°54	19°47	23°57	24° 8	11°11	17°59	S 10
S 11	23 26 12	20°24'05	4♐34	14°23	20°28	1°26	15°45	20°40	8°13	21°53	19°49	23°58	24° 5	11°18	17°58	S 11
M12	23 30 9	21°21'47	16°39	15°46	21°42	2° 5	15°49	20°35	8°12	21°51	19°50	23°R58	24° 2	11°25	17°56	M12
T 13	23 34 5	22°19'30	28°36	17° 8	22°56	2°44	15°53	20°31	8°10	21°50	19°52	23°58	23°58	11°31	17°55	T 13
W14	23 38 2	23°17'14	10♑29	18°29	24°10	3°22	15°57	20°26	8° 9	21°48	19°53	23°58	23°55	11°38	17°54	W14
T 15	23 41 59	24°14'59	22°23	19°47	25°24	4° 1	16° 1	20°22	8° 7	21°47	19°54	23°D58	23°52	11°45	17°52	T 15
F 16	23 45 55	25°12'46	4♒22	21° 4	26°39	4°40	16° 5	20°17	8° 6	21°46	19°56	23°58	23°49	11°52	17°51	F 16
S 17	23 49 52	26°10'33	16°29	22°19	27°53	5°18	16° 8	20°13	8° 5	21°44	19°57	23°58	23°46	11°58	17°50	S 17
S 18	23 53 48	27° 8'21	28°48	23°32	29° 7	5°57	16°11	20° 8	8° 3	21°43	19°58	23°58	23°43	12° 5	17°48	S 18
M19	23 57 45	28° 6'10	11♓22	24°42	0♎21	6°36	16°15	20° 4	8° 2	21°41	20° 0	23°58	23°39	12°12	17°47	M19
T 20	0 1 41	29° 4'01	24°10	25°51	1°36	7°14	16°17	20° 0	8° 1	21°40	20° 1	23°R59	23°36	12°18	17°45	T 20
W21	0 5 38	0♎ 1'53	7♈15	26°58	2°50	7°53	16°20	19°55	8° 0	21°38	20° 2	23°58	23°33	12°25	17°43	W21
T 22	0 9 34	0°59'47	20°34	28° 2	4° 4	8°31	16°23	19°51	7°58	21°37	20° 4	23°58	23°30	12°32	17°42	T 22
F 23	0 13 31	1°57'42	4♉ 9	29° 4	5°18	9° 9	16°25	19°46	7°57	21°35	20° 5	23°57	23°27	12°39	17°40	F 23
S 24	0 17 27	2°55'39	17°55	0♏ 4	6°33	9°48	16°27	19°42	7°56	21°34	20° 6	23°56	23°24	12°45	17°38	S 24
S 25	0 21 24	3°53'37	1♊52	1° 1	7°47	10°26	16°29	19°38	7°55	21°32	20° 8	23°55	23°20	12°52	17°36	S 25
M26	0 25 21	4°51'37	15°57	1°55	9° 1	11° 5	16°31	19°33	7°54	21°30	20° 9	23°54	23°17	12°59	17°34	M26
T 27	0 29 17	5°49'40	0♋ 7	2°46	10°16	11°43	16°32	19°29	7°53	21°29	20°10	23°D54	23°14	13° 5	17°33	T 27
W28	0 33 14	6°47'44	14°21	3°34	11°30	12°21	16°34	19°25	7°52	21°27	20°11	23°54	23°11	13°12	17°31	W28
T 29	0 37 10	7°45'49	28°35	4°19	12°44	12°59	16°35	19°21	7°52	21°26	20°12	23°54	23° 8	13°19	17°29	T 29
F 30	0 41 7	8♎43'57	12♌47	5♏ 0	13♎59	13♍38	16♊36	19♓17	7♒51	21♈24	20♌14	23♍55	23♍ 4	13♉26	17♉27	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7n27	17n15	4s49	1n10	0n50	9n37	1n15	14n 8	1n 6	21n23	1s 0	5s 2	1s48	18s33	0s36	7n20	1s17	16n32	1n49	2n22	2n 7	17s53	15n39	1s29	T 1
F 2	7 5	15 23	4 7	0 24	0 42	9 11	1 16	13 55	1 6	21 24	1 0	5 4	1 48	18 34	0 36	7 20	1 17	16 32	1 49	2 22	2 9	17 53	15 38	1 29	F 2
S 3	6 44	12 32	3 10	0s21	0 35	8 44	1 17	13 42	1 7	21 24	1 0	5 6	1 48	18 34	0 36	7 19	1 17	16 31	1 49	2 23	2 10	17 53	15 38	1 29	S 3
S 4	6 22	8 55	2 0	1 6	0 27	8 17	1 18	13 29	1 7	21 25	1 0	5 8	1 48	18 35	0 36	7 19	1 17	16 31	1 49	2 23	2 11	17 53	15 38	1 29	S 4
M 5	6 0	4 50	0 44	1 51	0 20	7 49	1 19	13 16	1 7	21 25	1 0	5 9	1 49	18 35	0 36	7 18	1 17	16 31	1 49	2 24	2 12	17 52	15 37	1 30	M 5
T 6	5 38	0 33	0n33	2 35	0 11	7 22	1 20	13 3	1 7	21 25	1 0	5 11	1 49	18 36	0 36	7 18	1 17	16 30	1 49	2 24	2 14	17 52	15 37	1 30	T 6
W 7	5 16	3s39	1 46	3 18	0 3	6 54	1 21	12 50	1 8	21 26	1 0	5 13	1 49	18 36	0 36	7 17	1 17	16 30	1 49	2 23	2 15	17 52	15 36	1 30	W 7
T 8	4 53	7 33	2 52	4 1	0s 5	6 26	1 22	12 36	1 8	21 26	1 1	5 15	1 49	18 37	0 36	7 17	1 17	16 30	1 49	2 23	2 16	17 52	15 36	1 30	T 8
F 9	4 31	10 59	3 47	4 44	0 14	5 58	1 22	12 23	1 8	21 27	1 1	5 17	1 49	18 37	0 36	7 16	1 17	16 29	1 49	2 23	2 17	17 51	15 36	1 30	F 9
S 10	4 9	13 49	4 30	5 26	0 23	5 30	1 23	12 10	1 8	21 27	1 1	5 19	1 49	18 37	0 36	7 16	1 17	16 29	1 49	2 23	2 19	17 51	15 35	1 30	S 10
S 11	3 46	15 57	4 59	6 7	0 32	5 2	1 23	11 56	1 9	21 27	1 1	5 20	1 49	18 38	0 36	7 15	1 17	16 28	1 50	2 23	2 20	17 51	15 35	1 30	S 11
M12	3 24	17 21	5 15	6 47	0 41	4 33	1 24	11 43	1 9	21 28	1 1	5 22	1 49	18 38	0 36	7 15	1 17	16 28	1 50	2 23	2 21	17 51	15 34	1 31	M12
T 13	3 1	17 57	5 16	7 27	0 50	4 4	1 24	11 29	1 9	21 28	1 1	5 24	1 49	18 39	0 36	7 14	1 17	16 28	1 50	2 23	2 22	17 50	15 34	1 31	T 13
W14	2 39	17 46	5 4	8 6	0 59	3 35	1 25	11 15	1 9	21 28	1 1	5 26	1 49	18 39	0 36	7 14	1 17	16 27	1 50	2 23	2 24	17 50	15 33	1 31	W14
T 15	2 16	16 47	4 39	8 44	1 9	3 7	1 25	11 2	1 9	21 29	1 1	5 28	1 49	18 39	0 36	7 13	1 17	16 27	1 50	2 23	2 25	17 50	15 33	1 31	T 15
F 16	1 53	15 5	4 2	9 21	1 18	2 37	1 25	10 48	1 10	21 29	1 2	5 29	1 49	18 40	0 36	7 13	1 17	16 27	1 50	2 23	2 26	17 49	15 32	1 31	F 16
S 17	1 30	12 40	3 13	9 58	1 27	2 8	1 25	10 34	1 10	21 29	1 2	5 31	1 49	18 40	0 36	7 12	1 17	16 26	1 50	2 23	2 27	17 49	15 32	1 31	S 17
S 18	1 8	9 40	2 15	10 33	1 37	1 39	1 25	10 20	1 10	21 29	1 2	5 33	1 49	18 40	0 36	7 12	1 17	16 26	1 50	2 22	2 29	17 49	15 31	1 32	S 18
M19	0 45	6 10	1 9	11 8	1 46	1 10	1 25	10 6	1 10	21 30	1 2	5 35	1 49	18 41	0 36	7 11	1 17	16 26	1 50	2 22	2 30	17 48	15 30	1 32	M19
T 20	0 22	2 19	0s 1	11 42	1 55	0 41	1 25	9 52	1 10	21 30	1 2	5 36	1 49	18 41	0 36	7 10	1 17	16 25	1 50	2 22	2 31	17 48	15 30	1 32	T 20
W21	0s 1	1n44	1 13	12 14	2 5	0 11	1 25	9 38	1 11	21 30	1 2	5 38	1 49	18 41	0 36	7 10	1 17	16 25	1 50	2 22	2 32	17 48	15 29	1 32	W21
T 22	0 24	5 46	2 22	12 46	2 14	0s18	1 25	9 24	1 11	21 30	1 2	5 40	1 49	18 41	0 36	7 9	1 17	16 25	1 51	2 23	2 34	17 48	15 29	1 32	T 22
F 23	0 46	9 34	3 25	13 16	2 23	0 48	1 24	9 10	1 11	21 30	1 2	5 42	1 49	18 42	0 36	7 9	1 17	16 24	1 51	2 23	2 35	17 47	15 28	1 32	F 23
S 24	1 9	12 55	4 16	13 46	2 32	1 17	1 24	8 56	1 11	21 30	1 3	5 43	1 49	18 42	0 36	7 8	1 17	16 24	1 51	2 23	2 36	17 47	15 27	1 32	S 24
S 25	1 32	15 33	4 53	14 14	2 41	1 47	1 24	8 41	1 11	21 30	1 3	5 45	1 49	18 42	0 36	7 7	1 17	16 24	1 51	2 24	2 37	17 47	15 27	1 33	S 25
M26	1 55	17 18	5 13	14 41	2 49	2 16	1 23	8 27	1 12	21 30	1 3	5 47	1 50	18 42	0 36	7 7	1 17	16 23	1 51	2 24	2 39	17 46	15 26	1 33	M26
T 27	2 18	17 59	5 14	15 6	2 58	2 45	1 23	8 13	1 12	21 30	1 3	5 48	1 50	18 43	0 36	7 6	1 17	16 23	1 51	2 24	2 40	17 46	15 26	1 33	T 27
W28	2 40	17 33	4 57	15 30	3 6	3 15	1 22	7 59	1 12	21 30	1 3	5 50	1 50	18 43	0 36	7 6	1 17	16 23	1 51	2 24	2 41	17 46	15 25	1 33	W28
T 29	3 3	16 0	4 20	15 53	3 14	3 44	1 22	7 44	1 12	21 30	1 3	5 52	1 50	18 43	0 36	7 5	1 17	16 23	1 51	2 24	2 42	17 45	15 24	1 33	T 29
F 30	3s26	13n29	3s28	16s14	3s21	4s13	1n21	7n30	1n12	21n30	1s 3	5s53	1s50	18s43	0s36	7n 4	1s17	16n22	1n51	2n24	2n44	17s45	15n23	1s33	F 30

Julian Day Number = 3062474.5, Delta T = 02h32m15s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'25, Lahiri = 47°18'26

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

OCTOBER 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 45 3	9♎42'07	26♌54	5♏37	15♎13	14♍16	16♊36	19°R13	7°R50	21°R23	20♌15	23♍56	23♍ 1	13♉32	17°R25	S 1
S 2	0 49 0	10°40'18	10♍55	6°10	16°27	14°54	16°37	19♓ 9	7♒49	21♈21	20°16	23°57	22°58	13°39	17♉23	S 2
M 3	0 52 56	11°38'31	24°45	6°39	17°42	15°32	16°37	19° 5	7°49	21°19	20°17	23°R58	22°55	13°46	17°20	M 3
T 4	0 56 53	12°36'46	8♎22	7° 2	18°56	16°10	16°R37	19° 1	7°48	21°18	20°18	23°57	22°52	13°52	17°18	T 4
W 5	1 0 50	13°35'02	21°45	7°21	20°11	16°48	16°37	18°57	7°48	21°16	20°19	23°56	22°49	13°59	17°16	W 5
T 6	1 4 46	14°33'20	4♏50	7°35	21°25	17°26	16°37	18°53	7°47	21°14	20°20	23°53	22°45	14° 6	17°14	T 6
F 7	1 8 43	15°31'40	17°39	7°43	22°40	18° 4	16°37	18°49	7°47	21°13	20°21	23°50	22°42	14°13	17°11	F 7
S 8	1 12 39	16°30'01	0♐11	7°R45	23°54	18°42	16°36	18°45	7°46	21°11	20°22	23°47	22°39	14°19	17° 9	S 8
S 9	1 16 36	17°28'24	12°29	7°41	25° 8	19°20	16°35	18°42	7°46	21° 9	20°23	23°43	22°36	14°26	17° 7	S 9
M10	1 20 32	18°26'49	24°34	7°30	26°23	19°58	16°34	18°38	7°46	21° 8	20°24	23°40	22°33	14°33	17° 4	M10
T 11	1 24 29	19°25'14	6♑31	7°12	27°37	20°36	16°33	18°35	7°45	21° 6	20°25	23°38	22°29	14°39	17° 2	T 11
W12	1 28 25	20°23'42	18°23	6°48	28°52	21°14	16°31	18°31	7°45	21° 4	20°26	23°D38	22°26	14°46	17° 0	W12
T 13	1 32 22	21°22'11	0♒16	6°16	0♏ 6	21°52	16°30	18°28	7°45	21° 3	20°27	23°38	22°23	14°53	16°57	T 13
F 14	1 36 18	22°20'41	12°15	5°38	1°21	22°30	16°28	18°24	7°45	21° 1	20°28	23°39	22°20	15° 0	16°55	F 14
S 15	1 40 15	23°19'14	24°24	4°53	2°35	23° 7	16°26	18°21	7°45	20°59	20°29	23°41	22°17	15° 6	16°52	S 15
S 16	1 44 12	24°17'47	6♓47	4° 2	3°50	23°45	16°23	18°18	7°D45	20°58	20°30	23°42	22°14	15°13	16°50	S 16
M17	1 48 8	25°16'22	19°28	3° 6	5° 4	24°23	16°21	18°15	7°45	20°56	20°30	23°R43	22°10	15°20	16°47	M17
T 18	1 52 5	26°14'59	2♈29	2° 6	6°18	25° 1	16°18	18°12	7°45	20°55	20°31	23°43	22° 7	15°26	16°44	T 18
W19	1 56 1	27°13'38	15°52	1° 2	7°33	25°38	16°15	18° 9	7°45	20°53	20°32	23°41	22° 4	15°33	16°42	W19
T 20	1 59 58	28°12'18	29°36	29♎56	8°47	26°16	16°12	18° 6	7°45	20°51	20°33	23°38	22° 1	15°40	16°39	T 20
F 21	2 3 54	29°11'01	13♉37	28°50	10° 2	26°53	16° 9	18° 3	7°46	20°50	20°33	23°33	21°58	15°46	16°37	F 21
S 22	2 7 51	0♏ 9'45	27°53	27°45	11°16	27°31	16° 6	18° 0	7°46	20°48	20°34	23°28	21°55	15°53	16°34	S 22
S 23	2 11 47	1° 8'31	12♊16	26°43	12°31	28° 8	16° 2	17°58	7°46	20°46	20°35	23°22	21°51	16° 0	16°31	S 23
M24	2 15 44	2° 7'20	26°43	25°46	13°45	28°46	15°58	17°55	7°47	20°45	20°36	23°17	21°48	16° 7	16°28	M24
T 25	2 19 41	3° 6'11	11♋ 6	24°56	15° 0	29°23	15°54	17°52	7°47	20°43	20°36	23°14	21°45	16°13	16°26	T 25
W26	2 23 37	4° 5'04	25°24	24°13	16°14	0♎ 1	15°50	17°50	7°48	20°42	20°37	23°12	21°42	16°20	16°23	W26
T 27	2 27 34	5° 3'59	9♌32	23°38	17°29	0°38	15°46	17°48	7°48	20°40	20°37	23°D11	21°39	16°27	16°20	T 27
F 28	2 31 30	6° 2'56	23°30	23°13	18°43	1°16	15°41	17°45	7°49	20°38	20°38	23°12	21°35	16°33	16°17	F 28
S 29	2 35 27	7° 1'56	7♍17	22°59	19°58	1°53	15°37	17°43	7°49	20°37	20°39	23°14	21°32	16°40	16°15	S 29
S 30	2 39 23	8° 0'58	20°52	22°D55	21°12	2°30	15°32	17°41	7°50	20°35	20°39	23°R14	21°29	16°47	16°12	S 30
M31	2 43 20	9♏ 0'02	4♎16	23♎ 1	22♏27	3♎ 8	15♊27	17♓39	7♒51	20♈34	20♌40	23♍14	21♍26	16♉54	16♉ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s49	10n10	2 s24	16 s33	3 s29	4 s42	1n20	7n15	1n13	21n30	1 s 3	5 s55	1 s50	18 s43	0 s36	7n 4	1 s17	16n22	1n51	2n23	2n45	17 s45	15n23	1 s33
S 2	4 11	6 18	1 11	16 50	3 35	5 12	1 19	7 1	1 13	21 30	1 4	5 56	1 49	18 44	0 36	7 3	1 17	16 22	1 51	2 23	2 46	17 44	15 22	1 34
M 3	4 34	2 8	0n 4	17 6	3 41	5 40	1 18	6 46	1 13	21 30	1 4	5 58	1 49	18 44	0 36	7 3	1 17	16 22	1 52	2 23	2 47	17 44	15 21	1 34
T 4	4 56	2 s 5	1 19	17 19	3 47	6 9	1 17	6 32	1 13	21 30	1 4	5 59	1 49	18 44	0 36	7 2	1 17	16 21	1 52	2 23	2 48	17 44	15 21	1 34
W 5	5 19	6 7	2 27	17 30	3 52	6 38	1 16	6 17	1 13	21 30	1 4	6 1	1 49	18 44	0 36	7 1	1 17	16 21	1 52	2 23	2 50	17 43	15 20	1 34
T 6	5 41	9 46	3 26	17 38	3 56	7 7	1 15	6 3	1 13	21 30	1 4	6 2	1 49	18 44	0 36	7 1	1 18	16 21	1 52	2 24	2 51	17 43	15 19	1 34
F 7	6 4	12 52	4 14	17 44	4 0	7 35	1 14	5 48	1 13	21 30	1 4	6 4	1 49	18 44	0 36	7 0	1 18	16 21	1 52	2 26	2 52	17 43	15 18	1 34
S 8	6 26	15 19	4 48	17 47	4 2	8 4	1 13	5 34	1 14	21 29	1 4	6 5	1 49	18 44	0 36	7 0	1 18	16 20	1 52	2 27	2 53	17 42	15 18	1 34
S 9	6 48	17 0	5 8	17 47	4 4	8 32	1 12	5 19	1 14	21 29	1 4	6 7	1 49	18 44	0 36	6 59	1 18	16 20	1 52	2 28	2 55	17 42	15 17	1 34
M10	7 10	17 53	5 14	17 44	4 4	9 0	1 10	5 4	1 14	21 29	1 4	6 8	1 49	18 44	0 36	6 58	1 18	16 20	1 52	2 29	2 56	17 41	15 16	1 35
T 11	7 32	17 58	5 6	17 37	4 3	9 27	1 9	4 50	1 14	21 29	1 5	6 9	1 49	18 44	0 36	6 58	1 18	16 20	1 52	2 30	2 57	17 41	15 15	1 35
W12	7 54	17 16	4 45	17 27	4 0	9 55	1 8	4 35	1 14	21 28	1 5	6 11	1 49	18 44	0 36	6 57	1 18	16 20	1 53	2 31	2 58	17 41	15 14	1 35
T 13	8 16	15 48	4 12	17 12	3 56	10 22	1 6	4 20	1 14	21 28	1 5	6 12	1 49	18 44	0 36	6 56	1 18	16 19	1 53	2 30	3 0	17 40	15 14	1 35
F 14	8 37	13 38	3 28	16 54	3 51	10 49	1 5	4 6	1 14	21 28	1 5	6 13	1 49	18 44	0 36	6 56	1 18	16 19	1 53	2 30	3 1	17 40	15 13	1 35
S 15	8 59	10 51	2 34	16 32	3 43	11 16	1 3	3 51	1 15	21 28	1 5	6 14	1 49	18 44	0 36	6 55	1 18	16 19	1 53	2 29	3 2	17 40	15 12	1 35
S 16	9 20	7 32	1 31	16 6	3 34	11 43	1 1	3 36	1 15	21 27	1 5	6 16	1 49	18 44	0 36	6 55	1 18	16 19	1 53	2 29	3 3	17 39	15 11	1 35
M17	9 41	3 47	0 23	15 37	3 23	12 9	1 0	3 22	1 15	21 27	1 5	6 17	1 49	18 44	0 36	6 54	1 18	16 19	1 53	2 28	3 5	17 39	15 10	1 35
T 18	10 3	0n15	0 s48	15 4	3 10	12 35	0 58	3 7	1 15	21 27	1 5	6 18	1 49	18 44	0 36	6 53	1 18	16 18	1 53	2 28	3 6	17 38	15 10	1 36
W19	10 24	4 22	1 58	14 28	2 55	13 1	0 56	2 52	1 15	21 26	1 5	6 19	1 49	18 44	0 36	6 53	1 18	16 18	1 53	2 29	3 7	17 38	15 9	1 36
T 20	10 44	8 22	3 3	13 49	2 39	13 26	0 54	2 38	1 15	21 26	1 5	6 20	1 49	18 44	0 35	6 52	1 18	16 18	1 53	2 30	3 8	17 38	15 8	1 36
F 21	11 5	11 59	3 58	13 9	2 21	13 52	0 53	2 23	1 15	21 25	1 6	6 21	1 49	18 44	0 35	6 51	1 18	16 18	1 53	2 32	3 10	17 37	15 7	1 36
S 22	11 26	14 57	4 40	12 29	2 2	14 16	0 51	2 8	1 15	21 25	1 6	6 22	1 49	18 44	0 35	6 51	1 18	16 18	1 54	2 34	3 11	17 37	15 6	1 36
S 23	11 46	17 2	5 4	11 48	1 42	14 41	0 49	1 53	1 16	21 24	1 6	6 23	1 49	18 44	0 35	6 50	1 18	16 18	1 54	2 37	3 12	17 36	15 5	1 36
M24	12 6	18 1	5 10	11 8	1 22	15 5	0 47	1 39	1 16	21 24	1 6	6 24	1 48	18 44	0 35	6 50	1 18	16 18	1 54	2 39	3 13	17 36	15 4	1 36
T 25	12 26	17 51	4 55	10 31	1 1	15 29	0 45	1 24	1 16	21 24	1 6	6 25	1 48	18 44	0 35	6 49	1 18	16 18	1 54	2 40	3 15	17 36	15 4	1 36
W26	12 46	16 33	4 23	9 56	0 41	15 52	0 43	1 9	1 16	21 23	1 6	6 26	1 48	18 43	0 35	6 49	1 18	16 18	1 54	2 41	3 16	17 35	15 3	1 36
T 27	13 6	14 15	3 34	9 25	0 21	16 15	0 40	0 55	1 16	21 23	1 6	6 27	1 48	18 43	0 35	6 48	1 18	16 17	1 54	2 41	3 17	17 35	15 2	1 37
F 28	13 25	11 8	2 34	8 58	0 2	16 37	0 38	0 40	1 16	21 22	1 6	6 27	1 48	18 43	0 35	6 47	1 18	16 17	1 54	2 40	3 18	17 34	15 1	1 37
S 29	13 44	7 26	1 25	8 36	0n16	16 59	0 36	0 26	1 16	21 21	1 6	6 28	1 48	18 43	0 35	6 47	1 18	16 17	1 54	2 40	3 20	17 34	15 0	1 37
S 30	14 3	3 23	0 13	8 19	0 33	17 21	0 34	0 11	1 16	21 21	1 6	6 29	1 48	18 43	0 35	6 46	1 18	16 17	1 54	2 40	3 21	17 34	14 59	1 37
M31	14 s22	0 s47	0n59	8 s 7	0n48	17 s42	0n32	0 s 4	1n16	21n20	1 s 6	6 s30	1 s48	18 s42	0 s35	6n46	1 s18	16n17	1n55	2n40	3n22	17 s33	14n58	1 s37

Julian Day Number = 3062504.5, Delta T = 02h32m15s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'29, Lahiri = 47°18'30

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

NOVEMBER 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 47 16	9♏59'08	17♎30	23♎18	23♏41	3♎45	15°R21	17°R37	7♒52	20°R32	20♌40	23°R11	21♍23	17♉ 0	16°R 6	T 1
W 2	2 51 13	10°58'16	0♏31	23°45	24°56	4°22	15♊16	17♓36	7°53	20♈31	20°41	23♍ 6	21°20	17° 7	16♋ 3	W 2
T 3	2 55 10	11°57'26	13°20	24°22	26°10	4°59	15°10	17°34	7°53	20°29	20°41	22°59	21°16	17°14	16° 1	T 3
F 4	2 59 6	12°56'38	25°56	25° 7	27°25	5°36	15° 5	17°32	7°54	20°28	20°41	22°51	21°13	17°20	15°58	F 4
S 5	3 3 3	13°55'52	8♐21	26° 0	28°39	6°14	14°59	17°31	7°55	20°26	20°42	22°41	21°10	17°27	15°55	S 5
S 6	3 6 59	14°55'08	20°33	27° 1	29°54	6°51	14°53	17°29	7°57	20°25	20°42	22°31	21° 7	17°34	15°52	S 6
M 7	3 10 56	15°54'26	2♑35	28° 9	1♐ 8	7°28	14°47	17°28	7°58	20°23	20°42	22°22	21° 4	17°41	15°49	M 7
T 8	3 14 52	16°53'46	14°30	29°22	2°23	8° 5	14°40	17°27	7°59	20°22	20°43	22°15	21° 1	17°47	15°46	T 8
W 9	3 18 49	17°53'07	26°20	0♏40	3°37	8°42	14°34	17°26	8° 0	20°20	20°43	22°11	20°57	17°54	15°44	W 9
T 10	3 22 45	18°52'30	8♒11	2° 3	4°52	9°19	14°27	17°25	8° 1	20°19	20°43	22° 8	20°54	18° 1	15°41	T 10
F 11	3 26 42	19°51'54	20° 7	3°29	6° 6	9°56	14°21	17°24	8° 3	20°17	20°44	22°D 7	20°51	18° 7	15°38	F 11
S 12	3 30 39	20°51'21	2♓13	4°58	7°21	10°33	14°14	17°23	8° 4	20°16	20°44	22° 8	20°48	18°14	15°35	S 12
S 13	3 34 35	21°50'48	14°34	6°31	8°36	11°10	14° 7	17°22	8° 5	20°15	20°44	22° 9	20°45	18°21	15°32	S 13
M14	3 38 32	22°50'18	27°16	8° 5	9°50	11°46	14° 0	17°22	8° 7	20°13	20°44	22°R 9	20°41	18°27	15°30	M14
T 15	3 42 28	23°49'49	10♈22	9°41	11° 5	12°23	13°53	17°21	8° 8	20°12	20°44	22° 7	20°38	18°34	15°27	T 15
W16	3 46 25	24°49'22	23°54	11°18	12°19	13° 0	13°45	17°21	8°10	20°11	20°44	22° 3	20°35	18°41	15°24	W16
T 17	3 50 21	25°48'57	7♉53	12°56	13°34	13°37	13°38	17°20	8°11	20° 9	20°44	21°57	20°32	18°48	15°21	T 17
F 18	3 54 18	26°48'34	22°16	14°36	14°48	14°13	13°30	17°20	8°13	20° 8	20°44	21°48	20°29	18°54	15°18	F 18
S 19	3 58 14	27°48'12	6♊57	16°15	16° 3	14°50	13°23	17°20	8°15	20° 7	20°45	21°38	20°26	19° 1	15°16	S 19
S 20	4 2 11	28°47'53	21°49	17°55	17°17	15°27	13°15	17°D20	8°17	20° 6	20°R45	21°28	20°22	19° 8	15°13	S 20
M21	4 6 7	29°47'35	6♋42	19°36	18°32	16° 3	13° 8	17°20	8°18	20° 5	20°45	21°18	20°19	19°14	15°10	M21
T 22	4 10 4	0♐47'20	21°28	21°16	19°46	16°40	13° 0	17°20	8°20	20° 3	20°44	21°11	20°16	19°21	15° 7	T 22
W23	4 14 1	1°47'07	6♌ 1	22°56	21° 1	17°16	12°52	17°20	8°22	20° 2	20°44	21° 6	20°13	19°28	15° 5	W23
T 24	4 17 57	2°46'56	20°16	24°37	22°15	17°53	12°44	17°21	8°24	20° 1	20°44	21° 4	20°10	19°35	15° 2	T 24
F 25	4 21 54	3°46'47	4♍12	26°17	23°30	18°29	12°36	17°21	8°26	20° 0	20°44	21°D 3	20° 6	19°41	14°59	F 25
S 26	4 25 50	4°46'40	17°49	27°57	24°44	19° 6	12°28	17°22	8°28	19°59	20°44	21°R 3	20° 3	19°48	14°57	S 26
S 27	4 29 47	5°46'35	1♎10	29°36	25°59	19°42	12°20	17°23	8°30	19°58	20°44	21° 3	20° 0	19°55	14°54	S 27
M28	4 33 43	6°46'33	14°15	1♐15	27°13	20°18	12°12	17°23	8°32	19°57	20°44	21° 1	19°57	20° 1	14°52	M28
T 29	4 37 40	7°46'32	27° 8	2°54	28°28	20°55	12° 4	17°24	8°34	19°56	20°43	20°56	19°54	20° 8	14°49	T 29
W30	4 41 36	8♐46'33	9♏49	4♐33	29♐42	21♎31	11♊56	17♓25	8♒36	19♈55	20♌43	20♍49	19♍51	20♉15	14♋46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s41	4s51	2n 7	8s 0	1n 2	18s 3	0n29	0s18	1n17	21n20	1s 6	6s30	1s48	18s42	0s35	6n45	1s18	16n17	1n55	2n41	3n23	17s33	14n57	1s37
W 2	14 59	8 37	3 7	7 59	1 15	18 23	0 27	0 33	1 17	21 19	1 6	6 31	1 48	18 42	0 35	6 44	1 18	16 17	1 55	2 43	3 25	17 32	14 56	1 37
T 3	15 17	11 56	3 56	8 2	1 26	18 43	0 25	0 47	1 17	21 18	1 6	6 31	1 48	18 42	0 35	6 44	1 18	16 17	1 55	2 46	3 26	17 32	14 56	1 37
F 4	15 35	14 38	4 33	8 9	1 35	19 3	0 22	1 2	1 17	21 18	1 6	6 32	1 47	18 41	0 35	6 43	1 17	16 17	1 55	2 49	3 27	17 31	14 55	1 37
S 5	15 53	16 37	4 56	8 21	1 43	19 21	0 20	1 16	1 17	21 17	1 6	6 32	1 47	18 41	0 35	6 43	1 17	16 17	1 55	2 53	3 28	17 31	14 54	1 37
S 6	16 10	17 48	5 6	8 37	1 49	19 40	0 17	1 31	1 17	21 16	1 6	6 33	1 47	18 41	0 35	6 42	1 17	16 17	1 55	2 57	3 30	17 30	14 53	1 37
M 7	16 27	18 11	5 1	8 56	1 54	19 57	0 15	1 45	1 17	21 16	1 6	6 33	1 47	18 41	0 35	6 42	1 17	16 17	1 55	3 0	3 31	17 30	14 52	1 38
T 8	16 44	17 45	4 43	9 18	1 58	20 15	0 12	2 0	1 17	21 15	1 7	6 34	1 47	18 40	0 35	6 41	1 17	16 17	1 56	3 3	3 32	17 30	14 51	1 38
W 9	17 0	16 32	4 14	9 43	2 1	20 31	0 10	2 14	1 17	21 14	1 7	6 34	1 47	18 40	0 35	6 41	1 17	16 17	1 56	3 5	3 33	17 29	14 50	1 38
T 10	17 17	14 37	3 33	10 10	2 2	20 47	0 7	2 28	1 17	21 13	1 7	6 34	1 47	18 40	0 35	6 40	1 17	16 17	1 56	3 6	3 34	17 29	14 49	1 38
F 11	17 33	12 4	2 43	10 38	2 3	21 3	0 5	2 43	1 17	21 13	1 7	6 35	1 47	18 39	0 35	6 40	1 17	16 17	1 56	3 6	3 36	17 28	14 49	1 38
S 12	17 48	8 58	1 45	11 9	2 2	21 18	0 2	2 57	1 17	21 12	1 7	6 35	1 47	18 39	0 35	6 39	1 17	16 17	1 56	3 6	3 37	17 28	14 48	1 38
S 13	18 4	5 24	0 40	11 40	2 1	21 32	0s 0	3 11	1 17	21 11	1 7	6 35	1 47	18 38	0 35	6 39	1 17	16 17	1 56	3 5	3 38	17 27	14 47	1 38
M14	18 19	1 30	0s27	12 12	1 59	21 46	0 3	3 25	1 17	21 10	1 7	6 35	1 46	18 38	0 35	6 38	1 17	16 17	1 56	3 5	3 39	17 27	14 46	1 38
T 15	18 34	2n36	1 36	12 45	1 56	21 59	0 5	3 40	1 18	21 9	1 7	6 35	1 46	18 38	0 35	6 38	1 17	16 17	1 56	3 6	3 41	17 26	14 45	1 38
W16	18 48	6 42	2 41	13 18	1 52	22 12	0 8	3 54	1 18	21 9	1 7	6 35	1 46	18 37	0 35	6 37	1 17	16 17	1 56	3 7	3 42	17 26	14 44	1 38
T 17	19 2	10 34	3 38	13 51	1 48	22 23	0 10	4 8	1 18	21 8	1 7	6 35	1 46	18 37	0 35	6 37	1 17	16 17	1 57	3 10	3 43	17 25	14 43	1 38
F 18	19 16	13 55	4 24	14 25	1 44	22 35	0 13	4 22	1 18	21 7	1 6	6 35	1 46	18 36	0 35	6 36	1 17	16 18	1 57	3 13	3 44	17 25	14 42	1 38
S 19	19 29	16 28	4 53	14 58	1 39	22 45	0 16	4 36	1 18	21 6	1 6	6 35	1 46	18 36	0 35	6 36	1 17	16 18	1 57	3 17	3 46	17 24	14 42	1 38
S 20	19 43	17 56	5 2	15 31	1 34	22 55	0 18	4 50	1 18	21 5	1 6	6 35	1 46	18 35	0 35	6 36	1 17	16 18	1 57	3 21	3 47	17 24	14 41	1 38
M21	19 55	18 12	4 52	16 3	1 28	23 4	0 21	5 4	1 18	21 4	1 6	6 35	1 46	18 35	0 35	6 35	1 17	16 18	1 57	3 25	3 48	17 24	14 40	1 39
T 22	20 8	17 13	4 22	16 35	1 23	23 13	0 23	5 17	1 18	21 3	1 6	6 35	1 45	18 34	0 35	6 35	1 17	16 18	1 57	3 28	3 49	17 23	14 39	1 39
W23	20 20	15 7	3 35	17 6	1 17	23 21	0 26	5 31	1 18	21 2	1 6	6 35	1 45	18 34	0 35	6 34	1 17	16 18	1 57	3 30	3 51	17 23	14 38	1 39
T 24	20 32	12 8	2 36	17 37	1 10	23 28	0 28	5 45	1 18	21 1	1 6	6 34	1 45	18 33	0 35	6 34	1 17	16 18	1 57	3 31	3 52	17 22	14 37	1 39
F 25	20 43	8 31	1 28	18 7	1 4	23 35	0 31	5 59	1 18	21 0	1 6	6 34	1 45	18 33	0 35	6 33	1 17	16 18	1 57	3 31	3 53	17 22	14 37	1 39
S 26	20 54	4 30	0 17	18 35	0 57	23 40	0 33	6 12	1 18	21 0	1 6	6 34	1 45	18 32	0 35	6 33	1 17	16 19	1 58	3 31	3 54	17 21	14 36	1 39
S 27	21 4	0 21	0n53	19 4	0 51	23 46	0 36	6 26	1 18	20 59	1 6	6 33	1 45	18 32	0 35	6 33	1 17	16 19	1 58	3 31	3 56	17 21	14 35	1 39
M28	21 15	3s44	2 0	19 31	0 44	23 50	0 38	6 40	1 18	20 58	1 6	6 33	1 45	18 31	0 35	6 32	1 17	16 19	1 58	3 32	3 57	17 20	14 34	1 39
T 29	21 24	7 35	2 58	19 57	0 37	23 54	0 41	6 53	1 18	20 57	1 6	6 32	1 45	18 31	0 35	6 32	1 17	16 19	1 58	3 34	3 58	17 20	14 33	1 39
W30	21s34	11s 1	3n47	20s22	0n30	23s57	0s43	7s 6	1n18	20n56	1s 6	6s32	1s44	18s30	0s35	6n32	1s17	16n19	1n58	3n37	3n59	17s19	14n33	1s39

Julian Day Number = 3062535.5, Delta T = 02h32m16s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'34, Lahiri = 47°18'34

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ASTRODIENST EPHEMERIS for the year 3672
geocentric

DECEMBER 3672 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 45 33	9♐46'37	22♏20	6♐11	0♑57	22♎ 7	11°R48	17♓26	8♒39	19°R54	20°R43	20°R38	19♍47	20♑21	14°R44	T 1
F 2	4 49 30	10°46'42	4♐42	7°49	2°11	22°44	11♊39	17°28	8°41	19♈53	20♌43	20♍25	19°44	20°28	14♉41	F 2
S 3	4 53 26	11°46'49	16°55	9°26	3°26	23°20	11°31	17°29	8°43	19°52	20°42	20°11	19°41	20°35	14°39	S 3
S 4	4 57 23	12°46'58	29° 0	11° 3	4°40	23°56	11°23	17°30	8°46	19°51	20°42	19°56	19°38	20°42	14°37	S 4
M 5	5 1 19	13°47'08	10♑57	12°40	5°55	24°32	11°15	17°32	8°48	19°51	20°42	19°43	19°35	20°48	14°34	M 5
T 6	5 5 16	14°47'20	22°49	14°17	7° 9	25° 8	11° 7	17°33	8°50	19°50	20°41	19°32	19°32	20°55	14°32	T 6
W 7	5 9 12	15°47'34	4♒37	15°53	8°24	25°44	10°59	17°35	8°53	19°49	20°41	19°23	19°28	21° 2	14°29	W 7
T 8	5 13 9	16°47'49	16°26	17°28	9°38	26°20	10°51	17°37	8°55	19°48	20°40	19°18	19°25	21° 8	14°27	T 8
F 9	5 17 6	17°48'05	28°20	19° 4	10°53	26°56	10°42	17°39	8°58	19°48	20°40	19°15	19°22	21°15	14°25	F 9
S 10	5 21 2	18°48'23	10♓22	20°39	12° 7	27°32	10°34	17°41	9° 0	19°47	20°39	19°14	19°19	21°22	14°23	S 10
S 11	5 24 59	19°48'42	22°39	22°14	13°22	28° 7	10°26	17°43	9° 3	19°46	20°39	19°14	19°16	21°28	14°20	S 11
M12	5 28 55	20°49'02	5♈15	23°48	14°36	28°43	10°19	17°45	9° 6	19°46	20°38	19°13	19°12	21°35	14°18	M12
T 13	5 32 52	21°49'24	18°17	25°23	15°51	29°19	10°11	17°48	9° 8	19°45	20°38	19°11	19° 9	21°42	14°16	T 13
W14	5 36 48	22°49'46	1♉47	26°57	17° 5	29°55	10° 3	17°50	9°11	19°44	20°37	19° 7	19° 6	21°49	14°14	W14
T 15	5 40 45	23°50'11	15°48	28°31	18°20	0♏30	9°55	17°53	9°14	19°44	20°37	19° 0	19° 3	21°55	14°12	T 15
F 16	5 44 41	24°50'36	0♊17	0♑ 4	19°34	1° 6	9°48	17°55	9°17	19°44	20°36	18°51	19° 0	22° 2	14°10	F 16
S 17	5 48 38	25°51'03	15°11	1°38	20°49	1°41	9°40	17°58	9°20	19°43	20°35	18°39	18°57	22° 9	14° 8	S 17
S 18	5 52 35	26°51'31	0♋20	3°11	22° 3	2°17	9°33	18° 1	9°22	19°43	20°35	18°28	18°53	22°15	14° 6	S 18
M19	5 56 31	27°52'01	15°35	4°44	23°17	2°52	9°25	18° 3	9°25	19°42	20°34	18°17	18°50	22°22	14° 4	M19
T 20	6 0 28	28°52'32	0♌43	6°17	24°32	3°28	9°18	18° 6	9°28	19°42	20°33	18° 8	18°47	22°29	14° 3	T 20
W21	6 4 24	29°53'05	15°37	7°50	25°46	4° 3	9°11	18°10	9°31	19°42	20°32	18° 2	18°44	22°35	14° 1	W21
T 22	6 8 21	0♑53'39	0♍ 8	9°23	27° 1	4°38	9° 4	18°13	9°34	19°41	20°32	17°59	18°41	22°42	13°59	T 22
F 23	6 12 17	1°54'15	14°15	10°55	28°15	5°14	8°57	18°16	9°37	19°41	20°31	17°D58	18°38	22°49	13°57	F 23
S 24	6 16 14	2°54'53	27°56	12°28	29°29	5°49	8°50	18°19	9°40	19°41	20°30	17°R58	18°34	22°56	13°56	S 24
S 25	6 20 10	3°55'32	11♎15	14° 0	0♒44	6°24	8°43	18°23	9°43	19°41	20°29	17°58	18°31	23° 2	13°54	S 25
M26	6 24 7	4°56'12	24°13	15°33	1°58	6°59	8°37	18°26	9°46	19°40	20°28	17°57	18°28	23° 9	13°53	M26
T 27	6 28 4	5°56'54	6♏54	17° 5	3°13	7°34	8°30	18°30	9°49	19°40	20°28	17°53	18°25	23°16	13°51	T 27
W28	6 32 0	6°57'38	19°22	18°37	4°27	8° 9	8°24	18°33	9°52	19°40	20°27	17°46	18°22	23°22	13°50	W28
T 29	6 35 57	7°58'23	1♐39	20° 9	5°41	8°44	8°18	18°37	9°56	19°40	20°26	17°36	18°18	23°29	13°48	T 29
F 30	6 39 53	8°59'09	13°48	21°40	6°56	9°19	8°12	18°41	9°59	19°D40	20°25	17°24	18°15	23°36	13°47	F 30
S 31	6 43 50	9♑59'57	25♐50	23♑12	8♒10	9♏54	8♊ 6	18♓45	10♒ 2	19♈40	20♌24	17♍11	18♍12	23♑42	13♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s43	13 s55	4n25	20 s46	0n23	23 s59	0 s46	7 s20	1n18	20n55	1 s 6	6 s31	1 s44	18 s29	0 s35	6n31	1 s17	16n19	1n58	3n41	4n 0	17 s19	14n32	1 s39
F 2	21 51	16 9	4 49	21 9	0 16	24 0	0 48	7 33	1 18	20 54	1 6	6 31	1 44	18 29	0 35	6 31	1 17	16 20	1 58	3 46	4 2	17 18	14 31	1 39
S 3	22 0	17 37	4 59	21 31	0 9	24 1	0 51	7 46	1 18	20 53	1 5	6 30	1 44	18 28	0 34	6 31	1 17	16 20	1 58	3 51	4 3	17 17	14 30	1 39
S 4	22 7	18 17	4 56	21 52	0 2	24 1	0 53	7 59	1 18	20 52	1 5	6 29	1 44	18 28	0 34	6 30	1 17	16 20	1 58	3 57	4 4	17 17	14 30	1 39
M 5	22 15	18 8	4 40	22 11	0 s 5	24 1	0 55	8 13	1 18	20 51	1 5	6 29	1 44	18 27	0 34	6 30	1 17	16 20	1 59	4 2	4 5	17 16	14 29	1 39
T 6	22 22	17 11	4 11	22 30	0 11	23 59	0 58	8 26	1 18	20 50	1 5	6 28	1 44	18 26	0 34	6 30	1 17	16 21	1 59	4 7	4 7	17 16	14 28	1 39
W 7	22 28	15 30	3 32	22 47	0 18	23 57	1 0	8 39	1 18	20 49	1 5	6 27	1 44	18 26	0 34	6 30	1 17	16 21	1 59	4 10	4 8	17 15	14 27	1 39
T 8	22 34	13 9	2 44	23 3	0 25	23 55	1 2	8 51	1 18	20 48	1 5	6 26	1 44	18 25	0 34	6 29	1 17	16 21	1 59	4 12	4 9	17 15	14 27	1 39
F 9	22 40	10 15	1 48	23 18	0 31	23 51	1 4	9 4	1 18	20 47	1 5	6 26	1 43	18 24	0 34	6 29	1 17	16 21	1 59	4 13	4 10	17 14	14 26	1 39
S 10	22 45	6 53	0 47	23 32	0 38	23 47	1 7	9 17	1 18	20 46	1 5	6 25	1 43	18 24	0 34	6 29	1 17	16 22	1 59	4 14	4 12	17 14	14 25	1 39
S 11	22 50	3 10	0 s18	23 44	0 44	23 42	1 9	9 30	1 18	20 45	1 4	6 24	1 43	18 23	0 34	6 29	1 17	16 22	1 59	4 14	4 13	17 13	14 25	1 39
M12	22 54	0n47	1 24	23 55	0 51	23 36	1 11	9 42	1 18	20 44	1 4	6 23	1 43	18 22	0 34	6 29	1 17	16 22	1 59	4 14	4 14	17 13	14 24	1 39
T 13	22 58	4 50	2 27	24 5	0 57	23 30	1 13	9 55	1 18	20 43	1 4	6 22	1 43	18 22	0 34	6 28	1 17	16 22	1 59	4 15	4 15	17 12	14 23	1 39
W14	23 2	8 47	3 25	24 14	1 3	23 23	1 15	10 7	1 18	20 42	1 4	6 21	1 43	18 21	0 34	6 28	1 17	16 23	2 0	4 16	4 16	17 12	14 23	1 39
T 15	23 5	12 23	4 12	24 22	1 9	23 15	1 17	10 20	1 18	20 41	1 4	6 20	1 43	18 20	0 34	6 28	1 17	16 23	2 0	4 19	4 18	17 11	14 22	1 39
F 16	23 7	15 23	4 45	24 28	1 15	23 7	1 19	10 32	1 18	20 40	1 4	6 19	1 43	18 19	0 34	6 28	1 16	16 23	2 0	4 23	4 19	17 10	14 22	1 39
S 17	23 9	17 26	5 0	24 33	1 20	22 57	1 21	10 44	1 18	20 39	1 4	6 17	1 42	18 19	0 34	6 28	1 16	16 24	2 0	4 27	4 20	17 10	14 21	1 39
S 18	23 11	18 19	4 54	24 37	1 26	22 48	1 23	10 56	1 18	20 38	1 3	6 16	1 42	18 18	0 34	6 28	1 16	16 24	2 0	4 31	4 21	17 9	14 20	1 39
M19	23 12	17 53	4 28	24 39	1 31	22 37	1 24	11 8	1 18	20 37	1 3	6 15	1 42	18 17	0 34	6 28	1 16	16 24	2 0	4 36	4 23	17 9	14 20	1 39
T 20	23 13	16 12	3 42	24 40	1 36	22 26	1 26	11 20	1 18	20 36	1 3	6 14	1 42	18 16	0 34	6 27	1 16	16 25	2 0	4 39	4 24	17 8	14 19	1 40
W21	23 13	13 25	2 42	24 40	1 41	22 14	1 28	11 32	1 18	20 35	1 3	6 12	1 42	18 15	0 34	6 27	1 16	16 25	2 0	4 41	4 25	17 8	14 19	1 40
T 22	23 13	9 52	1 33	24 39	1 45	22 2	1 29	11 44	1 18	20 35	1 3	6 11	1 42	18 15	0 34	6 27	1 16	16 25	2 0	4 42	4 26	17 7	14 18	1 40
F 23	23 12	5 50	0 20	24 36	1 50	21 49	1 31	11 56	1 18	20 34	1 2	6 10	1 42	18 14	0 34	6 27	1 16	16 26	2 1	4 43	4 28	17 6	14 18	1 40
S 24	23 11	1 37	0n53	24 32	1 54	21 35	1 32	12 7	1 18	20 33	1 2	6 8	1 42	18 13	0 34	6 27	1 16	16 26	2 1	4 43	4 29	17 6	14 17	1 40
S 25	23 10	2 s34	2 0	24 26	1 58	21 20	1 34	12 19	1 17	20 32	1 2	6 7	1 42	18 12	0 34	6 27	1 16	16 26	2 1	4 43	4 30	17 5	14 17	1 40
M26	23 8	6 31	3 0	24 20	2 1	21 5	1 35	12 30	1 17	20 31	1 2	6 5	1 41	18 11	0 34	6 27	1 16	16 27	2 1	4 43	4 31	17 5	14 16	1 40
T 27	23 5	10 5	3 49	24 12	2 4	20 50	1 37	12 41	1 17	20 31	1 2	6 4	1 41	18 11	0 34	6 27	1 16	16 27	2 1	4 45	4 33	17 4	14 16	1 40
W28	23 2	13 8	4 26	24 3	2 7	20 34	1 38	12 53	1 17	20 30	1 1	6 2	1 41	18 10	0 34	6 27	1 16	16 27	2 1	4 48	4 34	17 4	14 16	1 40
T 29	22 59	15 34	4 50	23 52	2 10	20 17	1 39	13 4	1 17	20 29	1 1	6 1	1 41	18 9	0 34	6 27	1 16	16 28	2 1	4 51	4 35	17 3	14 15	1 40
F 30	22 55	17 16	5 1	23 40	2 12	19 59	1 40	13 15	1 17	20 28	1 1	5 59	1 41	18 8	0 34	6 27	1 16	16 28	2 1	4 56	4 36	17 2	14 15	1 40
S 31	22 s51	18 s11	4n58	23 s27	2 s14	19 s41	1 s41	13 s26	1n17	20n28	1 s 1	5 s58	1 s41	18 s 7	0 s34	6n27	1 s16	16n29	2n 1	5n 1	4n37	17 s 2	14n14	1 s40

Julian Day Number = 3062565.5, Delta T = 02h32m17s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'38, Lahiri = 47°18'38

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

JANUARY 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 47 46	11♑ 0'45	7♑47	24♑43	9♒24	10♏29	8°R 0	18♓49	10♒ 5	19♈40	20°R23	16°R58	18♍ 9	23♑49	13°R44	S 1
M 2	6 51 43	12° 1'35	19°40	26°14	10°39	11° 4	7♊55	18°53	10° 9	19°40	20♌22	16♍45	18° 6	23°56	13♉43	M 2
T 3	6 55 40	13° 2'25	1♒29	27°44	11°53	11°38	7°50	18°57	10°12	19°41	20°21	16°35	18° 3	24° 3	13°42	T 3
W 4	6 59 36	14° 3'17	13°18	29°15	13° 7	12°13	7°44	19° 2	10°15	19°41	20°20	16°27	17°59	24° 9	13°41	W 4
T 5	7 3 33	15° 4'09	25° 9	0♒44	14°21	12°47	7°39	19° 6	10°18	19°41	20°19	16°22	17°56	24°16	13°40	T 5
F 6	7 7 29	16° 5'02	7♓ 4	2°14	15°36	13°22	7°35	19°11	10°22	19°41	20°18	16°19	17°53	24°23	13°39	F 6
S 7	7 11 26	17° 5'56	19° 6	3°42	16°50	13°56	7°30	19°15	10°25	19°41	20°17	16°D19	17°50	24°29	13°38	S 7
S 8	7 15 22	18° 6'50	1♈22	5°10	18° 4	14°30	7°26	19°20	10°28	19°42	20°16	16°20	17°47	24°36	13°37	S 8
M 9	7 19 19	19° 7'45	13°55	6°36	19°18	15° 5	7°21	19°24	10°32	19°42	20°15	16°R20	17°44	24°43	13°36	M 9
T 10	7 23 15	20° 8'40	26°50	8° 2	20°32	15°39	7°17	19°29	10°35	19°42	20°14	16°20	17°40	24°49	13°36	T 10
W11	7 27 12	21° 9'36	10♉11	9°26	21°47	16°13	7°13	19°34	10°39	19°43	20°13	16°18	17°37	24°56	13°35	W11
T 12	7 31 9	22°10'32	24° 2	10°49	23° 1	16°47	7°10	19°39	10°42	19°43	20°12	16°14	17°34	25° 3	13°34	T 12
F 13	7 35 5	23°11'29	8♊23	12° 9	24°15	17°21	7° 6	19°44	10°46	19°44	20°10	16° 8	17°31	25° 9	13°34	F 13
S 14	7 39 2	24°12'26	23°10	13°28	25°29	17°55	7° 3	19°49	10°49	19°44	20° 9	16° 1	17°28	25°16	13°33	S 14
S 15	7 42 58	25°13'24	8♋18	14°44	26°43	18°29	7° 0	19°54	10°53	19°45	20° 8	15°52	17°24	25°23	13°33	S 15
M16	7 46 55	26°14'22	23°37	15°56	27°57	19° 3	6°57	19°59	10°56	19°45	20° 7	15°45	17°21	25°30	13°32	M16
T 17	7 50 51	27°15'21	8♌56	17° 5	29°11	19°36	6°54	20° 4	11° 0	19°46	20° 6	15°38	17°18	25°36	13°32	T 17
W18	7 54 48	28°16'20	24° 4	18°10	0♓25	20°10	6°51	20°10	11° 3	19°47	20° 5	15°34	17°15	25°43	13°32	W18
T 19	7 58 44	29°17'19	8♍51	19°10	1°38	20°44	6°49	20°15	11° 7	19°47	20° 3	15°D32	17°12	25°50	13°32	T 19
F 20	8 2 41	0♒18'20	23°13	20° 5	2°52	21°17	6°47	20°20	11°10	19°48	20° 2	15°32	17° 9	25°56	13°31	F 20
S 21	8 6 38	1°19'21	7♎ 8	20°53	4° 6	21°50	6°45	20°26	11°14	19°49	20° 1	15°34	17° 5	26° 3	13°31	S 21
S 22	8 10 34	2°20'22	20°34	21°34	5°20	22°24	6°43	20°31	11°17	19°50	20° 0	15°35	17° 2	26°10	13°31	S 22
M23	8 14 31	3°21'25	3♏36	22° 7	6°34	22°57	6°42	20°37	11°21	19°50	19°58	15°R36	16°59	26°16	13°D31	M23
T 24	8 18 27	4°22'28	16°17	22°31	7°47	23°30	6°41	20°43	11°24	19°51	19°57	15°35	16°56	26°23	13°31	T 24
W25	8 22 24	5°23'31	28°41	22°45	9° 1	24° 3	6°39	20°48	11°28	19°52	19°56	15°32	16°53	26°30	13°31	W25
T 26	8 26 20	6°24'35	10♐51	22°R48	10°15	24°36	6°39	20°54	11°32	19°53	19°55	15°28	16°50	26°37	13°32	T 26
F 27	8 30 17	7°25'39	22°52	22°40	11°28	25° 9	6°38	21° 0	11°35	19°54	19°53	15°21	16°46	26°43	13°32	F 27
S 28	8 34 13	8°26'44	4♑47	22°20	12°42	25°42	6°37	21° 6	11°39	19°55	19°52	15°14	16°43	26°50	13°32	S 28
S 29	8 38 10	9°27'49	16°39	21°48	13°55	26°15	6°37	21°12	11°42	19°56	19°51	15° 7	16°40	26°57	13°32	S 29
M30	8 42 7	10°28'54	28°29	21° 5	15° 9	26°47	6°D37	21°18	11°46	19°57	19°49	15° 0	16°37	27° 3	13°33	M30
T 31	8 46 3	11♒30'00	10♒19	20♒10	16♓22	27♏20	6♊37	21♓24	11♒49	19♈58	19♌48	14♍55	16♍34	27♑10	13♉33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s46	18s18	4n42	23s13	2s16	19s23	1s42	13s37	1n17	20n27	1s 0	5s56	1s41	18s 6	0s34	6n27	1s16	16n29	2n 2	5n 6	4n39	17s 1	14n14	1s40
M 2	22 41	17 36	4 14	22 58	2 17	19 4	1 43	13 47	1 17	20 26	1 0	5 54	1 41	18 5	0 34	6 27	1 16	16 29	2 2	5 11	4 40	17 1	14 14	1 40
T 3	22 35	16 9	3 35	22 41	2 18	18 44	1 44	13 58	1 17	20 26	1 0	5 53	1 41	18 5	0 34	6 27	1 16	16 30	2 2	5 15	4 41	17 0	14 13	1 40
W 4	22 29	14 0	2 47	22 23	2 19	18 24	1 45	14 9	1 17	20 25	1 0	5 51	1 41	18 4	0 34	6 28	1 16	16 30	2 2	5 18	4 42	16 59	14 13	1 40
T 5	22 23	11 17	1 51	22 4	2 18	18 3	1 45	14 19	1 17	20 25	1 0	5 49	1 40	18 3	0 34	6 28	1 16	16 31	2 2	5 20	4 44	16 59	14 13	1 40
F 6	22 16	8 5	0 49	21 43	2 18	17 42	1 46	14 29	1 16	20 24	0 59	5 47	1 40	18 2	0 34	6 28	1 16	16 31	2 2	5 21	4 45	16 58	14 12	1 40
S 7	22 8	4 30	0s15	21 22	2 17	17 21	1 47	14 40	1 16	20 24	0 59	5 45	1 40	18 1	0 34	6 28	1 16	16 31	2 2	5 21	4 46	16 57	14 12	1 40
S 8	22 1	0 41	1 20	20 59	2 15	16 59	1 47	14 50	1 16	20 23	0 59	5 44	1 40	18 0	0 34	6 28	1 16	16 32	2 2	5 21	4 47	16 57	14 12	1 40
M 9	21 52	3n15	2 22	20 36	2 13	16 36	1 48	15 0	1 16	20 23	0 59	5 42	1 40	17 59	0 34	6 28	1 16	16 32	2 2	5 21	4 48	16 56	14 12	1 40
T 10	21 44	7 8	3 20	20 11	2 10	16 13	1 48	15 10	1 16	20 22	0 58	5 40	1 40	17 58	0 34	6 28	1 16	16 33	2 2	5 21	4 50	16 56	14 12	1 40
W11	21 34	10 48	4 8	19 46	2 7	15 50	1 48	15 20	1 16	20 22	0 58	5 38	1 40	17 57	0 34	6 29	1 16	16 33	2 2	5 21	4 51	16 55	14 11	1 40
T 12	21 25	14 1	4 44	19 19	2 2	15 26	1 48	15 29	1 16	20 21	0 58	5 36	1 40	17 56	0 34	6 29	1 15	16 34	2 3	5 23	4 52	16 54	14 11	1 39
F 13	21 15	16 30	5 4	18 52	1 57	15 2	1 48	15 39	1 16	20 21	0 58	5 34	1 40	17 55	0 34	6 29	1 15	16 34	2 3	5 25	4 53	16 54	14 11	1 39
S 14	21 5	17 59	5 4	18 25	1 52	14 37	1 48	15 48	1 15	20 21	0 57	5 32	1 40	17 54	0 34	6 29	1 15	16 35	2 3	5 28	4 55	16 53	14 11	1 39
S 15	20 54	18 15	4 44	17 57	1 45	14 12	1 48	15 58	1 15	20 21	0 57	5 30	1 40	17 53	0 34	6 29	1 15	16 35	2 3	5 31	4 56	16 52	14 11	1 39
M16	20 43	17 11	4 3	17 28	1 38	13 46	1 48	16 7	1 15	20 20	0 57	5 28	1 39	17 53	0 34	6 30	1 15	16 35	2 3	5 34	4 57	16 52	14 11	1 39
T 17	20 31	14 54	3 4	16 59	1 29	13 21	1 48	16 16	1 15	20 20	0 56	5 25	1 39	17 52	0 34	6 30	1 15	16 36	2 3	5 37	4 58	16 51	14 11	1 39
W18	20 19	11 36	1 53	16 31	1 20	12 54	1 48	16 25	1 15	20 20	0 56	5 23	1 39	17 51	0 34	6 30	1 15	16 36	2 3	5 38	5 0	16 50	14 10	1 39
T 19	20 7	7 37	0 36	16 2	1 9	12 28	1 47	16 34	1 15	20 20	0 56	5 21	1 39	17 50	0 34	6 30	1 15	16 37	2 3	5 39	5 1	16 50	14 10	1 39
F 20	19 54	3 18	0n42	15 34	0 58	12 1	1 47	16 43	1 14	20 20	0 56	5 19	1 39	17 49	0 34	6 31	1 15	16 37	2 3	5 39	5 2	16 49	14 10	1 39
S 21	19 41	1s 3	1 54	15 7	0 45	11 34	1 46	16 52	1 14	20 20	0 55	5 17	1 39	17 48	0 34	6 31	1 15	16 38	2 3	5 39	5 3	16 49	14 10	1 39
S 22	19 28	5 12	2 58	14 41	0 32	11 7	1 45	17 0	1 14	20 20	0 55	5 14	1 39	17 47	0 34	6 31	1 15	16 38	2 3	5 38	5 4	16 48	14 10	1 39
M23	19 14	8 59	3 51	14 17	0 17	10 39	1 45	17 9	1 14	20 20	0 55	5 12	1 39	17 46	0 34	6 32	1 15	16 39	2 4	5 38	5 6	16 47	14 10	1 39
T 24	18 59	12 14	4 31	13 54	0 1	10 11	1 44	17 17	1 14	20 20	0 55	5 10	1 39	17 45	0 34	6 32	1 15	16 39	2 4	5 38	5 7	16 47	14 10	1 39
W25	18 45	14 51	4 57	13 34	0n16	9 43	1 43	17 26	1 14	20 20	0 54	5 8	1 39	17 44	0 34	6 32	1 15	16 40	2 4	5 39	5 8	16 46	14 10	1 39
T 26	18 30	16 46	5 9	13 16	0 33	9 14	1 42	17 34	1 13	20 20	0 54	5 5	1 39	17 43	0 34	6 33	1 15	16 40	2 4	5 41	5 9	16 45	14 10	1 39
F 27	18 15	17 55	5 8	13 1	0 52	8 45	1 41	17 42	1 13	20 20	0 54	5 3	1 39	17 42	0 34	6 33	1 15	16 41	2 4	5 43	5 11	16 45	14 11	1 39
S 28	17 59	18 16	4 53	12 50	1 10	8 16	1 40	17 50	1 13	20 20	0 54	5 1	1 39	17 41	0 34	6 34	1 15	16 41	2 4	5 46	5 12	16 44	14 11	1 39
S 29	17 43	17 49	4 25	12 42	1 29	7 47	1 38	17 57	1 13	20 21	0 53	4 58	1 39	17 40	0 34	6 34	1 15	16 42	2 4	5 49	5 13	16 43	14 11	1 39
M30	17 27	16 35	3 46	12 38	1 48	7 18	1 37	18 5	1 12	20 21	0 53	4 56	1 39	17 39	0 34	6 34	1 15	16 42	2 4	5 51	5 14	16 42	14 11	1 39
T 31	17s11	14s39	2n57	12s38	2n 6	6s48	1s36	18s13	1n12	20n21	0s53	4s53	1s38	17s38	0s34	6n35	1s15	16n42	2n 4	5n53	5n15	16s42	14n11	1s39

Julian Day Number = 3062596.5, Delta T = 02h32m18s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'42, Lahiri = 47°18'42

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

FEBRUARY 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 50 0	12♒31'05	22♒12	19°R 7	17♓36	27♏52	6♊38	21♓30	11♒53	19♈59	19°R47	14°R51	16♍30	27♉17	13♉34	W 1
T 2	8 53 56	13°32'10	4♓ 8	17♒56	18°49	28°24	6°38	21°36	11°57	20° 0	19♌46	14♍49	16°27	27°23	13°34	T 2
F 3	8 57 53	14°33'15	16°11	16°39	20° 2	28°57	6°39	21°43	12° 0	20° 1	19°44	14°D48	16°24	27°30	13°35	F 3
S 4	9 1 49	15°34'20	28°22	15°19	21°16	29°29	6°40	21°49	12° 4	20° 3	19°43	14°49	16°21	27°37	13°36	S 4
S 5	9 5 46	16°35'24	10♈45	13°59	22°29	0♗ 1	6°41	21°55	12° 7	20° 4	19°42	14°50	16°18	27°43	13°36	S 5
M 6	9 9 42	17°36'28	23°22	12°41	23°42	0°32	6°43	22° 2	12°11	20° 5	19°40	14°52	16°15	27°50	13°37	M 6
T 7	9 13 39	18°37'32	6♉17	11°27	24°55	1° 4	6°44	22° 8	12°15	20° 6	19°39	14°53	16°11	27°57	13°38	T 7
W 8	9 17 36	19°38'35	19°33	10°20	26° 8	1°36	6°46	22°15	12°18	20° 8	19°38	14°R54	16° 8	28° 3	13°39	W 8
T 9	9 21 32	20°39'37	3♊13	9°20	27°21	2° 7	6°48	22°21	12°22	20° 9	19°36	14°53	16° 5	28°10	13°40	T 9
F 10	9 25 29	21°40'39	17°18	8°29	28°34	2°39	6°50	22°28	12°25	20°10	19°35	14°52	16° 2	28°17	13°41	F 10
S 11	9 29 25	22°41'41	1♋47	7°47	29°47	3°10	6°53	22°34	12°29	20°12	19°34	14°49	15°59	28°24	13°42	S 11
S 12	9 33 22	23°42'41	16°37	7°15	1♈ 0	3°41	6°56	22°41	12°32	20°13	19°32	14°46	15°56	28°30	13°43	S 12
M13	9 37 18	24°43'41	1♌40	6°53	2°12	4°12	6°58	22°47	12°36	20°15	19°31	14°43	15°52	28°37	13°45	M13
T 14	9 41 15	25°44'41	16°49	6°40	3°25	4°43	7° 1	22°54	12°39	20°16	19°30	14°41	15°49	28°44	13°46	T 14
W15	9 45 11	26°45'39	1♍53	6°D35	4°37	5°14	7° 5	23° 1	12°43	20°18	19°29	14°40	15°46	28°50	13°47	W15
T 16	9 49 8	27°46'38	16°44	6°39	5°50	5°45	7° 8	23° 8	12°46	20°19	19°27	14°D40	15°43	28°57	13°49	T 16
F 17	9 53 5	28°47'35	1♎15	6°50	7° 2	6°15	7°12	23°14	12°50	20°21	19°26	14°40	15°40	29° 4	13°50	F 17
S 18	9 57 1	29°48'33	15°20	7° 8	8°14	6°46	7°15	23°21	12°53	20°22	19°25	14°41	15°36	29°10	13°51	S 18
S 19	10 0 58	0♓49'30	28°58	7°33	9°27	7°16	7°19	23°28	12°57	20°24	19°23	14°42	15°33	29°17	13°53	S 19
M20	10 4 54	1°50'26	12♏ 9	8° 4	10°39	7°46	7°24	23°35	13° 0	20°26	19°22	14°43	15°30	29°24	13°55	M20
T 21	10 8 51	2°51'23	24°56	8°40	11°51	8°16	7°28	23°42	13° 4	20°27	19°21	14°44	15°27	29°30	13°56	T 21
W22	10 12 47	3°52'18	7♐24	9°21	13° 3	8°46	7°33	23°49	13° 7	20°29	19°20	14°R44	15°24	29°37	13°58	W22
T 23	10 16 44	4°53'14	19°35	10° 7	14°15	9°16	7°37	23°56	13°11	20°31	19°18	14°44	15°21	29°44	14° 0	T 23
F 24	10 20 40	5°54'08	1♑34	10°56	15°26	9°45	7°42	24° 3	13°14	20°32	19°17	14°43	15°17	29°50	14° 1	F 24
S 25	10 24 37	6°55'03	13°26	11°49	16°38	10°15	7°47	24°10	13°17	20°34	19°16	14°42	15°14	29°57	14° 3	S 25
S 26	10 28 34	7°55'56	25°16	12°46	17°50	10°44	7°53	24°17	13°21	20°36	19°15	14°41	15°11	0♒ 4	14° 5	S 26
M27	10 32 30	8°56'49	7♒ 5	13°45	19° 1	11°13	7°58	24°24	13°24	20°38	19°13	14°40	15° 8	0°10	14° 7	M27
T 28	10 36 27	9♓57'41	18♒58	14♒48	20♈12	11♐42	8♊ 4	24♓31	13♒27	20♈39	19♌12	14♍39	15♍ 5	0♒17	14♉ 9	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s54	12s 5	2n 1	12s41	2n23	6s18	1s34	18s20	1n12	20n21	0s52	4s51	1s38	17s37	0s34	6n35	1s15	16n43	2n 4	5n55	5n17	16s41	14n11	1s39
T 2	16 37	9 0	0 58	12 48	2 39	5 48	1 33	18 28	1 12	20 22	0 52	4 48	1 38	17 36	0 34	6 36	1 15	16 43	2 4	5 56	5 18	16 40	14 11	1 39
F 3	16 19	5 31	0s 8	12 58	2 52	5 18	1 31	18 35	1 11	20 22	0 52	4 46	1 38	17 35	0 34	6 36	1 15	16 44	2 4	5 56	5 19	16 40	14 12	1 39
S 4	16 1	1 46	1 14	13 10	3 4	4 48	1 29	18 42	1 11	20 23	0 52	4 44	1 38	17 34	0 34	6 37	1 15	16 44	2 4	5 56	5 20	16 39	14 12	1 39
S 5	15 43	2n 6	2 18	13 24	3 13	4 18	1 27	18 49	1 11	20 23	0 51	4 41	1 38	17 33	0 34	6 37	1 15	16 45	2 5	5 55	5 22	16 38	14 12	1 39
M 6	15 25	5 57	3 16	13 40	3 19	3 47	1 25	18 56	1 11	20 24	0 51	4 38	1 38	17 32	0 34	6 38	1 15	16 45	2 5	5 54	5 23	16 38	14 12	1 39
T 7	15 6	9 36	4 6	13 56	3 23	3 17	1 23	19 2	1 10	20 24	0 51	4 36	1 38	17 31	0 34	6 38	1 15	16 46	2 5	5 54	5 24	16 37	14 13	1 39
W 8	14 48	12 53	4 45	14 12	3 24	2 46	1 21	19 9	1 10	20 25	0 51	4 33	1 38	17 30	0 34	6 39	1 15	16 46	2 5	5 54	5 25	16 36	14 13	1 39
T 9	14 28	15 33	5 9	14 29	3 23	2 15	1 19	19 15	1 10	20 25	0 50	4 31	1 38	17 29	0 34	6 39	1 15	16 47	2 5	5 54	5 26	16 35	14 13	1 39
F 10	14 9	17 24	5 15	14 45	3 20	1 44	1 17	19 22	1 9	20 26	0 50	4 28	1 38	17 28	0 34	6 40	1 14	16 47	2 5	5 55	5 28	16 35	14 14	1 39
S 11	13 50	18 11	5 1	15 0	3 15	1 14	1 14	19 28	1 9	20 27	0 50	4 26	1 38	17 27	0 34	6 40	1 14	16 48	2 5	5 56	5 29	16 34	14 14	1 39
S 12	13 30	17 46	4 28	15 14	3 9	0 43	1 12	19 34	1 9	20 27	0 50	4 23	1 38	17 26	0 34	6 41	1 14	16 48	2 5	5 57	5 30	16 33	14 14	1 39
M13	13 10	16 6	3 36	15 27	3 1	0 12	1 9	19 40	1 8	20 28	0 49	4 20	1 38	17 25	0 34	6 41	1 14	16 49	2 5	5 58	5 31	16 33	14 15	1 39
T 14	12 49	13 18	2 28	15 39	2 53	0n19	1 7	19 46	1 8	20 29	0 49	4 18	1 38	17 24	0 34	6 42	1 14	16 49	2 5	5 59	5 33	16 32	14 15	1 39
W15	12 29	9 37	1 10	15 50	2 43	0 50	1 4	19 52	1 8	20 29	0 49	4 15	1 38	17 23	0 34	6 43	1 14	16 50	2 5	5 59	5 34	16 31	14 15	1 39
T 16	12 8	5 22	0n12	15 58	2 33	1 21	1 1	19 58	1 7	20 30	0 49	4 12	1 38	17 22	0 34	6 43	1 14	16 50	2 5	5 59	5 35	16 30	14 16	1 39
F 17	11 47	0 54	1 31	16 6	2 22	1 52	0 59	20 3	1 7	20 31	0 48	4 10	1 38	17 21	0 34	6 44	1 14	16 51	2 5	5 59	5 36	16 30	14 16	1 39
S 18	11 26	3s29	2 42	16 12	2 11	2 23	0 56	20 9	1 7	20 32	0 48	4 7	1 38	17 20	0 34	6 44	1 14	16 51	2 5	5 59	5 37	16 29	14 17	1 39
S 19	11 5	7 33	3 42	16 17	2 0	2 54	0 53	20 14	1 6	20 33	0 48	4 4	1 38	17 19	0 34	6 45	1 14	16 51	2 5	5 58	5 39	16 28	14 17	1 39
M20	10 43	11 6	4 27	16 20	1 49	3 25	0 50	20 19	1 6	20 34	0 48	4 2	1 38	17 18	0 34	6 46	1 14	16 52	2 5	5 58	5 40	16 27	14 18	1 39
T 21	10 22	14 0	4 58	16 21	1 38	3 56	0 47	20 24	1 5	20 35	0 47	3 59	1 38	17 17	0 34	6 46	1 14	16 52	2 6	5 58	5 41	16 27	14 18	1 39
W22	10 0	16 10	5 15	16 22	1 26	4 26	0 43	20 29	1 5	20 36	0 47	3 56	1 38	17 17	0 34	6 47	1 14	16 53	2 6	5 57	5 42	16 26	14 19	1 39
T 23	9 38	17 34	5 16	16 20	1 15	4 57	0 40	20 34	1 5	20 37	0 47	3 53	1 38	17 16	0 34	6 48	1 14	16 53	2 6	5 58	5 44	16 25	14 19	1 39
F 24	9 16	18 9	5 4	16 18	1 4	5 27	0 37	20 39	1 4	20 38	0 47	3 51	1 38	17 15	0 34	6 48	1 14	16 54	2 6	5 58	5 45	16 24	14 20	1 39
S 25	8 54	17 56	4 38	16 14	0 53	5 58	0 33	20 44	1 4	20 39	0 46	3 48	1 38	17 14	0 34	6 49	1 14	16 54	2 6	5 58	5 46	16 24	14 20	1 39
S 26	8 31	16 56	4 1	16 8	0 43	6 28	0 30	20 48	1 3	20 40	0 46	3 45	1 38	17 13	0 34	6 50	1 14	16 55	2 6	5 59	5 47	16 23	14 21	1 39
M27	8 9	15 12	3 14	16 2	0 33	6 58	0 26	20 53	1 3	20 41	0 46	3 42	1 38	17 12	0 34	6 50	1 14	16 55	2 6	5 59	5 48	16 22	14 21	1 39
T 28	7s46	12s49	2n18	15s54	0n22	7n28	0s23	20s57	1n 2	20n42	0s46	3s40	1s38	17s11	0s34	6n51	1s14	16n55	2n 6	5n59	5n50	16s21	14n22	1s39

Julian Day Number = 3062627.5, Delta T = 02h32m19s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'46, Lahiri = 47°18'47

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

MARCH 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 40 23	10♓58'32	0♓57	15♒52	21♈24	12♐10	8♊ 9	24♓38	13♒31	20♈41	19°R11	14°R39	15♍ 2	0♒24	14♉11	W 1
T 2	10 44 20	11°59'22	13° 3	16°59	22°35	12°39	8°15	24°45	13°34	20°43	19♏10	14°D39	14°58	0°31	14°13	T 2
F 3	10 48 16	13° 0'11	25°20	18° 8	23°46	13° 7	8°22	24°52	13°37	20°45	19° 8	14♍39	14°55	0°37	14°15	F 3
S 4	10 52 13	14° 0'59	7♈46	19°19	24°57	13°35	8°28	25° 0	13°40	20°47	19° 7	14°39	14°52	0°44	14°17	S 4
S 5	10 56 9	15° 1'46	20°25	20°32	26° 8	14° 3	8°34	25° 7	13°44	20°49	19° 6	14°R39	14°49	0°51	14°20	S 5
M 6	11 0 6	16° 2'31	3♉18	21°47	27°19	14°31	8°41	25°14	13°47	20°51	19° 5	14°39	14°46	0°57	14°22	M 6
T 7	11 4 2	17° 3'15	16°24	23° 3	28°29	14°59	8°48	25°21	13°50	20°53	19° 4	14°39	14°42	1° 4	14°24	T 7
W 8	11 7 59	18° 3'58	29°47	24°21	29°40	15°26	8°55	25°28	13°53	20°55	19° 3	14°38	14°39	1°11	14°27	W 8
T 9	11 11 56	19° 4'40	13♊25	25°40	0♉50	15°53	9° 2	25°35	13°56	20°57	19° 2	14°D38	14°36	1°17	14°29	T 9
F 10	11 15 52	20° 5'19	27°21	27° 0	2° 0	16°20	9° 9	25°43	13°59	20°59	19° 0	14°38	14°33	1°24	14°32	F 10
S 11	11 19 49	21° 5'58	11♋33	28°22	3°10	16°47	9°17	25°50	14° 2	21° 1	18°59	14°38	14°30	1°31	14°34	S 11
S 12	11 23 45	22° 6'34	25°59	29°45	4°20	17°13	9°24	25°57	14° 5	21° 3	18°58	14°39	14°27	1°37	14°37	S 12
M13	11 27 42	23° 7'10	10♌37	1♓ 9	5°30	17°40	9°32	26° 4	14° 8	21° 5	18°57	14°40	14°23	1°44	14°39	M13
T 14	11 31 38	24° 7'43	25°20	2°34	6°40	18° 6	9°40	26°12	14°11	21° 7	18°56	14°40	14°20	1°51	14°42	T 14
W15	11 35 35	25° 8'15	10♍ 3	4° 0	7°49	18°32	9°48	26°19	14°14	21° 9	18°55	14°R41	14°17	1°57	14°44	W15
T 16	11 39 31	26° 8'45	24°39	5°27	8°58	18°57	9°56	26°26	14°17	21°11	18°54	14°41	14°14	2° 4	14°47	T 16
F 17	11 43 28	27° 9'14	9♎ 2	6°56	10° 8	19°23	10° 4	26°33	14°20	21°13	18°53	14°40	14°11	2°11	14°50	F 17
S 18	11 47 25	28° 9'42	23° 5	8°25	11°17	19°48	10°13	26°41	14°23	21°15	18°52	14°39	14° 7	2°17	14°53	S 18
S 19	11 51 21	29°10'08	6♏46	9°56	12°26	20°13	10°21	26°48	14°26	21°17	18°51	14°37	14° 4	2°24	14°55	S 19
M20	11 55 18	0♈10'33	20° 3	11°27	13°34	20°37	10°30	26°55	14°28	21°20	18°50	14°34	14° 1	2°31	14°58	M20
T 21	11 59 14	1°10'57	2♐57	13° 0	14°43	21° 2	10°39	27° 2	14°31	21°22	18°49	14°32	13°58	2°37	15° 1	T 21
W22	12 3 11	2°11'20	15°29	14°33	15°51	21°26	10°48	27°10	14°34	21°24	18°48	14°31	13°55	2°44	15° 4	W22
T 23	12 7 7	3°11'41	27°44	16° 7	16°59	21°50	10°57	27°17	14°36	21°26	18°47	14°D30	13°52	2°51	15° 7	T 23
F 24	12 11 4	4°12'01	9♑45	17°43	18° 7	22°13	11° 6	27°24	14°39	21°28	18°47	14°30	13°48	2°57	15°10	F 24
S 25	12 15 0	5°12'20	21°38	19°19	19°15	22°37	11°16	27°31	14°42	21°30	18°46	14°31	13°45	3° 4	15°13	S 25
S 26	12 18 57	6°12'37	3♒27	20°57	20°23	23° 0	11°25	27°38	14°44	21°33	18°45	14°32	13°42	3°11	15°16	S 26
M27	12 22 54	7°12'53	15°18	22°35	21°30	23°22	11°35	27°46	14°47	21°35	18°44	14°34	13°39	3°18	15°19	M27
T 28	12 26 50	8°13'07	27°13	24°15	22°37	23°45	11°45	27°53	14°49	21°37	18°43	14°36	13°36	3°24	15°22	T 28
W29	12 30 47	9°13'20	9♓18	25°55	23°44	24° 7	11°55	28° 0	14°52	21°39	18°43	14°R37	13°33	3°31	15°25	W29
T 30	12 34 43	10°13'31	21°35	27°37	24°51	24°28	12° 5	28° 7	14°54	21°42	18°42	14°37	13°29	3°38	15°29	T 30
F 31	12 38 40	11♈13'41	4♈ 6	29♓20	25♉57	24♐50	12♊15	28♓14	14♒57	21♈44	18♌41	14♍35	13♍26	3♒44	15♉32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s23	9s52	1n15	15s44	0n12	7n58	0s19	21s 1	1n 2	20n43	0s45	3s37	1s38	17s10	0s34	6n52	1s14	16n56	2n 6	5n59	5n51	16s21	14n23	1s39
T 2	7 0	6 28	0 9	15 33	0 3	8 28	0 16	21 6	1 1	20 44	0 45	3 34	1 38	17 9	0 34	6 52	1 14	16 56	2 6	6 0	5 52	16 20	14 23	1 39
F 3	6 37	2 45	0s59	15 21	0s 6	8 58	0 12	21 10	1 1	20 46	0 45	3 31	1 38	17 8	0 34	6 53	1 14	16 57	2 6	6 0	5 53	16 19	14 24	1 39
S 4	6 14	1n 8	2 5	15 8	0 16	9 27	0 8	21 14	1 0	20 47	0 45	3 28	1 38	17 7	0 34	6 54	1 14	16 57	2 6	5 59	5 55	16 18	14 24	1 39
S 5	5 51	5 2	3 6	14 54	0 24	9 56	0 4	21 17	1 0	20 48	0 44	3 26	1 38	17 6	0 35	6 55	1 14	16 58	2 6	5 59	5 56	16 18	14 25	1 39
M 6	5 27	8 45	3 59	14 38	0 33	10 25	0 0	21 21	0 59	20 49	0 44	3 23	1 38	17 6	0 35	6 55	1 14	16 58	2 6	6 0	5 57	16 17	14 26	1 39
T 7	5 4	12 7	4 40	14 21	0 41	10 54	0n 4	21 25	0 59	20 51	0 44	3 20	1 38	17 5	0 35	6 56	1 14	16 58	2 6	6 0	5 58	16 16	14 26	1 39
W 8	4 41	14 55	5 7	14 3	0 49	11 22	0 8	21 28	0 58	20 52	0 44	3 17	1 38	17 4	0 35	6 57	1 14	16 59	2 6	6 0	5 59	16 15	14 27	1 39
T 9	4 17	16 57	5 18	13 44	0 56	11 51	0 12	21 32	0 58	20 53	0 44	3 14	1 38	17 3	0 35	6 58	1 14	16 59	2 6	6 0	6 1	16 14	14 28	1 39
F 10	3 53	18 2	5 10	13 24	1 3	12 19	0 16	21 35	0 57	20 55	0 43	3 12	1 38	17 2	0 35	6 58	1 14	16 59	2 6	6 0	6 2	16 14	14 29	1 39
S 11	3 30	18 1	4 43	13 2	1 10	12 46	0 20	21 38	0 56	20 56	0 43	3 9	1 38	17 1	0 35	6 59	1 14	17 0	2 6	6 0	6 3	16 13	14 29	1 39
S 12	3 6	16 51	3 59	12 40	1 17	13 14	0 24	21 41	0 56	20 57	0 43	3 6	1 38	17 0	0 35	7 0	1 14	17 0	2 6	5 59	6 4	16 12	14 30	1 39
M13	2 42	14 33	2 58	12 16	1 23	13 41	0 28	21 44	0 55	20 59	0 43	3 3	1 38	16 59	0 35	7 1	1 14	17 1	2 6	5 59	6 5	16 11	14 31	1 39
T 14	2 19	11 18	1 45	11 51	1 29	14 8	0 33	21 47	0 54	21 0	0 42	3 0	1 38	16 59	0 35	7 1	1 14	17 1	2 6	5 59	6 7	16 10	14 31	1 39
W15	1 55	7 20	0 26	11 25	1 35	14 35	0 37	21 50	0 54	21 1	0 42	2 57	1 38	16 58	0 35	7 2	1 14	17 1	2 6	5 59	6 8	16 10	14 32	1 39
T 16	1 31	2 57	0n55	10 59	1 40	15 1	0 41	21 53	0 53	21 3	0 42	2 55	1 38	16 57	0 35	7 3	1 14	17 2	2 7	5 59	6 9	16 9	14 33	1 39
F 17	1 7	1s32	2 11	10 31	1 45	15 27	0 46	21 56	0 52	21 4	0 42	2 52	1 38	16 56	0 35	7 4	1 14	17 2	2 7	5 59	6 10	16 8	14 34	1 39
S 18	0 43	5 50	3 17	10 2	1 49	15 52	0 50	21 59	0 52	21 6	0 42	2 49	1 38	16 55	0 35	7 5	1 14	17 2	2 7	6 0	6 12	16 7	14 35	1 39
S 19	0 20	9 42	4 10	9 32	1 53	16 18	0 55	22 1	0 51	21 7	0 41	2 46	1 38	16 55	0 35	7 5	1 14	17 3	2 7	6 0	6 13	16 6	14 35	1 39
M20	0n 4	12 58	4 48	9 1	1 57	16 42	0 59	22 4	0 50	21 8	0 41	2 43	1 39	16 54	0 35	7 6	1 14	17 3	2 7	6 1	6 14	16 5	14 36	1 39
T 21	0 28	15 29	5 10	8 29	2 1	17 7	1 3	22 6	0 49	21 10	0 41	2 41	1 39	16 53	0 35	7 7	1 14	17 3	2 7	6 2	6 15	16 5	14 37	1 39
W22	0 52	17 12	5 16	7 56	2 4	17 31	1 8	22 8	0 49	21 11	0 41	2 38	1 39	16 52	0 35	7 8	1 14	17 4	2 7	6 3	6 16	16 4	14 38	1 39
T 23	1 16	18 4	5 8	7 22	2 6	17 55	1 12	22 11	0 48	21 13	0 41	2 35	1 39	16 52	0 35	7 9	1 14	17 4	2 7	6 3	6 18	16 3	14 39	1 39
F 24	1 39	18 7	4 46	6 47	2 9	18 18	1 17	22 13	0 47	21 14	0 40	2 32	1 39	16 51	0 35	7 9	1 14	17 4	2 7	6 3	6 19	16 2	14 39	1 39
S 25	2 3	17 21	4 12	6 12	2 11	18 41	1 21	22 15	0 46	21 16	0 40	2 29	1 39	16 50	0 35	7 10	1 14	17 4	2 7	6 3	6 20	16 1	14 40	1 39
S 26	2 27	15 50	3 28	5 35	2 12	19 4	1 26	22 17	0 45	21 17	0 40	2 27	1 39	16 49	0 35	7 11	1 14	17 5	2 7	6 2	6 21	16 0	14 41	1 39
M27	2 50	13 38	2 35	4 57	2 13	19 26	1 30	22 19	0 44	21 19	0 40	2 24	1 39	16 49	0 35	7 12	1 14	17 5	2 7	6 1	6 22	16 0	14 42	1 39
T 28	3 14	10 51	1 34	4 19	2 14	19 47	1 35	22 21	0 43	21 20	0 40	2 21	1 39	16 48	0 35	7 13	1 14	17 5	2 7	6 1	6 24	15 59	14 43	1 39
W29	3 37	7 33	0 29	3 40	2 14	20 9	1 39	22 23	0 42	21 22	0 39	2 18	1 39	16 47	0 35	7 14	1 14	17 6	2 7	6 0	6 25	15 58	14 44	1 39
T 30	4 1	3 54	0s38	3 0	2 14	20 29	1 44	22 25	0 42	21 23	0 39	2 16	1 39	16 47	0 35	7 14	1 14	17 6	2 7	6 0	6 26	15 57	14 45	1 39
F 31	4n24	0n 0	1s45	2s19	2s14	20n50	1n49	22s27	0n41	21n25	0s39	2s13	1s39	16s46	0s35	7n15	1s14	17n 6	2n 7	6n 1	6n27	15s56	14n46	1s39

Julian Day Number = 3062655.5, Delta T = 02h32m20s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'50, Lahiri = 47°18'51

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

APRIL 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 42 36	12♈13'49	16♈52	1♈ 4	27♉ 4	25♐11	12♊25	28♓21	14♒59	21♈46	18°R40	14°R32	13♍23	3♒51	15♉35	S 1
S 2	12 46 33	13°13'55	29°54	2°48	28°10	25°31	12°35	28°28	15° 1	21°48	18♌40	14♍28	13°20	3°58	15°38	S 2
M 3	12 50 29	14°14'00	13♉10	4°34	29°16	25°52	12°46	28°36	15° 3	21°51	18°39	14°24	13°17	4° 4	15°41	M 3
T 4	12 54 26	15°14'02	26°39	6°21	0♊21	26°12	12°56	28°43	15° 6	21°53	18°38	14°19	13°13	4°11	15°45	T 4
W 5	12 58 22	16°14'03	10♊20	8°10	1°27	26°31	13° 7	28°50	15° 8	21°55	18°38	14°14	13°10	4°18	15°48	W 5
T 6	13 2 19	17°14'02	24°11	9°59	2°32	26°51	13°18	28°57	15°10	21°57	18°37	14°11	13° 7	4°24	15°52	T 6
F 7	13 6 16	18°13'58	8♋10	11°50	3°37	27° 9	13°28	29° 4	15°12	22° 0	18°37	14° 9	13° 4	4°31	15°55	F 7
S 8	13 10 12	19°13'53	22°16	13°41	4°41	27°28	13°39	29°11	15°14	22° 2	18°36	14°D 8	13° 1	4°38	15°58	S 8
S 9	13 14 9	20°13'45	6♌27	15°34	5°46	27°46	13°51	29°18	15°16	22° 4	18°35	14° 9	12°58	4°44	16° 2	S 9
M10	13 18 5	21°13'35	20°41	17°28	6°50	28° 3	14° 2	29°24	15°18	22° 7	18°35	14°11	12°54	4°51	16° 5	M10
T 11	13 22 2	22°13'23	4♍57	19°23	7°53	28°21	14°13	29°31	15°20	22° 9	18°34	14°12	12°51	4°58	16° 9	T 11
W12	13 25 58	23°13'09	19°12	21°19	8°57	28°37	14°24	29°38	15°22	22°11	18°34	14°R12	12°48	5° 4	16°12	W12
T 13	13 29 55	24°12'52	3♎21	23°16	10° 0	28°54	14°36	29°45	15°24	22°13	18°34	14°11	12°45	5°11	16°16	T 13
F 14	13 33 51	25°12'34	17°22	25°14	11° 2	29° 9	14°47	29°52	15°25	22°16	18°33	14° 7	12°42	5°18	16°19	F 14
S 15	13 37 48	26°12'14	1♏ 9	27°13	12° 5	29°25	14°59	29°59	15°27	22°18	18°33	14° 2	12°38	5°24	16°23	S 15
S 16	13 41 45	27°11'52	14°40	29°13	13° 7	29°40	15°10	0♈ 5	15°29	22°20	18°32	13°55	12°35	5°31	16°26	S 16
M17	13 45 41	28°11'28	27°52	1♉14	14° 8	29°54	15°22	0°12	15°30	22°22	18°32	13°47	12°32	5°38	16°30	M17
T 18	13 49 38	29°11'02	10♐44	3°15	15° 9	0♑ 8	15°34	0°19	15°32	22°25	18°32	13°39	12°29	5°44	16°33	T 18
W19	13 53 34	0♉10'35	23°17	5°16	16°10	0°22	15°46	0°25	15°34	22°27	18°31	13°32	12°26	5°51	16°37	W19
T 20	13 57 31	1°10'06	5♑34	7°18	17°11	0°35	15°58	0°32	15°35	22°29	18°31	13°27	12°23	5°58	16°41	T 20
F 21	14 1 27	2° 9'35	17°37	9°20	18°11	0°47	16°10	0°38	15°37	22°31	18°31	13°24	12°19	6° 4	16°44	F 21
S 22	14 5 24	3° 9'03	29°30	11°21	19°11	0°59	16°22	0°45	15°38	22°34	18°31	13°D22	12°16	6°11	16°48	S 22
S 23	14 9 20	4° 8'29	11♒20	13°22	20°10	1°10	16°35	0°51	15°39	22°36	18°30	13°23	12°13	6°18	16°52	S 23
M24	14 13 17	5° 7'53	23°11	15°22	21° 9	1°21	16°47	0°58	15°41	22°38	18°30	13°24	12°10	6°24	16°55	M24
T 25	14 17 13	6° 7'16	5♓ 8	17°20	22° 7	1°31	16°59	1° 4	15°42	22°40	18°30	13°25	12° 7	6°31	16°59	T 25
W26	14 21 10	7° 6'36	17°16	19°17	23° 5	1°41	17°12	1°11	15°43	22°43	18°30	13°R25	12° 4	6°38	17° 3	W26
T 27	14 25 7	8° 5'55	29°40	21°12	24° 2	1°50	17°24	1°17	15°44	22°45	18°30	13°23	12° 0	6°44	17° 6	T 27
F 28	14 29 3	9° 5'12	12♈23	23° 5	24°59	1°59	17°37	1°23	15°45	22°47	18°30	13°20	11°57	6°51	17°10	F 28
S 29	14 33 0	10° 4'28	25°26	24°55	25°55	2° 6	17°49	1°29	15°46	22°49	18°30	13°14	11°54	6°58	17°14	S 29
S 30	14 36 56	11♉ 3'41	8♉49	26♉41	26♊51	2♑13	18♊ 2	1♈36	15♒47	22♈52	18°D30	13♍ 5	11♍51	7♒ 4	17♉18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n47	3n59	2s48	1s37	2s12	21n10	1n53	22s29	0n40	21n26	0s39	2s10	1s39	16s45	0s35	7n16	1s14	17n 6	2n 7	6n 2	6n28	15s55	14n47	1s39
S 2	5 11	7 51	3 43	0 54	2 11	21 29	1 58	22 30	0 39	21 28	0 39	2 7	1 39	16 45	0 35	7 17	1 14	17 7	2 7	6 4	6 30	15 55	14 47	1 39
M 3	5 34	11 23	4 28	0 11	2 9	21 48	2 2	22 32	0 37	21 29	0 38	2 5	1 40	16 44	0 35	7 18	1 14	17 7	2 7	6 5	6 31	15 54	14 48	1 39
T 4	5 57	14 24	4 58	0n34	2 7	22 6	2 7	22 34	0 36	21 31	0 38	2 2	1 40	16 43	0 35	7 19	1 14	17 7	2 7	6 7	6 32	15 53	14 49	1 39
W 5	6 20	16 39	5 12	1 19	2 4	22 24	2 11	22 35	0 35	21 32	0 38	1 59	1 40	16 43	0 35	7 19	1 14	17 7	2 7	6 9	6 33	15 52	14 50	1 39
T 6	6 43	17 58	5 8	2 4	2 1	22 41	2 15	22 37	0 34	21 34	0 38	1 57	1 40	16 42	0 35	7 20	1 14	17 7	2 7	6 10	6 34	15 51	14 51	1 39
F 7	7 5	18 13	4 45	2 50	1 57	22 58	2 20	22 38	0 33	21 35	0 38	1 54	1 40	16 42	0 35	7 21	1 14	17 8	2 7	6 11	6 36	15 50	14 52	1 39
S 8	7 28	17 21	4 6	3 37	1 52	23 15	2 24	22 40	0 32	21 37	0 38	1 51	1 40	16 41	0 35	7 22	1 14	17 8	2 7	6 11	6 37	15 49	14 53	1 39
S 9	7 50	15 24	3 11	4 25	1 48	23 31	2 29	22 42	0 31	21 38	0 37	1 49	1 40	16 41	0 35	7 23	1 14	17 8	2 7	6 11	6 38	15 48	14 54	1 39
M10	8 12	12 30	2 5	5 13	1 42	23 46	2 33	22 43	0 29	21 40	0 37	1 46	1 40	16 40	0 36	7 24	1 14	17 8	2 7	6 10	6 39	15 48	14 55	1 39
T 11	8 35	8 50	0 50	6 2	1 36	24 1	2 37	22 45	0 28	21 41	0 37	1 43	1 40	16 40	0 36	7 24	1 14	17 8	2 7	6 10	6 41	15 47	14 56	1 39
W12	8 57	4 39	0n27	6 51	1 30	24 15	2 41	22 46	0 27	21 43	0 37	1 41	1 40	16 39	0 36	7 25	1 14	17 8	2 7	6 10	6 42	15 46	14 57	1 39
T 13	9 18	0 15	1 42	7 40	1 23	24 29	2 46	22 47	0 26	21 44	0 37	1 38	1 40	16 39	0 36	7 26	1 14	17 9	2 7	6 10	6 43	15 45	14 58	1 39
F 14	9 40	4s 8	2 50	8 30	1 16	24 42	2 50	22 49	0 24	21 45	0 37	1 36	1 41	16 38	0 36	7 27	1 14	17 9	2 7	6 12	6 44	15 44	14 59	1 40
S 15	10 2	8 13	3 47	9 20	1 8	24 54	2 54	22 50	0 23	21 47	0 36	1 33	1 41	16 38	0 36	7 28	1 14	17 9	2 7	6 14	6 45	15 43	15 0	1 40
S 16	10 23	11 47	4 30	10 10	1 0	25 6	2 58	22 52	0 21	21 48	0 36	1 31	1 41	16 37	0 36	7 29	1 14	17 9	2 7	6 16	6 47	15 42	15 1	1 40
M17	10 44	14 41	4 57	11 0	0 51	25 18	3 2	22 53	0 20	21 50	0 36	1 28	1 41	16 37	0 36	7 29	1 14	17 9	2 7	6 19	6 48	15 41	15 2	1 40
T 18	11 5	16 46	5 8	11 50	0 42	25 29	3 6	22 55	0 19	21 51	0 36	1 26	1 41	16 36	0 36	7 30	1 14	17 9	2 7	6 22	6 49	15 40	15 2	1 40
W19	11 26	17 59	5 4	12 40	0 32	25 39	3 10	22 56	0 17	21 53	0 36	1 23	1 41	16 36	0 36	7 31	1 14	17 9	2 7	6 25	6 50	15 39	15 3	1 40
T 20	11 47	18 21	4 46	13 29	0 22	25 49	3 14	22 58	0 15	21 54	0 36	1 21	1 41	16 35	0 36	7 32	1 14	17 9	2 7	6 27	6 51	15 39	15 4	1 40
F 21	12 7	17 51	4 16	14 18	0 11	25 59	3 17	22 59	0 14	21 55	0 35	1 18	1 41	16 35	0 36	7 33	1 14	17 10	2 7	6 28	6 53	15 38	15 5	1 40
S 22	12 27	16 34	3 34	15 6	0 0	26 7	3 21	23 1	0 12	21 57	0 35	1 16	1 42	16 35	0 36	7 33	1 14	17 10	2 7	6 29	6 54	15 37	15 6	1 40
S 23	12 47	14 35	2 44	15 53	0n11	26 16	3 24	23 2	0 11	21 58	0 35	1 13	1 42	16 34	0 36	7 34	1 14	17 10	2 7	6 29	6 55	15 36	15 7	1 40
M24	13 7	11 59	1 47	16 39	0 22	26 23	3 28	23 4	0 9	21 59	0 35	1 11	1 42	16 34	0 36	7 35	1 14	17 10	2 7	6 28	6 56	15 35	15 8	1 40
T 25	13 26	8 51	0 45	17 23	0 33	26 30	3 31	23 6	0 7	22 1	0 35	1 8	1 42	16 34	0 36	7 36	1 14	17 10	2 7	6 28	6 57	15 34	15 9	1 40
W26	13 46	5 18	0s21	18 6	0 45	26 37	3 35	23 7	0 5	22 2	0 35	1 6	1 42	16 33	0 36	7 37	1 14	17 10	2 7	6 28	6 59	15 33	15 10	1 40
T 27	14 5	1 27	1 26	18 48	0 56	26 43	3 38	23 9	0 4	22 3	0 35	1 4	1 42	16 33	0 36	7 38	1 14	17 10	2 7	6 28	7 0	15 32	15 11	1 40
F 28	14 24	2n34	2 29	19 28	1 7	26 48	3 41	23 11	0 2	22 5	0 34	1 1	1 42	16 33	0 36	7 38	1 14	17 10	2 7	6 30	7 1	15 31	15 12	1 40
S 29	14 42	6 33	3 25	20 5	1 18	26 53	3 44	23 12	0s 0	22 6	0 34	0 59	1 43	16 32	0 36	7 39	1 14	17 10	2 7	6 32	7 2	15 30	15 13	1 40
S 30	15n 1	10n19	4s12	20n41	1n29	26n58	3n47	23s14	0s 2	22n 7	0s34	0s57	1s43	16s32	0s36	7n40	1s14	17n10	2n 7	6n35	7n 3	15s29	15n14	1s40

Julian Day Number = 3062686.5, Delta T = 02h32m21s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'54, Lahiri = 47°18'55

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

MAY 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 40 53	12♉ 2'53	22♉30	28♉24	27♊46	2♋20	18♊15	1♈42	15♒48	22♈54	18♌30	12°R56	11♍48	7♒11	17♉21	M 1
T 2	14 44 49	13° 2'03	6♊27	0♊ 3	28°41	2°26	18°28	1°48	15°49	22°56	18°30	12♍46	11°44	7°18	17°25	T 2
W 3	14 48 46	14° 1'10	20°35	1°38	29°35	2°31	18°41	1°54	15°50	22°58	18°30	12°36	11°41	7°24	17°29	W 3
T 4	14 52 42	15° 0'16	4♋48	3° 9	0♋29	2°36	18°54	2° 0	15°51	23° 0	18°30	12°29	11°38	7°31	17°32	T 4
F 5	14 56 39	15°59'19	19° 3	4°34	1°21	2°39	19° 7	2° 6	15°52	23° 2	18°30	12°24	11°35	7°38	17°36	F 5
S 6	15 0 36	16°58'21	3♌17	5°55	2°14	2°43	19°20	2°12	15°52	23° 4	18°30	12°21	11°32	7°44	17°40	S 6
S 7	15 4 32	17°57'19	17°26	7°10	3° 5	2°45	19°33	2°17	15°53	23° 7	18°30	12°D20	11°29	7°51	17°44	S 7
M 8	15 8 29	18°56'16	1♍30	8°20	3°56	2°47	19°46	2°23	15°54	23° 9	18°31	12°20	11°25	7°58	17°47	M 8
T 9	15 12 25	19°55'10	15°27	9°24	4°46	2°48	19°59	2°29	15°54	23°11	18°31	12°R21	11°22	8° 4	17°51	T 9
W10	15 16 22	20°54'02	29°18	10°22	5°35	2°R48	20°13	2°34	15°55	23°13	18°31	12°19	11°19	8°11	17°55	W10
T 11	15 20 18	21°52'52	13♎ 1	11°15	6°23	2°48	20°26	2°40	15°55	23°15	18°31	12°16	11°16	8°18	17°59	T 11
F 12	15 24 15	22°51'40	26°35	12° 2	7°11	2°47	20°39	2°46	15°56	23°17	18°32	12°10	11°13	8°24	18° 2	F 12
S 13	15 28 11	23°50'26	9♏59	12°42	7°57	2°45	20°53	2°51	15°56	23°19	18°32	12° 1	11°10	8°31	18° 6	S 13
S 14	15 32 8	24°49'10	23°10	13°17	8°43	2°42	21° 6	2°56	15°56	23°21	18°32	11°50	11° 6	8°38	18°10	S 14
M15	15 36 5	25°47'52	6♐ 7	13°45	9°28	2°39	21°20	3° 2	15°56	23°23	18°33	11°37	11° 3	8°44	18°14	M15
T 16	15 40 1	26°46'32	18°49	14° 8	10°12	2°35	21°33	3° 7	15°57	23°25	18°33	11°25	11° 0	8°51	18°17	T 16
W17	15 43 58	27°45'11	1♑16	14°24	10°54	2°30	21°47	3°12	15°57	23°27	18°33	11°13	10°57	8°58	18°21	W17
T 18	15 47 54	28°43'47	13°29	14°35	11°36	2°24	22° 0	3°17	15°57	23°29	18°34	11° 4	10°54	9° 4	18°25	T 18
F 19	15 51 51	29°42'23	25°30	14°R39	12°17	2°18	22°14	3°22	15°R57	23°31	18°34	10°57	10°50	9°11	18°28	F 19
S 20	15 55 47	0♊40'56	7♒23	14°38	12°56	2°11	22°28	3°27	15°57	23°33	18°35	10°53	10°47	9°18	18°32	S 20
S 21	15 59 44	1°39'28	19°12	14°31	13°35	2° 3	22°41	3°32	15°57	23°35	18°35	10°51	10°44	9°24	18°36	S 21
M22	16 3 40	2°37'58	1♓ 2	14°19	14°12	1°54	22°55	3°37	15°57	23°37	18°36	10°D50	10°41	9°31	18°39	M22
T 23	16 7 37	3°36'27	12°59	14° 2	14°47	1°45	23° 9	3°42	15°57	23°38	18°36	10°R50	10°38	9°38	18°43	T 23
W24	16 11 34	4°34'54	25° 7	13°41	15°22	1°34	23°23	3°47	15°56	23°40	18°37	10°49	10°35	9°44	18°47	W24
T 25	16 15 30	5°33'20	7♈34	13°15	15°55	1°23	23°36	3°51	15°56	23°42	18°38	10°47	10°31	9°51	18°50	T 25
F 26	16 19 27	6°31'44	20°21	12°46	16°27	1°12	23°50	3°56	15°56	23°44	18°38	10°43	10°28	9°58	18°54	F 26
S 27	16 23 23	7°30'07	3♉33	12°14	16°57	0°59	24° 4	4° 0	15°55	23°46	18°39	10°36	10°25	10° 4	18°58	S 27
S 28	16 27 20	8°28'28	17°10	11°39	17°26	0°46	24°18	4° 5	15°55	23°47	18°39	10°26	10°22	10°11	19° 1	S 28
M29	16 31 16	9°26'48	1♊11	11° 3	17°53	0°32	24°32	4° 9	15°54	23°49	18°40	10°15	10°19	10°18	19° 5	M29
T 30	16 35 13	10°25'06	15°32	10°26	18°19	0°18	24°46	4°13	15°54	23°51	18°41	10° 3	10°16	10°24	19° 8	T 30
W31	16 39 9	11♊23'22	0♋ 6	9♊48	18♋43	0♋ 2	25♊ 0	4♈18	15♒53	23♈53	18♌42	9♍52	10♍12	10♒31	19♉12	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n19	13n38	4s45	21n15	1n40	27n 2	3n50	23s16	0s 4	22n 9	0s34	0s54	1s43	16s32	0s36	7n41	1s14	17n10	2n 7	6n39	7n 5	15s28	15n15	1s40
T 2	15 37	16 13	5 2	21 46	1 50	27 5	3 52	23 18	0 6	22 10	0 34	0 52	1 43	16 32	0 36	7 41	1 14	17 10	2 7	6 43	7 6	15 27	15 16	1 40
W 3	15 54	17 53	5 1	22 15	1 59	27 8	3 55	23 20	0 8	22 11	0 34	0 50	1 43	16 31	0 36	7 42	1 14	17 10	2 7	6 46	7 7	15 26	15 17	1 41
T 4	16 11	18 27	4 42	22 41	2 8	27 11	3 57	23 22	0 10	22 12	0 34	0 48	1 43	16 31	0 36	7 43	1 14	17 10	2 7	6 49	7 8	15 26	15 18	1 41
F 5	16 28	17 51	4 5	23 5	2 16	27 12	4 0	23 24	0 12	22 13	0 33	0 46	1 43	16 31	0 36	7 44	1 14	17 10	2 7	6 51	7 9	15 25	15 19	1 41
S 6	16 45	16 7	3 12	23 27	2 23	27 14	4 2	23 26	0 14	22 15	0 33	0 43	1 44	16 31	0 36	7 45	1 14	17 10	2 7	6 52	7 11	15 24	15 20	1 41
S 7	17 2	13 25	2 9	23 46	2 30	27 15	4 4	23 28	0 17	22 16	0 33	0 41	1 44	16 31	0 36	7 45	1 14	17 10	2 7	6 52	7 12	15 23	15 21	1 41
M 8	17 18	9 57	0 58	24 3	2 35	27 15	4 6	23 30	0 19	22 17	0 33	0 39	1 44	16 31	0 37	7 46	1 14	17 10	2 8	6 52	7 13	15 22	15 22	1 41
T 9	17 34	5 56	0n17	24 18	2 40	27 15	4 7	23 33	0 21	22 18	0 33	0 37	1 44	16 30	0 37	7 47	1 14	17 10	2 8	6 52	7 14	15 21	15 23	1 41
W10	17 49	1 38	1 29	24 30	2 43	27 15	4 9	23 35	0 23	22 19	0 33	0 35	1 44	16 30	0 37	7 48	1 14	17 10	2 8	6 53	7 15	15 20	15 24	1 41
T 11	18 4	2s42	2 35	24 40	2 46	27 14	4 10	23 37	0 26	22 20	0 33	0 33	1 44	16 30	0 37	7 48	1 14	17 10	2 8	6 54	7 17	15 19	15 25	1 41
F 12	18 19	6 52	3 32	24 47	2 47	27 13	4 12	23 40	0 28	22 21	0 33	0 31	1 45	16 30	0 37	7 49	1 14	17 10	2 8	6 56	7 18	15 18	15 26	1 41
S 13	18 34	10 37	4 16	24 53	2 47	27 11	4 13	23 42	0 31	22 22	0 32	0 29	1 45	16 30	0 37	7 50	1 14	17 10	2 8	7 0	7 19	15 17	15 27	1 41
S 14	18 48	13 47	4 46	24 56	2 46	27 9	4 13	23 45	0 33	22 23	0 32	0 27	1 45	16 30	0 37	7 50	1 14	17 9	2 8	7 4	7 20	15 16	15 28	1 41
M15	19 2	16 12	5 0	24 57	2 44	27 7	4 14	23 47	0 36	22 24	0 32	0 25	1 45	16 30	0 37	7 51	1 14	17 9	2 8	7 8	7 21	15 15	15 28	1 41
T 16	19 16	17 48	4 59	24 57	2 40	27 4	4 15	23 50	0 38	22 25	0 32	0 23	1 45	16 30	0 37	7 52	1 14	17 9	2 8	7 13	7 23	15 14	15 29	1 42
W17	19 29	18 30	4 43	24 54	2 36	27 1	4 15	23 53	0 41	22 26	0 32	0 21	1 46	16 30	0 37	7 52	1 14	17 9	2 8	7 17	7 24	15 13	15 30	1 42
T 18	19 42	18 19	4 15	24 49	2 29	26 57	4 15	23 56	0 44	22 27	0 32	0 19	1 46	16 30	0 37	7 53	1 14	17 9	2 8	7 21	7 25	15 12	15 31	1 42
F 19	19 54	17 19	3 36	24 42	2 22	26 53	4 15	23 58	0 46	22 28	0 32	0 18	1 46	16 30	0 37	7 54	1 14	17 9	2 8	7 24	7 26	15 11	15 32	1 42
S 20	20 6	15 33	2 47	24 33	2 13	26 49	4 14	24 1	0 49	22 29	0 32	0 16	1 46	16 30	0 37	7 55	1 14	17 9	2 8	7 25	7 27	15 10	15 33	1 42
S 21	20 18	13 9	1 52	24 22	2 3	26 45	4 14	24 4	0 52	22 30	0 31	0 14	1 46	16 30	0 37	7 55	1 14	17 9	2 8	7 26	7 28	15 9	15 34	1 42
M22	20 30	10 12	0 52	24 9	1 52	26 40	4 13	24 7	0 55	22 31	0 31	0 12	1 46	16 30	0 37	7 56	1 14	17 8	2 8	7 26	7 30	15 8	15 35	1 42
T 23	20 41	6 48	0s11	23 55	1 39	26 35	4 12	24 10	0 58	22 32	0 31	0 11	1 47	16 30	0 37	7 56	1 14	17 8	2 8	7 26	7 31	15 7	15 36	1 42
W24	20 52	3 4	1 15	23 39	1 25	26 29	4 10	24 13	1 1	22 32	0 31	0 9	1 47	16 30	0 37	7 57	1 14	17 8	2 8	7 26	7 32	15 6	15 37	1 42
T 25	21 2	0n53	2 17	23 21	1 11	26 24	4 9	24 16	1 3	22 33	0 31	0 7	1 47	16 30	0 37	7 58	1 15	17 8	2 8	7 27	7 33	15 5	15 38	1 42
F 26	21 12	4 54	3 13	23 2	0 55	26 18	4 7	24 19	1 6	22 34	0 31	0 6	1 47	16 31	0 37	7 58	1 15	17 8	2 8	7 29	7 34	15 4	15 38	1 43
S 27	21 22	8 48	4 1	22 42	0 39	26 12	4 4	24 22	1 9	22 35	0 31	0 4	1 47	16 31	0 37	7 59	1 15	17 8	2 8	7 32	7 36	15 3	15 39	1 43
S 28	21 31	12 23	4 37	22 21	0 22	26 6	4 2	24 26	1 12	22 35	0 31	0 3	1 48	16 31	0 37	8 0	1 15	17 7	2 8	7 35	7 37	15 2	15 40	1 43
M29	21 40	15 22	4 57	21 58	0 5	25 59	3 59	24 29	1 15	22 36	0 31	0 1	1 48	16 31	0 37	8 0	1 15	17 7	2 8	7 40	7 38	15 1	15 41	1 43
T 30	21 48	17 29	4 59	21 36	0s13	25 52	3 56	24 32	1 18	22 37	0 31	0n 0	1 48	16 31	0 37	8 1	1 15	17 7	2 8	7 44	7 39	15 0	15 42	1 43
W31	21n57	18n31	4s42	21n13	0s31	25n46	3n52	24s35	1s21	22n37	0s30	0n 2	1s48	16s31	0s37	8n 1	1s15	17n 7	2n 8	7n48	7n40	14s59	15n43	1s43

Julian Day Number = 3062716.5, Delta T = 02h32m22s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°11'59, Lahiri = 47°18'59

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

JUNE 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 43 6	12♊21'37	14♋45	9°R11	19♋ 5	29°R47	25♊14	4♈22	15°R53	23♈54	18♌42	9°R42	10♍ 9	10♒38	19♉15	T 1
F 2	16 47 3	13°19'50	29°24	8♊34	19°25	29♐30	25°28	4°26	15♒52	23°56	18°43	9♍36	10° 6	10°44	19°19	F 2
S 3	16 50 59	14°18'01	13♌55	7°59	19°44	29°13	25°42	4°30	15°51	23°57	18°44	9°32	10° 3	10°51	19°22	S 3
S 4	16 54 56	15°16'10	28°14	7°26	20° 0	28°55	25°56	4°34	15°51	23°59	18°45	9°30	10° 0	10°58	19°26	S 4
M 5	16 58 52	16°14'17	12♍20	6°56	20°15	28°37	26°10	4°37	15°50	24° 1	18°46	9°30	9°56	11° 4	19°29	M 5
T 6	17 2 49	17°12'22	26°12	6°29	20°27	28°19	26°24	4°41	15°49	24° 2	18°47	9°30	9°53	11°11	19°33	T 6
W 7	17 6 45	18°10'25	9♎50	6° 5	20°37	28° 0	26°38	4°45	15°48	24° 4	18°47	9°28	9°50	11°18	19°36	W 7
T 8	17 10 42	19° 8'27	23°15	5°45	20°45	27°40	26°52	4°48	15°47	24° 5	18°48	9°25	9°47	11°24	19°40	T 8
F 9	17 14 38	20° 6'26	6♏28	5°30	20°51	27°20	27° 7	4°52	15°46	24° 7	18°49	9°19	9°44	11°31	19°43	F 9
S 10	17 18 35	21° 4'25	19°30	5°18	20°55	27° 0	27°21	4°55	15°45	24° 8	18°50	9°10	9°41	11°38	19°46	S 10
S 11	17 22 32	22° 2'21	2♐20	5°11	20°R56	26°40	27°35	4°58	15°44	24°10	18°51	8°58	9°37	11°44	19°50	S 11
M12	17 26 28	23° 0'16	14°58	5°D 8	20°54	26°19	27°49	5° 2	15°43	24°11	18°52	8°46	9°34	11°51	19°53	M12
T 13	17 30 25	23°58'10	27°25	5°10	20°51	25°58	28° 3	5° 5	15°42	24°12	18°53	8°33	9°31	11°58	19°56	T 13
W14	17 34 21	24°56'02	9♑41	5°17	20°45	25°37	28°17	5° 8	15°41	24°14	18°54	8°21	9°28	12° 4	19°59	W14
T 15	17 38 18	25°53'53	21°46	5°28	20°36	25°15	28°31	5°11	15°39	24°15	18°55	8°11	9°25	12°11	20° 3	T 15
F 16	17 42 14	26°51'42	3♒42	5°44	20°25	24°54	28°46	5°14	15°38	24°16	18°56	8° 4	9°22	12°18	20° 6	F 16
S 17	17 46 11	27°49'31	15°32	6° 4	20°12	24°32	29° 0	5°16	15°37	24°18	18°57	7°59	9°18	12°24	20° 9	S 17
S 18	17 50 8	28°47'18	27°20	6°28	19°56	24°11	29°14	5°19	15°35	24°19	18°59	7°57	9°15	12°31	20°12	S 18
M19	17 54 4	29°45'04	9♓ 9	6°57	19°38	23°49	29°28	5°22	15°34	24°20	19° 0	7°D56	9°12	12°38	20°15	M19
T 20	17 58 1	0♋42'49	21° 5	7°29	19°18	23°28	29°42	5°24	15°33	24°21	19° 1	7°57	9° 9	12°44	20°18	T 20
W21	18 1 57	1°40'33	3♈13	8° 6	18°55	23° 7	29°56	5°27	15°31	24°22	19° 2	7°R57	9° 6	12°51	20°21	W21
T 22	18 5 54	2°38'16	15°38	8°47	18°31	22°46	0♋10	5°29	15°29	24°23	19° 3	7°56	9° 2	12°58	20°24	T 22
F 23	18 9 50	3°35'59	28°25	9°31	18° 4	22°25	0°24	5°31	15°28	24°24	19° 4	7°54	8°59	13° 4	20°27	F 23
S 24	18 13 47	4°33'40	11♉38	10°19	17°35	22° 4	0°39	5°33	15°26	24°26	19° 6	7°49	8°56	13°11	20°30	S 24
S 25	18 17 43	5°31'21	25°19	11°11	17° 5	21°44	0°53	5°35	15°25	24°27	19° 7	7°42	8°53	13°18	20°33	S 25
M26	18 21 40	6°29'00	9♊28	12° 6	16°33	21°24	1° 7	5°37	15°23	24°28	19° 8	7°33	8°50	13°24	20°36	M26
T 27	18 25 37	7°26'39	24° 0	13° 5	15°59	21° 4	1°21	5°39	15°21	24°29	19° 9	7°24	8°47	13°31	20°39	T 27
W28	18 29 33	8°24'17	8♋51	14° 7	15°24	20°45	1°35	5°41	15°20	24°29	19°11	7°15	8°43	13°38	20°41	W28
T 29	18 33 30	9°21'54	23°51	15°12	14°49	20°26	1°49	5°42	15°18	24°30	19°12	7° 7	8°40	13°44	20°44	T 29
F 30	18 37 26	10♋19'29	8♌51	16♊20	14♋12	20♐ 8	2♋ 3	5♈44	15♒16	24♈31	19♌13	7♍ 2	8♍37	13♒51	20♉47	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n 4	18n19	4s 7	20n50	0s48	25n39	3n48	24s38	1s25	22n38	0s30	0n 3	1s49	16s32	0s37	8n 2	1s15	17n 6	2n 8	7n52	7n42	14s58	15n44	1s43	T 1
F 2	22 12	16 55	3 15	20 27	1 6	25 32	3 44	24 41	1 28	22 38	0 30	0 5	1 49	16 32	0 37	8 3	1 15	17 6	2 8	7 54	7 43	14 57	15 44	1 43	F 2
S 3	22 18	14 25	2 11	20 5	1 23	25 24	3 39	24 44	1 31	22 39	0 30	0 6	1 49	16 32	0 38	8 3	1 15	17 6	2 8	7 56	7 44	14 56	15 45	1 43	S 3
S 4	22 25	11 3	0 59	19 43	1 39	25 17	3 34	24 47	1 34	22 40	0 30	0 7	1 49	16 32	0 38	8 4	1 15	17 6	2 8	7 56	7 45	14 55	15 46	1 43	S 4
M 5	22 31	7 6	0n15	19 22	1 55	25 9	3 29	24 50	1 37	22 40	0 30	0 9	1 49	16 33	0 38	8 4	1 15	17 6	2 8	7 56	7 46	14 54	15 47	1 44	M 5
T 6	22 37	2 50	1 27	19 3	2 10	25 2	3 23	24 53	1 40	22 41	0 30	0 10	1 50	16 33	0 38	8 5	1 15	17 5	2 8	7 56	7 48	14 53	15 48	1 44	T 6
W 7	22 42	1s30	2 33	18 45	2 25	24 54	3 17	24 55	1 43	22 41	0 30	0 11	1 50	16 33	0 38	8 5	1 15	17 5	2 8	7 57	7 49	14 52	15 48	1 44	W 7
T 8	22 47	5 42	3 29	18 29	2 38	24 46	3 10	24 58	1 46	22 41	0 30	0 12	1 50	16 34	0 38	8 6	1 15	17 5	2 8	7 58	7 50	14 51	15 49	1 44	T 8
F 9	22 51	9 33	4 14	18 14	2 50	24 38	3 3	25 1	1 49	22 42	0 30	0 14	1 50	16 34	0 38	8 6	1 15	17 4	2 8	8 0	7 51	14 50	15 50	1 44	F 9
S 10	22 55	12 53	4 44	18 1	3 1	24 30	2 56	25 3	1 52	22 42	0 29	0 15	1 50	16 34	0 38	8 7	1 15	17 4	2 8	8 4	7 52	14 48	15 51	1 44	S 10
S 11	22 59	15 33	4 59	17 50	3 11	24 22	2 48	25 6	1 55	22 43	0 29	0 16	1 51	16 35	0 38	8 7	1 15	17 4	2 8	8 8	7 53	14 47	15 51	1 44	S 11
M12	23 2	17 26	4 59	17 41	3 20	24 14	2 39	25 8	1 58	22 43	0 29	0 17	1 51	16 35	0 38	8 8	1 15	17 4	2 8	8 13	7 55	14 46	15 52	1 44	M12
T 13	23 5	18 27	4 45	17 33	3 28	24 6	2 30	25 11	2 1	22 43	0 29	0 18	1 51	16 35	0 38	8 8	1 15	17 3	2 8	8 17	7 56	14 45	15 53	1 45	T 13
W14	23 8	18 35	4 18	17 28	3 35	23 57	2 21	25 13	2 4	22 44	0 29	0 19	1 51	16 36	0 38	8 9	1 15	17 3	2 8	8 22	7 57	14 44	15 54	1 45	W14
T 15	23 10	17 52	3 39	17 24	3 41	23 49	2 11	25 15	2 7	22 44	0 29	0 20	1 52	16 36	0 38	8 9	1 15	17 3	2 8	8 25	7 58	14 43	15 54	1 45	T 15
F 16	23 11	16 22	2 51	17 22	3 45	23 40	2 1	25 17	2 10	22 44	0 29	0 21	1 52	16 36	0 38	8 9	1 15	17 2	2 8	8 28	7 59	14 42	15 55	1 45	F 16
S 17	23 12	14 11	1 56	17 22	3 49	23 32	1 50	25 19	2 13	22 44	0 29	0 22	1 52	16 37	0 38	8 10	1 15	17 2	2 8	8 30	8 1	14 41	15 56	1 45	S 17
S 18	23 13	11 24	0 56	17 23	3 52	23 23	1 39	25 21	2 15	22 44	0 29	0 22	1 52	16 37	0 38	8 10	1 15	17 2	2 8	8 31	8 2	14 40	15 56	1 45	S 18
M19	23 13	8 10	0s 6	17 26	3 53	23 14	1 27	25 23	2 18	22 45	0 29	0 23	1 53	16 38	0 38	8 11	1 16	17 1	2 8	8 31	8 3	14 39	15 57	1 45	M19
T 20	23 13	4 34	1 10	17 31	3 54	23 5	1 15	25 24	2 21	22 45	0 29	0 24	1 53	16 38	0 38	8 11	1 16	17 1	2 8	8 31	8 4	14 38	15 58	1 46	T 20
W21	23 13	0 44	2 11	17 37	3 54	22 56	1 2	25 26	2 23	22 45	0 28	0 25	1 53	16 39	0 38	8 11	1 16	17 1	2 8	8 31	8 5	14 37	15 58	1 46	W21
T 22	23 12	3n13	3 7	17 44	3 53	22 46	0 49	25 27	2 26	22 45	0 28	0 25	1 53	16 39	0 38	8 12	1 16	17 0	2 8	8 31	8 6	14 36	15 59	1 46	T 22
F 23	23 10	7 8	3 56	17 52	3 51	22 37	0 36	25 29	2 29	22 45	0 28	0 26	1 54	16 40	0 38	8 12	1 16	17 0	2 8	8 32	8 8	14 35	16 0	1 46	F 23
S 24	23 9	10 50	4 34	18 2	3 48	22 27	0 23	25 30	2 31	22 45	0 28	0 27	1 54	16 40	0 38	8 12	1 16	17 0	2 8	8 34	8 9	14 33	16 0	1 46	S 24
S 25	23 6	14 6	4 58	18 12	3 45	22 17	0 9	25 31	2 33	22 45	0 28	0 27	1 54	16 41	0 38	8 13	1 16	16 59	2 8	8 36	8 10	14 32	16 1	1 46	S 25
M26	23 4	16 39	5 4	18 24	3 41	22 8	0s 5	25 32	2 36	22 45	0 28	0 28	1 54	16 41	0 38	8 13	1 16	16 59	2 8	8 40	8 11	14 31	16 2	1 46	M26
T 27	23 1	18 13	4 52	18 36	3 36	21 57	0 19	25 33	2 38	22 45	0 28	0 28	1 54	16 42	0 38	8 13	1 16	16 59	2 8	8 43	8 12	14 30	16 2	1 47	T 27
W28	22 57	18 36	4 20	18 48	3 30	21 47	0 33	25 34	2 40	22 45	0 28	0 29	1 55	16 42	0 38	8 14	1 16	16 58	2 8	8 46	8 14	14 29	16 3	1 47	W28
T 29	22 54	17 42	3 30	19 2	3 24	21 37	0 48	25 34	2 42	22 45	0 28	0 29	1 55	16 43	0 38	8 14	1 16	16 58	2 8	8 49	8 15	14 28	16 3	1 47	T 29
F 30	22n49	15n33	2s25	19n15	3s17	21n27	1s 2	25s35	2s44	22n45	0s28	0n29	1s55	16s43	0s38	8n14	1s16	16n57	2n 8	8n51	8n16	14s27	16n 4	1s47	F 30

Julian Day Number = 3062747.5, Delta T = 02h32m23s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'03, Lahiri = 47°19'03

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

JULY 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 41 23	11♋17'04	23♌43	17♊32	13°R35	19°R50	2♋17	5♈45	15°R14	24♈32	19♌15	7°R 0	8♍34	13♒58	20♉50	S 1
S 2	18 45 19	12°14'37	8♍20	18°46	12♋58	19♐33	2°31	5°47	15♒12	24°33	19°16	6°D59	8°31	14° 4	20°52	S 2
M 3	18 49 16	13°12'09	22°37	20° 4	12°20	19°17	2°45	5°48	15°10	24°34	19°17	7♍ 0	8°28	14°11	20°55	M 3
T 4	18 53 12	14° 9'40	6♎35	21°24	11°43	19° 1	2°59	5°49	15° 8	24°34	19°19	7° 0	8°24	14°18	20°57	T 4
W 5	18 57 9	15° 7'10	20°12	22°48	11° 5	18°46	3°13	5°50	15° 6	24°35	19°20	7°R 1	8°21	14°24	21° 0	W 5
T 6	19 1 6	16° 4'38	3♏30	24°14	10°29	18°31	3°27	5°51	15° 4	24°36	19°21	6°59	8°18	14°31	21° 2	T 6
F 7	19 5 2	17° 2'06	16°31	25°43	9°53	18°17	3°41	5°52	15° 2	24°36	19°23	6°56	8°15	14°37	21° 5	F 7
S 8	19 8 59	17°59'32	29°17	27°16	9°19	18° 4	3°55	5°53	15° 0	24°37	19°24	6°50	8°12	14°44	21° 7	S 8
S 9	19 12 55	18°56'58	11♐51	28°50	8°45	17°52	4° 9	5°53	14°58	24°38	19°26	6°43	8° 8	14°51	21°10	S 9
M10	19 16 52	19°54'22	24°13	0♋28	8°14	17°41	4°23	5°54	14°56	24°38	19°27	6°34	8° 5	14°57	21°12	M10
T 11	19 20 48	20°51'46	6♑25	2° 9	7°43	17°30	4°37	5°54	14°54	24°39	19°29	6°26	8° 2	15° 4	21°14	T 11
W12	19 24 45	21°49'09	18°29	3°52	7°15	17°20	4°50	5°55	14°52	24°39	19°30	6°18	7°59	15°11	21°17	W12
T 13	19 28 41	22°46'32	0♒25	5°39	6°48	17°11	5° 4	5°55	14°50	24°40	19°31	6°12	7°56	15°17	21°19	T 13
F 14	19 32 38	23°43'53	12°17	7°27	6°24	17° 2	5°18	5°55	14°47	24°40	19°33	6° 7	7°53	15°24	21°21	F 14
S 15	19 36 35	24°41'15	24° 5	9°19	6° 2	16°55	5°32	5°R55	14°45	24°41	19°34	6° 5	7°49	15°31	21°23	S 15
S 16	19 40 31	25°38'36	5♓52	11°13	5°42	16°48	5°45	5°55	14°43	24°41	19°36	6°D 4	7°46	15°37	21°25	S 16
M17	19 44 28	26°35'56	17°43	13°10	5°24	16°42	5°59	5°55	14°41	24°41	19°37	6° 4	7°43	15°44	21°27	M17
T 18	19 48 24	27°33'16	29°40	15° 9	5° 9	16°37	6°12	5°55	14°38	24°42	19°39	6° 6	7°40	15°51	21°29	T 18
W19	19 52 21	28°30'36	11♈48	17°10	4°56	16°33	6°26	5°55	14°36	24°42	19°41	6° 7	7°37	15°57	21°31	W19
T 20	19 56 17	29°27'56	24°13	19°13	4°45	16°30	6°40	5°54	14°34	24°42	19°42	6°R 8	7°33	16° 4	21°33	T 20
F 21	20 0 14	0♌25'16	6♉57	21°18	4°37	16°27	6°53	5°54	14°32	24°42	19°44	6° 8	7°30	16°11	21°35	F 21
S 22	20 4 10	1°22'35	20° 7	23°25	4°31	16°25	7° 7	5°53	14°29	24°42	19°45	6° 7	7°27	16°17	21°37	S 22
S 23	20 8 7	2°19'55	3♊43	25°33	4°28	16°24	7°20	5°52	14°27	24°43	19°47	6° 4	7°24	16°24	21°38	S 23
M24	20 12 4	3°17'14	17°48	27°43	4°D27	16°D24	7°33	5°51	14°25	24°43	19°48	6° 0	7°21	16°31	21°40	M24
T 25	20 16 0	4°14'34	2♋20	29°53	4°28	16°25	7°47	5°51	14°22	24°43	19°50	5°56	7°18	16°37	21°42	T 25
W26	20 19 57	5°11'54	17°13	2♌ 4	4°32	16°27	8° 0	5°50	14°20	24°43	19°51	5°51	7°14	16°44	21°43	W26
T 27	20 23 53	6° 9'13	2♌20	4°15	4°38	16°29	8°13	5°48	14°17	24°R43	19°53	5°48	7°11	16°51	21°45	T 27
F 28	20 27 50	7° 6'32	17°31	6°26	4°46	16°32	8°26	5°47	14°15	24°43	19°55	5°45	7° 8	16°57	21°46	F 28
S 29	20 31 46	8° 3'51	2♍38	8°36	4°56	16°36	8°40	5°46	14°13	24°43	19°56	5°D44	7° 5	17° 4	21°48	S 29
S 30	20 35 43	9° 1'10	17°31	10°47	5° 8	16°41	8°53	5°45	14°10	24°43	19°58	5°45	7° 2	17°11	21°49	S 30
M31	20 39 39	9♌58'28	2♎ 3	12♌56	5♋22	16♐46	9♋ 6	5♈43	14♒ 8	24♈42	19♌59	5♍46	6♍59	17♒17	21♉50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n45	12n23	1s11	19n29	3s10	21n16	1s16	25s36	2s46	22n44	0s28	0n30	1s55	16s44	0s38	8n15	1s16	16n57	2n 8	8n52	8n17	14s26	16n 4	1s47
S 2	22 40	8 29	0n 7	19 44	3 2	21 6	1 31	25 36	2 48	22 44	0 28	0 30	1 56	16 45	0 38	8 15	1 16	16 57	2 9	8 52	8 18	14 25	16 5	1 47
M 3	22 34	4 11	1 23	19 58	2 54	20 55	1 45	25 37	2 50	22 44	0 28	0 30	1 56	16 45	0 38	8 15	1 16	16 56	2 9	8 52	8 19	14 24	16 6	1 47
T 4	22 29	0s15	2 32	20 12	2 45	20 45	1 58	25 37	2 51	22 44	0 27	0 31	1 56	16 46	0 38	8 15	1 16	16 56	2 9	8 52	8 21	14 22	16 6	1 48
W 5	22 22	4 33	3 31	20 26	2 36	20 34	2 12	25 37	2 53	22 44	0 27	0 31	1 56	16 46	0 38	8 15	1 16	16 56	2 9	8 52	8 22	14 21	16 7	1 48
T 6	22 16	8 32	4 17	20 40	2 26	20 24	2 25	25 38	2 55	22 43	0 27	0 31	1 57	16 47	0 39	8 16	1 16	16 55	2 9	8 52	8 23	14 20	16 7	1 48
F 7	22 9	12 0	4 48	20 53	2 16	20 14	2 38	25 38	2 56	22 43	0 27	0 31	1 57	16 48	0 39	8 16	1 16	16 55	2 9	8 53	8 24	14 19	16 8	1 48
S 8	22 1	14 51	5 5	21 6	2 6	20 4	2 50	25 38	2 58	22 43	0 27	0 31	1 57	16 48	0 39	8 16	1 16	16 54	2 9	8 55	8 25	14 18	16 8	1 48
S 9	21 54	16 56	5 6	21 18	1 55	19 54	3 2	25 39	2 59	22 42	0 27	0 31	1 57	16 49	0 39	8 16	1 16	16 54	2 9	8 58	8 27	14 17	16 8	1 48
M10	21 46	18 13	4 53	21 29	1 44	19 45	3 14	25 39	3 0	22 42	0 27	0 31	1 58	16 49	0 39	8 16	1 16	16 53	2 9	9 1	8 28	14 16	16 9	1 49
T 11	21 37	18 37	4 27	21 40	1 33	19 35	3 25	25 39	3 1	22 42	0 27	0 31	1 58	16 50	0 39	8 16	1 17	16 53	2 9	9 4	8 29	14 15	16 9	1 49
W12	21 28	18 11	3 49	21 49	1 21	19 26	3 35	25 39	3 3	22 41	0 27	0 31	1 58	16 51	0 39	8 17	1 17	16 53	2 9	9 7	8 30	14 13	16 10	1 49
T 13	21 19	16 56	3 1	21 57	1 10	19 18	3 45	25 39	3 4	22 41	0 27	0 31	1 58	16 51	0 39	8 17	1 17	16 52	2 9	9 9	8 31	14 12	16 10	1 49
F 14	21 10	14 57	2 6	22 3	0 58	19 10	3 55	25 40	3 5	22 40	0 27	0 31	1 59	16 52	0 39	8 17	1 17	16 52	2 9	9 11	8 32	14 11	16 11	1 49
S 15	21 0	12 21	1 5	22 8	0 46	19 2	4 3	25 40	3 6	22 40	0 27	0 30	1 59	16 53	0 39	8 17	1 17	16 51	2 9	9 12	8 34	14 10	16 11	1 49
S 16	20 49	9 16	0 1	22 11	0 35	18 55	4 12	25 40	3 7	22 39	0 27	0 30	1 59	16 53	0 39	8 17	1 17	16 51	2 9	9 12	8 35	14 9	16 11	1 50
M17	20 39	5 47	1s 3	22 12	0 23	18 48	4 19	25 40	3 7	22 39	0 27	0 30	1 59	16 54	0 39	8 17	1 17	16 51	2 9	9 12	8 36	14 8	16 12	1 50
T 18	20 28	2 3	2 5	22 11	0 11	18 41	4 26	25 41	3 8	22 38	0 27	0 30	2 0	16 55	0 39	8 17	1 17	16 50	2 9	9 12	8 37	14 7	16 12	1 50
W19	20 16	1n49	3 3	22 8	0 0	18 35	4 33	25 41	3 9	22 38	0 27	0 29	2 0	16 55	0 39	8 17	1 17	16 50	2 9	9 11	8 38	14 5	16 12	1 50
T 20	20 5	5 41	3 53	22 2	0n11	18 30	4 39	25 41	3 10	22 37	0 26	0 29	2 0	16 56	0 39	8 17	1 17	16 49	2 9	9 11	8 39	14 4	16 13	1 50
F 21	19 53	9 24	4 33	21 54	0 22	18 24	4 44	25 41	3 10	22 36	0 26	0 28	2 0	16 57	0 39	8 17	1 17	16 49	2 9	9 11	8 41	14 3	16 13	1 50
S 22	19 40	12 47	5 1	21 44	0 32	18 20	4 49	25 42	3 11	22 36	0 26	0 28	2 1	16 57	0 39	8 17	1 17	16 48	2 9	9 11	8 42	14 2	16 13	1 51
S 23	19 28	15 35	5 12	21 31	0 42	18 15	4 54	25 42	3 11	22 35	0 26	0 28	2 1	16 58	0 39	8 17	1 17	16 48	2 9	9 12	8 43	14 1	16 13	1 51
M24	19 15	17 35	5 6	21 16	0 51	18 12	4 57	25 43	3 12	22 34	0 26	0 27	2 1	16 59	0 39	8 17	1 17	16 47	2 9	9 14	8 44	14 0	16 14	1 51
T 25	19 1	18 32	4 40	20 58	1 0	18 8	5 1	25 43	3 12	22 34	0 26	0 26	2 1	16 59	0 39	8 17	1 17	16 47	2 9	9 15	8 45	13 58	16 14	1 51
W26	18 48	18 14	3 55	20 37	1 8	18 5	5 4	25 44	3 12	22 33	0 26	0 26	2 2	17 0	0 39	8 17	1 17	16 47	2 9	9 17	8 46	13 57	16 14	1 51
T 27	18 34	16 39	2 53	20 15	1 15	18 2	5 6	25 44	3 13	22 32	0 26	0 25	2 2	17 1	0 39	8 17	1 17	16 46	2 10	9 18	8 48	13 56	16 14	1 51
F 28	18 20	13 53	1 38	19 49	1 22	18 0	5 8	25 45	3 13	22 31	0 26	0 24	2 2	17 2	0 39	8 17	1 17	16 46	2 10	9 19	8 49	13 55	16 15	1 52
S 29	18 5	10 11	0 17	19 22	1 28	17 58	5 10	25 45	3 13	22 31	0 26	0 24	2 2	17 2	0 39	8 17	1 17	16 45	2 10	9 19	8 50	13 54	16 15	1 52
S 30	17 50	5 53	1n 4	18 52	1 33	17 56	5 11	25 46	3 13	22 30	0 26	0 23	2 3	17 3	0 39	8 17	1 17	16 45	2 10	9 19	8 51	13 52	16 15	1 52
M31	17n35	1n20	2n20	18n20	1n37	17n55	5s12	25s47	3s13	22n29	0s26	0n22	2s 3	17s 4	0s39	8n17	1s18	16n44	2n10	9n19	8n52	13s51	16n15	1s52

Julian Day Number = 3062777.5, Delta T = 02h32m24s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'07, Lahiri = 47°19'08

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

AUGUST 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 43 36	10♌55'46	16♎12	15♌ 4	5♋38	16♐53	9♋19	5°R42	14°R 5	24°R42	20♌ 1	5♍47	6♍55	17♒24	21♉52	T 1
W 2	20 47 33	11°53'04	29°56	17°12	5°56	17° 0	9°32	5♈40	14♒ 3	24♈42	20° 3	5°48	6°52	17°31	21°53	W 2
T 3	20 51 29	12°50'21	13♏16	19°18	6°16	17° 8	9°45	5°38	14° 0	24°42	20° 4	5°R49	6°49	17°37	21°54	T 3
F 4	20 55 26	13°47'38	26°15	21°22	6°38	17°16	9°57	5°36	13°58	24°42	20° 6	5°48	6°46	17°44	21°55	F 4
S 5	20 59 22	14°44'55	8♐54	23°25	7° 1	17°25	10°10	5°34	13°56	24°41	20° 8	5°47	6°43	17°50	21°56	S 5
S 6	21 3 19	15°42'12	21°18	25°26	7°26	17°35	10°23	5°32	13°53	24°41	20° 9	5°45	6°39	17°57	21°57	S 6
M 7	21 7 15	16°39'29	3♑29	27°26	7°52	17°46	10°36	5°30	13°51	24°41	20°11	5°42	6°36	18° 4	21°58	M 7
T 8	21 11 12	17°36'46	15°31	29°24	8°21	17°58	10°48	5°28	13°48	24°40	20°12	5°39	6°33	18°10	21°59	T 8
W 9	21 15 8	18°34'02	27°26	1♍20	8°50	18°10	11° 1	5°26	13°46	24°40	20°14	5°36	6°30	18°17	22° 0	W 9
T 10	21 19 5	19°31'19	9♒17	3°14	9°21	18°22	11°13	5°23	13°43	24°39	20°16	5°34	6°27	18°24	22° 1	T 10
F 11	21 23 2	20°28'36	21° 5	5° 6	9°53	18°36	11°26	5°21	13°41	24°39	20°17	5°33	6°24	18°30	22° 2	F 11
S 12	21 26 58	21°25'54	2♓53	6°56	10°27	18°50	11°38	5°18	13°39	24°38	20°19	5°D32	6°20	18°37	22° 2	S 12
S 13	21 30 55	22°23'11	14°44	8°45	11° 2	19° 4	11°50	5°16	13°36	24°38	20°21	5°33	6°17	18°44	22° 3	S 13
M14	21 34 51	23°20'29	26°40	10°32	11°38	19°20	12° 2	5°13	13°34	24°37	20°22	5°33	6°14	18°50	22° 4	M14
T 15	21 38 48	24°17'48	8♈43	12°17	12°16	19°36	12°15	5°10	13°32	24°37	20°24	5°34	6°11	18°57	22° 4	T 15
W16	21 42 44	25°15'07	20°57	14° 0	12°54	19°52	12°27	5° 7	13°29	24°36	20°26	5°35	6° 8	19° 4	22° 5	W16
T 17	21 46 41	26°12'27	3♉25	15°41	13°34	20° 9	12°39	5° 4	13°27	24°35	20°27	5°36	6° 5	19°10	22° 5	T 17
F 18	21 50 37	27° 9'47	16°11	17°20	14°15	20°27	12°50	5° 1	13°24	24°35	20°29	5°37	6° 1	19°17	22° 6	F 18
S 19	21 54 34	28° 7'09	29°17	18°58	14°57	20°45	13° 2	4°58	13°22	24°34	20°30	5°R37	5°58	19°24	22° 6	S 19
S 20	21 58 31	29° 4'31	12♊47	20°34	15°39	21° 4	13°14	4°55	13°20	24°33	20°32	5°37	5°55	19°30	22° 6	S 20
M21	22 2 27	0♍ 1'54	26°43	22° 8	16°23	21°23	13°26	4°52	13°18	24°33	20°34	5°36	5°52	19°37	22° 6	M21
T 22	22 6 24	0°59'18	11♋ 3	23°40	17° 8	21°43	13°37	4°48	13°15	24°32	20°35	5°36	5°49	19°44	22° 6	T 22
W23	22 10 20	1°56'43	25°45	25°10	17°53	22° 3	13°49	4°45	13°13	24°31	20°37	5°35	5°45	19°50	22° 7	W23
T 24	22 14 17	2°54'09	10♌44	26°38	18°40	22°24	14° 0	4°42	13°11	24°30	20°38	5°35	5°42	19°57	22°R 7	T 24
F 25	22 18 13	3°51'35	25°52	28° 5	19°27	22°46	14°12	4°38	13° 9	24°29	20°40	5°35	5°39	20° 3	22° 7	F 25
S 26	22 22 10	4°49'02	11♍ 0	29°30	20°15	23° 8	14°23	4°35	13° 6	24°28	20°42	5°D35	5°36	20°10	22° 7	S 26
S 27	22 26 6	5°46'30	25°59	0♎52	21° 3	23°30	14°34	4°31	13° 4	24°27	20°43	5°R35	5°33	20°17	22° 6	S 27
M28	22 30 3	6°43'58	10♎41	2°13	21°53	23°53	14°45	4°27	13° 2	24°26	20°45	5°35	5°30	20°23	22° 6	M28
T 29	22 34 0	7°41'27	25° 0	3°32	22°43	24°16	14°56	4°23	13° 0	24°25	20°46	5°35	5°26	20°30	22° 6	T 29
W30	22 37 56	8°38'57	8♏53	4°49	23°34	24°40	15° 7	4°20	12°58	24°24	20°48	5°34	5°23	20°37	22° 6	W30
T 31	22 41 53	9♍36'27	22♏20	6♎ 3	24♋25	25♐ 4	15♋18	4♈16	12♒56	24♈23	20♌50	5♍34	5♍20	20♒43	22♉ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n20	3s10	3n25	17n47	1n41	17n53	5s13	25s47	3s13	22n28	0s26	0n21	2s 3	17s 4	0s39	8n17	1s18	16n44	2n10	9n18	8n53	13s50	16n15	1s52
W 2	17 4	7 21	4 16	17 12	1 44	17 52	5 13	25 48	3 13	22 27	0 26	0 20	2 3	17 5	0 39	8 17	1 18	16 43	2 10	9 18	8 55	13 49	16 15	1 53
T 3	16 48	11 2	4 51	16 35	1 46	17 52	5 13	25 49	3 14	22 26	0 26	0 20	2 3	17 6	0 39	8 17	1 18	16 43	2 10	9 18	8 56	13 48	16 16	1 53
F 4	16 32	14 5	5 11	15 57	1 47	17 51	5 13	25 50	3 13	22 26	0 26	0 19	2 4	17 7	0 39	8 16	1 18	16 42	2 10	9 18	8 57	13 47	16 16	1 53
S 5	16 16	16 24	5 15	15 17	1 48	17 50	5 12	25 51	3 13	22 25	0 26	0 18	2 4	17 7	0 39	8 16	1 18	16 42	2 10	9 19	8 58	13 45	16 16	1 53
S 6	15 59	17 53	5 4	14 37	1 48	17 50	5 11	25 51	3 13	22 24	0 26	0 17	2 4	17 8	0 39	8 16	1 18	16 41	2 10	9 19	8 59	13 44	16 16	1 53
M 7	15 42	18 31	4 39	13 56	1 47	17 50	5 10	25 52	3 13	22 23	0 25	0 16	2 4	17 9	0 39	8 16	1 18	16 41	2 10	9 20	9 0	13 43	16 16	1 53
T 8	15 25	18 19	4 3	13 14	1 45	17 50	5 9	25 53	3 13	22 22	0 25	0 15	2 5	17 9	0 39	8 16	1 18	16 41	2 10	9 21	9 2	13 42	16 16	1 54
W 9	15 7	17 17	3 16	12 31	1 43	17 49	5 7	25 54	3 13	22 21	0 25	0 13	2 5	17 10	0 39	8 16	1 18	16 40	2 10	9 22	9 3	13 40	16 16	1 54
T 10	14 50	15 31	2 20	11 47	1 40	17 49	5 5	25 55	3 13	22 20	0 25	0 12	2 5	17 11	0 39	8 15	1 18	16 40	2 10	9 23	9 4	13 39	16 16	1 54
F 11	14 32	13 5	1 19	11 4	1 37	17 49	5 3	25 56	3 13	22 19	0 25	0 11	2 5	17 11	0 39	8 15	1 18	16 39	2 10	9 24	9 5	13 38	16 16	1 54
S 12	14 14	10 7	0 15	10 19	1 33	17 49	5 1	25 57	3 12	22 18	0 25	0 10	2 5	17 12	0 39	8 15	1 18	16 39	2 10	9 24	9 6	13 37	16 16	1 54
S 13	13 55	6 44	0s51	9 35	1 28	17 49	4 58	25 58	3 12	22 17	0 25	0 9	2 6	17 13	0 39	8 15	1 18	16 38	2 11	9 24	9 7	13 36	16 16	1 55
M14	13 37	3 4	1 55	8 50	1 23	17 49	4 56	25 59	3 12	22 16	0 25	0 7	2 6	17 13	0 39	8 14	1 18	16 38	2 11	9 23	9 9	13 34	16 16	1 55
T 15	13 18	0n45	2 54	8 6	1 18	17 48	4 53	26 0	3 11	22 15	0 25	0 6	2 6	17 14	0 39	8 14	1 18	16 37	2 11	9 23	9 10	13 33	16 16	1 55
W16	12 59	4 36	3 46	7 21	1 12	17 48	4 50	26 1	3 11	22 14	0 25	0 5	2 6	17 15	0 39	8 14	1 18	16 37	2 11	9 23	9 11	13 32	16 16	1 55
T 17	12 40	8 19	4 29	6 36	1 6	17 47	4 47	26 2	3 11	22 13	0 25	0 4	2 6	17 15	0 39	8 14	1 18	16 36	2 11	9 22	9 12	13 31	16 16	1 55
F 18	12 21	11 44	5 0	5 52	0 59	17 46	4 43	26 3	3 10	22 12	0 25	0 2	2 7	17 16	0 39	8 13	1 18	16 36	2 11	9 22	9 13	13 29	16 16	1 56
S 19	12 1	14 40	5 16	5 7	0 52	17 45	4 40	26 4	3 10	22 11	0 25	0 1	2 7	17 17	0 39	8 13	1 18	16 36	2 11	9 22	9 14	13 28	16 16	1 56
S 20	11 41	16 55	5 15	4 23	0 44	17 44	4 36	26 5	3 10	22 9	0 25	0s 1	2 7	17 17	0 39	8 13	1 18	16 35	2 11	9 22	9 16	13 27	16 16	1 56
M21	11 22	18 14	4 56	3 39	0 37	17 43	4 32	26 5	3 9	22 8	0 25	0 2	2 7	17 18	0 39	8 12	1 19	16 35	2 11	9 22	9 17	13 26	16 15	1 56
T 22	11 1	18 28	4 19	2 56	0 28	17 42	4 29	26 6	3 9	22 7	0 25	0 4	2 7	17 19	0 39	8 12	1 19	16 34	2 11	9 23	9 18	13 25	16 15	1 56
W23	10 41	17 28	3 24	2 13	0 20	17 40	4 25	26 7	3 8	22 6	0 25	0 5	2 8	17 19	0 39	8 12	1 19	16 34	2 11	9 23	9 19	13 23	16 15	1 56
T 24	10 21	15 14	2 14	1 30	0 11	17 38	4 21	26 8	3 8	22 5	0 25	0 7	2 8	17 20	0 39	8 11	1 19	16 33	2 11	9 23	9 20	13 22	16 15	1 57
F 25	10 0	11 56	0 54	0 47	0 2	17 36	4 17	26 9	3 7	22 4	0 25	0 8	2 8	17 21	0 39	8 11	1 19	16 33	2 11	9 23	9 21	13 21	16 15	1 57
S 26	9 40	7 51	0n30	0 6	0s 7	17 33	4 12	26 9	3 7	22 3	0 25	0 10	2 8	17 21	0 39	8 11	1 19	16 33	2 11	9 23	9 22	13 19	16 15	1 57
S 27	9 19	3 17	1 51	0s36	0 16	17 30	4 8	26 10	3 6	22 2	0 25	0 11	2 8	17 22	0 39	8 10	1 19	16 32	2 12	9 23	9 24	13 18	16 14	1 57
M28	8 58	1s23	3 3	1 16	0 26	17 27	4 4	26 10	3 6	22 0	0 25	0 13	2 8	17 22	0 39	8 10	1 19	16 32	2 12	9 23	9 25	13 17	16 14	1 57
T 29	8 36	5 50	4 2	1 57	0 36	17 24	3 59	26 11	3 5	21 59	0 25	0 14	2 9	17 23	0 39	8 10	1 19	16 31	2 12	9 23	9 26	13 16	16 14	1 58
W30	8 15	9 50	4 44	2 36	0 46	17 20	3 55	26 11	3 5	21 58	0 24	0 16	2 9	17 24	0 39	8 9	1 19	16 31	2 12	9 23	9 27	13 14	16 14	1 58
T 31	7n54	13s12	5n 9	3s15	0s56	17n16	3s50	26s12	3s 4	21n57	0s24	0s18	2s 9	17s24	0s39	8n 9	1s19	16n30	2n12	9n23	9n28	13s13	16n13	1s58

Julian Day Number = 3062808.5, Delta T = 02h32m24s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'11, Lahiri = 47°19'12

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

SEPTEMBER 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 45 49	10♍33'58	5♐22	7♎16	25♋17	25♐29	15♋29	4°R12	12°R54	24°R22	20♌51	5°D34	5♍17	20♒50	22°R 5	F 1
S 2	22 49 46	11°31'29	18° 1	8°26	26°10	25°54	15°39	4♈ 8	12♒51	24♈21	20°53	5♍34	5°14	20°57	22♉ 5	S 2
S 3	22 53 42	12°29'02	0♑22	9°34	27° 3	26°20	15°50	4° 4	12°49	24°20	20°54	5°34	5°11	21° 3	22° 4	S 3
M 4	22 57 39	13°26'34	12°28	10°40	27°57	26°46	16° 0	4° 0	12°48	24°19	20°56	5°35	5° 7	21°10	22° 3	M 4
T 5	23 1 35	14°24'08	24°25	11°43	28°51	27°12	16°11	3°56	12°46	24°18	20°57	5°36	5° 4	21°17	22° 3	T 5
W 6	23 5 32	15°21'42	6♒15	12°43	29°46	27°39	16°21	3°52	12°44	24°17	20°59	5°37	5° 1	21°23	22° 2	W 6
T 7	23 9 29	16°19'18	18° 3	13°41	0♌41	28° 6	16°31	3°47	12°42	24°15	21° 0	5°38	4°58	21°30	22° 1	T 7
F 8	23 13 25	17°16'54	29°52	14°36	1°37	28°34	16°41	3°43	12°40	24°14	21° 2	5°R38	4°55	21°37	22° 1	F 8
S 9	23 17 22	18°14'31	11♓44	15°28	2°34	29° 2	16°51	3°39	12°38	24°13	21° 3	5°38	4°51	21°43	22° 0	S 9
S 10	23 21 18	19°12'09	23°41	16°16	3°30	29°30	17° 1	3°35	12°36	24°12	21° 5	5°37	4°48	21°50	21°59	S 10
M11	23 25 15	20° 9'48	5♈47	17° 2	4°28	29°59	17°10	3°30	12°34	24°10	21° 6	5°36	4°45	21°56	21°58	M11
T 12	23 29 11	21° 7'29	18° 2	17°44	5°26	0♑28	17°20	3°26	12°33	24° 9	21° 8	5°34	4°42	22° 3	21°57	T 12
W13	23 33 8	22° 5'11	0♉28	18°22	6°24	0°57	17°29	3°21	12°31	24° 8	21° 9	5°32	4°39	22°10	21°56	W13
T 14	23 37 4	23° 2'54	13° 7	18°56	7°22	1°27	17°38	3°17	12°29	24° 6	21°11	5°29	4°36	22°16	21°55	T 14
F 15	23 41 1	24° 0'39	26° 1	19°27	8°21	1°57	17°48	3°13	12°28	24° 5	21°12	5°27	4°32	22°23	21°54	F 15
S 16	23 44 57	24°58'25	9♊12	19°52	9°21	2°28	17°57	3° 8	12°26	24° 4	21°13	5°26	4°29	22°30	21°53	S 16
S 17	23 48 54	25°56'13	22°40	20°13	10°21	2°58	18° 6	3° 4	12°25	24° 2	21°15	5°D25	4°26	22°36	21°51	S 17
M18	23 52 51	26°54'03	6♋27	20°30	11°21	3°29	18°15	2°59	12°23	24° 1	21°16	5°25	4°23	22°43	21°50	M18
T 19	23 56 47	27°51'54	20°34	20°41	12°21	4° 1	18°23	2°55	12°22	23°59	21°18	5°26	4°20	22°50	21°49	T 19
W20	0 0 44	28°49'47	4♌58	20°47	13°22	4°32	18°32	2°50	12°20	23°58	21°19	5°27	4°16	22°56	21°47	W20
T 21	0 4 40	29°47'41	19°38	20°R47	14°24	5° 4	18°40	2°46	12°19	23°56	21°20	5°29	4°13	23° 3	21°46	T 21
F 22	0 8 37	0♎45'37	4♍29	20°41	15°25	5°37	18°49	2°41	12°17	23°55	21°22	5°R29	4°10	23°10	21°44	F 22
S 23	0 12 33	1°43'35	19°23	20°30	16°27	6° 9	18°57	2°37	12°16	23°53	21°23	5°29	4° 7	23°16	21°43	S 23
S 24	0 16 30	2°41'34	4♎14	20°12	17°29	6°42	19° 5	2°32	12°15	23°52	21°24	5°27	4° 4	23°23	21°41	S 24
M25	0 20 26	3°39'34	18°53	19°49	18°32	7°15	19°13	2°27	12°14	23°50	21°25	5°24	4° 1	23°30	21°40	M25
T 26	0 24 23	4°37'36	3♏14	19°19	19°34	7°48	19°21	2°23	12°12	23°49	21°27	5°20	3°57	23°36	21°38	T 26
W27	0 28 20	5°35'39	17°12	18°43	20°38	8°22	19°28	2°18	12°11	23°47	21°28	5°15	3°54	23°43	21°36	W27
T 28	0 32 16	6°33'44	0♐43	18° 2	21°41	8°56	19°36	2°14	12°10	23°46	21°29	5°11	3°51	23°49	21°34	T 28
F 29	0 36 13	7°31'50	13°49	17°16	22°45	9°30	19°43	2° 9	12° 9	23°44	21°30	5° 7	3°48	23°56	21°33	F 29
S 30	0 40 9	8♎29'58	26♐31	16♎25	23♌48	10♑ 5	19♋50	2♈ 5	12♒ 8	23♈43	21♌32	5♍ 5	3♍45	24♒ 3	21♉31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n32	15s47	5n18	3s53	1s 6	17n11	3s45	26s12	3s 3	21n56	0s24	0s19	2s 9	17s25	0s39	8n 8	1s19	16n30	2n12	9n23	9n29	13s12	16n13	1s58
S 2	7 11	17 32	5 10	4 30	1 17	17 7	3 41	26 12	3 3	21 55	0 24	0 21	2 9	17 25	0 39	8 8	1 19	16 30	2 12	9 23	9 31	13 11	16 13	1 58
S 3	6 49	18 25	4 49	5 6	1 27	17 2	3 36	26 12	3 2	21 53	0 24	0 23	2 9	17 26	0 39	8 7	1 19	16 29	2 12	9 23	9 32	13 9	16 12	1 59
M 4	6 27	18 25	4 14	5 41	1 38	16 56	3 31	26 12	3 2	21 52	0 24	0 25	2 10	17 26	0 39	8 7	1 19	16 29	2 12	9 23	9 33	13 8	16 12	1 59
T 5	6 5	17 36	3 30	6 15	1 48	16 50	3 26	26 12	3 1	21 51	0 24	0 26	2 10	17 27	0 39	8 7	1 19	16 28	2 12	9 23	9 34	13 7	16 12	1 59
W 6	5 43	16 1	2 36	6 49	1 59	16 44	3 21	26 12	3 0	21 50	0 24	0 28	2 10	17 27	0 39	8 6	1 19	16 28	2 12	9 22	9 35	13 5	16 11	1 59
T 7	5 21	13 45	1 36	7 21	2 10	16 38	3 16	26 12	3 0	21 49	0 24	0 30	2 10	17 28	0 39	8 6	1 19	16 28	2 12	9 22	9 36	13 4	16 11	1 59
F 8	4 59	10 55	0 32	7 52	2 20	16 31	3 11	26 12	2 59	21 48	0 24	0 32	2 10	17 29	0 39	8 5	1 19	16 27	2 13	9 22	9 37	13 3	16 11	2 0
S 9	4 37	7 37	0s34	8 21	2 31	16 23	3 6	26 11	2 58	21 46	0 24	0 33	2 10	17 29	0 39	8 5	1 19	16 27	2 13	9 22	9 39	13 2	16 10	2 0
S 10	4 14	4 0	1 38	8 50	2 41	16 15	3 1	26 11	2 58	21 45	0 24	0 35	2 10	17 30	0 39	8 4	1 19	16 26	2 13	9 22	9 40	13 0	16 10	2 0
M11	3 52	0 10	2 39	9 16	2 51	16 7	2 56	26 10	2 57	21 44	0 24	0 37	2 10	17 30	0 39	8 4	1 19	16 26	2 13	9 22	9 41	12 59	16 9	2 0
T 12	3 29	3n43	3 34	9 42	3 2	15 59	2 51	26 9	2 56	21 43	0 24	0 39	2 10	17 30	0 39	8 3	1 19	16 26	2 13	9 23	9 42	12 58	16 9	2 0
W13	3 7	7 29	4 19	10 5	3 11	15 50	2 46	26 8	2 55	21 42	0 24	0 41	2 11	17 31	0 39	8 3	1 19	16 25	2 13	9 24	9 43	12 56	16 9	2 0
T 14	2 44	10 59	4 52	10 27	3 21	15 40	2 41	26 7	2 55	21 41	0 24	0 42	2 11	17 31	0 39	8 2	1 19	16 25	2 13	9 25	9 44	12 55	16 8	2 1
F 15	2 21	14 2	5 11	10 47	3 30	15 30	2 35	26 6	2 54	21 39	0 24	0 44	2 11	17 32	0 39	8 2	1 19	16 24	2 13	9 26	9 46	12 54	16 8	2 1
S 16	1 59	16 26	5 15	11 5	3 39	15 20	2 30	26 5	2 53	21 38	0 24	0 46	2 11	17 32	0 39	8 1	1 19	16 24	2 13	9 26	9 47	12 53	16 7	2 1
S 17	1 36	18 0	5 2	11 21	3 48	15 10	2 25	26 4	2 52	21 37	0 24	0 48	2 11	17 33	0 39	8 1	1 19	16 24	2 13	9 27	9 48	12 51	16 7	2 1
M18	1 13	18 34	4 31	11 35	3 56	14 59	2 20	26 2	2 52	21 36	0 24	0 50	2 11	17 33	0 39	8 0	1 20	16 23	2 13	9 26	9 49	12 50	16 6	2 1
T 19	0 50	17 59	3 43	11 46	4 3	14 47	2 15	26 0	2 51	21 35	0 24	0 52	2 11	17 33	0 39	7 59	1 20	16 23	2 14	9 26	9 50	12 49	16 6	2 2
W20	0 28	16 15	2 40	11 54	4 10	14 35	2 9	25 59	2 50	21 34	0 24	0 53	2 11	17 34	0 39	7 59	1 20	16 23	2 14	9 26	9 51	12 47	16 5	2 2
T 21	0 5	13 26	1 26	12 0	4 16	14 23	2 4	25 57	2 49	21 33	0 24	0 55	2 11	17 34	0 39	7 58	1 20	16 22	2 14	9 25	9 52	12 46	16 5	2 2
F 22	0s18	9 42	0 6	12 2	4 20	14 10	1 59	25 55	2 48	21 32	0 24	0 57	2 11	17 35	0 39	7 58	1 20	16 22	2 14	9 25	9 54	12 45	16 4	2 2
S 23	0 41	5 20	1n16	12 1	4 24	13 57	1 54	25 52	2 48	21 30	0 24	0 59	2 11	17 35	0 39	7 57	1 20	16 22	2 14	9 25	9 55	12 43	16 4	2 2
S 24	1 4	0 39	2 32	11 57	4 27	13 43	1 49	25 50	2 47	21 29	0 24	1 1	2 11	17 35	0 39	7 57	1 20	16 21	2 14	9 26	9 56	12 42	16 3	2 2
M25	1 27	4s 0	3 36	11 49	4 28	13 30	1 44	25 47	2 46	21 28	0 24	1 3	2 11	17 36	0 39	7 56	1 20	16 21	2 14	9 27	9 57	12 41	16 2	2 3
T 26	1 49	8 19	4 26	11 38	4 28	13 15	1 38	25 45	2 45	21 27	0 23	1 5	2 11	17 36	0 38	7 55	1 20	16 21	2 14	9 28	9 58	12 39	16 2	2 3
W27	2 12	12 3	4 58	11 23	4 27	13 0	1 33	25 42	2 44	21 26	0 23	1 6	2 12	17 36	0 38	7 55	1 20	16 20	2 14	9 30	9 59	12 38	16 1	2 3
T 28	2 35	15 1	5 12	11 4	4 23	12 45	1 28	25 39	2 44	21 25	0 23	1 8	2 12	17 36	0 38	7 54	1 20	16 20	2 14	9 32	10 0	12 37	16 1	2 3
F 29	2 58	17 8	5 9	10 42	4 18	12 30	1 23	25 35	2 43	21 24	0 23	1 10	2 12	17 37	0 38	7 54	1 20	16 20	2 15	9 33	10 2	12 35	16 0	2 3
S 30	3s20	18s19	4n52	10s16	4s11	12n14	1s18	25s32	2s42	21n23	0s23	1s12	2s12	17s37	0s38	7n53	1s20	16n20	2n15	9n34	10n 3	12s34	15n59	2s 3

Julian Day Number = 3062839.5, Delta T = 02h32m25s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'16, Lahiri = 47°19'16

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

OCTOBER 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 44 6	9♎28'06	8♉53	15°R30	24♌53	10♉39	19♋57	2°R 0	12°R 7	23°R41	21♌33	5°D 5	3♍42	24♒ 9	21°R29	S 1
M 2	0 48 2	10°26'16	20°59	14♎33	25°57	11°14	20° 4	1♈56	12♒ 6	23♈39	21°34	5♍ 5	3°38	24°16	21♉27	M 2
T 3	0 51 59	11°24'28	2♒53	13°34	27° 2	11°50	20°11	1°51	12° 5	23°38	21°35	5° 7	3°35	24°23	21°25	T 3
W 4	0 55 55	12°22'40	14°42	12°34	28° 7	12°25	20°18	1°47	12° 5	23°36	21°36	5° 8	3°32	24°29	21°23	W 4
T 5	0 59 52	13°20'54	26°30	11°35	29°12	13° 1	20°24	1°43	12° 4	23°35	21°37	5°10	3°29	24°36	21°21	T 5
F 6	1 3 48	14°19'10	8♓21	10°39	0♍17	13°37	20°30	1°38	12° 3	23°33	21°38	5°R10	3°26	24°43	21°19	F 6
S 7	1 7 45	15°17'27	20°19	9°46	1°23	14°13	20°36	1°34	12° 2	23°31	21°40	5° 9	3°22	24°49	21°16	S 7
S 8	1 11 42	16°15'46	2♈26	8°58	2°28	14°49	20°42	1°29	12° 2	23°30	21°41	5° 5	3°19	24°56	21°14	S 8
M 9	1 15 38	17°14'06	14°45	8°16	3°34	15°25	20°48	1°25	12° 1	23°28	21°42	5° 0	3°16	25° 3	21°12	M 9
T 10	1 19 35	18°12'28	27°17	7°41	4°41	16° 2	20°54	1°21	12° 1	23°26	21°43	4°54	3°13	25° 9	21°10	T 10
W11	1 23 31	19°10'52	10♉ 1	7°15	5°47	16°39	20°59	1°17	12° 0	23°25	21°44	4°46	3°10	25°16	21° 8	W11
T 12	1 27 28	20° 9'18	23° 0	6°57	6°54	17°16	21° 5	1°13	12° 0	23°23	21°45	4°38	3° 7	25°22	21° 5	T 12
F 13	1 31 24	21° 7'46	6♊11	6°D48	8° 1	17°54	21°10	1° 8	11°59	23°21	21°46	4°31	3° 3	25°29	21° 3	F 13
S 14	1 35 21	22° 6'15	19°34	6°49	9° 8	18°31	21°15	1° 4	11°59	23°20	21°46	4°25	3° 0	25°36	21° 0	S 14
S 15	1 39 17	23° 4'47	3♋10	6°59	10°15	19° 9	21°20	1° 0	11°59	23°18	21°47	4°21	2°57	25°42	20°58	S 15
M16	1 43 14	24° 3'21	16°57	7°20	11°23	19°47	21°24	0°56	11°59	23°16	21°48	4°20	2°54	25°49	20°56	M16
T 17	1 47 11	25° 1'58	0♌56	7°49	12°30	20°25	21°29	0°52	11°58	23°15	21°49	4°D20	2°51	25°56	20°53	T 17
W18	1 51 7	26° 0'36	15° 5	8°28	13°38	21° 3	21°33	0°48	11°58	23°13	21°50	4°20	2°47	26° 2	20°51	W18
T 19	1 55 4	26°59'16	29°25	9°15	14°46	21°42	21°37	0°45	11°58	23°12	21°51	4°R21	2°44	26° 9	20°48	T 19
F 20	1 59 0	27°57'59	13♍52	10°10	15°54	22°20	21°41	0°41	11°D58	23°10	21°52	4°21	2°41	26°16	20°45	F 20
S 21	2 2 57	28°56'43	28°23	11°12	17° 3	22°59	21°45	0°37	11°58	23° 8	21°52	4°19	2°38	26°22	20°43	S 21
S 22	2 6 53	29°55'30	12♎53	12°22	18°11	23°38	21°48	0°33	11°58	23° 7	21°53	4°14	2°35	26°29	20°40	S 22
M23	2 10 50	0♏54'18	27°15	13°37	19°20	24°17	21°52	0°30	11°58	23° 5	21°54	4° 7	2°32	26°36	20°38	M23
T 24	2 14 46	1°53'09	11♏25	14°58	20°29	24°57	21°55	0°26	11°58	23° 3	21°55	3°58	2°28	26°42	20°35	T 24
W25	2 18 43	2°52'01	25°16	16°24	21°38	25°36	21°58	0°23	11°59	23° 2	21°55	3°48	2°25	26°49	20°32	W25
T 26	2 22 39	3°50'56	8♐45	17°54	22°47	26°16	22° 1	0°19	11°59	23° 0	21°56	3°38	2°22	26°56	20°29	T 26
F 27	2 26 36	4°49'52	21°50	19°27	23°56	26°56	22° 3	0°16	11°59	22°58	21°57	3°30	2°19	27° 2	20°27	F 27
S 28	2 30 33	5°48'49	4♑33	21° 4	25° 6	27°36	22° 6	0°13	12° 0	22°57	21°57	3°23	2°16	27° 9	20°24	S 28
S 29	2 34 29	6°47'49	16°55	22°42	26°15	28°16	22° 8	0°10	12° 0	22°55	21°58	3°19	2°13	27°15	20°21	S 29
M30	2 38 26	7°46'50	29° 2	24°23	27°25	28°56	22°10	0° 6	12° 1	22°54	21°58	3°17	2° 9	27°22	20°18	M30
T 31	2 42 22	8♏45'53	10♒57	26♎ 5	28♍35	29♑37	22♋12	0♈ 3	12♒ 1	22♈52	21♌59	3°D16	2♍ 6	27♒29	20♉16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s43	18s36	4n20	9s47	4s 3	11n58	1s13	25s28	2s41	21n22	0s23	1s14	2s12	17s37	0s38	7n53	1s20	16n19	2n15	9n34	10n 4	12s33	15n59	2s 4
M 2	4 6	18 0	3 38	9 15	3 52	11 41	1 8	25 25	2 40	21 21	0 23	1 15	2 12	17 37	0 38	7 52	1 20	16 19	2 15	9 34	10 5	12 31	15 58	2 4
T 3	4 28	16 37	2 47	8 41	3 39	11 24	1 3	25 21	2 39	21 20	0 23	1 17	2 12	17 38	0 38	7 51	1 20	16 19	2 15	9 33	10 6	12 30	15 57	2 4
W 4	4 51	14 32	1 49	8 4	3 25	11 6	0 58	25 16	2 38	21 19	0 23	1 19	2 12	17 38	0 38	7 51	1 20	16 19	2 15	9 33	10 7	12 28	15 57	2 4
T 5	5 13	11 50	0 47	7 27	3 9	10 49	0 54	25 12	2 37	21 18	0 23	1 21	2 12	17 38	0 38	7 50	1 20	16 18	2 15	9 32	10 8	12 27	15 56	2 4
F 6	5 36	8 38	0s17	6 49	2 52	10 31	0 49	25 8	2 37	21 18	0 23	1 22	2 12	17 38	0 38	7 49	1 20	16 18	2 15	9 32	10 10	12 26	15 55	2 4
S 7	5 58	5 3	1 22	6 12	2 34	10 12	0 44	25 3	2 36	21 17	0 23	1 24	2 12	17 38	0 38	7 49	1 20	16 18	2 15	9 32	10 11	12 24	15 55	2 5
S 8	6 20	1 14	2 23	5 35	2 14	9 53	0 39	24 58	2 35	21 16	0 23	1 26	2 12	17 39	0 38	7 48	1 20	16 18	2 16	9 34	10 12	12 23	15 54	2 5
M 9	6 43	2n43	3 18	5 1	1 55	9 34	0 35	24 53	2 34	21 15	0 23	1 27	2 12	17 39	0 38	7 48	1 20	16 17	2 16	9 35	10 13	12 22	15 53	2 5
T 10	7 5	6 36	4 5	4 29	1 35	9 15	0 30	24 48	2 33	21 14	0 23	1 29	2 12	17 39	0 38	7 47	1 20	16 17	2 16	9 38	10 14	12 20	15 52	2 5
W11	7 27	10 15	4 40	4 0	1 15	8 55	0 25	24 42	2 32	21 13	0 23	1 31	2 12	17 39	0 38	7 46	1 20	16 17	2 16	9 41	10 15	12 19	15 52	2 5
T 12	7 49	13 29	5 2	3 35	0 55	8 35	0 21	24 37	2 31	21 13	0 23	1 32	2 12	17 39	0 38	7 46	1 20	16 17	2 16	9 43	10 16	12 17	15 51	2 5
F 13	8 10	16 5	5 8	3 13	0 36	8 14	0 16	24 31	2 30	21 12	0 23	1 34	2 12	17 39	0 38	7 45	1 20	16 16	2 16	9 46	10 18	12 16	15 50	2 5
S 14	8 32	17 52	4 58	2 57	0 17	7 53	0 12	24 25	2 29	21 11	0 23	1 35	2 11	17 39	0 38	7 45	1 20	16 16	2 16	9 48	10 19	12 15	15 49	2 6
S 15	8 54	18 41	4 30	2 45	0n 0	7 32	0 8	24 19	2 28	21 10	0 23	1 37	2 11	17 39	0 38	7 44	1 20	16 16	2 16	9 49	10 20	12 13	15 49	2 6
M16	9 15	18 24	3 47	2 37	0 17	7 11	0 3	24 12	2 27	21 10	0 23	1 39	2 11	17 39	0 38	7 43	1 20	16 16	2 16	9 50	10 21	12 12	15 48	2 6
T 17	9 36	17 0	2 50	2 35	0 32	6 49	0n 1	24 6	2 26	21 9	0 23	1 40	2 11	17 39	0 38	7 43	1 20	16 16	2 17	9 50	10 22	12 11	15 47	2 6
W18	9 57	14 32	1 42	2 37	0 46	6 27	0 5	23 59	2 25	21 8	0 23	1 42	2 11	17 39	0 38	7 42	1 20	16 16	2 17	9 50	10 23	12 9	15 46	2 6
T 19	10 18	11 9	0 27	2 44	0 59	6 5	0 9	23 52	2 24	21 8	0 23	1 43	2 11	17 39	0 38	7 42	1 20	16 15	2 17	9 50	10 24	12 8	15 46	2 6
F 20	10 39	7 5	0n51	2 55	1 10	5 43	0 13	23 45	2 23	21 7	0 23	1 44	2 11	17 39	0 38	7 41	1 20	16 15	2 17	9 50	10 25	12 6	15 45	2 6
S 21	11 0	2 33	2 5	3 10	1 20	5 20	0 17	23 37	2 22	21 7	0 23	1 46	2 11	17 39	0 38	7 40	1 20	16 15	2 17	9 50	10 27	12 5	15 44	2 7
S 22	11 21	2s 6	3 11	3 28	1 29	4 57	0 21	23 30	2 21	21 6	0 23	1 47	2 11	17 39	0 38	7 40	1 20	16 15	2 17	9 52	10 28	12 4	15 43	2 7
M23	11 41	6 35	4 5	3 51	1 36	4 34	0 25	23 22	2 20	21 6	0 23	1 49	2 11	17 39	0 38	7 39	1 20	16 15	2 17	9 55	10 29	12 2	15 42	2 7
T 24	12 1	10 39	4 42	4 16	1 43	4 11	0 29	23 14	2 19	21 5	0 22	1 50	2 11	17 39	0 38	7 39	1 20	16 15	2 17	9 58	10 30	12 1	15 41	2 7
W25	12 21	14 1	5 1	4 44	1 47	3 47	0 33	23 6	2 18	21 5	0 22	1 51	2 11	17 39	0 38	7 38	1 20	16 15	2 18	10 1	10 31	11 59	15 41	2 7
T 26	12 41	16 34	5 4	5 15	1 51	3 24	0 36	22 57	2 17	21 4	0 22	1 52	2 11	17 39	0 38	7 37	1 20	16 15	2 18	10 5	10 32	11 58	15 40	2 7
F 27	13 1	18 9	4 50	5 47	1 54	3 0	0 40	22 49	2 16	21 4	0 22	1 54	2 11	17 39	0 38	7 37	1 20	16 14	2 18	10 8	10 33	11 57	15 39	2 7
S 28	13 20	18 47	4 21	6 22	1 55	2 36	0 43	22 40	2 15	21 4	0 22	1 55	2 11	17 39	0 38	7 36	1 20	16 14	2 18	10 10	10 34	11 55	15 38	2 7
S 29	13 40	18 30	3 41	6 57	1 56	2 11	0 47	22 31	2 14	21 3	0 22	1 56	2 10	17 38	0 38	7 36	1 20	16 14	2 18	10 12	10 36	11 54	15 37	2 8
M30	13 59	17 21	2 52	7 34	1 56	1 47	0 50	22 22	2 13	21 3	0 22	1 57	2 10	17 38	0 38	7 35	1 20	16 14	2 18	10 13	10 37	11 52	15 37	2 8
T 31	14s18	15s28	1n56	8s12	1n55	1n22	0n53	22s12	2s12	21n 3	0s22	1s58	2s10	17s38	0s38	7n34	1s20	16n14	2n18	10n13	10n38	11s51	15n36	2s 8

Julian Day Number = 3062869.5, Delta T = 02h32m26s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'20, Lahiri = 47°19'20

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

NOVEMBER 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 46 19	9♏44'57	22♒46	27♎48	29♍45	0♒17	22♋14	0°R 0	12♒ 2	22°R50	22♌ 0	3♍17	2♍ 3	27♒35	20°R13	W 1
T 2	2 50 15	10°44'03	4♓34	29°33	0♎55	0°58	22°15	29♓58	12° 2	22♈49	22° 0	3°R17	2° 0	27°42	20♉10	T 2
F 3	2 54 12	11°43'11	16°27	1♏17	2° 5	1°39	22°16	29°55	12° 3	22°47	22° 0	3°16	1°57	27°49	20° 7	F 3
S 4	2 58 8	12°42'21	28°29	3° 3	3°15	2°20	22°17	29°52	12° 4	22°46	22° 1	3°13	1°53	27°55	20° 4	S 4
S 5	3 2 5	13°41'32	10♈45	4°48	4°26	3° 1	22°18	29°49	12° 4	22°44	22° 1	3° 8	1°50	28° 2	20° 2	S 5
M 6	3 6 2	14°40'45	23°17	6°33	5°36	3°42	22°19	29°47	12° 5	22°43	22° 2	3° 0	1°47	28° 9	19°59	M 6
T 7	3 9 58	15°40'00	6♉ 5	8°18	6°47	4°24	22°19	29°44	12° 6	22°41	22° 2	2°49	1°44	28°15	19°56	T 7
W 8	3 13 55	16°39'17	19°11	10° 3	7°58	5° 5	22°20	29°42	12° 7	22°40	22° 3	2°37	1°41	28°22	19°53	W 8
T 9	3 17 51	17°38'36	2♊33	11°48	9° 9	5°47	22°R20	29°40	12° 8	22°38	22° 3	2°25	1°38	28°29	19°50	T 9
F 10	3 21 48	18°37'57	16° 9	13°32	10°20	6°29	22°19	29°37	12° 9	22°37	22° 3	2°14	1°34	28°35	19°47	F 10
S 11	3 25 44	19°37'20	29°55	15°16	11°31	7°10	22°19	29°35	12°10	22°35	22° 3	2° 4	1°31	28°42	19°44	S 11
S 12	3 29 41	20°36'45	13♋49	16°59	12°42	7°52	22°19	29°33	12°11	22°34	22° 4	1°57	1°28	28°48	19°41	S 12
M13	3 33 37	21°36'12	27°48	18°42	13°54	8°34	22°18	29°31	12°13	22°33	22° 4	1°53	1°25	28°55	19°39	M13
T 14	3 37 34	22°35'42	11♌50	20°24	15° 5	9°17	22°17	29°30	12°14	22°31	22° 4	1°51	1°22	29° 2	19°36	T 14
W15	3 41 31	23°35'14	25°55	22° 5	16°17	9°59	22°16	29°28	12°15	22°30	22° 4	1°51	1°19	29° 8	19°33	W15
T 16	3 45 27	24°34'48	10♍ 1	23°46	17°29	10°41	22°14	29°26	12°16	22°28	22° 4	1°51	1°15	29°15	19°30	T 16
F 17	3 49 24	25°34'24	24° 8	25°26	18°40	11°24	22°13	29°25	12°18	22°27	22° 5	1°50	1°12	29°22	19°27	F 17
S 18	3 53 20	26°34'02	8♎15	27° 6	19°52	12° 6	22°11	29°23	12°19	22°26	22° 5	1°46	1° 9	29°28	19°24	S 18
S 19	3 57 17	27°33'43	22°19	28°45	21° 4	12°49	22° 9	29°22	12°21	22°24	22° 5	1°40	1° 6	29°35	19°21	S 19
M20	4 1 13	28°33'26	6♏16	0♐24	22°17	13°32	22° 7	29°21	12°22	22°23	22° 5	1°30	1° 3	29°42	19°19	M20
T 21	4 5 10	29°33'10	20° 3	2° 2	23°29	14°15	22° 5	29°19	12°24	22°22	22°R 5	1°18	0°59	29°48	19°16	T 21
W22	4 9 6	0♐32'57	3♐36	3°40	24°41	14°58	22° 2	29°18	12°25	22°21	22° 5	1° 5	0°56	29°55	19°13	W22
T 23	4 13 3	1°32'46	16°52	5°17	25°53	15°41	21°59	29°17	12°27	22°20	22° 5	0°52	0°53	0♓ 2	19°10	T 23
F 24	4 17 0	2°32'36	29°49	6°53	27° 6	16°24	21°56	29°17	12°29	22°18	22° 5	0°41	0°50	0° 8	19° 7	F 24
S 25	4 20 56	3°32'28	12♑27	8°29	28°18	17° 8	21°53	29°16	12°31	22°17	22° 5	0°31	0°47	0°15	19° 5	S 25
S 26	4 24 53	4°32'22	24°47	10° 5	29°31	17°51	21°50	29°15	12°32	22°16	22° 5	0°24	0°44	0°21	19° 2	S 26
M27	4 28 49	5°32'17	6♒52	11°40	0♏44	18°35	21°46	29°15	12°34	22°15	22° 4	0°20	0°40	0°28	18°59	M27
T 28	4 32 46	6°32'14	18°46	13°15	1°56	19°18	21°43	29°14	12°36	22°14	22° 4	0°18	0°37	0°35	18°56	T 28
W29	4 36 42	7°32'13	0♓35	14°49	3° 9	20° 2	21°39	29°14	12°38	22°13	22° 4	0°18	0°34	0°41	18°54	W29
T 30	4 40 39	8♐32'13	12♓23	16♐23	4♏22	20♒46	21♋35	29♓14	12♒40	22♈12	22♌ 4	0♍18	0♍31	0♓48	18♉51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s36	12s55	0n56	8s50	1n53	0n58	0n56	22s 2	2s11	21n 3	0s22	1s59	2s10	17s38	0s38	7n34	1s20	16n14	2n18	10n13	10n39	11s49	15n35	2s 8
T 2	14 55	9 51	0s 7	9 29	1 50	0 33	0 59	21 53	2 10	21 2	0 22	2 0	2 10	17 38	0 38	7 33	1 20	16 14	2 19	10 13	10 40	11 48	15 34	2 8
F 3	15 13	6 22	1 10	10 8	1 47	0 8	1 2	21 43	2 9	21 2	0 22	2 1	2 10	17 38	0 38	7 33	1 20	16 14	2 19	10 13	10 41	11 47	15 33	2 8
S 4	15 31	2 35	2 10	10 47	1 44	0s17	1 5	21 32	2 8	21 2	0 22	2 2	2 10	17 37	0 38	7 32	1 20	16 14	2 19	10 14	10 42	11 45	15 32	2 8
S 5	15 48	1n22	3 5	11 26	1 40	0 42	1 8	21 22	2 7	21 2	0 22	2 3	2 10	17 37	0 37	7 32	1 20	16 14	2 19	10 16	10 43	11 44	15 31	2 8
M 6	16 6	5 21	3 53	12 5	1 35	1 7	1 11	21 11	2 6	21 2	0 22	2 4	2 10	17 37	0 37	7 31	1 20	16 14	2 19	10 19	10 45	11 42	15 31	2 8
T 7	16 23	9 11	4 30	12 43	1 30	1 33	1 13	21 0	2 5	21 2	0 22	2 5	2 9	17 37	0 37	7 31	1 20	16 14	2 19	10 22	10 46	11 41	15 30	2 9
W 8	16 40	12 39	4 53	13 21	1 25	1 58	1 16	20 49	2 4	21 2	0 22	2 6	2 9	17 36	0 37	7 30	1 20	16 14	2 19	10 27	10 47	11 39	15 29	2 9
T 9	16 56	15 33	5 1	13 58	1 20	2 23	1 18	20 38	2 3	21 2	0 22	2 7	2 9	17 36	0 37	7 29	1 20	16 14	2 19	10 31	10 48	11 38	15 28	2 9
F 10	17 13	17 39	4 53	14 35	1 14	2 49	1 21	20 27	2 2	21 2	0 22	2 7	2 9	17 36	0 37	7 29	1 20	16 14	2 19	10 35	10 49	11 36	15 27	2 9
S 11	17 29	18 46	4 27	15 11	1 8	3 14	1 23	20 15	2 1	21 2	0 22	2 8	2 9	17 35	0 37	7 28	1 20	16 14	2 20	10 39	10 50	11 35	15 26	2 9
S 12	17 45	18 47	3 45	15 46	1 2	3 40	1 25	20 4	1 59	21 2	0 22	2 9	2 9	17 35	0 37	7 28	1 20	16 14	2 20	10 41	10 51	11 34	15 26	2 9
M13	18 0	17 38	2 50	16 20	0 56	4 5	1 27	19 52	1 58	21 3	0 22	2 9	2 9	17 35	0 37	7 27	1 20	16 14	2 20	10 43	10 52	11 32	15 25	2 9
T 14	18 15	15 25	1 44	16 54	0 49	4 31	1 29	19 39	1 57	21 3	0 21	2 10	2 8	17 34	0 37	7 27	1 20	16 14	2 20	10 43	10 54	11 31	15 24	2 9
W15	18 30	12 16	0 31	17 26	0 42	4 56	1 31	19 27	1 56	21 3	0 21	2 11	2 8	17 34	0 37	7 26	1 20	16 14	2 20	10 43	10 55	11 29	15 23	2 9
T 16	18 45	8 25	0n43	17 58	0 36	5 22	1 33	19 15	1 55	21 3	0 21	2 11	2 8	17 33	0 37	7 26	1 20	16 14	2 20	10 43	10 56	11 28	15 22	2 9
F 17	18 59	4 4	1 55	18 29	0 29	5 47	1 35	19 2	1 54	21 4	0 21	2 12	2 8	17 33	0 37	7 26	1 20	16 14	2 20	10 44	10 57	11 26	15 21	2 9
S 18	19 13	0s29	3 0	18 58	0 22	6 13	1 37	18 49	1 53	21 4	0 21	2 12	2 8	17 33	0 37	7 25	1 20	16 14	2 21	10 45	10 58	11 25	15 21	2 9
S 19	19 26	5 0	3 53	19 27	0 15	6 38	1 38	18 36	1 52	21 4	0 21	2 12	2 8	17 32	0 37	7 25	1 20	16 15	2 21	10 47	10 59	11 23	15 20	2 9
M20	19 39	9 12	4 32	19 55	0 8	7 3	1 40	18 23	1 51	21 5	0 21	2 13	2 8	17 32	0 37	7 24	1 20	16 15	2 21	10 51	11 0	11 22	15 19	2 10
T 21	19 52	12 51	4 55	20 21	0 1	7 28	1 41	18 9	1 50	21 5	0 21	2 13	2 7	17 31	0 37	7 24	1 20	16 15	2 21	10 55	11 1	11 20	15 18	2 10
W22	20 5	15 46	5 0	20 47	0s 5	7 53	1 42	17 56	1 48	21 6	0 21	2 13	2 7	17 31	0 37	7 23	1 20	16 15	2 21	10 59	11 3	11 19	15 17	2 10
T 23	20 17	17 47	4 49	21 11	0 12	8 18	1 44	17 42	1 47	21 6	0 21	2 14	2 7	17 30	0 37	7 23	1 20	16 15	2 21	11 4	11 4	11 17	15 17	2 10
F 24	20 29	18 50	4 23	21 35	0 19	8 43	1 45	17 28	1 46	21 7	0 21	2 14	2 7	17 30	0 37	7 22	1 20	16 15	2 21	11 8	11 5	11 16	15 16	2 10
S 25	20 40	18 55	3 45	21 57	0 26	9 8	1 46	17 14	1 45	21 7	0 21	2 14	2 7	17 29	0 37	7 22	1 20	16 15	2 21	11 11	11 6	11 14	15 15	2 10
S 26	20 51	18 5	2 56	22 18	0 33	9 32	1 47	17 0	1 44	21 8	0 21	2 14	2 7	17 29	0 37	7 22	1 20	16 15	2 22	11 14	11 7	11 13	15 14	2 10
M27	21 2	16 26	2 1	22 38	0 39	9 56	1 48	16 45	1 43	21 8	0 21	2 14	2 7	17 28	0 37	7 21	1 19	16 16	2 22	11 15	11 8	11 11	15 13	2 10
T 28	21 12	14 6	1 1	22 56	0 46	10 21	1 48	16 31	1 42	21 9	0 21	2 14	2 6	17 28	0 37	7 21	1 19	16 16	2 22	11 16	11 9	11 10	15 13	2 10
W29	21 22	11 11	0s 1	23 14	0 52	10 45	1 49	16 16	1 41	21 10	0 20	2 14	2 6	17 27	0 37	7 21	1 19	16 16	2 22	11 16	11 10	11 8	15 12	2 10
T 30	21s32	7s50	1s 4	23s30	0s59	11s 8	1n50	16s 1	1s39	21n10	0s20	2s14	2s 6	17s27	0s37	7n20	1s19	16n16	2n22	11n16	11n11	11s 7	15n11	2s10

Julian Day Number = 3062900.5, Delta T = 02h32m27s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'24, Lahiri = 47°19'25

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ASTRODIENST EPHEMERIS for the year 3673
geocentric

DECEMBER 3673 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 44 35	9♐32'14	24♓16	17♐56	5♏35	21♒29	21°R31	29°R13	12♒42	22°R11	22°R 4	0°R17	0♍28	0♓55	18°R48	F 1
S 2	4 48 32	10°32'17	6♈20	19°29	6°48	22°13	21♋26	29°D13	12°44	22♈10	22♎ 3	0♍14	0°25	1° 1	18♉46	S 2
S 3	4 52 29	11°32'22	18°39	21° 2	8° 1	22°57	21°21	29♓13	12°46	22° 9	22° 3	0° 9	0°21	1° 8	18°43	S 3
M 4	4 56 25	12°32'28	1♉17	22°34	9°14	23°41	21°17	29°14	12°48	22° 8	22° 3	0° 2	0°18	1°15	18°40	M 4
T 5	5 0 22	13°32'35	14°18	24° 6	10°27	24°25	21°12	29°14	12°51	22° 7	22° 2	29♎52	0°15	1°21	18°38	T 5
W 6	5 4 18	14°32'45	27°40	25°38	11°41	25°10	21° 7	29°14	12°53	22° 6	22° 2	29°40	0°12	1°28	18°35	W 6
T 7	5 8 15	15°32'55	11♊23	27° 9	12°54	25°54	21° 1	29°15	12°55	22° 5	22° 2	29°28	0° 9	1°35	18°33	T 7
F 8	5 12 11	16°33'08	25°24	28°40	14° 8	26°38	20°56	29°15	12°57	22° 5	22° 1	29°16	0° 5	1°41	18°30	F 8
S 9	5 16 8	17°33'22	9♋37	0♏10	15°21	27°23	20°50	29°16	13° 0	22° 4	22° 1	29° 7	0° 2	1°48	18°28	S 9
S 10	5 20 5	18°33'38	23°57	1°41	16°35	28° 7	20°44	29°17	13° 2	22° 3	22° 0	29° 0	29♎59	1°54	18°26	S 10
M11	5 24 1	19°33'56	8♎19	3°11	17°48	28°51	20°39	29°18	13° 5	22° 2	22° 0	28°56	29°56	2° 1	18°23	M11
T 12	5 27 58	20°34'15	22°39	4°40	19° 2	29°36	20°32	29°19	13° 7	22° 2	21°59	28°D54	29°53	2° 8	18°21	T 12
W13	5 31 54	21°34'37	6♍52	6° 9	20°15	0♓21	20°26	29°20	13°10	22° 1	21°59	28°54	29°50	2°14	18°19	W13
T 14	5 35 51	22°35'00	20°59	7°38	21°29	1° 5	20°20	29°21	13°12	22° 0	21°58	28°R54	29°46	2°21	18°16	T 14
F 15	5 39 47	23°35'25	4♎58	9° 7	22°43	1°50	20°13	29°22	13°15	22° 0	21°58	28°54	29°43	2°28	18°14	F 15
S 16	5 43 44	24°35'52	18°48	10°35	23°57	2°35	20° 7	29°24	13°17	21°59	21°57	28°51	29°40	2°34	18°12	S 16
S 17	5 47 40	25°36'20	2♏29	12° 2	25°11	3°19	20° 0	29°25	13°20	21°59	21°57	28°46	29°37	2°41	18°10	S 17
M18	5 51 37	26°36'51	16° 1	13°29	26°25	4° 4	19°53	29°27	13°23	21°58	21°56	28°39	29°34	2°48	18° 8	M18
T 19	5 55 34	27°37'23	29°23	14°55	27°39	4°49	19°46	29°29	13°25	21°58	21°55	28°29	29°31	2°54	18° 6	T 19
W20	5 59 30	28°37'56	12♐32	16°21	28°53	5°34	19°39	29°30	13°28	21°57	21°55	28°18	29°27	3° 1	18° 4	W20
T 21	6 3 27	29°38'31	25°27	17°46	0♐ 7	6°19	19°32	29°32	13°31	21°57	21°54	28° 7	29°24	3° 8	18° 2	T 21
F 22	6 7 23	0♑39'08	8♑ 8	19°10	1°21	7° 4	19°24	29°34	13°34	21°56	21°53	27°57	29°21	3°14	18° 0	F 22
S 23	6 11 20	1°39'45	20°35	20°33	2°35	7°49	19°17	29°37	13°37	21°56	21°52	27°49	29°18	3°21	17°58	S 23
S 24	6 15 16	2°40'24	2♒48	21°55	3°49	8°35	19°10	29°39	13°40	21°56	21°52	27°43	29°15	3°28	17°56	S 24
M25	6 19 13	3°41'04	14°49	23°16	5° 4	9°20	19° 2	29°41	13°42	21°56	21°51	27°40	29°11	3°34	17°54	M25
T 26	6 23 9	4°41'45	26°41	24°35	6°18	10° 5	18°54	29°44	13°45	21°55	21°50	27°D39	29° 8	3°41	17°52	T 26
W27	6 27 6	5°42'27	8♓28	25°52	7°32	10°50	18°47	29°46	13°48	21°55	21°49	27°39	29° 5	3°47	17°51	W27
T 28	6 31 3	6°43'10	20°15	27° 8	8°47	11°35	18°39	29°49	13°51	21°55	21°48	27°40	29° 2	3°54	17°49	T 28
F 29	6 34 59	7°43'54	2♈ 7	28°21	10° 1	12°21	18°31	29°51	13°54	21°55	21°48	27°R41	28°59	4° 1	17°47	F 29
S 30	6 38 56	8°44'39	14° 9	29°31	11°15	13° 6	18°23	29°54	13°58	21°55	21°47	27°41	28°56	4° 7	17°46	S 30
S 31	6 42 52	9♑45'24	26♈27	0♒39	12♐30	13♓52	18♋15	29♓57	14♒ 1	21♈55	21♎46	27♎40	28♎52	4♓14	17♉44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s41	4s 9	2s 4	23s45	1s 5	11s32	1n50	15s46	1s38	21n11	0s20	2s14	2s 6	17s26	0s37	7n20	1s19	16n16	2n22	11n16	11n13	11s 5	15n10	2s10
S 2	21 49	0 15	2 59	23 59	1 11	11 55	1 50	15 31	1 37	21 12	0 20	2 14	2 6	17 25	0 37	7 20	1 19	16 17	2 22	11 17	11 14	11 4	15 10	2 10
S 3	21 58	3n44	3 47	24 12	1 17	12 18	1 51	15 15	1 36	21 13	0 20	2 14	2 6	17 25	0 37	7 19	1 19	16 17	2 22	11 19	11 15	11 2	15 9	2 10
M 4	22 6	7 40	4 25	24 23	1 23	12 41	1 51	15 0	1 35	21 14	0 20	2 13	2 5	17 24	0 37	7 19	1 19	16 17	2 23	11 22	11 16	11 1	15 8	2 10
T 5	22 13	11 21	4 51	24 34	1 28	13 4	1 51	14 44	1 34	21 14	0 20	2 13	2 5	17 24	0 37	7 19	1 19	16 17	2 23	11 25	11 17	10 59	15 7	2 10
W 6	22 20	14 34	5 1	24 43	1 34	13 26	1 51	14 28	1 33	21 15	0 20	2 13	2 5	17 23	0 37	7 18	1 19	16 17	2 23	11 29	11 18	10 58	15 7	2 10
T 7	22 27	17 4	4 55	24 50	1 39	13 48	1 51	14 13	1 32	21 16	0 20	2 13	2 5	17 22	0 37	7 18	1 19	16 18	2 23	11 33	11 19	10 56	15 6	2 10
F 8	22 33	18 37	4 31	24 57	1 44	14 10	1 51	13 56	1 30	21 17	0 20	2 12	2 5	17 22	0 37	7 18	1 19	16 18	2 23	11 37	11 20	10 55	15 5	2 10
S 9	22 39	19 3	3 50	25 2	1 49	14 31	1 51	13 40	1 29	21 18	0 20	2 12	2 5	17 21	0 37	7 17	1 19	16 18	2 23	11 41	11 21	10 53	15 5	2 10
S 10	22 44	18 15	2 54	25 6	1 54	14 52	1 50	13 24	1 28	21 19	0 20	2 11	2 4	17 20	0 37	7 17	1 19	16 18	2 23	11 43	11 23	10 52	15 4	2 10
M11	22 49	16 18	1 47	25 9	1 58	15 13	1 50	13 8	1 27	21 20	0 19	2 11	2 4	17 19	0 37	7 17	1 19	16 19	2 23	11 45	11 24	10 50	15 3	2 10
T 12	22 53	13 19	0 33	25 10	2 2	15 34	1 50	12 51	1 26	21 21	0 19	2 10	2 4	17 19	0 37	7 17	1 19	16 19	2 24	11 45	11 25	10 49	15 3	2 10
W13	22 57	9 34	0n42	25 11	2 6	15 54	1 49	12 34	1 25	21 22	0 19	2 10	2 4	17 18	0 37	7 17	1 19	16 19	2 24	11 45	11 26	10 47	15 2	2 10
T 14	23 1	5 18	1 55	25 10	2 10	16 13	1 49	12 18	1 24	21 23	0 19	2 9	2 4	17 17	0 37	7 16	1 19	16 20	2 24	11 45	11 27	10 46	15 1	2 10
F 15	23 4	0 48	3 0	25 7	2 13	16 33	1 48	12 1	1 22	21 24	0 19	2 8	2 3	17 17	0 37	7 16	1 19	16 20	2 24	11 45	11 28	10 44	15 1	2 10
S 16	23 7	3s42	3 53	25 4	2 16	16 51	1 47	11 44	1 21	21 25	0 19	2 8	2 3	17 16	0 37	7 16	1 19	16 20	2 24	11 46	11 29	10 43	15 0	2 10
S 17	23 9	7 57	4 33	24 59	2 19	17 10	1 46	11 27	1 20	21 26	0 19	2 7	2 3	17 15	0 37	7 16	1 19	16 20	2 24	11 48	11 30	10 41	15 0	2 10
M18	23 11	11 44	4 57	24 53	2 21	17 28	1 45	11 9	1 19	21 27	0 19	2 6	2 3	17 14	0 36	7 16	1 19	16 21	2 24	11 50	11 31	10 39	14 59	2 10
T 19	23 12	14 53	5 4	24 46	2 23	17 46	1 44	10 52	1 18	21 28	0 19	2 5	2 3	17 13	0 36	7 16	1 19	16 21	2 24	11 54	11 32	10 38	14 58	2 10
W20	23 13	17 13	4 55	24 37	2 24	18 3	1 43	10 35	1 17	21 29	0 19	2 4	2 3	17 13	0 36	7 15	1 19	16 21	2 24	11 57	11 34	10 36	14 58	2 10
T 21	23 13	18 38	4 31	24 27	2 25	18 20	1 42	10 17	1 16	21 31	0 18	2 3	2 2	17 12	0 36	7 15	1 19	16 22	2 25	12 1	11 35	10 35	14 57	2 10
F 22	23 13	19 6	3 53	24 17	2 26	18 36	1 41	9 59	1 14	21 32	0 18	2 2	2 2	17 11	0 36	7 15	1 19	16 22	2 25	12 5	11 36	10 33	14 57	2 10
S 23	23 13	18 36	3 5	24 5	2 26	18 52	1 40	9 42	1 13	21 33	0 18	2 1	2 2	17 10	0 36	7 15	1 19	16 22	2 25	12 7	11 37	10 32	14 56	2 10
S 24	23 12	17 15	2 10	23 51	2 26	19 7	1 38	9 24	1 12	21 34	0 18	2 0	2 2	17 9	0 36	7 15	1 19	16 23	2 25	12 9	11 38	10 30	14 56	2 10
M25	23 10	15 9	1 9	23 37	2 25	19 22	1 37	9 6	1 11	21 35	0 18	1 59	2 2	17 8	0 36	7 15	1 19	16 23	2 25	12 11	11 39	10 29	14 55	2 10
T 26	23 8	12 26	0 5	23 22	2 23	19 36	1 35	8 48	1 10	21 36	0 18	1 58	2 2	17 8	0 36	7 15	1 19	16 24	2 25	12 11	11 40	10 27	14 55	2 10
W27	23 6	9 13	0s58	23 6	2 21	19 49	1 34	8 30	1 9	21 38	0 18	1 57	2 1	17 7	0 36	7 15	1 18	16 24	2 25	12 11	11 41	10 25	14 54	2 10
T 28	23 3	5 39	1 59	22 48	2 19	20 3	1 32	8 12	1 8	21 39	0 18	1 56	2 1	17 6	0 36	7 15	1 18	16 24	2 25	12 10	11 42	10 24	14 54	2 10
F 29	23 0	1 51	2 55	22 30	2 15	20 15	1 31	7 54	1 6	21 40	0 18	1 55	2 1	17 5	0 36	7 15	1 18	16 25	2 25	12 10	11 43	10 22	14 54	2 10
S 30	22 56	2n 4	3 45	22 12	2 11	20 27	1 29	7 35	1 5	21 41	0 17	1 53	2 1	17 4	0 36	7 15	1 18	16 25	2 26	12 10	11 45	10 21	14 53	2 10
S 31	22s52	5n59	4s25	21s52	2s 6	20s39	1n27	7s17	1s 4	21n42	0s17	1s52	2s 1	17s 3	0s36	7n15	1s18	16n26	2n26	12n11	11n46	10s19	14n53	2s10

Julian Day Number = 3062930.5, Delta T = 02h32m28s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'28, Lahiri = 47°19'29

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3674
geocentric

JANUARY 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 46 49	10♑46'11	9♉ 4	1♒43	13♐44	14♓37	18°R 7	0♈ 0	14♒ 4	21°D55	21°R45	27°R36	28♌49	4♓21	17°R43	M 1
T 2	6 50 45	11°46'58	22° 6	2°43	14°59	15°22	17♋59	0° 3	14° 7	21♈55	21♌44	27♌30	28°46	4°27	17♉41	T 2
W 3	6 54 42	12°47'46	5♊34	3°39	16°13	16° 8	17°51	0° 6	14°10	21°55	21°43	27°24	28°43	4°34	17°40	W 3
T 4	6 58 38	13°48'35	19°27	4°29	17°28	16°53	17°43	0°10	14°13	21°55	21°42	27°16	28°40	4°41	17°39	T 4
F 5	7 2 35	14°49'25	3♋44	5°13	18°43	17°39	17°34	0°13	14°16	21°55	21°41	27° 9	28°37	4°47	17°37	F 5
S 6	7 6 32	15°50'16	18°19	5°51	19°57	18°24	17°26	0°17	14°20	21°55	21°40	27° 3	28°33	4°54	17°36	S 6
S 7	7 10 28	16°51'07	3♌ 5	6°21	21°12	19°10	17°18	0°20	14°23	21°55	21°39	26°59	28°30	5° 1	17°35	S 7
M 8	7 14 25	17°51'59	17°54	6°43	22°27	19°55	17°10	0°24	14°26	21°55	21°38	26°57	28°27	5° 7	17°34	M 8
T 9	7 18 21	18°52'53	2♍38	6°55	23°41	20°41	17° 2	0°27	14°30	21°56	21°37	26°D57	28°24	5°14	17°33	T 9
W10	7 22 18	19°53'47	17°13	6°R57	24°56	21°27	16°54	0°31	14°33	21°56	21°36	26°58	28°21	5°20	17°32	W10
T 11	7 26 14	20°54'42	1♎34	6°48	26°11	22°12	16°45	0°35	14°36	21°56	21°35	26°59	28°17	5°27	17°31	T 11
F 12	7 30 11	21°55'39	15°39	6°28	27°25	22°58	16°37	0°39	14°40	21°57	21°33	27°R 0	28°14	5°34	17°30	F 12
S 13	7 34 8	22°56'36	29°26	5°56	28°40	23°43	16°29	0°43	14°43	21°57	21°32	27° 0	28°11	5°40	17°29	S 13
S 14	7 38 4	23°57'35	12♏57	5°13	29°55	24°29	16°21	0°47	14°46	21°57	21°31	26°59	28° 8	5°47	17°29	S 14
M15	7 42 1	24°58'34	26°13	4°18	1♑10	25°15	16°13	0°52	14°50	21°58	21°30	26°56	28° 5	5°54	17°28	M15
T 16	7 45 57	25°59'34	9♐13	3°14	2°25	26° 0	16° 5	0°56	14°53	21°58	21°29	26°51	28° 2	6° 0	17°27	T 16
W17	7 49 54	27° 0'35	22° 0	2° 2	3°40	26°46	15°57	1° 0	14°57	21°59	21°28	26°46	27°58	6° 7	17°27	W17
T 18	7 53 50	28° 1'37	4♑35	0°44	4°55	27°32	15°50	1° 5	15° 0	21°59	21°27	26°41	27°55	6°14	17°26	T 18
F 19	7 57 47	29° 2'39	16°57	29♑22	6°10	28°18	15°42	1° 9	15° 3	22° 0	21°25	26°36	27°52	6°20	17°26	F 19
S 20	8 1 43	0♒ 3'42	29°10	27°59	7°24	29° 3	15°34	1°14	15° 7	22° 1	21°24	26°32	27°49	6°27	17°25	S 20
S 21	8 5 40	1° 4'45	11♒12	26°39	8°39	29°49	15°26	1°19	15°10	22° 1	21°23	26°30	27°46	6°34	17°25	S 21
M22	8 9 37	2° 5'48	23° 7	25°23	9°54	0♈35	15°19	1°23	15°14	22° 2	21°22	26°D29	27°43	6°40	17°25	M22
T 23	8 13 33	3° 6'52	4♓56	24°14	11° 9	1°20	15°12	1°28	15°17	22° 3	21°20	26°29	27°39	6°47	17°24	T 23
W24	8 17 30	4° 7'56	16°43	23°13	12°24	2° 6	15° 4	1°33	15°21	22° 4	21°19	26°30	27°36	6°54	17°24	W24
T 25	8 21 26	5° 9'00	28°30	22°22	13°39	2°52	14°57	1°38	15°24	22° 4	21°18	26°32	27°33	7° 0	17°24	T 25
F 26	8 25 23	6°10'04	10♈22	21°40	14°54	3°38	14°50	1°43	15°28	22° 5	21°17	26°34	27°30	7° 7	17°D24	F 26
S 27	8 29 19	7°11'07	22°22	21°10	16° 9	4°23	14°43	1°49	15°32	22° 6	21°15	26°35	27°27	7°13	17°24	S 27
S 28	8 33 16	8°12'11	4♉37	20°50	17°24	5° 9	14°36	1°54	15°35	22° 7	21°14	26°R36	27°23	7°20	17°24	S 28
M29	8 37 12	9°13'15	17° 9	20°39	18°39	5°55	14°29	1°59	15°39	22° 8	21°13	26°36	27°20	7°27	17°24	M29
T 30	8 41 9	10°14'18	0♊ 5	20°D38	19°55	6°41	14°22	2° 4	15°42	22° 9	21°12	26°35	27°17	7°33	17°24	T 30
W31	8 45 6	11♒15'22	13♊27	20♑46	21♑10	7♈26	14♋16	2♈10	15♒46	22♈10	21♌10	26♌33	27♌14	7♓40	17♉25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s47	9n45	4s53	21s32	1s59	20s50	1n25	6s59	1s 3	21n44	0s17	1s51	2s 1	17s 2	0s36	7n15	1s18	16n26	2n26	12n12	11n47	10s18	14n52	2s10
T 2	22 42	13 10	5 8	21 12	1 52	21 0	1 24	6 40	1 2	21 45	0 17	1 49	2 1	17 1	0 36	7 15	1 18	16 26	2 26	12 14	11 48	10 16	14 52	2 10
W 3	22 37	16 1	5 6	20 51	1 45	21 10	1 22	6 22	1 1	21 46	0 17	1 48	2 0	17 0	0 36	7 15	1 18	16 27	2 26	12 16	11 49	10 14	14 52	2 10
T 4	22 31	18 3	4 47	20 31	1 35	21 19	1 20	6 3	1 0	21 47	0 17	1 47	2 0	17 0	0 36	7 15	1 18	16 27	2 26	12 19	11 50	10 13	14 51	2 10
F 5	22 24	19 1	4 9	20 10	1 25	21 27	1 18	5 44	0 59	21 48	0 17	1 45	2 0	16 59	0 36	7 15	1 18	16 28	2 26	12 21	11 51	10 11	14 51	2 10
S 6	22 18	18 46	3 14	19 50	1 14	21 35	1 16	5 26	0 57	21 49	0 16	1 44	2 0	16 58	0 36	7 15	1 18	16 28	2 26	12 23	11 52	10 10	14 51	2 10
S 7	22 10	17 15	2 6	19 30	1 1	21 43	1 13	5 7	0 56	21 51	0 16	1 42	2 0	16 57	0 36	7 15	1 18	16 28	2 26	12 24	11 53	10 8	14 50	2 10
M 8	22 2	14 33	0 49	19 12	0 48	21 49	1 11	4 48	0 55	21 52	0 16	1 41	2 0	16 56	0 36	7 15	1 18	16 29	2 27	12 25	11 54	10 6	14 50	2 10
T 9	21 54	10 55	0n31	18 54	0 33	21 55	1 9	4 29	0 54	21 53	0 16	1 39	1 59	16 55	0 36	7 16	1 18	16 29	2 27	12 25	11 55	10 5	14 50	2 10
W10	21 46	6 40	1 48	18 38	0 16	22 1	1 7	4 11	0 53	21 54	0 16	1 37	1 59	16 54	0 36	7 16	1 18	16 30	2 27	12 25	11 57	10 3	14 50	2 10
T 11	21 37	2 6	2 58	18 23	0n 1	22 5	1 5	3 52	0 52	21 55	0 16	1 36	1 59	16 53	0 36	7 16	1 18	16 30	2 27	12 24	11 58	10 2	14 49	2 10
F 12	21 27	2s29	3 55	18 11	0 19	22 10	1 2	3 33	0 51	21 56	0 16	1 34	1 59	16 52	0 36	7 16	1 18	16 31	2 27	12 24	11 59	10 0	14 49	2 10
S 13	21 17	6 50	4 37	18 0	0 38	22 13	1 0	3 14	0 50	21 57	0 16	1 32	1 59	16 51	0 36	7 16	1 18	16 31	2 27	12 24	12 0	9 58	14 49	2 10
S 14	21 7	10 45	5 3	17 51	0 58	22 16	0 58	2 55	0 49	21 59	0 15	1 30	1 59	16 50	0 36	7 16	1 18	16 32	2 27	12 24	12 1	9 57	14 49	2 10
M15	20 56	14 3	5 13	17 45	1 17	22 18	0 55	2 36	0 48	22 0	0 15	1 29	1 59	16 49	0 36	7 17	1 18	16 32	2 27	12 26	12 2	9 55	14 49	2 10
T 16	20 45	16 36	5 6	17 41	1 37	22 19	0 53	2 17	0 46	22 1	0 15	1 27	1 58	16 48	0 36	7 17	1 18	16 32	2 27	12 27	12 3	9 54	14 49	2 10
W17	20 34	18 16	4 43	17 39	1 55	22 20	0 50	1 58	0 45	22 2	0 15	1 25	1 58	16 47	0 36	7 17	1 18	16 33	2 27	12 29	12 4	9 52	14 48	2 10
T 18	20 22	19 1	4 7	17 39	2 12	22 20	0 48	1 39	0 44	22 3	0 15	1 23	1 58	16 46	0 36	7 17	1 18	16 33	2 28	12 31	12 5	9 50	14 48	2 10
F 19	20 10	18 51	3 20	17 41	2 28	22 20	0 45	1 20	0 43	22 4	0 15	1 21	1 58	16 45	0 36	7 18	1 18	16 34	2 28	12 32	12 6	9 49	14 48	2 10
S 20	19 57	17 47	2 25	17 44	2 41	22 18	0 43	1 1	0 42	22 5	0 14	1 19	1 58	16 44	0 36	7 18	1 18	16 34	2 28	12 33	12 7	9 47	14 48	2 10
S 21	19 44	15 55	1 23	17 49	2 52	22 16	0 40	0 42	0 41	22 6	0 14	1 17	1 58	16 43	0 36	7 18	1 18	16 35	2 28	12 34	12 9	9 45	14 48	2 10
M22	19 31	13 24	0 19	17 54	3 1	22 14	0 38	0 23	0 40	22 7	0 14	1 15	1 58	16 42	0 36	7 18	1 17	16 35	2 28	12 35	12 10	9 44	14 48	2 9
T 23	19 17	10 20	0s47	18 0	3 7	22 11	0 35	0 4	0 39	22 8	0 14	1 13	1 58	16 41	0 36	7 19	1 17	16 36	2 28	12 34	12 11	9 42	14 48	2 9
W24	19 3	6 53	1 50	18 7	3 10	22 7	0 32	0n15	0 38	22 9	0 14	1 11	1 57	16 40	0 36	7 19	1 17	16 36	2 28	12 34	12 12	9 41	14 48	2 9
T 25	18 48	3 10	2 48	18 14	3 12	22 2	0 30	0 34	0 37	22 10	0 14	1 9	1 57	16 39	0 36	7 19	1 17	16 37	2 28	12 34	12 13	9 39	14 48	2 9
F 26	18 34	0n42	3 40	18 21	3 11	21 57	0 27	0 53	0 36	22 11	0 14	1 7	1 57	16 38	0 36	7 20	1 17	16 37	2 28	12 33	12 14	9 37	14 48	2 9
S 27	18 18	4 34	4 22	18 29	3 8	21 51	0 25	1 12	0 35	22 12	0 13	1 5	1 57	16 37	0 36	7 20	1 17	16 38	2 28	12 32	12 15	9 36	14 48	2 9
S 28	18 3	8 19	4 54	18 36	3 4	21 44	0 22	1 31	0 34	22 13	0 13	1 3	1 57	16 36	0 36	7 20	1 17	16 38	2 28	12 32	12 16	9 34	14 48	2 9
M29	17 47	11 48	5 13	18 43	2 58	21 37	0 19	1 50	0 33	22 14	0 13	1 0	1 57	16 35	0 36	7 21	1 17	16 39	2 29	12 32	12 17	9 32	14 48	2 9
T 30	17 31	14 50	5 16	18 50	2 51	21 29	0 17	2 9	0 32	22 14	0 13	0 58	1 57	16 34	0 36	7 21	1 17	16 39	2 29	12 33	12 18	9 31	14 48	2 9
W31	17s15	17n11	5s 3	18s56	2n43	21s21	0n14	2n27	0s31	22n15	0s13	0s56	1s57	16s33	0s36	7n22	1s17	16n40	2n29	12n33	12n19	9s29	14n48	2s 9

Julian Day Number = 3062961.5, Delta T = 02h32m29s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'33, Lahiri = 47°19'33

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

FEBRUARY 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 49 2	12♒16'25	27♊16	21♑ 2	22♑25	8♈12	14°R10	2♈15	15♒49	22♈11	21°R 9	26°R31	27♌11	7♓47	17♉25	T 1
F 2	8 52 59	13°17'28	11♋33	21°25	23°40	8°58	14♋ 3	2°21	15°53	22°12	21♌ 8	26♌29	27° 8	7°53	17°25	F 2
S 3	8 56 55	14°18'30	26°13	21°55	24°55	9°43	13°57	2°26	15°57	22°13	21° 6	26°28	27° 4	8° 0	17°26	S 3
S 4	9 0 52	15°19'33	11♌12	22°31	26°10	10°29	13°51	2°32	16° 0	22°14	21° 5	26°27	27° 1	8° 7	17°26	S 4
M 5	9 4 48	16°20'35	26°19	23°13	27°25	11°15	13°45	2°38	16° 4	22°15	21° 4	26°D27	26°58	8°13	17°27	M 5
T 6	9 8 45	17°21'37	11♍27	23°59	28°40	12° 0	13°40	2°44	16° 7	22°16	21° 2	26°27	26°55	8°20	17°27	T 6
W 7	9 12 41	18°22'39	26°27	24°50	29°55	12°46	13°34	2°50	16°11	22°18	21° 1	26°27	26°52	8°27	17°28	W 7
T 8	9 16 38	19°23'41	11♎10	25°44	1♒10	13°31	13°29	2°55	16°14	22°19	21° 0	26°28	26°48	8°33	17°29	T 8
F 9	9 20 35	20°24'43	25°31	26°42	2°26	14°17	13°24	3° 1	16°18	22°20	20°58	26°29	26°45	8°40	17°29	F 9
S 10	9 24 31	21°25'44	9♏29	27°44	3°41	15° 3	13°19	3° 7	16°22	22°21	20°57	26°29	26°42	8°47	17°30	S 10
S 11	9 28 28	22°26'46	23° 3	28°48	4°56	15°48	13°14	3°14	16°25	22°23	20°56	26°R29	26°39	8°53	17°31	S 11
M12	9 32 24	23°27'48	6♐14	29°54	6°11	16°34	13° 9	3°20	16°29	22°24	20°55	26°29	26°36	9° 0	17°32	M12
T 13	9 36 21	24°28'50	19° 4	1♒ 3	7°26	17°19	13° 5	3°26	16°32	22°25	20°53	26°29	26°33	9° 6	17°33	T 13
W14	9 40 17	25°29'51	1♑38	2°14	8°41	18° 5	13° 1	3°32	16°36	22°27	20°52	26°29	26°29	9°13	17°34	W14
T 15	9 44 14	26°30'53	13°57	3°27	9°57	18°50	12°57	3°38	16°39	22°28	20°51	26°D29	26°26	9°20	17°35	T 15
F 16	9 48 10	27°31'54	26° 5	4°41	11°12	19°36	12°53	3°45	16°43	22°30	20°49	26°29	26°23	9°26	17°36	F 16
S 17	9 52 7	28°32'54	8♒ 4	5°57	12°27	20°21	12°49	3°51	16°46	22°31	20°48	26°29	26°20	9°33	17°38	S 17
S 18	9 56 4	29°33'54	19°57	7°15	13°42	21° 7	12°46	3°57	16°50	22°33	20°47	26°29	26°17	9°40	17°39	S 18
M19	10 0 0	0♓34'53	1♓47	8°34	14°57	21°52	12°42	4° 4	16°53	22°34	20°45	26°R29	26°14	9°46	17°40	M19
T 20	10 3 57	1°35'52	13°34	9°54	16°13	22°37	12°39	4°10	16°57	22°36	20°44	26°29	26°10	9°53	17°42	T 20
W21	10 7 53	2°36'50	25°22	11°15	17°28	23°23	12°36	4°17	17° 0	22°38	20°43	26°28	26° 7	10° 0	17°43	W21
T 22	10 11 50	3°37'47	7♈12	12°37	18°43	24° 8	12°33	4°24	17° 4	22°39	20°41	26°27	26° 4	10° 6	17°45	T 22
F 23	10 15 46	4°38'43	19° 8	14° 1	19°58	24°54	12°31	4°30	17° 7	22°41	20°40	26°26	26° 1	10°13	17°46	F 23
S 24	10 19 43	5°39'38	1♉12	15°25	21°14	25°39	12°28	4°37	17°11	22°42	20°39	26°25	25°58	10°20	17°48	S 24
S 25	10 23 39	6°40'32	13°27	16°51	22°29	26°24	12°26	4°44	17°14	22°44	20°38	26°24	25°54	10°26	17°49	S 25
M26	10 27 36	7°41'25	25°58	18°17	23°44	27° 9	12°24	4°50	17°18	22°46	20°36	26°23	25°51	10°33	17°51	M26
T 27	10 31 32	8°42'17	8♊47	19°44	24°59	27°55	12°23	4°57	17°21	22°48	20°35	26°D23	25°48	10°40	17°53	T 27
W28	10 35 29	9♓43'08	21♊59	21♒12	26♒14	28♈40	12♋21	5♈ 4	17♒24	22♈49	20♌34	26♌23	25♌45	10♓46	17♉55	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16s58	18n39	4s33	19s 2	2n35	21s11	0n11	2n46	0s30	22n16	0s13	0s54	1s56	16s31	0s36	7n22	1s17	16n40	2n29	12n34	12n20	9s27	14n49	2s 9	T 1
F 2	16 41	19 0	3 44	19 8	2 26	21 2	0 9	3 5	0 29	22 17	0 13	0 51	1 56	16 30	0 36	7 22	1 17	16 41	2 29	12 34	12 21	9 26	14 49	2 9	F 2
S 3	16 23	18 6	2 40	19 12	2 17	20 51	0 6	3 24	0 27	22 18	0 12	0 49	1 56	16 29	0 36	7 23	1 17	16 41	2 29	12 35	12 23	9 24	14 49	2 9	S 3
S 4	16 6	15 55	1 24	19 16	2 7	20 40	0 4	3 42	0 26	22 18	0 12	0 47	1 56	16 28	0 36	7 23	1 17	16 42	2 29	12 35	12 24	9 22	14 49	2 9	S 4
M 5	15 48	12 37	0 1	19 19	1 57	20 28	0 1	4 1	0 25	22 19	0 12	0 44	1 56	16 27	0 36	7 24	1 17	16 42	2 29	12 35	12 25	9 21	14 49	2 9	M 5
T 6	15 29	8 29	1n23	19 21	1 47	20 16	0s 2	4 20	0 24	22 20	0 12	0 42	1 56	16 26	0 36	7 24	1 17	16 43	2 29	12 35	12 26	9 19	14 49	2 9	T 6
W 7	15 11	3 50	2 39	19 23	1 37	20 3	0 4	4 38	0 23	22 21	0 12	0 40	1 56	16 25	0 36	7 25	1 17	16 43	2 29	12 35	12 27	9 18	14 50	2 9	W 7
T 8	14 52	0s56	3 44	19 23	1 27	19 50	0 7	4 57	0 22	22 21	0 12	0 37	1 56	16 24	0 36	7 25	1 17	16 44	2 29	12 35	12 28	9 16	14 50	2 9	T 8
F 9	14 33	5 32	4 33	19 22	1 17	19 36	0 9	5 15	0 21	22 22	0 11	0 35	1 56	16 23	0 36	7 26	1 17	16 44	2 29	12 35	12 29	9 14	14 50	2 9	F 9
S 10	14 14	9 42	5 4	19 20	1 7	19 21	0 12	5 34	0 20	22 23	0 11	0 32	1 56	16 22	0 36	7 26	1 17	16 45	2 29	12 35	12 30	9 12	14 50	2 9	S 10
S 11	13 54	13 14	5 18	19 17	0 57	19 6	0 14	5 52	0 20	22 23	0 11	0 30	1 56	16 21	0 36	7 27	1 17	16 45	2 29	12 34	12 31	9 11	14 51	2 9	S 11
M12	13 35	16 0	5 14	19 13	0 47	18 50	0 17	6 10	0 19	22 24	0 11	0 27	1 55	16 20	0 36	7 27	1 17	16 46	2 30	12 34	12 32	9 9	14 51	2 9	M12
T 13	13 15	17 54	4 54	19 8	0 38	18 34	0 19	6 28	0 18	22 24	0 11	0 25	1 55	16 19	0 36	7 28	1 17	16 46	2 30	12 35	12 33	9 7	14 51	2 8	T 13
W14	12 54	18 52	4 20	19 1	0 29	18 17	0 22	6 46	0 17	22 25	0 11	0 22	1 55	16 18	0 36	7 28	1 17	16 47	2 30	12 35	12 34	9 6	14 52	2 8	W14
T 15	12 34	18 56	3 35	18 54	0 19	17 59	0 24	7 4	0 16	22 25	0 10	0 20	1 55	16 17	0 36	7 29	1 17	16 47	2 30	12 35	12 35	9 4	14 52	2 8	T 15
F 16	12 13	18 6	2 41	18 45	0 10	17 41	0 27	7 22	0 15	22 26	0 10	0 17	1 55	16 16	0 36	7 29	1 17	16 47	2 30	12 35	12 37	9 2	14 52	2 8	F 16
S 17	11 52	16 28	1 41	18 35	0 2	17 23	0 29	7 40	0 14	22 27	0 10	0 15	1 55	16 15	0 36	7 30	1 17	16 48	2 30	12 35	12 38	9 1	14 53	2 8	S 17
S 18	11 31	14 7	0 36	18 24	0s 7	17 4	0 32	7 58	0 13	22 27	0 10	0 12	1 55	16 14	0 36	7 31	1 17	16 48	2 30	12 35	12 39	8 59	14 53	2 8	S 18
M19	11 10	11 12	0s29	18 12	0 15	16 44	0 34	8 16	0 12	22 27	0 10	0 10	1 55	16 13	0 36	7 31	1 17	16 49	2 30	12 35	12 40	8 57	14 54	2 8	M19
T 20	10 49	7 51	1 34	17 59	0 23	16 25	0 36	8 33	0 11	22 28	0 10	0 7	1 55	16 12	0 36	7 32	1 16	16 49	2 30	12 35	12 41	8 56	14 54	2 8	T 20
W21	10 27	4 11	2 34	17 45	0 31	16 4	0 38	8 51	0 10	22 28	0 10	0 4	1 55	16 11	0 36	7 32	1 16	16 50	2 30	12 35	12 42	8 54	14 54	2 8	W21
T 22	10 5	0 21	3 28	17 29	0 39	15 43	0 41	9 8	0 9	22 29	0 9	0 2	1 55	16 9	0 36	7 33	1 16	16 50	2 30	12 35	12 43	8 52	14 55	2 8	T 22
F 23	9 43	3n31	4 13	17 13	0 46	15 22	0 43	9 26	0 8	22 29	0 9	0n 1	1 55	16 8	0 36	7 34	1 16	16 51	2 30	12 35	12 44	8 51	14 55	2 8	F 23
S 24	9 21	7 17	4 47	16 55	0 53	15 0	0 45	9 43	0 7	22 29	0 9	0 4	1 55	16 7	0 36	7 34	1 16	16 51	2 30	12 36	12 45	8 49	14 56	2 8	S 24
S 25	8 59	10 48	5 9	16 36	1 0	14 38	0 47	10 0	0 6	22 30	0 9	0 6	1 55	16 6	0 36	7 35	1 16	16 52	2 30	12 36	12 46	8 47	14 56	2 8	S 25
M26	8 37	13 55	5 17	16 16	1 7	14 16	0 49	10 17	0 5	22 30	0 9	0 9	1 55	16 5	0 36	7 36	1 16	16 52	2 30	12 37	12 47	8 45	14 57	2 8	M26
T 27	8 14	16 28	5 10	15 55	1 13	13 53	0 51	10 34	0 5	22 30	0 9	0 12	1 55	16 4	0 36	7 36	1 16	16 53	2 30	12 37	12 48	8 44	14 57	2 8	T 27
W28	7s51	18n13	4s46	15s33	1s19	13s29	0s53	10n51	0s 4	22n31	0s 9	0n14	1s54	16s 3	0s36	7n37	1s16	16n53	2n30	12n37	12n49	8s42	14n58	2s 8	W28

Julian Day Number = 3062992.5, Delta T = 02h32m30s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'37, Lahiri = 47°19'37

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

MARCH 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 39 26	10♓43'57	5♋37	22♒41	27♒30	29♈25	12°R20	5♈11	17♒28	22♈51	20°R33	26♌24	25♌42	10♓53	17♉57	T 1
F 2	10 43 22	11°44'46	19°41	24°10	28°45	0♉10	12♋19	5°18	17°31	22°53	20♌31	26°25	25°39	10°59	17°59	F 2
S 3	10 47 19	12°45'33	4♌10	25°41	29°59	0°55	12°18	5°25	17°34	22°55	20°30	26°26	25°35	11° 6	18° 1	S 3
S 4	10 51 15	13°46'18	19° 2	27°12	1♓15	1°40	12°17	5°32	17°38	22°57	20°29	26°R27	25°32	11°13	18° 3	S 4
M 5	10 55 12	14°47'03	4♍10	28°44	2°30	2°25	12°17	5°39	17°41	22°59	20°28	26°27	25°29	11°19	18° 5	M 5
T 6	10 59 8	15°47'46	19°26	0♓17	3°45	3°10	12°16	5°46	17°44	23° 0	20°27	26°26	25°26	11°26	18° 7	T 6
W 7	11 3 5	16°48'28	4♎39	1°51	5° 1	3°55	12°D16	5°53	17°47	23° 2	20°25	26°24	25°23	11°33	18° 9	W 7
T 8	11 7 1	17°49'09	19°39	3°25	6°16	4°40	12°16	6° 0	17°51	23° 4	20°24	26°21	25°20	11°39	18°11	T 8
F 9	11 10 58	18°49'49	4♏18	5° 0	7°31	5°25	12°16	6° 7	17°54	23° 6	20°23	26°18	25°16	11°46	18°13	F 9
S 10	11 14 55	19°50'28	18°31	6°36	8°46	6°10	12°17	6°14	17°57	23° 8	20°22	26°15	25°13	11°53	18°16	S 10
S 11	11 18 51	20°51'06	2♐16	8°13	10° 1	6°55	12°18	6°21	18° 0	23°10	20°21	26°13	25°10	11°59	18°18	S 11
M12	11 22 48	21°51'43	15°33	9°51	11°16	7°40	12°19	6°28	18° 3	23°12	20°20	26°12	25° 7	12° 6	18°20	M12
T 13	11 26 44	22°52'19	28°24	11°30	12°32	8°24	12°20	6°35	18° 6	23°14	20°19	26°D12	25° 4	12°13	18°23	T 13
W14	11 30 41	23°52'54	10♑54	13° 9	13°47	9° 9	12°21	6°42	18°10	23°16	20°18	26°13	25° 0	12°19	18°25	W14
T 15	11 34 37	24°53'28	23° 7	14°50	15° 2	9°54	12°22	6°50	18°13	23°18	20°17	26°14	24°57	12°26	18°28	T 15
F 16	11 38 34	25°54'01	5♒ 7	16°31	16°17	10°38	12°24	6°57	18°16	23°20	20°15	26°16	24°54	12°33	18°31	F 16
S 17	11 42 30	26°54'32	16°59	18°13	17°32	11°23	12°26	7° 4	18°19	23°22	20°14	26°17	24°51	12°39	18°33	S 17
S 18	11 46 27	27°55'03	28°46	19°56	18°47	12° 8	12°28	7°11	18°22	23°24	20°13	26°R18	24°48	12°46	18°36	S 18
M19	11 50 24	28°55'32	10♓33	21°40	20° 2	12°52	12°30	7°18	18°25	23°27	20°12	26°17	24°45	12°53	18°38	M19
T 20	11 54 20	29°55'59	22°21	23°25	21°18	13°37	12°33	7°26	18°27	23°29	20°11	26°14	24°41	12°59	18°41	T 20
W21	11 58 17	0♈56'25	4♈13	25°11	22°33	14°21	12°36	7°33	18°30	23°31	20°11	26° 9	24°38	13° 6	18°44	W21
T 22	12 2 13	1°56'49	16°10	26°58	23°48	15° 6	12°38	7°40	18°33	23°33	20°10	26° 3	24°35	13°12	18°47	T 22
F 23	12 6 10	2°57'12	28°15	28°46	25° 3	15°50	12°41	7°48	18°36	23°35	20° 9	25°56	24°32	13°19	18°50	F 23
S 24	12 10 6	3°57'34	10♉29	0♈35	26°18	16°35	12°45	7°55	18°39	23°37	20° 8	25°49	24°29	13°26	18°53	S 24
S 25	12 14 3	4°57'53	22°53	2°25	27°33	17°19	12°48	8° 2	18°41	23°39	20° 7	25°43	24°25	13°32	18°55	S 25
M26	12 17 59	5°58'11	5♊30	4°15	28°48	18° 3	12°52	8° 9	18°44	23°42	20° 6	25°37	24°22	13°39	18°58	M26
T 27	12 21 56	6°58'27	18°21	6° 7	0♈ 3	18°47	12°56	8°17	18°47	23°44	20° 5	25°34	24°19	13°46	19° 1	T 27
W28	12 25 52	7°58'41	1♋30	8° 0	1°18	19°32	13° 0	8°24	18°49	23°46	20° 4	25°32	24°16	13°52	19° 4	W28
T 29	12 29 49	8°58'53	14°58	9°53	2°33	20°16	13° 4	8°31	18°52	23°48	20° 3	25°D32	24°13	13°59	19° 8	T 29
F 30	12 33 46	9°59'03	28°48	11°48	3°48	21° 0	13° 8	8°39	18°55	23°50	20° 3	25°33	24°10	14° 6	19°11	F 30
S 31	12 37 42	10♈59'11	13♌ 0	13♈43	5♈ 3	21♉44	13♋13	8♈46	18♒57	23♈53	20♌ 2	25♌34	24♌ 6	14♓12	19♉14	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s29	19n 0	4s 6	15s10	1s24	13s 6	0s55	11n 7	0s 3	22n31	0s 8	0n17	1s54	16s 2	0s36	7n38	1s16	16n53	2n30	12n36	12n50	8s40	14n58	2s 8	T 1
F 2	7 6	18 39	3 10	14 45	1 30	12 42	0 57	11 24	0 2	22 31	0 8	0 20	1 54	16 1	0 36	7 38	1 16	16 54	2 31	12 36	12 51	8 39	14 59	2 8	F 2
S 3	6 43	17 5	2 0	14 20	1 35	12 17	0 59	11 40	0 1	22 32	0 8	0 23	1 54	16 0	0 36	7 39	1 16	16 54	2 31	12 35	12 52	8 37	15 0	2 8	S 3
S 4	6 20	14 20	0 41	13 54	1 40	11 52	1 0	11 57	0 0	22 32	0 8	0 25	1 54	15 59	0 37	7 40	1 16	16 55	2 31	12 35	12 54	8 35	15 0	2 8	S 4
M 5	5 56	10 33	0n43	13 26	1 44	11 27	1 2	12 13	0n 1	22 32	0 8	0 28	1 54	15 58	0 37	7 40	1 16	16 55	2 31	12 35	12 55	8 33	15 1	2 8	M 5
T 6	5 33	6 3	2 4	12 58	1 48	11 2	1 4	12 29	0 2	22 32	0 8	0 31	1 54	15 57	0 37	7 41	1 16	16 56	2 31	12 36	12 56	8 32	15 1	2 8	T 6
W 7	5 10	1 10	3 16	12 28	1 52	10 36	1 5	12 45	0 2	22 32	0 7	0 34	1 54	15 57	0 37	7 42	1 16	16 56	2 31	12 36	12 57	8 30	15 2	2 8	W 7
T 8	4 46	3s42	4 13	11 57	1 55	10 10	1 7	13 1	0 3	22 32	0 7	0 37	1 54	15 56	0 37	7 42	1 16	16 56	2 31	12 37	12 58	8 28	15 3	2 8	T 8
F 9	4 23	8 14	4 53	11 26	1 58	9 44	1 9	13 16	0 4	22 33	0 7	0 39	1 54	15 55	0 37	7 43	1 16	16 57	2 31	12 38	12 59	8 27	15 3	2 8	F 9
S 10	3 59	12 10	5 12	10 53	2 1	9 18	1 10	13 32	0 5	22 33	0 7	0 42	1 54	15 54	0 37	7 44	1 16	16 57	2 31	12 39	13 0	8 25	15 4	2 8	S 10
S 11	3 36	15 18	5 14	10 20	2 4	8 51	1 11	13 47	0 6	22 33	0 7	0 45	1 54	15 53	0 37	7 45	1 16	16 58	2 31	12 40	13 1	8 23	15 5	2 8	S 11
M12	3 12	17 31	4 58	9 45	2 6	8 24	1 13	14 3	0 7	22 33	0 7	0 48	1 54	15 52	0 37	7 45	1 16	16 58	2 31	12 40	13 2	8 21	15 5	2 8	M12
T 13	2 48	18 46	4 27	9 9	2 7	7 56	1 14	14 18	0 7	22 33	0 7	0 51	1 54	15 51	0 37	7 46	1 16	16 58	2 31	12 40	13 3	8 20	15 6	2 7	T 13
W14	2 25	19 3	3 44	8 33	2 9	7 29	1 15	14 33	0 8	22 33	0 6	0 53	1 54	15 50	0 37	7 47	1 16	16 59	2 31	12 40	13 4	8 18	15 7	2 7	W14
T 15	2 1	18 26	2 52	7 55	2 10	7 1	1 16	14 47	0 9	22 33	0 6	0 56	1 54	15 49	0 37	7 48	1 16	16 59	2 31	12 39	13 5	8 16	15 7	2 7	T 15
F 16	1 37	16 58	1 54	7 17	2 10	6 33	1 18	15 2	0 10	22 33	0 6	0 59	1 54	15 48	0 37	7 48	1 16	16 59	2 31	12 39	13 6	8 14	15 8	2 7	F 16
S 17	1 13	14 48	0 51	6 37	2 10	6 5	1 19	15 17	0 11	22 33	0 6	1 2	1 54	15 47	0 37	7 49	1 16	17 0	2 31	12 38	13 7	8 13	15 9	2 7	S 17
S 18	0 49	12 0	0s14	5 57	2 10	5 37	1 20	15 31	0 11	22 33	0 6	1 5	1 54	15 46	0 37	7 50	1 16	17 0	2 31	12 38	13 8	8 11	15 10	2 7	S 18
M19	0 25	8 44	1 17	5 15	2 9	5 9	1 21	15 45	0 12	22 33	0 6	1 7	1 54	15 45	0 37	7 51	1 16	17 0	2 31	12 39	13 9	8 9	15 10	2 7	M19
T 20	0 2	5 7	2 18	4 33	2 8	4 40	1 21	15 59	0 13	22 33	0 6	1 10	1 54	15 45	0 37	7 52	1 16	17 1	2 31	12 40	13 10	8 7	15 11	2 7	T 20
W21	0n22	1 17	3 12	3 50	2 6	4 12	1 22	16 13	0 14	22 32	0 6	1 13	1 54	15 44	0 37	7 52	1 16	17 1	2 31	12 41	13 11	8 6	15 12	2 7	W21
T 22	0 46	2n37	3 59	3 6	2 4	3 43	1 23	16 27	0 14	22 32	0 5	1 16	1 54	15 43	0 37	7 53	1 16	17 1	2 31	12 43	13 13	8 4	15 13	2 7	T 22
F 23	1 10	6 28	4 35	2 21	2 2	3 14	1 24	16 40	0 15	22 32	0 5	1 19	1 54	15 42	0 37	7 54	1 16	17 2	2 31	12 45	13 14	8 2	15 13	2 7	F 23
S 24	1 34	10 5	4 59	1 35	1 58	2 45	1 24	16 54	0 16	22 32	0 5	1 22	1 54	15 41	0 37	7 55	1 16	17 2	2 31	12 48	13 15	8 0	15 14	2 7	S 24
S 25	1 57	13 19	5 10	0 49	1 55	2 16	1 25	17 7	0 17	22 32	0 5	1 24	1 54	15 40	0 37	7 56	1 16	17 2	2 31	12 50	13 16	7 59	15 15	2 7	S 25
M26	2 21	16 0	5 6	0 1	1 51	1 47	1 25	17 20	0 17	22 32	0 5	1 27	1 54	15 40	0 37	7 56	1 16	17 3	2 31	12 52	13 17	7 57	15 16	2 7	M26
T 27	2 45	17 58	4 46	0n47	1 46	1 18	1 26	17 33	0 18	22 31	0 5	1 30	1 54	15 39	0 37	7 57	1 16	17 3	2 31	12 53	13 18	7 55	15 17	2 7	T 27
W28	3 8	19 1	4 12	1 35	1 41	0 48	1 26	17 45	0 19	22 31	0 5	1 33	1 54	15 38	0 37	7 58	1 16	17 3	2 31	12 54	13 19	7 53	15 17	2 7	W28
T 29	3 32	19 2	3 22	2 25	1 36	0 19	1 27	17 58	0 20	22 31	0 5	1 36	1 54	15 37	0 37	7 59	1 16	17 3	2 31	12 54	13 20	7 51	15 18	2 7	T 29
F 30	3 55	17 56	2 20	3 15	1 29	0n10	1 27	18 10	0 20	22 30	0 4	1 39	1 54	15 36	0 37	8 0	1 16	17 4	2 31	12 53	13 21	7 50	15 19	2 7	F 30
S 31	4n19	15n41	1s 8	4n 5	1s23	0n39	1s27	18n22	0n21	22n30	0s 4	1n41	1s54	15s36	0s37	8n 0	1s16	17n 4	2n31	12n53	13n22	7s48	15n20	2s 7	S 31

Julian Day Number = 3063020.5, Delta T = 02h32m31s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'41, Lahiri = 47°19'41

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

APRIL 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 41 39	11♈59'17	27♌34	15♈38	6♈18	22♉28	13♋17	8♈53	19♒ 0	23♈55	20°R 1	25°R35	24♌ 3	14♓19	19♉17	S 1
M 2	12 45 35	12°59'21	12♍25	17°35	7°33	23°12	13°22	9° 1	19° 2	23°57	20♌ 0	25♌33	24° 0	14°26	19°20	M 2
T 3	12 49 32	13°59'23	27°29	19°32	8°48	23°56	13°27	9° 8	19° 5	23°59	20° 0	25°30	23°57	14°32	19°23	T 3
W 4	12 53 28	14°59'23	12♎35	21°29	10° 3	24°40	13°32	9°15	19° 7	24° 2	19°59	25°24	23°54	14°39	19°27	W 4
T 5	12 57 25	15°59'21	27°36	23°26	11°18	25°24	13°38	9°22	19° 9	24° 4	19°58	25°17	23°51	14°46	19°30	T 5
F 6	13 1 21	16°59'18	12♏21	25°23	12°33	26° 8	13°43	9°30	19°12	24° 6	19°58	25° 9	23°47	14°52	19°33	F 6
S 7	13 5 18	17°59'13	26°43	27°20	13°48	26°51	13°49	9°37	19°14	24° 8	19°57	25° 1	23°44	14°59	19°37	S 7
S 8	13 9 15	18°59'07	10♐37	29°16	15° 3	27°35	13°55	9°44	19°16	24°11	19°57	24°53	23°41	15° 6	19°40	S 8
M 9	13 13 11	19°58'58	24° 2	1♑11	16°17	28°19	14° 1	9°51	19°18	24°13	19°56	24°48	23°38	15°12	19°43	M 9
T 10	13 17 8	20°58'49	6♑59	3° 5	17°32	29° 3	14° 7	9°59	19°20	24°15	19°55	24°45	23°35	15°19	19°47	T 10
W11	13 21 4	21°58'38	19°32	4°58	18°47	29°46	14°14	10° 6	19°23	24°18	19°55	24°D44	23°31	15°26	19°50	W11
T 12	13 25 1	22°58'25	1♒45	6°48	20° 2	0♊30	14°20	10°13	19°25	24°20	19°54	24°44	23°28	15°32	19°54	T 12
F 13	13 28 57	23°58'10	13°45	8°35	21°17	1°13	14°27	10°20	19°27	24°22	19°54	24°45	23°25	15°39	19°57	F 13
S 14	13 32 54	24°57'54	25°35	10°20	22°32	1°57	14°34	10°27	19°29	24°24	19°53	24°R45	23°22	15°45	20° 1	S 14
S 15	13 36 50	25°57'36	7♓21	12° 1	23°46	2°40	14°41	10°35	19°30	24°27	19°53	24°45	23°19	15°52	20° 4	S 15
M16	13 40 47	26°57'17	19° 8	13°38	25° 1	3°24	14°48	10°42	19°32	24°29	19°53	24°41	23°16	15°59	20° 8	M16
T 17	13 44 43	27°56'55	0♈59	15°10	26°16	4° 7	14°55	10°49	19°34	24°31	19°52	24°36	23°12	16° 5	20°11	T 17
W18	13 48 40	28°56'32	12°57	16°38	27°31	4°50	15° 2	10°56	19°36	24°33	19°52	24°27	23° 9	16°12	20°15	W18
T 19	13 52 37	29°56'07	25° 5	18° 1	28°45	5°34	15°10	11° 3	19°38	24°36	19°52	24°17	23° 6	16°19	20°19	T 19
F 20	13 56 33	0♉55'40	7♉23	19°18	0♉ 0	6°17	15°18	11°10	19°39	24°38	19°51	24° 5	23° 3	16°25	20°22	F 20
S 21	14 0 30	1°55'12	19°52	20°29	1°15	7° 0	15°25	11°17	19°41	24°40	19°51	23°52	23° 0	16°32	20°26	S 21
S 22	14 4 26	2°54'41	2♊32	21°33	2°30	7°43	15°33	11°24	19°43	24°43	19°51	23°40	22°57	16°39	20°29	S 22
M23	14 8 23	3°54'08	15°24	22°31	3°44	8°26	15°42	11°31	19°44	24°45	19°50	23°30	22°53	16°45	20°33	M23
T 24	14 12 19	4°53'33	28°28	23°23	4°59	9° 9	15°50	11°38	19°46	24°47	19°50	23°23	22°50	16°52	20°37	T 24
W25	14 16 16	5°52'56	11♋44	24° 7	6°13	9°52	15°58	11°45	19°47	24°49	19°50	23°18	22°47	16°59	20°41	W25
T 26	14 20 12	6°52'17	25°14	24°44	7°28	10°35	16° 7	11°52	19°49	24°52	19°50	23°16	22°44	17° 5	20°44	T 26
F 27	14 24 9	7°51'35	8♌58	25°14	8°43	11°18	16°15	11°58	19°50	24°54	19°50	23°D15	22°41	17°12	20°48	F 27
S 28	14 28 6	8°50'51	22°58	25°37	9°57	12° 1	16°24	12° 5	19°51	24°56	19°50	23°R15	22°37	17°19	20°52	S 28
S 29	14 32 2	9°50'05	7♍14	25°53	11°12	12°44	16°33	12°12	19°53	24°58	19°50	23°15	22°34	17°25	20°55	S 29
M30	14 35 59	10♉49'17	21♍44	26♉ 1	12♉26	13♊27	16♋42	12♈19	19♒54	25♈ 0	19♌50	23♌12	22♌31	17♓32	20♉59	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	4n42	12n23	0n11	4n56	1s15	1n 9	1s27	18n34	0n22	22n30	0s 4	1n44	1s54	15s35	0s37	8n 1	1s16	17n 4	2n31	12n53	13n23	7s46	15n21	2s 7	S 1
M 2	5 5	8 14	1 30	5 48	1 8	1 38	1 27	18 46	0 22	22 29	0 4	1 47	1 55	15 34	0 37	8 2	1 16	17 5	2 31	12 53	13 24	7 44	15 22	2 7	M 2
T 3	5 28	3 30	2 44	6 39	0 59	2 7	1 27	18 57	0 23	22 29	0 4	1 50	1 55	15 34	0 37	8 3	1 16	17 5	2 31	12 54	13 25	7 43	15 22	2 7	T 3
W 4	5 51	1s27	3 46	7 31	0 51	2 37	1 27	19 9	0 24	22 29	0 4	1 53	1 55	15 33	0 37	8 4	1 16	17 5	2 31	12 56	13 26	7 41	15 23	2 7	W 4
T 5	6 14	6 17	4 32	8 23	0 41	3 6	1 27	19 20	0 24	22 28	0 4	1 55	1 55	15 32	0 37	8 5	1 16	17 5	2 31	12 59	13 27	7 39	15 24	2 7	T 5
F 6	6 37	10 39	4 59	9 15	0 31	3 35	1 27	19 31	0 25	22 28	0 4	1 58	1 55	15 31	0 37	8 5	1 16	17 5	2 31	13 1	13 28	7 37	15 25	2 7	F 6
S 7	7 0	14 16	5 7	10 6	0 21	4 4	1 26	19 42	0 26	22 27	0 3	2 1	1 55	15 31	0 37	8 6	1 16	17 6	2 31	13 4	13 29	7 35	15 26	2 7	S 7
S 8	7 22	16 57	4 56	10 57	0 10	4 33	1 26	19 52	0 26	22 27	0 3	2 4	1 55	15 30	0 37	8 7	1 16	17 6	2 31	13 6	13 30	7 34	15 27	2 7	S 8
M 9	7 45	18 37	4 28	11 48	0n 1	5 2	1 26	20 3	0 27	22 26	0 3	2 6	1 55	15 29	0 37	8 8	1 16	17 6	2 31	13 8	13 31	7 32	15 28	2 7	M 9
T 10	8 7	19 15	3 48	12 38	0 12	5 31	1 25	20 13	0 28	22 26	0 3	2 9	1 55	15 29	0 37	8 9	1 16	17 6	2 31	13 9	13 32	7 30	15 28	2 7	T 10
W11	8 29	18 53	2 58	13 26	0 24	5 59	1 25	20 23	0 28	22 25	0 3	2 12	1 55	15 28	0 38	8 9	1 16	17 6	2 32	13 10	13 33	7 28	15 29	2 7	W11
T 12	8 51	17 38	2 0	14 14	0 36	6 28	1 24	20 32	0 29	22 25	0 3	2 15	1 55	15 28	0 38	8 10	1 16	17 7	2 32	13 10	13 34	7 26	15 30	2 7	T 12
F 13	9 13	15 37	0 59	15 0	0 48	6 56	1 23	20 42	0 30	22 24	0 3	2 17	1 55	15 27	0 38	8 11	1 16	17 7	2 32	13 9	13 35	7 25	15 31	2 7	F 13
S 14	9 35	12 57	0s 4	15 45	1 1	7 25	1 23	20 51	0 30	22 24	0 3	2 20	1 55	15 26	0 38	8 12	1 16	17 7	2 32	13 9	13 36	7 23	15 32	2 7	S 14
S 15	9 56	9 46	1 7	16 27	1 13	7 53	1 22	21 0	0 31	22 23	0 2	2 23	1 55	15 26	0 38	8 13	1 16	17 7	2 32	13 9	13 38	7 21	15 33	2 8	S 15
M16	10 18	6 12	2 7	17 8	1 25	8 21	1 21	21 9	0 31	22 22	0 2	2 25	1 55	15 25	0 38	8 14	1 16	17 7	2 32	13 10	13 39	7 19	15 34	2 8	M16
T 17	10 39	2 23	3 1	17 47	1 37	8 48	1 20	21 18	0 32	22 22	0 2	2 28	1 56	15 25	0 38	8 14	1 16	17 7	2 32	13 12	13 40	7 17	15 35	2 8	T 17
W18	11 0	1n34	3 48	18 23	1 48	9 16	1 19	21 27	0 33	22 21	0 2	2 31	1 56	15 24	0 38	8 15	1 16	17 7	2 32	13 15	13 41	7 16	15 36	2 8	W18
T 19	11 21	5 31	4 25	18 57	1 59	9 43	1 18	21 35	0 33	22 20	0 2	2 33	1 56	15 24	0 38	8 16	1 16	17 7	2 32	13 19	13 42	7 14	15 37	2 8	T 19
F 20	11 42	9 16	4 50	19 28	2 10	10 10	1 17	21 43	0 34	22 19	0 2	2 36	1 56	15 23	0 38	8 17	1 16	17 8	2 32	13 23	13 43	7 12	15 38	2 8	F 20
S 21	12 2	12 42	5 1	19 57	2 19	10 37	1 16	21 51	0 34	22 19	0 2	2 39	1 56	15 23	0 38	8 18	1 16	17 8	2 32	13 27	13 44	7 10	15 38	2 8	S 21
S 22	12 22	15 36	4 59	20 23	2 29	11 4	1 15	21 58	0 35	22 18	0 2	2 41	1 56	15 22	0 38	8 18	1 16	17 8	2 32	13 31	13 45	7 8	15 39	2 8	S 22
M23	12 42	17 47	4 41	20 46	2 37	11 30	1 13	22 6	0 35	22 17	0 2	2 44	1 56	15 22	0 38	8 19	1 16	17 8	2 32	13 34	13 46	7 6	15 40	2 8	M23
T 24	13 2	19 5	4 8	21 6	2 44	11 56	1 12	22 13	0 36	22 16	0 1	2 46	1 56	15 21	0 38	8 20	1 16	17 8	2 32	13 36	13 47	7 5	15 41	2 8	T 24
W25	13 22	19 22	3 21	21 23	2 51	12 22	1 11	22 20	0 37	22 15	0 1	2 49	1 56	15 21	0 38	8 21	1 16	17 8	2 32	13 38	13 48	7 3	15 42	2 8	W25
T 26	13 41	18 33	2 23	21 37	2 56	12 47	1 9	22 27	0 37	22 14	0 1	2 52	1 56	15 21	0 38	8 22	1 16	17 8	2 32	13 39	13 49	7 1	15 43	2 8	T 26
F 27	14 0	16 39	1 15	21 49	3 0	13 12	1 8	22 33	0 38	22 13	0 1	2 54	1 57	15 20	0 38	8 22	1 16	17 8	2 32	13 39	13 50	6 59	15 44	2 8	F 27
S 28	14 19	13 43	0 2	21 57	3 3	13 37	1 6	22 39	0 38	22 12	0 1	2 57	1 57	15 20	0 38	8 23	1 16	17 8	2 32	13 39	13 51	6 57	15 45	2 8	S 28
S 29	14 38	9 55	1n13	22 2	3 4	14 1	1 5	22 45	0 39	22 12	0 1	2 59	1 57	15 19	0 38	8 24	1 16	17 8	2 32	13 39	13 52	6 55	15 46	2 8	S 29
M30	14n56	5n28	2n25	22n 4	3n 4	14n26	1s 3	22n51	0n39	22n11	0s 1	3n 2	1s57	15s19	0s38	8n25	1s16	17n 8	2n32	13n40	13n53	6s54	15n47	2s 8	M30

Julian Day Number = 3063051.5, Delta T = 02h32m32s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'45, Lahiri = 47°19'46

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

MAY 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 39 55	11♉48'26	6♎24	26°R 2	13♉41	14♊10	16♋51	12♈25	19♒55	25♈ 3	19°R50	23°R 7	22♌28	17♓39	21♉ 3	T 1
W 2	14 43 52	12°47'33	21°10	25♉57	14°55	14°52	17° 0	12°32	19°56	25° 5	19°D50	22♌59	22°25	17°45	21° 7	W 2
T 3	14 47 48	13°46'38	5♏53	25°45	16°10	15°35	17°10	12°39	19°57	25° 7	19♌50	22°49	22°22	17°52	21°11	T 3
F 4	14 51 45	14°45'42	20°26	25°27	17°24	16°17	17°19	12°45	19°58	25° 9	19°50	22°38	22°18	17°59	21°14	F 4
S 5	14 55 41	15°44'43	4♐41	25° 3	18°39	17° 0	17°29	12°52	19°59	25°11	19°50	22°26	22°15	18° 5	21°18	S 5
S 6	14 59 38	16°43'43	18°33	24°34	19°53	17°43	17°38	12°58	20° 0	25°14	19°50	22°15	22°12	18°12	21°22	S 6
M 7	15 3 35	17°42'40	1♑59	24° 1	21° 7	18°25	17°48	13° 5	20° 1	25°16	19°50	22° 7	22° 9	18°19	21°26	M 7
T 8	15 7 31	18°41'37	14°59	23°24	22°22	19° 7	17°58	13°11	20° 2	25°18	19°50	22° 1	22° 6	18°25	21°30	T 8
W 9	15 11 28	19°40'31	27°36	22°44	23°36	19°50	18° 8	13°18	20° 3	25°20	19°50	21°58	22° 2	18°32	21°33	W 9
T 10	15 15 24	20°39'24	9♒52	22° 2	24°51	20°32	18°18	13°24	20° 3	25°22	19°50	21°56	21°59	18°39	21°37	T 10
F 11	15 19 21	21°38'15	21°53	21°19	26° 5	21°14	18°28	13°30	20° 4	25°24	19°51	21°56	21°56	18°45	21°41	F 11
S 12	15 23 17	22°37'04	3♓45	20°35	27°19	21°57	18°39	13°36	20° 5	25°26	19°51	21°56	21°53	18°52	21°45	S 12
S 13	15 27 14	23°35'52	15°33	19°51	28°33	22°39	18°49	13°43	20° 5	25°28	19°51	21°55	21°50	18°59	21°49	S 13
M14	15 31 10	24°34'38	27°22	19° 8	29°48	23°21	19° 0	13°49	20° 6	25°30	19°51	21°51	21°47	19° 5	21°52	M14
T 15	15 35 7	25°33'22	9♈17	18°28	1♊ 2	24° 3	19°10	13°55	20° 6	25°32	19°52	21°45	21°43	19°12	21°56	T 15
W16	15 39 4	26°32'05	21°22	17°49	2°16	24°45	19°21	14° 1	20° 7	25°34	19°52	21°37	21°40	19°19	22° 0	W16
T 17	15 43 0	27°30'46	3♉39	17°14	3°30	25°27	19°32	14° 7	20° 7	25°36	19°52	21°26	21°37	19°25	22° 4	T 17
F 18	15 46 57	28°29'25	16°10	16°43	4°45	26° 9	19°43	14°13	20° 7	25°38	19°53	21°13	21°34	19°32	22° 8	F 18
S 19	15 50 53	29°28'03	28°56	16°15	5°59	26°51	19°54	14°19	20° 8	25°40	19°53	20°59	21°31	19°39	22°11	S 19
S 20	15 54 50	0♊26'39	11♊57	15°52	7°13	27°33	20° 5	14°25	20° 8	25°42	19°54	20°47	21°28	19°45	22°15	S 20
M21	15 58 46	1°25'12	25°10	15°34	8°27	28°15	20°16	14°30	20° 8	25°44	19°54	20°36	21°24	19°52	22°19	M21
T 22	16 2 43	2°23'44	8♋35	15°20	9°41	28°57	20°27	14°36	20° 8	25°46	19°55	20°28	21°21	19°59	22°23	T 22
W23	16 6 39	3°22'15	22° 9	15°11	10°55	29°39	20°38	14°42	20° 8	25°48	19°55	20°23	21°18	20° 5	22°27	W23
T 24	16 10 36	4°20'43	5♌53	15°D 7	12°10	0♋20	20°50	14°47	20°R 8	25°50	19°56	20°20	21°15	20°12	22°30	T 24
F 25	16 14 33	5°19'09	19°45	15° 8	13°24	1° 2	21° 1	14°53	20° 8	25°52	19°56	20°D19	21°12	20°18	22°34	F 25
S 26	16 18 29	6°17'32	3♍44	15°14	14°38	1°44	21°13	14°58	20° 8	25°54	19°57	20°R20	21° 8	20°25	22°38	S 26
S 27	16 22 26	7°15'54	17°52	15°24	15°52	2°25	21°25	15° 4	20° 8	25°56	19°58	20°19	21° 5	20°32	22°42	S 27
M28	16 26 22	8°14'14	2♎ 6	15°40	17° 6	3° 7	21°36	15° 9	20° 8	25°57	19°58	20°17	21° 2	20°38	22°45	M28
T 29	16 30 19	9°12'32	16°24	15°59	18°20	3°48	21°48	15°14	20° 7	25°59	19°59	20°13	20°59	20°45	22°49	T 29
W30	16 34 15	10°10'47	0♏44	16°23	19°34	4°30	22° 0	15°20	20° 7	26° 1	20° 0	20° 6	20°56	20°52	22°53	W30
T 31	16 38 12	11♊ 9'01	15♏ 1	16♉52	20♊48	5♋11	22♋12	15♈25	20♒ 7	26♈ 3	20♌ 0	19♌57	20♌53	20♓58	22♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n14	0n39	3n27	22n 3	3n 2	14n49	1s 2	22n57	0n40	22n10	0s 1	3n 4	1s57	15s19	0s38	8n26	1s16	17n 8	2n32	13n41	13n54	6s52	15n48	2s 8	T 1
W 2	15 32	4s13	4 16	21 58	2 59	15 13	1 0	23 2	0 40	22 8	0 1	3 7	1 57	15 18	0 38	8 26	1 16	17 8	2 32	13 44	13 55	6 50	15 49	2 8	W 2
T 3	15 50	8 50	4 48	21 51	2 55	15 36	0 58	23 8	0 41	22 7	0 1	3 9	1 57	15 18	0 38	8 27	1 16	17 8	2 32	13 47	13 56	6 48	15 49	2 8	T 3
F 4	16 7	12 52	5 1	21 41	2 49	15 58	0 56	23 12	0 41	22 6	0 0	3 11	1 57	15 18	0 38	8 28	1 16	17 8	2 32	13 51	13 57	6 46	15 50	2 8	F 4
S 5	16 24	16 4	4 54	21 28	2 41	16 21	0 54	23 17	0 42	22 5	0 0	3 14	1 57	15 18	0 38	8 29	1 16	17 8	2 32	13 55	13 58	6 44	15 51	2 8	S 5
S 6	16 41	18 15	4 30	21 12	2 32	16 42	0 53	23 22	0 42	22 4	0 0	3 16	1 58	15 17	0 38	8 29	1 16	17 8	2 32	13 58	13 59	6 43	15 52	2 8	S 6
M 7	16 58	19 21	3 52	20 53	2 21	17 4	0 51	23 26	0 43	22 3	0 0	3 18	1 58	15 17	0 38	8 30	1 16	17 8	2 32	14 1	14 0	6 41	15 53	2 9	M 7
T 8	17 14	19 22	3 2	20 33	2 9	17 25	0 49	23 30	0 43	22 2	0n 0	3 21	1 58	15 17	0 39	8 31	1 16	17 8	2 32	14 3	14 1	6 39	15 54	2 9	T 8
W 9	17 30	18 24	2 5	20 10	1 56	17 45	0 47	23 34	0 44	22 0	0 0	3 23	1 58	15 17	0 39	8 32	1 16	17 8	2 32	14 4	14 2	6 37	15 55	2 9	W 9
T 10	17 45	16 36	1 4	19 45	1 42	18 5	0 45	23 37	0 44	21 59	0 0	3 25	1 58	15 17	0 39	8 32	1 16	17 8	2 32	14 4	14 3	6 35	15 56	2 9	T 10
F 11	18 1	14 5	0 0	19 19	1 27	18 24	0 43	23 41	0 45	21 58	0 0	3 28	1 58	15 16	0 39	8 33	1 16	17 8	2 32	14 4	14 4	6 33	15 57	2 9	F 11
S 12	18 16	11 1	1s 2	18 52	1 11	18 43	0 41	23 44	0 45	21 57	0 0	3 30	1 58	15 16	0 39	8 34	1 16	17 8	2 32	14 4	14 5	6 31	15 58	2 9	S 12
S 13	18 30	7 31	2 2	18 24	0 54	19 2	0 38	23 47	0 46	21 55	0 0	3 32	1 59	15 16	0 39	8 35	1 16	17 8	2 32	14 5	14 6	6 29	15 58	2 9	S 13
M14	18 45	3 44	2 56	17 57	0 37	19 20	0 36	23 49	0 46	21 54	0 1	3 34	1 59	15 16	0 39	8 35	1 16	17 8	2 32	14 6	14 7	6 28	15 59	2 9	M14
T 15	18 59	0n14	3 43	17 29	0 20	19 37	0 34	23 52	0 46	21 53	0 1	3 37	1 59	15 16	0 39	8 36	1 16	17 7	2 32	14 8	14 8	6 26	16 0	2 9	T 15
W16	19 12	4 14	4 20	17 2	0 2	19 54	0 32	23 54	0 47	21 51	0 1	3 39	1 59	15 16	0 39	8 37	1 16	17 7	2 32	14 10	14 9	6 24	16 1	2 9	W16
T 17	19 26	8 7	4 46	16 36	0s15	20 11	0 30	23 56	0 47	21 50	0 1	3 41	1 59	15 16	0 39	8 37	1 16	17 7	2 32	14 14	14 10	6 22	16 2	2 9	T 17
F 18	19 39	11 44	4 59	16 11	0 32	20 27	0 27	23 58	0 48	21 48	0 1	3 43	1 59	15 16	0 39	8 38	1 16	17 7	2 32	14 18	14 11	6 20	16 3	2 9	F 18
S 19	19 51	14 54	4 58	15 47	0 48	20 42	0 25	23 59	0 48	21 47	0 1	3 45	2 0	15 16	0 39	8 39	1 16	17 7	2 32	14 22	14 12	6 18	16 4	2 9	S 19
S 20	20 4	17 23	4 41	15 25	1 4	20 57	0 23	24 1	0 49	21 45	0 1	3 47	2 0	15 15	0 39	8 39	1 16	17 7	2 32	14 26	14 13	6 16	16 5	2 10	S 20
M21	20 15	19 0	4 8	15 5	1 19	21 11	0 20	24 2	0 49	21 44	0 1	3 49	2 0	15 15	0 39	8 40	1 17	17 7	2 32	14 30	14 14	6 14	16 5	2 10	M21
T 22	20 27	19 35	3 22	14 48	1 34	21 24	0 18	24 2	0 49	21 42	0 1	3 51	2 0	15 15	0 39	8 41	1 17	17 7	2 32	14 32	14 15	6 13	16 6	2 10	T 22
W23	20 38	19 4	2 23	14 32	1 47	21 37	0 16	24 3	0 50	21 41	0 1	3 53	2 0	15 15	0 39	8 41	1 17	17 6	2 32	14 34	14 16	6 11	16 7	2 10	W23
T 24	20 49	17 24	1 16	14 18	2 0	21 50	0 13	24 3	0 50	21 39	0 2	3 55	2 0	15 16	0 39	8 42	1 17	17 6	2 32	14 35	14 17	6 9	16 8	2 10	T 24
F 25	21 0	14 43	0 3	14 7	2 12	22 1	0 11	24 4	0 51	21 37	0 2	3 57	2 1	15 16	0 39	8 43	1 17	17 6	2 32	14 35	14 18	6 7	16 9	2 10	F 25
S 26	21 10	11 9	1n11	13 58	2 23	22 12	0 8	24 4	0 51	21 36	0 2	3 59	2 1	15 16	0 39	8 43	1 17	17 6	2 32	14 35	14 19	6 5	16 10	2 10	S 26
S 27	21 20	6 55	2 21	13 51	2 33	22 23	0 6	24 3	0 51	21 34	0 2	4 1	2 1	15 16	0 39	8 44	1 17	17 6	2 32	14 35	14 20	6 3	16 11	2 10	S 27
M28	21 29	2 17	3 22	13 47	2 43	22 33	0 4	24 3	0 52	21 32	0 2	4 3	2 1	15 16	0 39	8 45	1 17	17 5	2 32	14 36	14 21	6 1	16 11	2 10	M28
T 29	21 38	2s31	4 12	13 44	2 51	22 42	0 1	24 2	0 52	21 30	0 2	4 5	2 1	15 16	0 39	8 45	1 17	17 5	2 32	14 37	14 22	5 59	16 12	2 10	T 29
W30	21 46	7 9	4 46	13 44	2 58	22 50	0n 1	24 1	0 52	21 29	0 2	4 7	2 2	15 16	0 39	8 46	1 17	17 5	2 32	14 39	14 23	5 57	16 13	2 11	W30
T 31	21n55	11s23	5n 1	13n46	3s 5	22n58	0n 4	24n 0	0n53	21n27	0n 2	4n 8	2s 2	15s16	0s39	8n46	1s17	17n 5	2n32	14n42	14n24	5s56	16n14	2s11	T 31

Julian Day Number = 3063081.5, Delta T = 02h32m33s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'49, Lahiri = 47°19'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3674
geocentric

JUNE 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 42 8	12♊ 7'14	29♏10	17♉25	22♊ 2	5♋53	22♋24	15♈30	20°R 6	26♈ 4	20♌ 1	19°R46	20♌49	21♓ 5	23♉ 0	F 1
S 2	16 46 5	13° 5'24	13♐ 5	18° 1	23°16	6°34	22°36	15°35	20♒ 6	26° 6	20° 2	19♌36	20°46	21°12	23° 4	S 2
S 3	16 50 2	14° 3'33	26°41	18°41	24°29	7°15	22°48	15°40	20° 5	26° 8	20° 3	19°26	20°43	21°18	23° 7	S 3
M 4	16 53 58	15° 1'41	9♑58	19°26	25°43	7°57	23° 0	15°45	20° 5	26° 9	20° 3	19°18	20°40	21°25	23°11	M 4
T 5	16 57 55	15°59'47	22°52	20°13	26°57	8°38	23°12	15°50	20° 4	26°11	20° 4	19°13	20°37	21°32	23°14	T 5
W 6	17 1 51	16°57'51	5♒26	21° 4	28°11	9°19	23°25	15°54	20° 4	26°13	20° 5	19°10	20°34	21°38	23°18	W 6
T 7	17 5 48	17°55'54	17°43	21°59	29°25	10° 0	23°37	15°59	20° 3	26°14	20° 6	19°D 9	20°30	21°45	23°22	T 7
F 8	17 9 44	18°53'56	29°45	22°56	0♋39	10°41	23°49	16° 4	20° 2	26°16	20° 7	19° 9	20°27	21°52	23°25	F 8
S 9	17 13 41	19°51'57	11♓39	23°57	1°52	11°22	24° 2	16° 8	20° 2	26°17	20° 8	19°10	20°24	21°58	23°29	S 9
S 10	17 17 37	20°49'56	23°29	25° 0	3° 6	12° 3	24°14	16°13	20° 1	26°19	20° 9	19°R10	20°21	22° 5	23°32	S 10
M11	17 21 34	21°47'54	5♈20	26° 7	4°20	12°44	24°27	16°17	20° 0	26°20	20°10	19° 9	20°18	22°12	23°36	M11
T 12	17 25 31	22°45'51	17°17	27°16	5°34	13°25	24°39	16°21	19°59	26°22	20°11	19° 6	20°14	22°18	23°39	T 12
W13	17 29 27	23°43'47	29°26	28°28	6°47	14° 6	24°52	16°25	19°58	26°23	20°12	19° 1	20°11	22°25	23°43	W13
T 14	17 33 24	24°41'41	11♉50	29°43	8° 1	14°47	25° 5	16°30	19°57	26°25	20°13	18°54	20° 8	22°32	23°46	T 14
F 15	17 37 20	25°39'35	24°31	1♊ 0	9°15	15°28	25°18	16°34	19°56	26°26	20°14	18°45	20° 5	22°38	23°49	F 15
S 16	17 41 17	26°37'27	7♊31	2°20	10°29	16° 9	25°30	16°38	19°55	26°27	20°15	18°36	20° 2	22°45	23°53	S 16
S 17	17 45 13	27°35'18	20°49	3°42	11°42	16°50	25°43	16°41	19°54	26°29	20°16	18°27	19°59	22°52	23°56	S 17
M18	17 49 10	28°33'08	4♋24	5° 7	12°56	17°30	25°56	16°45	19°53	26°30	20°17	18°20	19°55	22°58	23°59	M18
T 19	17 53 7	29°30'56	18°13	6°34	14° 9	18°11	26° 9	16°49	19°51	26°31	20°18	18°14	19°52	23° 5	24° 3	T 19
W20	17 57 3	0♋28'43	2♌12	8° 4	15°23	18°52	26°22	16°53	19°50	26°33	20°19	18°11	19°49	23°12	24° 6	W20
T 21	18 1 0	1°26'29	16°19	9°36	16°37	19°32	26°35	16°56	19°49	26°34	20°20	18°D10	19°46	23°18	24° 9	T 21
F 22	18 4 56	2°24'13	0♍30	11°11	17°50	20°13	26°48	17° 0	19°47	26°35	20°21	18°10	19°43	23°25	24°12	F 22
S 23	18 8 53	3°21'56	14°42	12°47	19° 4	20°53	27° 1	17° 3	19°46	26°36	20°22	18°12	19°40	23°32	24°15	S 23
S 24	18 12 49	4°19'37	28°53	14°27	20°17	21°34	27°14	17° 6	19°45	26°37	20°24	18°R12	19°36	23°38	24°19	S 24
M25	18 16 46	5°17'17	13♎ 2	16° 8	21°31	22°14	27°28	17°10	19°43	26°38	20°25	18°12	19°33	23°45	24°22	M25
T 26	18 20 42	6°14'55	27° 8	17°52	22°44	22°55	27°41	17°13	19°42	26°39	20°26	18°11	19°30	23°52	24°25	T 26
W27	18 24 39	7°12'32	11♏ 7	19°39	23°58	23°35	27°54	17°16	19°40	26°40	20°27	18° 7	19°27	23°58	24°28	W27
T 28	18 28 36	8°10'08	24°59	21°28	25°11	24°15	28° 7	17°19	19°38	26°41	20°29	18° 2	19°24	24° 5	24°31	T 28
F 29	18 32 32	9° 7'42	8♐40	23°19	26°25	24°56	28°21	17°22	19°37	26°42	20°30	17°56	19°20	24°12	24°34	F 29
S 30	18 36 29	10♋ 5'15	22♐ 9	25♊12	27♋38	25♋36	28♋34	17♈24	19♒35	26♈43	20♌31	17♌50	19♌17	24♓19	24♉37	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	14s56	4n58	13n49	3s11	23n 5	0n 6	23n59	0n53	21n25	0n 2	4n10	2s 2	15s16	0s39	8n47	1s17	17n 5	2n32	14n45	14n25	5s54	16n15	2s11
S 2	22 10	17 34	4 38	13 55	3 15	23 12	0 9	23 57	0 54	21 23	0 2	4 12	2 2	15 17	0 39	8 48	1 17	17 4	2 32	14 48	14 26	5 52	16 15	2 11
S 3	22 17	19 9	4 2	14 2	3 19	23 18	0 11	23 55	0 54	21 21	0 2	4 14	2 2	15 17	0 40	8 48	1 17	17 4	2 32	14 51	14 27	5 50	16 16	2 11
M 4	22 23	19 39	3 13	14 10	3 22	23 23	0 14	23 53	0 54	21 19	0 3	4 15	2 3	15 17	0 40	8 49	1 17	17 4	2 32	14 54	14 28	5 48	16 17	2 11
T 5	22 30	19 5	2 15	14 21	3 25	23 27	0 16	23 51	0 55	21 17	0 3	4 17	2 3	15 17	0 40	8 49	1 17	17 4	2 32	14 56	14 29	5 46	16 18	2 11
W 6	22 35	17 34	1 13	14 32	3 26	23 31	0 18	23 49	0 55	21 15	0 3	4 18	2 3	15 17	0 40	8 50	1 17	17 3	2 32	14 57	14 30	5 44	16 18	2 11
T 7	22 41	15 16	0 8	14 45	3 27	23 34	0 21	23 46	0 55	21 13	0 3	4 20	2 3	15 18	0 40	8 50	1 17	17 3	2 32	14 57	14 31	5 42	16 19	2 12
F 8	22 46	12 20	0s57	15 0	3 27	23 36	0 23	23 43	0 56	21 11	0 3	4 22	2 3	15 18	0 40	8 51	1 17	17 3	2 32	14 57	14 32	5 40	16 20	2 12
S 9	22 50	8 57	1 58	15 15	3 27	23 38	0 26	23 40	0 56	21 9	0 3	4 23	2 4	15 18	0 40	8 51	1 17	17 3	2 32	14 56	14 33	5 38	16 21	2 12
S 10	22 54	5 13	2 53	15 31	3 25	23 39	0 28	23 37	0 56	21 7	0 3	4 25	2 4	15 18	0 40	8 52	1 17	17 2	2 32	14 56	14 34	5 36	16 21	2 12
M11	22 58	1 18	3 42	15 49	3 23	23 40	0 30	23 33	0 56	21 5	0 3	4 26	2 4	15 19	0 40	8 52	1 17	17 2	2 32	14 57	14 35	5 35	16 22	2 12
T 12	23 2	2n42	4 21	16 7	3 21	23 39	0 33	23 30	0 57	21 3	0 3	4 27	2 4	15 19	0 40	8 53	1 17	17 2	2 32	14 58	14 36	5 33	16 23	2 12
W13	23 4	6 40	4 49	16 26	3 17	23 38	0 35	23 26	0 57	21 1	0 3	4 29	2 5	15 19	0 40	8 53	1 17	17 1	2 32	14 59	14 37	5 31	16 24	2 12
T 14	23 7	10 25	5 4	16 45	3 13	23 36	0 37	23 22	0 57	20 59	0 3	4 30	2 5	15 20	0 40	8 54	1 17	17 1	2 32	15 1	14 38	5 29	16 24	2 12
F 15	23 9	13 48	5 5	17 5	3 9	23 34	0 40	23 17	0 58	20 57	0 4	4 32	2 5	15 20	0 40	8 54	1 17	17 1	2 32	15 4	14 39	5 27	16 25	2 13
S 16	23 11	16 36	4 50	17 26	3 4	23 31	0 42	23 13	0 58	20 54	0 4	4 33	2 5	15 20	0 40	8 55	1 17	17 0	2 32	15 7	14 40	5 25	16 26	2 13
S 17	23 12	18 36	4 19	17 47	2 58	23 27	0 44	23 8	0 58	20 52	0 4	4 34	2 5	15 21	0 40	8 55	1 18	17 0	2 32	15 10	14 41	5 23	16 26	2 13
M18	23 13	19 36	3 33	18 8	2 52	23 22	0 47	23 3	0 58	20 50	0 4	4 35	2 6	15 21	0 40	8 56	1 18	17 0	2 32	15 12	14 42	5 21	16 27	2 13
T 19	23 13	19 27	2 34	18 29	2 45	23 17	0 49	22 58	0 59	20 47	0 4	4 37	2 6	15 22	0 40	8 56	1 18	16 59	2 32	15 14	14 43	5 19	16 28	2 13
W20	23 13	18 6	1 25	18 51	2 38	23 11	0 51	22 53	0 59	20 45	0 4	4 38	2 6	15 22	0 40	8 56	1 18	16 59	2 32	15 14	14 44	5 17	16 28	2 13
T 21	23 13	15 39	0 10	19 12	2 31	23 5	0 53	22 48	0 59	20 43	0 4	4 39	2 6	15 23	0 40	8 57	1 18	16 59	2 32	15 15	14 45	5 15	16 29	2 13
F 22	23 12	12 14	1n 6	19 34	2 23	22 57	0 55	22 42	1 0	20 40	0 4	4 40	2 7	15 23	0 40	8 57	1 18	16 58	2 32	15 15	14 46	5 13	16 29	2 14
S 23	23 11	8 6	2 19	19 55	2 14	22 50	0 57	22 36	1 0	20 38	0 4	4 41	2 7	15 23	0 40	8 58	1 18	16 58	2 32	15 14	14 47	5 11	16 30	2 14
S 24	23 9	3 32	3 22	20 15	2 5	22 41	0 59	22 30	1 0	20 36	0 4	4 42	2 7	15 24	0 40	8 58	1 18	16 58	2 32	15 14	14 48	5 9	16 31	2 14
M25	23 7	1s12	4 14	20 35	1 56	22 32	1 1	22 24	1 0	20 33	0 4	4 43	2 7	15 24	0 40	8 58	1 18	16 57	2 32	15 14	14 49	5 7	16 31	2 14
T 26	23 5	5 51	4 49	20 55	1 46	22 22	1 3	22 17	1 1	20 31	0 4	4 44	2 8	15 25	0 40	8 59	1 18	16 57	2 32	15 15	14 50	5 5	16 32	2 14
W27	23 2	10 9	5 8	21 13	1 36	22 11	1 5	22 11	1 1	20 28	0 5	4 45	2 8	15 25	0 40	8 59	1 18	16 57	2 32	15 16	14 51	5 4	16 32	2 14
T 28	22 58	13 51	5 8	21 31	1 26	22 0	1 7	22 4	1 1	20 26	0 5	4 46	2 8	15 26	0 40	8 59	1 18	16 56	2 32	15 17	14 52	5 2	16 33	2 15
F 29	22 55	16 46	4 50	21 48	1 15	21 48	1 9	21 57	1 1	20 23	0 5	4 47	2 8	15 27	0 40	9 0	1 18	16 56	2 32	15 19	14 53	5 0	16 34	2 15
S 30	22n51	18s43	4n16	22n 3	1s 5	21n36	1n11	21n50	1n 1	20n20	0n 5	4n47	2s 9	15s27	0s40	9n 0	1s18	16n55	2n32	15n21	14n54	4s58	16n34	2s15

Julian Day Number = 3063112.5, Delta T = 02h32m34s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'54, Lahiri = 47°19'54

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

JULY 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 40 25	11♋ 2'48	5♉23	27♊ 8	28♋51	26♋16	28♋47	17♈27	19°R34	26♈44	20♌33	17°R44	19♌14	24♓25	24♉40	S 1
M 2	18 44 22	12° 0'19	18°21	29° 6	0♌ 5	26°56	29° 1	17°30	19♒32	26°45	20°34	17♌40	19°11	24°32	24°42	M 2
T 3	18 48 18	12°57'49	1♒ 2	1♋ 6	1°18	27°37	29°14	17°32	19°30	26°46	20°35	17°37	19° 8	24°39	24°45	T 3
W 4	18 52 15	13°55'19	13°28	3° 8	2°31	28°17	29°28	17°35	19°28	26°47	20°37	17°D36	19° 5	24°45	24°48	W 4
T 5	18 56 11	14°52'48	25°39	5°12	3°45	28°57	29°41	17°37	19°26	26°48	20°38	17°36	19° 1	24°52	24°51	T 5
F 6	19 0 8	15°50'16	7♓40	7°17	4°58	29°37	29°55	17°39	19°25	26°48	20°39	17°37	18°58	24°59	24°54	F 6
S 7	19 4 5	16°47'43	19°33	9°25	6°11	0♌17	0♌ 8	17°41	19°23	26°49	20°41	17°39	18°55	25° 5	24°56	S 7
S 8	19 8 1	17°45'10	1♈24	11°34	7°25	0°57	0°22	17°43	19°21	26°50	20°42	17°40	18°52	25°12	24°59	S 8
M 9	19 11 58	18°42'37	13°15	13°44	8°38	1°37	0°35	17°45	19°19	26°51	20°44	17°R41	18°49	25°19	25° 2	M 9
T 10	19 15 54	19°40'02	25°14	15°55	9°51	2°17	0°49	17°47	19°17	26°51	20°45	17°41	18°46	25°25	25° 4	T 10
W11	19 19 51	20°37'28	7♉24	18° 6	11° 4	2°57	1° 2	17°49	19°15	26°52	20°46	17°40	18°42	25°32	25° 7	W11
T 12	19 23 47	21°34'53	19°49	20°18	12°17	3°37	1°16	17°50	19°13	26°52	20°48	17°38	18°39	25°39	25° 9	T 12
F 13	19 27 44	22°32'18	2♊34	22°30	13°31	4°16	1°29	17°52	19°11	26°53	20°49	17°35	18°36	25°45	25°12	F 13
S 14	19 31 40	23°29'42	15°40	24°42	14°44	4°56	1°43	17°53	19° 9	26°53	20°51	17°31	18°33	25°52	25°14	S 14
S 15	19 35 37	24°27'06	29° 9	26°54	15°57	5°36	1°57	17°55	19° 7	26°54	20°52	17°28	18°30	25°59	25°16	S 15
M16	19 39 34	25°24'30	13♋ 0	29° 5	17°10	6°16	2°10	17°56	19° 4	26°54	20°54	17°25	18°26	26° 5	25°19	M16
T 17	19 43 30	26°21'53	27° 9	1♌15	18°23	6°55	2°24	17°57	19° 2	26°55	20°55	17°23	18°23	26°12	25°21	T 17
W18	19 47 27	27°19'16	11♌33	3°24	19°36	7°35	2°37	17°58	19° 0	26°55	20°57	17°D22	18°20	26°19	25°23	W18
T 19	19 51 23	28°16'38	26° 5	5°32	20°49	8°15	2°51	17°59	18°58	26°56	20°58	17°22	18°17	26°25	25°25	T 19
F 20	19 55 20	29°13'59	10♍41	7°38	22° 2	8°54	3° 5	18° 0	18°56	26°56	21° 0	17°23	18°14	26°32	25°27	F 20
S 21	19 59 16	0♌11'20	25°14	9°42	23°15	9°34	3°18	18° 1	18°53	26°56	21° 1	17°24	18°11	26°39	25°30	S 21
S 22	20 3 13	1° 8'40	9♎41	11°45	24°28	10°14	3°32	18° 2	18°51	26°56	21° 3	17°25	18° 7	26°45	25°32	S 22
M23	20 7 9	2° 5'59	23°56	13°46	25°41	10°53	3°46	18° 2	18°49	26°57	21° 5	17°26	18° 4	26°52	25°34	M23
T 24	20 11 6	3° 3'18	7♏59	15°45	26°54	11°33	3°59	18° 3	18°47	26°57	21° 6	17°R26	18° 1	26°59	25°35	T 24
W25	20 15 3	4° 0'36	21°48	17°42	28° 7	12°12	4°13	18° 3	18°44	26°57	21° 8	17°25	17°58	27° 5	25°37	W25
T 26	20 18 59	4°57'54	5♐22	19°37	29°19	12°52	4°27	18° 3	18°42	26°57	21° 9	17°24	17°55	27°12	25°39	T 26
F 27	20 22 56	5°55'11	18°41	21°30	0♍32	13°31	4°40	18° 3	18°40	26°57	21°11	17°23	17°52	27°19	25°41	F 27
S 28	20 26 52	6°52'28	1♑46	23°21	1°45	14°10	4°54	18°R 3	18°37	26°57	21°12	17°22	17°48	27°25	25°43	S 28
S 29	20 30 49	7°49'45	14°37	25° 9	2°58	14°50	5° 8	18° 3	18°35	26°R57	21°14	17°20	17°45	27°32	25°45	S 29
M30	20 34 45	8°47'01	27°14	26°56	4°11	15°29	5°21	18° 3	18°33	26°57	21°16	17°19	17°42	27°39	25°46	M30
T 31	20 38 42	9♌44'18	9♒39	28♌41	5♍23	16♌ 8	5♌35	18♈ 3	18♒30	26♈57	21♌17	17♌19	17♌39	27♓45	25♉48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	19s37	3n30	22n18	0s54	21n23	1n12	21n43	1n 2	20n18	0n 5	4n48	2s 9	15s28	0s40	9n 0	1s18	16n55	2n32	15n23	14n55	4s56	16n35	2s15
M 2	22 41	19 27	2 33	22 30	0 43	21 9	1 14	21 36	1 2	20 15	0 5	4 49	2 9	15 28	0 41	9 0	1 18	16 55	2 32	15 24	14 56	4 54	16 35	2 15
T 3	22 36	18 18	1 29	22 41	0 32	20 55	1 16	21 28	1 2	20 12	0 5	4 50	2 9	15 29	0 41	9 1	1 18	16 54	2 32	15 25	14 57	4 52	16 36	2 15
W 4	22 30	16 16	0 23	22 50	0 21	20 40	1 17	21 20	1 2	20 10	0 5	4 50	2 10	15 29	0 41	9 1	1 18	16 54	2 32	15 25	14 58	4 50	16 36	2 16
T 5	22 24	13 33	0s44	22 58	0 10	20 25	1 19	21 12	1 3	20 7	0 5	4 51	2 10	15 30	0 41	9 1	1 18	16 53	2 32	15 25	14 59	4 48	16 37	2 16
F 6	22 18	10 17	1 48	23 3	0n 1	20 9	1 20	21 4	1 3	20 4	0 5	4 52	2 10	15 31	0 41	9 1	1 18	16 53	2 32	15 25	15 0	4 46	16 37	2 16
S 7	22 11	6 39	2 46	23 5	0 12	19 53	1 22	20 56	1 3	20 2	0 5	4 52	2 10	15 31	0 41	9 2	1 18	16 53	2 32	15 24	15 1	4 44	16 38	2 16
S 8	22 3	2 47	3 37	23 6	0 22	19 36	1 23	20 48	1 3	19 59	0 6	4 53	2 11	15 32	0 41	9 2	1 18	16 52	2 32	15 24	15 2	4 42	16 38	2 16
M 9	21 56	1n12	4 19	23 4	0 33	19 18	1 25	20 39	1 3	19 56	0 6	4 53	2 11	15 32	0 41	9 2	1 19	16 52	2 32	15 24	15 3	4 40	16 38	2 16
T 10	21 48	5 10	4 50	22 59	0 42	19 0	1 26	20 30	1 4	19 53	0 6	4 54	2 11	15 33	0 41	9 2	1 19	16 51	2 32	15 24	15 4	4 38	16 39	2 17
W11	21 39	8 58	5 9	22 52	0 52	18 41	1 27	20 21	1 4	19 50	0 6	4 54	2 11	15 34	0 41	9 2	1 19	16 51	2 32	15 24	15 5	4 36	16 39	2 17
T 12	21 31	12 29	5 14	22 42	1 0	18 22	1 28	20 12	1 4	19 48	0 6	4 54	2 12	15 34	0 41	9 2	1 19	16 50	2 32	15 25	15 6	4 34	16 40	2 17
F 13	21 21	15 31	5 3	22 29	1 9	18 3	1 29	20 3	1 4	19 45	0 6	4 55	2 12	15 35	0 41	9 3	1 19	16 50	2 32	15 25	15 7	4 32	16 40	2 17
S 14	21 12	17 52	4 37	22 14	1 16	17 43	1 30	19 54	1 4	19 42	0 6	4 55	2 12	15 36	0 41	9 3	1 19	16 50	2 32	15 27	15 8	4 30	16 40	2 17
S 15	21 2	19 18	3 55	21 57	1 23	17 22	1 31	19 44	1 4	19 39	0 6	4 55	2 12	15 36	0 41	9 3	1 19	16 49	2 32	15 28	15 9	4 28	16 41	2 18
M16	20 52	19 38	2 58	21 37	1 29	17 1	1 32	19 35	1 5	19 36	0 6	4 56	2 13	15 37	0 41	9 3	1 19	16 49	2 33	15 28	15 10	4 26	16 41	2 18
T 17	20 41	18 45	1 49	21 14	1 35	16 39	1 33	19 25	1 5	19 33	0 6	4 56	2 13	15 38	0 41	9 3	1 19	16 48	2 33	15 29	15 11	4 24	16 42	2 18
W18	20 30	16 39	0 32	20 50	1 39	16 17	1 34	19 15	1 5	19 30	0 6	4 56	2 13	15 38	0 41	9 3	1 19	16 48	2 33	15 29	15 12	4 22	16 42	2 18
T 19	20 19	13 28	0n48	20 23	1 43	15 55	1 34	19 5	1 5	19 27	0 6	4 56	2 13	15 39	0 41	9 3	1 19	16 47	2 33	15 29	15 13	4 20	16 42	2 18
F 20	20 8	9 26	2 5	19 55	1 46	15 32	1 35	18 55	1 5	19 24	0 7	4 56	2 14	15 40	0 41	9 3	1 19	16 47	2 33	15 29	15 14	4 18	16 43	2 18
S 21	19 56	4 51	3 14	19 24	1 49	15 9	1 36	18 45	1 5	19 21	0 7	4 56	2 14	15 40	0 41	9 3	1 19	16 46	2 33	15 29	15 15	4 16	16 43	2 19
S 22	19 43	0 3	4 10	18 53	1 50	14 46	1 36	18 34	1 5	19 18	0 7	4 56	2 14	15 41	0 41	9 3	1 19	16 46	2 33	15 28	15 16	4 14	16 43	2 19
M23	19 31	4s42	4 50	18 19	1 51	14 22	1 37	18 24	1 6	19 15	0 7	4 56	2 15	15 42	0 41	9 3	1 19	16 45	2 33	15 28	15 17	4 12	16 43	2 19
T 24	19 18	9 7	5 12	17 45	1 51	13 57	1 37	18 13	1 6	19 12	0 7	4 56	2 15	15 43	0 41	9 3	1 19	16 45	2 33	15 28	15 18	4 10	16 44	2 19
W25	19 5	12 58	5 15	17 9	1 51	13 33	1 37	18 2	1 6	19 9	0 7	4 56	2 15	15 43	0 41	9 3	1 19	16 45	2 33	15 28	15 19	4 8	16 44	2 19
T 26	18 51	16 4	5 1	16 32	1 49	13 8	1 37	17 51	1 6	19 5	0 7	4 56	2 15	15 44	0 41	9 3	1 19	16 44	2 33	15 29	15 19	4 6	16 44	2 20
F 27	18 37	18 15	4 31	15 54	1 47	12 42	1 38	17 40	1 6	19 2	0 7	4 56	2 16	15 45	0 41	9 3	1 19	16 44	2 33	15 29	15 20	4 4	16 44	2 20
S 28	18 23	19 26	3 46	15 16	1 45	12 17	1 38	17 29	1 6	18 59	0 7	4 55	2 16	15 46	0 41	9 3	1 19	16 43	2 33	15 29	15 21	4 2	16 45	2 20
S 29	18 9	19 35	2 52	14 37	1 41	11 51	1 38	17 18	1 6	18 56	0 7	4 55	2 16	15 46	0 41	9 3	1 20	16 43	2 33	15 30	15 22	4 0	16 45	2 20
M30	17 54	18 44	1 49	13 57	1 38	11 24	1 37	17 6	1 6	18 53	0 7	4 55	2 16	15 47	0 41	9 3	1 20	16 42	2 33	15 30	15 23	3 58	16 45	2 20
T 31	17n39	16s59	0n42	13n17	1n33	10n58	1n37	16n55	1n 7	18n50	0n 8	4n55	2s17	15s48	0s41	9n 3	1s20	16n42	2n33	15n30	15n24	3s56	16n45	2s21

Julian Day Number = 3063142.5, Delta T = 02h32m34s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°12'58, Lahiri = 47°19'58

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

AUGUST 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 42 39	10♌41'34	21♒53	0♍23	6♍36	16♌48	5♌49	18°R 3	18°R28	26°R57	21♌19	17°D19	17♌36	27♓52	25♉49	W 1
T 2	20 46 35	11°38'50	3♓56	2° 3	7°49	17°27	6° 2	18♈ 2	18♒25	26♈57	21°21	17♌19	17°32	27°59	25°51	T 2
F 3	20 50 32	12°36'06	15°53	3°42	9° 1	18° 6	6°16	18° 2	18°23	26°57	21°22	17°20	17°29	28° 5	25°52	F 3
S 4	20 54 28	13°33'22	27°44	5°18	10°14	18°45	6°29	18° 1	18°21	26°57	21°24	17°20	17°26	28°12	25°54	S 4
S 5	20 58 25	14°30'39	9♈34	6°52	11°26	19°25	6°43	18° 0	18°18	26°56	21°25	17°20	17°23	28°19	25°55	S 5
M 6	21 2 21	15°27'56	21°26	8°24	12°39	20° 4	6°57	18° 0	18°16	26°56	21°27	17°21	17°20	28°25	25°56	M 6
T 7	21 6 18	16°25'13	3♉24	9°54	13°51	20°43	7°10	17°59	18°13	26°56	21°29	17°21	17°17	28°32	25°58	T 7
W 8	21 10 14	17°22'31	15°33	11°22	15° 4	21°22	7°24	17°58	18°11	26°56	21°30	17°21	17°13	28°39	25°59	W 8
T 9	21 14 11	18°19'49	27°57	12°47	16°16	22° 1	7°37	17°56	18° 8	26°55	21°32	17°21	17°10	28°45	26° 0	T 9
F 10	21 18 7	19°17'07	10♊39	14°11	17°29	22°40	7°51	17°55	18° 6	26°55	21°34	17°21	17° 7	28°52	26° 1	F 10
S 11	21 22 4	20°14'27	23°45	15°32	18°41	23°19	8° 4	17°54	18° 4	26°55	21°35	17°21	17° 4	28°59	26° 2	S 11
S 12	21 26 1	21°11'46	7♋15	16°51	19°53	23°58	8°18	17°53	18° 1	26°54	21°37	17°22	17° 1	29° 6	26° 3	S 12
M13	21 29 57	22° 9'07	21°11	18° 7	21° 6	24°37	8°31	17°51	17°59	26°54	21°39	17°22	16°58	29°12	26° 4	M13
T 14	21 33 54	23° 6'27	5♌30	19°22	22°18	25°16	8°45	17°49	17°56	26°53	21°40	17°22	16°54	29°19	26° 5	T 14
W15	21 37 50	24° 3'48	20°10	20°34	23°30	25°55	8°58	17°48	17°54	26°53	21°42	17°R22	16°51	29°26	26° 6	W15
T 16	21 41 47	25° 1'10	5♍ 3	21°43	24°42	26°34	9°11	17°46	17°52	26°52	21°43	17°22	16°48	29°32	26° 6	T 16
F 17	21 45 43	25°58'32	20° 2	22°50	25°55	27°13	9°25	17°44	17°49	26°52	21°45	17°21	16°45	29°39	26° 7	F 17
S 18	21 49 40	26°55'54	4♎59	23°54	27° 7	27°52	9°38	17°42	17°47	26°51	21°47	17°20	16°42	29°46	26° 8	S 18
S 19	21 53 36	27°53'16	19°46	24°55	28°19	28°31	9°51	17°40	17°44	26°50	21°48	17°19	16°38	29°52	26° 8	S 19
M20	21 57 33	28°50'39	4♏16	25°54	29°31	29° 9	10° 5	17°38	17°42	26°50	21°50	17°18	16°35	29°59	26° 9	M20
T 21	22 1 30	29°48'02	18°26	26°49	0♎43	29°48	10°18	17°36	17°40	26°49	21°52	17°18	16°32	0♈ 6	26° 9	T 21
W22	22 5 26	0♍45'25	2♐14	27°42	1°55	0♍27	10°31	17°33	17°37	26°48	21°53	17°D17	16°29	0°12	26°10	W22
T 23	22 9 23	1°42'49	15°41	28°31	3° 7	1° 6	10°44	17°31	17°35	26°47	21°55	17°18	16°26	0°19	26°10	T 23
F 24	22 13 19	2°40'13	28°47	29°17	4°19	1°45	10°57	17°28	17°33	26°47	21°57	17°19	16°23	0°26	26°10	F 24
S 25	22 17 16	3°37'37	11♑35	29°59	5°31	2°23	11°10	17°26	17°30	26°46	21°58	17°20	16°19	0°32	26°11	S 25
S 26	22 21 12	4°35'02	24° 8	0♎38	6°43	3° 2	11°23	17°23	17°28	26°45	22° 0	17°21	16°16	0°39	26°11	S 26
M27	22 25 9	5°32'28	6♒28	1°12	7°54	3°41	11°36	17°20	17°26	26°44	22° 1	17°22	16°13	0°46	26°11	M27
T 28	22 29 5	6°29'54	18°38	1°43	9° 6	4°19	11°49	17°18	17°24	26°43	22° 3	17°R22	16°10	0°52	26°11	T 28
W29	22 33 2	7°27'20	0♓40	2° 9	10°18	4°58	12° 2	17°15	17°21	26°42	22° 5	17°22	16° 7	0°59	26°R11	W29
T 30	22 36 59	8°24'48	12°36	2°31	11°29	5°37	12°15	17°12	17°19	26°41	22° 6	17°20	16° 3	1° 6	26°11	T 30
F 31	22 40 55	9♍22'16	24♓28	2♎49	12♎41	6♍15	12♌28	17♈ 9	17♒17	26♈40	22♌ 8	17♌18	16♌ 0	1♈12	26♉11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n24	14s29	0s25	12n37	1n28	10n31	1n37	16n43	1n 7	18n46	0n 8	4n54	2s17	15s49	0s41	9n 3	1s20	16n41	2n33	15n30	15n25	3s54	16n45	2s21
T 2	17 8	11 23	1 31	11 56	1 22	10 4	1 37	16 32	1 7	18 43	0 8	4 54	2 17	15 49	0 41	9 3	1 20	16 41	2 33	15 30	15 26	3 52	16 45	2 21
F 3	16 52	7 51	2 32	11 15	1 16	9 36	1 36	16 20	1 7	18 40	0 8	4 53	2 17	15 50	0 41	9 3	1 20	16 40	2 33	15 30	15 27	3 50	16 46	2 21
S 4	16 36	4 3	3 26	10 34	1 10	9 9	1 36	16 8	1 7	18 37	0 8	4 53	2 18	15 51	0 41	9 3	1 20	16 40	2 33	15 30	15 28	3 48	16 46	2 22
S 5	16 20	0 6	4 11	9 53	1 3	8 41	1 35	15 56	1 7	18 33	0 8	4 52	2 18	15 52	0 41	9 3	1 20	16 39	2 33	15 30	15 29	3 46	16 46	2 22
M 6	16 3	3n52	4 46	9 12	0 55	8 13	1 35	15 44	1 7	18 30	0 8	4 52	2 18	15 52	0 41	9 3	1 20	16 39	2 34	15 30	15 30	3 44	16 46	2 22
T 7	15 46	7 42	5 8	8 31	0 47	7 45	1 34	15 31	1 7	18 27	0 8	4 51	2 18	15 53	0 41	9 3	1 20	16 38	2 34	15 30	15 31	3 42	16 46	2 22
W 8	15 29	11 17	5 17	7 50	0 39	7 16	1 33	15 19	1 7	18 23	0 8	4 51	2 19	15 54	0 41	9 2	1 20	16 38	2 34	15 30	15 32	3 40	16 46	2 22
T 9	15 12	14 27	5 12	7 10	0 30	6 47	1 32	15 6	1 7	18 20	0 8	4 50	2 19	15 55	0 41	9 2	1 20	16 37	2 34	15 30	15 33	3 38	16 46	2 23
F 10	14 54	17 2	4 52	6 29	0 21	6 19	1 31	14 54	1 7	18 17	0 8	4 49	2 19	15 55	0 41	9 2	1 20	16 37	2 34	15 30	15 34	3 36	16 46	2 23
S 11	14 36	18 49	4 16	5 49	0 11	5 50	1 30	14 41	1 8	18 13	0 9	4 49	2 19	15 56	0 41	9 2	1 20	16 37	2 34	15 30	15 35	3 34	16 46	2 23
S 12	14 18	19 37	3 25	5 10	0 1	5 20	1 29	14 29	1 8	18 10	0 9	4 48	2 20	15 57	0 41	9 2	1 20	16 36	2 34	15 30	15 36	3 32	16 46	2 23
M13	14 0	19 16	2 20	4 31	0s 9	4 51	1 28	14 16	1 8	18 7	0 9	4 47	2 20	15 57	0 41	9 1	1 20	16 36	2 34	15 29	15 37	3 30	16 46	2 23
T 14	13 42	17 40	1 5	3 53	0 19	4 22	1 27	14 3	1 8	18 3	0 9	4 46	2 20	15 58	0 41	9 1	1 20	16 35	2 34	15 29	15 38	3 28	16 46	2 24
W15	13 23	14 53	0n15	3 15	0 30	3 52	1 26	13 50	1 8	18 0	0 9	4 45	2 20	15 59	0 41	9 1	1 20	16 35	2 34	15 29	15 39	3 26	16 46	2 24
T 16	13 4	11 4	1 37	2 37	0 41	3 23	1 24	13 37	1 8	17 56	0 9	4 44	2 21	16 0	0 41	9 1	1 20	16 34	2 34	15 29	15 40	3 24	16 46	2 24
F 17	12 45	6 33	2 51	2 1	0 52	2 53	1 23	13 24	1 8	17 53	0 9	4 43	2 21	16 0	0 41	9 1	1 20	16 34	2 34	15 30	15 41	3 22	16 46	2 24
S 18	12 25	1 38	3 54	1 25	1 4	2 23	1 21	13 10	1 8	17 50	0 9	4 42	2 21	16 1	0 41	9 0	1 21	16 33	2 34	15 30	15 41	3 20	16 46	2 25
S 19	12 6	3s19	4 41	0 51	1 16	1 53	1 20	12 57	1 8	17 46	0 9	4 41	2 21	16 2	0 41	9 0	1 21	16 33	2 34	15 30	15 42	3 18	16 46	2 25
M20	11 46	7 58	5 9	0 17	1 27	1 23	1 18	12 44	1 8	17 43	0 9	4 40	2 22	16 3	0 41	9 0	1 21	16 32	2 34	15 30	15 43	3 16	16 46	2 25
T 21	11 26	12 5	5 17	0s16	1 39	0 53	1 16	12 30	1 8	17 39	0 10	4 39	2 22	16 3	0 41	8 59	1 21	16 32	2 34	15 31	15 44	3 14	16 46	2 25
W22	11 6	15 25	5 6	0 48	1 51	0 23	1 14	12 17	1 8	17 36	0 10	4 38	2 22	16 4	0 41	8 59	1 21	16 31	2 35	15 31	15 45	3 11	16 46	2 25
T 23	10 46	17 50	4 39	1 18	2 3	0s 7	1 12	12 3	1 8	17 32	0 10	4 37	2 22	16 5	0 41	8 59	1 21	16 31	2 35	15 31	15 46	3 9	16 45	2 26
F 24	10 26	19 15	3 58	1 48	2 16	0 37	1 10	11 49	1 8	17 29	0 10	4 36	2 22	16 5	0 41	8 58	1 21	16 31	2 35	15 30	15 47	3 7	16 45	2 26
S 25	10 5	19 39	3 5	2 15	2 28	1 7	1 8	11 36	1 8	17 25	0 10	4 35	2 23	16 6	0 41	8 58	1 21	16 30	2 35	15 30	15 48	3 5	16 45	2 26
S 26	9 45	19 2	2 5	2 42	2 40	1 37	1 6	11 22	1 8	17 22	0 10	4 34	2 23	16 7	0 41	8 58	1 21	16 30	2 35	15 30	15 49	3 3	16 45	2 26
M27	9 24	17 31	1 0	3 6	2 52	2 8	1 4	11 8	1 8	17 19	0 10	4 32	2 23	16 7	0 41	8 57	1 21	16 29	2 35	15 29	15 50	3 1	16 45	2 27
T 28	9 3	15 13	0s 7	3 29	3 4	2 38	1 2	10 54	1 8	17 15	0 10	4 31	2 23	16 8	0 41	8 57	1 21	16 29	2 35	15 29	15 51	2 59	16 45	2 27
W29	8 42	12 16	1 13	3 51	3 16	3 8	0 59	10 40	1 8	17 12	0 10	4 30	2 24	16 9	0 41	8 57	1 21	16 28	2 35	15 29	15 52	2 57	16 44	2 27
T 30	8 20	8 51	2 15	4 10	3 27	3 38	0 57	10 26	1 8	17 8	0 10	4 29	2 24	16 9	0 41	8 56	1 21	16 28	2 35	15 30	15 53	2 55	16 44	2 27
F 31	7n59	5s 6	3s10	4s27	3s38	4s 8	0n55	10n12	1n 8	17n 5	0n11	4n27	2s24	16s10	0s41	8n56	1s21	16n27	2n35	15n31	15n54	2s53	16n44	2s27

Julian Day Number = 3063173.5, Delta T = 02h32m35s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'02, Lahiri = 47°20'02

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

SEPTEMBER 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 44 52	10♍19'45	6♈18	3♎ 1	13♎52	6♍54	12♌41	17°R 6	17°R15	26°R39	22♌ 9	17°R14	15♌57	1♈19	26°R11	S 1
S 2	22 48 48	11°17'15	18° 9	3° 9	15° 4	7°32	12°54	17♈ 2	17♒13	26♈38	22°11	17♌10	15°54	1°26	26♉11	S 2
M 3	22 52 45	12°14'46	0♉ 2	3°R11	16°15	8°11	13° 6	16°59	17°10	26°37	22°13	17° 6	15°51	1°33	26°10	M 3
T 4	22 56 41	13°12'19	12° 2	3° 8	17°27	8°49	13°19	16°56	17° 8	26°36	22°14	17° 3	15°48	1°39	26°10	T 4
W 5	23 0 38	14° 9'52	24°10	3° 0	18°38	9°28	13°32	16°52	17° 6	26°35	22°16	17° 0	15°44	1°46	26°10	W 5
T 6	23 4 34	15° 7'27	6♊32	2°46	19°49	10° 6	13°44	16°49	17° 4	26°34	22°17	16°59	15°41	1°53	26° 9	T 6
F 7	23 8 31	16° 5'03	19°11	2°27	21° 1	10°45	13°57	16°45	17° 2	26°33	22°19	16°D58	15°38	1°59	26° 9	F 7
S 8	23 12 28	17° 2'41	2♋11	2° 3	22°12	11°23	14° 9	16°42	17° 0	26°32	22°20	16°59	15°35	2° 6	26° 8	S 8
S 9	23 16 24	18° 0'20	15°35	1°33	23°23	12° 2	14°22	16°38	16°58	26°31	22°22	17° 0	15°32	2°13	26° 8	S 9
M10	23 20 21	18°58'00	29°25	0°58	24°34	12°40	14°34	16°34	16°56	26°29	22°23	17° 2	15°29	2°19	26° 7	M10
T 11	23 24 17	19°55'42	13♌43	0°19	25°45	13°19	14°46	16°30	16°54	26°28	22°25	17°R 3	15°25	2°26	26° 6	T 11
W12	23 28 14	20°53'25	28°25	29♍36	26°56	13°57	14°58	16°27	16°53	26°27	22°26	17° 2	15°22	2°33	26° 6	W12
T 13	23 32 10	21°51'09	13♍26	28°49	28° 7	14°35	15°11	16°23	16°51	26°26	22°28	17° 0	15°19	2°39	26° 5	T 13
F 14	23 36 7	22°48'55	28°39	28° 0	29°18	15°14	15°23	16°19	16°49	26°24	22°29	16°57	15°16	2°46	26° 4	F 14
S 15	23 40 3	23°46'41	13♎52	27° 8	0♏29	15°52	15°35	16°15	16°47	26°23	22°31	16°52	15°13	2°53	26° 3	S 15
S 16	23 44 0	24°44'29	28°57	26°15	1°40	16°31	15°47	16°11	16°45	26°22	22°32	16°46	15° 9	2°59	26° 2	S 16
M17	23 47 56	25°42'18	13♏43	25°23	2°51	17° 9	15°59	16° 6	16°44	26°20	22°34	16°41	15° 6	3° 6	26° 1	M17
T 18	23 51 53	26°40'08	28° 5	24°32	4° 1	17°47	16°10	16° 2	16°42	26°19	22°35	16°37	15° 3	3°13	26° 0	T 18
W19	23 55 50	27°37'59	12♐ 0	23°42	5°12	18°26	16°22	15°58	16°40	26°17	22°36	16°34	15° 0	3°19	25°59	W19
T 20	23 59 46	28°35'51	25°28	22°56	6°23	19° 4	16°34	15°54	16°39	26°16	22°38	16°D33	14°57	3°26	25°58	T 20
F 21	0 3 43	29°33'45	8♑30	22°14	7°33	19°42	16°45	15°50	16°37	26°15	22°39	16°33	14°54	3°33	25°56	F 21
S 22	0 7 39	0♎31'39	21°11	21°38	8°44	20°20	16°57	15°45	16°36	26°13	22°40	16°34	14°50	3°40	25°55	S 22
S 23	0 11 36	1°29'35	3♒33	21° 7	9°54	20°59	17° 9	15°41	16°34	26°12	22°42	16°36	14°47	3°46	25°54	S 23
M24	0 15 32	2°27'31	15°43	20°43	11° 4	21°37	17°20	15°37	16°33	26°10	22°43	16°R37	14°44	3°53	25°52	M24
T 25	0 19 29	3°25'29	27°43	20°27	12°15	22°15	17°31	15°32	16°31	26° 9	22°44	16°36	14°41	4° 0	25°51	T 25
W26	0 23 25	4°23'29	9♓37	20°18	13°25	22°53	17°42	15°28	16°30	26° 7	22°46	16°33	14°38	4° 6	25°49	W26
T 27	0 27 22	5°21'29	21°28	20°D18	14°35	23°31	17°54	15°23	16°29	26° 6	22°47	16°28	14°35	4°13	25°48	T 27
F 28	0 31 19	6°19'31	3♈18	20°26	15°45	24°10	18° 5	15°19	16°27	26° 4	22°48	16°21	14°31	4°20	25°46	F 28
S 29	0 35 15	7°17'35	15° 9	20°42	16°55	24°48	18°16	15°14	16°26	26° 3	22°50	16°12	14°28	4°26	25°45	S 29
S 30	0 39 12	8♎15'40	27♈ 3	21♍ 8	18♏ 5	25♍26	18♌27	15♈10	16♒25	26♈ 1	22♌51	16♌ 3	14♌25	4♈33	25♉43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n38	1s10	3s58	4s42	3s49	4s38	0n52	9n58	1n 8	17n 1	0n11	4n26	2s24	16s11	0s41	8n56	1s21	16n27	2n35	15n32	15n55	2s51	16n44	2s28
S 2	7 16	2n49	4 35	4 54	3 59	5 7	0 49	9 43	1 8	16 58	0 11	4 24	2 24	16 11	0 41	8 55	1 21	16 27	2 35	15 33	15 56	2 49	16 43	2 28
M 3	6 54	6 42	5 0	5 4	4 9	5 37	0 47	9 29	1 8	16 54	0 11	4 23	2 25	16 12	0 41	8 55	1 21	16 26	2 36	15 34	15 57	2 47	16 43	2 28
T 4	6 33	10 20	5 12	5 11	4 18	6 7	0 44	9 15	1 8	16 51	0 11	4 22	2 25	16 13	0 41	8 54	1 21	16 26	2 36	15 35	15 57	2 45	16 43	2 28
W 5	6 11	13 37	5 11	5 15	4 26	6 36	0 41	9 0	1 8	16 47	0 11	4 20	2 25	16 13	0 41	8 54	1 21	16 25	2 36	15 36	15 58	2 43	16 42	2 29
T 6	5 49	16 21	4 56	5 16	4 33	7 5	0 38	8 46	1 8	16 44	0 11	4 19	2 25	16 14	0 41	8 53	1 21	16 25	2 36	15 36	15 59	2 41	16 42	2 29
F 7	5 26	18 22	4 26	5 14	4 39	7 35	0 36	8 32	1 8	16 40	0 11	4 17	2 25	16 14	0 41	8 53	1 21	16 24	2 36	15 36	16 0	2 39	16 42	2 29
S 8	5 4	19 31	3 41	5 9	4 44	8 4	0 33	8 17	1 8	16 37	0 11	4 16	2 25	16 15	0 41	8 53	1 21	16 24	2 36	15 36	16 1	2 36	16 42	2 29
S 9	4 42	19 37	2 44	5 1	4 48	8 33	0 30	8 3	1 8	16 33	0 11	4 14	2 26	16 16	0 41	8 52	1 21	16 24	2 36	15 36	16 2	2 34	16 41	2 29
M10	4 20	18 32	1 35	4 49	4 50	9 2	0 26	7 48	1 8	16 30	0 12	4 13	2 26	16 16	0 41	8 52	1 21	16 23	2 36	15 35	16 3	2 32	16 41	2 30
T 11	3 57	16 16	0 18	4 34	4 50	9 30	0 23	7 33	1 8	16 27	0 12	4 11	2 26	16 17	0 41	8 51	1 21	16 23	2 36	15 35	16 4	2 30	16 40	2 30
W12	3 35	12 53	1n 2	4 16	4 49	9 59	0 20	7 19	1 8	16 23	0 12	4 9	2 26	16 17	0 41	8 51	1 22	16 22	2 36	15 35	16 5	2 28	16 40	2 30
T 13	3 12	8 36	2 19	3 55	4 46	10 27	0 17	7 4	1 8	16 20	0 12	4 8	2 26	16 18	0 41	8 50	1 22	16 22	2 36	15 36	16 6	2 26	16 40	2 30
F 14	2 50	3 43	3 27	3 31	4 41	10 55	0 14	6 49	1 8	16 16	0 12	4 6	2 26	16 18	0 41	8 50	1 22	16 22	2 37	15 37	16 7	2 24	16 39	2 31
S 15	2 27	1s24	4 21	3 4	4 34	11 23	0 10	6 34	1 8	16 13	0 12	4 4	2 27	16 19	0 41	8 49	1 22	16 21	2 37	15 38	16 8	2 22	16 39	2 31
S 16	2 4	6 23	4 56	2 36	4 26	11 50	0 7	6 20	1 8	16 9	0 12	4 3	2 27	16 19	0 41	8 49	1 22	16 21	2 37	15 40	16 9	2 20	16 38	2 31
M17	1 42	10 52	5 10	2 6	4 15	12 18	0 4	6 5	1 8	16 6	0 12	4 1	2 27	16 20	0 41	8 48	1 22	16 21	2 37	15 42	16 10	2 18	16 38	2 31
T 18	1 19	14 36	5 4	1 34	4 3	12 45	0 0	5 50	1 8	16 3	0 12	3 59	2 27	16 20	0 41	8 48	1 22	16 20	2 37	15 43	16 10	2 16	16 37	2 31
W19	0 56	17 23	4 41	1 2	3 49	13 11	0s 3	5 35	1 8	15 59	0 13	3 58	2 27	16 21	0 41	8 47	1 22	16 20	2 37	15 44	16 11	2 14	16 37	2 32
T 20	0 33	19 7	4 2	0 30	3 34	13 38	0 7	5 20	1 8	15 56	0 13	3 56	2 27	16 21	0 41	8 47	1 22	16 19	2 37	15 44	16 12	2 12	16 37	2 32
F 21	0 10	19 46	3 12	0n 1	3 18	14 4	0 10	5 5	1 8	15 53	0 13	3 54	2 27	16 22	0 41	8 46	1 22	16 19	2 37	15 44	16 13	2 9	16 36	2 32
S 22	0s12	19 22	2 13	0 32	3 0	14 30	0 14	4 50	1 8	15 49	0 13	3 52	2 27	16 22	0 41	8 46	1 22	16 19	2 37	15 44	16 14	2 7	16 36	2 32
S 23	0 35	18 3	1 10	1 0	2 42	14 56	0 18	4 35	1 8	15 46	0 13	3 51	2 28	16 23	0 41	8 45	1 22	16 18	2 37	15 43	16 15	2 5	16 35	2 32
M24	0 58	15 54	0 5	1 27	2 23	15 21	0 21	4 20	1 8	15 43	0 13	3 49	2 28	16 23	0 41	8 44	1 22	16 18	2 38	15 43	16 16	2 3	16 35	2 33
T 25	1 21	13 6	1s 0	1 51	2 4	15 46	0 25	4 5	1 8	15 39	0 13	3 47	2 28	16 23	0 41	8 44	1 22	16 18	2 38	15 43	16 17	2 1	16 34	2 33
W26	1 44	9 46	2 1	2 12	1 45	16 11	0 29	3 50	1 8	15 36	0 13	3 45	2 28	16 24	0 41	8 43	1 22	16 17	2 38	15 44	16 18	1 59	16 33	2 33
T 27	2 7	6 4	2 57	2 30	1 26	16 35	0 32	3 35	1 8	15 33	0 14	3 44	2 28	16 24	0 41	8 43	1 22	16 17	2 38	15 45	16 19	1 57	16 33	2 33
F 28	2 29	2 8	3 44	2 44	1 7	16 59	0 36	3 20	1 8	15 29	0 14	3 42	2 28	16 25	0 41	8 42	1 22	16 17	2 38	15 48	16 20	1 55	16 32	2 34
S 29	2 52	1n52	4 22	2 54	0 48	17 23	0 40	3 5	1 7	15 26	0 14	3 40	2 28	16 25	0 41	8 42	1 22	16 17	2 38	15 50	16 21	1 53	16 32	2 34
S 30	3s15	5n50	4s49	3n 1	0s31	17s46	0s44	2n50	1n 7	15n23	0n14	3n38	2s28	16s25	0s41	8n41	1s22	16n16	2n38	15n53	16n21	1s51	16n31	2s34

Julian Day Number = 3063204.5, Delta T = 02h32m36s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'06, Lahiri = 47°20'07

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

OCTOBER 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 43 8	9♎13'47	9♉ 2	21♍41	19♏15	26♍ 4	18♌37	15°R 5	16°R24	26°R 0	22♌52	15°R53	14♌22	4♈40	25°R41	M 1
T 2	0 47 5	10°11'56	21° 7	22°23	20°24	26°42	18°48	15♈ 1	16♒22	25♈58	22°53	15♌43	14°19	4°46	25♉39	T 2
W 3	0 51 1	11°10'06	3♊20	23°13	21°34	27°20	18°59	14°56	16°21	25°56	22°54	15°36	14°15	4°53	25°38	W 3
T 4	0 54 58	12° 8'18	15°44	24°10	22°44	27°58	19° 9	14°51	16°20	25°55	22°56	15°30	14°12	5° 0	25°36	T 4
F 5	0 58 54	13° 6'33	28°22	25°15	23°53	28°37	19°20	14°47	16°19	25°53	22°57	15°27	14° 9	5° 7	25°34	F 5
S 6	1 2 51	14° 4'49	11♋18	26°26	25° 3	29°15	19°30	14°42	16°18	25°52	22°58	15°D26	14° 6	5°13	25°32	S 6
S 7	1 6 48	15° 3'07	24°35	27°44	26°12	29°53	19°40	14°38	16°18	25°50	22°59	15°26	14° 3	5°20	25°30	S 7
M 8	1 10 44	16° 1'27	8♌15	29° 7	27°21	0♎31	19°51	14°33	16°17	25°48	23° 0	15°R27	14° 0	5°27	25°28	M 8
T 9	1 14 41	16°59'50	22°22	0♎35	28°30	1° 9	20° 1	14°28	16°16	25°47	23° 1	15°27	13°56	5°33	25°26	T 9
W10	1 18 37	17°58'14	6♍54	2° 7	29°39	1°47	20°11	14°24	16°15	25°45	23° 2	15°25	13°53	5°40	25°24	W10
T 11	1 22 34	18°56'40	21°48	3°44	0♐49	2°25	20°21	14°19	16°14	25°43	23° 3	15°21	13°50	5°47	25°21	T 11
F 12	1 26 30	19°55'08	6♎57	5°23	1°57	3° 3	20°30	14°15	16°14	25°42	23° 4	15°14	13°47	5°53	25°19	F 12
S 13	1 30 27	20°53'37	22°13	7° 6	3° 6	3°41	20°40	14°10	16°13	25°40	23° 5	15° 5	13°44	6° 0	25°17	S 13
S 14	1 34 23	21°52'09	7♏24	8°51	4°15	4°19	20°49	14° 6	16°13	25°38	23° 6	14°56	13°40	6° 7	25°15	S 14
M15	1 38 20	22°50'42	22°19	10°37	5°24	4°57	20°59	14° 1	16°12	25°37	23° 7	14°46	13°37	6°13	25°12	M15
T 16	1 42 16	23°49'17	6♐51	12°25	6°32	5°35	21° 8	13°57	16°12	25°35	23° 8	14°37	13°34	6°20	25°10	T 16
W17	1 46 13	24°47'54	20°55	14°14	7°41	6°13	21°17	13°52	16°11	25°33	23° 9	14°31	13°31	6°27	25° 8	W17
T 18	1 50 10	25°46'32	4♑28	16° 4	8°49	6°51	21°26	13°48	16°11	25°32	23°10	14°27	13°28	6°34	25° 5	T 18
F 19	1 54 6	26°45'12	17°33	17°54	9°57	7°29	21°35	13°43	16°11	25°30	23°11	14°25	13°25	6°40	25° 3	F 19
S 20	1 58 3	27°43'54	0♒14	19°45	11° 6	8° 7	21°44	13°39	16°10	25°28	23°12	14°D24	13°21	6°47	25° 0	S 20
S 21	2 1 59	28°42'37	12°34	21°35	12°14	8°45	21°53	13°35	16°10	25°27	23°12	14°R25	13°18	6°54	24°58	S 21
M22	2 5 56	29°41'21	24°40	23°26	13°21	9°23	22° 2	13°30	16°10	25°25	23°13	14°24	13°15	7° 0	24°55	M22
T 23	2 9 52	0♏40'07	6♓35	25°15	14°29	10° 1	22°10	13°26	16°10	25°23	23°14	14°22	13°12	7° 7	24°53	T 23
W24	2 13 49	1°38'55	18°26	27° 5	15°37	10°39	22°18	13°22	16°10	25°22	23°15	14°18	13° 9	7°14	24°50	W24
T 25	2 17 45	2°37'45	0♈15	28°54	16°44	11°17	22°27	13°17	16°D10	25°20	23°16	14°11	13° 6	7°20	24°47	T 25
F 26	2 21 42	3°36'36	12° 6	0♏42	17°52	11°54	22°35	13°13	16°10	25°19	23°16	14° 0	13° 2	7°27	24°45	F 26
S 27	2 25 39	4°35'29	24° 1	2°30	18°59	12°32	22°43	13° 9	16°10	25°17	23°17	13°48	12°59	7°34	24°42	S 27
S 28	2 29 35	5°34'24	6♉ 2	4°17	20° 6	13°10	22°51	13° 5	16°10	25°15	23°18	13°34	12°56	7°40	24°39	S 28
M29	2 33 32	6°33'21	18°10	6° 3	21°13	13°48	22°58	13° 1	16°10	25°14	23°18	13°20	12°53	7°47	24°37	M29
T 30	2 37 28	7°32'20	0♊25	7°48	22°20	14°26	23° 6	12°57	16°10	25°12	23°19	13° 7	12°50	7°54	24°34	T 30
W31	2 41 25	8♏31'21	12♊49	9♏33	23♐27	15♎ 4	23♌13	12♈53	16♒11	25♈10	23♌19	12♌56	12♌46	8♈ 1	24♉31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s38	9n35	5s 3	3n 3	0s14	18s 8	0s48	2n35	1n 7	15n20	0n14	3n36	2s28	16s26	0s41	8n40	1s22	16n16	2n38	15n56	16n22	1s48	16n31	2s34
T 2	4 0	12 58	5 4	3 2	0n 2	18 31	0 51	2 20	1 7	15 17	0 14	3 35	2 28	16 26	0 41	8 40	1 22	16 16	2 38	15 59	16 23	1 46	16 30	2 34
W 3	4 23	15 52	4 51	2 56	0 17	18 53	0 55	2 5	1 7	15 13	0 14	3 33	2 28	16 26	0 41	8 39	1 22	16 15	2 39	16 1	16 24	1 44	16 29	2 34
T 4	4 45	18 5	4 24	2 46	0 31	19 14	0 59	1 50	1 7	15 10	0 14	3 31	2 28	16 26	0 41	8 39	1 22	16 15	2 39	16 3	16 25	1 42	16 29	2 35
F 5	5 8	19 28	3 44	2 33	0 44	19 35	1 3	1 34	1 7	15 7	0 14	3 29	2 28	16 27	0 41	8 38	1 22	16 15	2 39	16 3	16 26	1 40	16 28	2 35
S 6	5 30	19 53	2 52	2 16	0 56	19 56	1 7	1 19	1 7	15 4	0 15	3 28	2 28	16 27	0 40	8 38	1 22	16 15	2 39	16 4	16 27	1 38	16 27	2 35
S 7	5 53	19 13	1 49	1 55	1 7	20 16	1 11	1 4	1 7	15 1	0 15	3 26	2 28	16 27	0 40	8 37	1 22	16 14	2 39	16 4	16 28	1 36	16 27	2 35
M 8	6 15	17 25	0 38	1 31	1 16	20 36	1 14	0 49	1 7	14 58	0 15	3 24	2 28	16 27	0 40	8 36	1 22	16 14	2 39	16 4	16 29	1 34	16 26	2 35
T 9	6 37	14 31	0n37	1 4	1 24	20 55	1 18	0 34	1 7	14 55	0 15	3 22	2 28	16 28	0 40	8 36	1 22	16 14	2 39	16 4	16 30	1 32	16 25	2 36
W10	6 59	10 38	1 52	0 34	1 31	21 14	1 22	0 19	1 6	14 52	0 15	3 20	2 29	16 28	0 40	8 35	1 22	16 14	2 39	16 4	16 31	1 29	16 25	2 36
T 11	7 21	6 0	3 1	0 1	1 37	21 32	1 26	0 4	1 6	14 49	0 15	3 19	2 29	16 28	0 40	8 35	1 22	16 13	2 40	16 5	16 31	1 27	16 24	2 36
F 12	7 43	0 55	3 58	0s34	1 42	21 50	1 30	0s11	1 6	14 46	0 15	3 17	2 29	16 28	0 40	8 34	1 22	16 13	2 40	16 7	16 32	1 25	16 23	2 36
S 13	8 5	4s15	4 39	1 10	1 46	22 7	1 34	0 26	1 6	14 43	0 16	3 15	2 29	16 28	0 40	8 33	1 22	16 13	2 40	16 10	16 33	1 23	16 23	2 36
S 14	8 27	9 7	5 0	1 49	1 48	22 24	1 37	0 41	1 6	14 40	0 16	3 13	2 29	16 29	0 40	8 33	1 22	16 13	2 40	16 13	16 34	1 21	16 22	2 37
M15	8 48	13 20	5 0	2 29	1 50	22 40	1 41	0 56	1 6	14 37	0 16	3 12	2 29	16 29	0 40	8 32	1 22	16 13	2 40	16 16	16 35	1 19	16 21	2 37
T 16	9 10	16 39	4 41	3 10	1 51	22 56	1 45	1 11	1 6	14 35	0 16	3 10	2 29	16 29	0 40	8 32	1 22	16 12	2 40	16 18	16 36	1 17	16 21	2 37
W17	9 31	18 51	4 4	3 51	1 51	23 11	1 49	1 26	1 6	14 32	0 16	3 8	2 28	16 29	0 40	8 31	1 22	16 12	2 40	16 20	16 37	1 15	16 20	2 37
T 18	9 52	19 54	3 15	4 34	1 50	23 25	1 53	1 41	1 6	14 29	0 16	3 7	2 28	16 29	0 40	8 30	1 22	16 12	2 40	16 21	16 38	1 12	16 19	2 37
F 19	10 13	19 48	2 18	5 17	1 49	23 39	1 56	1 56	1 5	14 26	0 16	3 5	2 28	16 29	0 40	8 30	1 22	16 12	2 41	16 22	16 39	1 10	16 18	2 37
S 20	10 34	18 42	1 15	6 0	1 47	23 53	2 0	2 11	1 5	14 24	0 16	3 3	2 28	16 29	0 40	8 29	1 22	16 12	2 41	16 22	16 40	1 8	16 18	2 38
S 21	10 55	16 43	0 10	6 44	1 44	24 6	2 4	2 26	1 5	14 21	0 17	3 2	2 28	16 29	0 40	8 29	1 22	16 12	2 41	16 22	16 40	1 6	16 17	2 38
M22	11 16	14 2	0s54	7 27	1 41	24 18	2 7	2 41	1 5	14 18	0 17	3 0	2 28	16 29	0 40	8 28	1 22	16 11	2 41	16 22	16 41	1 4	16 16	2 38
T 23	11 36	10 47	1 55	8 11	1 37	24 30	2 11	2 56	1 5	14 16	0 17	2 58	2 28	16 29	0 40	8 27	1 22	16 11	2 41	16 22	16 42	1 2	16 15	2 38
W24	11 56	7 9	2 50	8 54	1 33	24 41	2 14	3 11	1 5	14 13	0 17	2 57	2 28	16 29	0 40	8 27	1 22	16 11	2 41	16 24	16 43	1 0	16 15	2 38
T 25	12 17	3 14	3 37	9 36	1 28	24 51	2 18	3 26	1 5	14 11	0 17	2 55	2 28	16 29	0 40	8 26	1 22	16 11	2 41	16 26	16 44	0 58	16 14	2 38
F 26	12 36	0n49	4 15	10 19	1 23	25 1	2 21	3 41	1 4	14 8	0 17	2 54	2 28	16 29	0 40	8 26	1 22	16 11	2 41	16 29	16 45	0 55	16 13	2 38
S 27	12 56	4 51	4 42	11 0	1 18	25 10	2 24	3 55	1 4	14 6	0 17	2 52	2 28	16 29	0 40	8 25	1 22	16 11	2 42	16 32	16 46	0 53	16 12	2 39
S 28	13 16	8 44	4 57	11 42	1 12	25 19	2 28	4 10	1 4	14 3	0 18	2 51	2 28	16 29	0 40	8 24	1 22	16 11	2 42	16 36	16 47	0 51	16 12	2 39
M29	13 35	12 18	4 59	12 22	1 7	25 27	2 31	4 25	1 4	14 1	0 18	2 49	2 28	16 29	0 40	8 24	1 22	16 11	2 42	16 40	16 48	0 49	16 11	2 39
T 30	13 54	15 23	4 47	13 2	1 1	25 34	2 34	4 39	1 4	13 59	0 18	2 48	2 28	16 29	0 40	8 23	1 22	16 11	2 42	16 44	16 49	0 47	16 10	2 39
W31	14s13	17n49	4s21	13s41	0n54	25s41	2s37	4s54	1n 4	13n56	0n18	2n46	2s28	16s29	0s40	8n23	1s22	16n10	2n42	16n47	16n49	0s45	16n 9	2s39

Julian Day Number = 3063234.5, Delta T = 02h32m37s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'10, Lahiri = 47°20'11

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3674
geocentric

NOVEMBER 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 45 21	9♏30'24	25♊23	11♏16	24♐33	15♎42	23♌20	12°R49	16♒11	25°R 9	23♌20	12°R47	12♌43	8♈ 7	24°R28	T 1
F 2	2 49 18	10°29'30	8♋ 9	12°59	25°40	16°20	23°28	12♈46	16°11	25♈ 7	23°21	12♌42	12°40	8°14	24♉26	F 2
S 3	2 53 14	11°28'37	21° 8	14°42	26°46	16°57	23°35	12°42	16°12	25° 6	23°21	12°39	12°37	8°21	24°23	S 3
S 4	2 57 11	12°27'47	4♌24	16°23	27°52	17°35	23°41	12°38	16°12	25° 4	23°22	12°38	12°34	8°27	24°20	S 4
M 5	3 1 8	13°26'59	17°58	18° 4	28°58	18°13	23°48	12°35	16°13	25° 3	23°22	12°38	12°31	8°34	24°17	M 5
T 6	3 5 4	14°26'13	1♍53	19°44	0♑ 3	18°51	23°55	12°31	16°14	25° 1	23°23	12°38	12°27	8°41	24°14	T 6
W 7	3 9 1	15°25'29	16°10	21°23	1° 9	19°29	24° 1	12°28	16°14	24°59	23°23	12°35	12°24	8°47	24°11	W 7
T 8	3 12 57	16°24'48	0♎46	23° 1	2°14	20° 6	24° 7	12°24	16°15	24°58	23°23	12°31	12°21	8°54	24° 8	T 8
F 9	3 16 54	17°24'09	15°38	24°39	3°19	20°44	24°13	12°21	16°16	24°56	23°24	12°23	12°18	9° 1	24° 6	F 9
S 10	3 20 50	18°23'32	0♏39	26°16	4°24	21°22	24°19	12°17	16°16	24°55	23°24	12°13	12°15	9° 8	24° 3	S 10
S 11	3 24 47	19°22'57	15°39	27°52	5°29	22° 0	24°25	12°14	16°17	24°53	23°24	12° 2	12°12	9°14	24° 0	S 11
M12	3 28 43	20°22'24	0♐29	29°28	6°34	22°38	24°31	12°11	16°18	24°52	23°25	11°50	12° 8	9°21	23°57	M12
T 13	3 32 40	21°21'53	15° 0	1♐ 3	7°38	23°15	24°36	12° 8	16°19	24°50	23°25	11°40	12° 5	9°28	23°54	T 13
W14	3 36 37	22°21'23	29° 5	2°38	8°42	23°53	24°41	12° 5	16°20	24°49	23°25	11°32	12° 2	9°34	23°51	W14
T 15	3 40 33	23°20'56	12♑43	4°12	9°46	24°31	24°46	12° 2	16°21	24°48	23°25	11°26	11°59	9°41	23°48	T 15
F 16	3 44 30	24°20'30	25°52	5°45	10°50	25° 9	24°51	12° 0	16°22	24°46	23°26	11°23	11°56	9°48	23°45	F 16
S 17	3 48 26	25°20'06	8♒36	7°18	11°53	25°46	24°56	11°57	16°24	24°45	23°26	11°D23	11°52	9°54	23°42	S 17
S 18	3 52 23	26°19'43	20°59	8°50	12°56	26°24	25° 1	11°54	16°25	24°43	23°26	11°R23	11°49	10° 1	23°39	S 18
M19	3 56 19	27°19'23	3♓ 6	10°21	13°59	27° 2	25° 5	11°52	16°26	24°42	23°26	11°23	11°46	10° 8	23°36	M19
T 20	4 0 16	28°19'03	15° 2	11°52	15° 1	27°40	25° 9	11°49	16°27	24°41	23°26	11°21	11°43	10°15	23°33	T 20
W21	4 4 12	29°18'46	26°53	13°23	16° 4	28°17	25°14	11°47	16°29	24°40	23°26	11°18	11°40	10°21	23°30	W21
T 22	4 8 9	0♗18'29	8♈43	14°53	17° 6	28°55	25°17	11°45	16°30	24°38	23°26	11°12	11°37	10°28	23°28	T 22
F 23	4 12 5	1°18'15	20°36	16°22	18° 7	29°33	25°21	11°42	16°31	24°37	23°R26	11° 3	11°33	10°35	23°25	F 23
S 24	4 16 2	2°18'02	2♉36	17°51	19° 8	0♏10	25°25	11°40	16°33	24°36	23°26	10°52	11°30	10°41	23°22	S 24
S 25	4 19 59	3°17'51	14°45	19°19	20° 9	0°48	25°28	11°38	16°35	24°35	23°26	10°40	11°27	10°48	23°19	S 25
M26	4 23 55	4°17'42	27° 4	20°47	21°10	1°26	25°31	11°36	16°36	24°33	23°26	10°27	11°24	10°55	23°16	M26
T 27	4 27 52	5°17'35	9♊34	22°14	22°10	2° 3	25°34	11°35	16°38	24°32	23°26	10°15	11°21	11° 1	23°13	T 27
W28	4 31 48	6°17'30	22°15	23°41	23°10	2°41	25°37	11°33	16°39	24°31	23°26	10° 5	11°17	11° 8	23°10	W28
T 29	4 35 45	7°17'26	5♋ 7	25° 6	24°10	3°19	25°40	11°31	16°41	24°30	23°26	9°58	11°14	11°15	23° 7	T 29
F 30	4 39 41	8♗17'25	18♋10	26♐32	25♑ 9	3♏56	25♌42	11♈30	16♒43	24♈29	23♌26	9♌53	11♌11	11♈22	23♉ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14 s32	19n27	3 s42	14 s19	0n48	25 s47	2 s40	5 s 9	1n 4	13n54	0n18	2n45	2 s28	16 s29	0 s40	8n22	1 s22	16n10	2n42	16n49	16n50	0 s43	16n 8	2 s39
F 2	14 50	20 7	2 51	14 56	0 42	25 52	2 43	5 23	1 3	13 52	0 18	2 44	2 28	16 28	0 40	8 22	1 22	16 10	2 42	16 51	16 51	0 40	16 8	2 39
S 3	15 8	19 45	1 51	15 33	0 35	25 57	2 46	5 38	1 3	13 50	0 19	2 42	2 27	16 28	0 40	8 21	1 22	16 10	2 43	16 51	16 52	0 38	16 7	2 39
S 4	15 26	18 17	0 43	16 8	0 28	26 1	2 49	5 52	1 3	13 48	0 19	2 41	2 27	16 28	0 40	8 20	1 22	16 10	2 43	16 52	16 53	0 36	16 6	2 40
M 5	15 44	15 45	0n28	16 43	0 21	26 5	2 52	6 7	1 3	13 46	0 19	2 40	2 27	16 28	0 40	8 20	1 22	16 10	2 43	16 52	16 54	0 34	16 5	2 40
T 6	16 2	12 16	1 40	17 17	0 14	26 8	2 55	6 21	1 3	13 44	0 19	2 38	2 27	16 28	0 40	8 19	1 22	16 10	2 43	16 52	16 55	0 32	16 4	2 40
W 7	16 19	7 59	2 47	17 49	0 8	26 10	2 57	6 35	1 3	13 42	0 19	2 37	2 27	16 27	0 40	8 19	1 22	16 10	2 43	16 53	16 56	0 30	16 4	2 40
T 8	16 36	3 9	3 45	18 21	0 1	26 12	3 0	6 50	1 2	13 40	0 19	2 36	2 27	16 27	0 40	8 18	1 22	16 10	2 43	16 54	16 57	0 28	16 3	2 40
F 9	16 52	1 s58	4 29	18 52	0 s 6	26 13	3 2	7 4	1 2	13 38	0 19	2 35	2 27	16 27	0 40	8 18	1 22	16 10	2 43	16 56	16 57	0 25	16 2	2 40
S 10	17 9	6 59	4 54	19 21	0 13	26 13	3 5	7 18	1 2	13 36	0 20	2 34	2 27	16 27	0 40	8 17	1 22	16 10	2 43	16 59	16 58	0 23	16 1	2 40
S 11	17 25	11 35	5 0	19 50	0 20	26 13	3 7	7 32	1 2	13 35	0 20	2 33	2 26	16 26	0 39	8 17	1 22	16 10	2 44	17 2	16 59	0 21	16 0	2 40
M12	17 41	15 25	4 45	20 18	0 27	26 12	3 9	7 46	1 2	13 33	0 20	2 31	2 26	16 26	0 39	8 16	1 22	16 10	2 44	17 5	17 0	0 19	16 0	2 40
T 13	17 56	18 13	4 12	20 44	0 34	26 11	3 11	8 0	1 1	13 31	0 20	2 30	2 26	16 26	0 39	8 16	1 22	16 10	2 44	17 8	17 1	0 17	15 59	2 41
W14	18 12	19 49	3 24	21 10	0 41	26 9	3 13	8 14	1 1	13 30	0 20	2 29	2 26	16 25	0 39	8 15	1 22	16 10	2 44	17 10	17 2	0 15	15 58	2 41
T 15	18 27	20 12	2 26	21 34	0 48	26 6	3 15	8 28	1 1	13 28	0 20	2 28	2 26	16 25	0 39	8 15	1 22	16 10	2 44	17 12	17 3	0 12	15 57	2 41
F 16	18 41	19 27	1 21	21 58	0 54	26 3	3 16	8 42	1 1	13 27	0 21	2 28	2 26	16 25	0 39	8 14	1 22	16 10	2 44	17 12	17 4	0 10	15 57	2 41
S 17	18 55	17 43	0 15	22 20	1 1	25 59	3 18	8 56	1 1	13 25	0 21	2 27	2 26	16 24	0 39	8 14	1 22	16 11	2 44	17 13	17 4	0 8	15 56	2 41
S 18	19 9	15 10	0 s51	22 41	1 7	25 55	3 19	9 10	1 0	13 24	0 21	2 26	2 25	16 24	0 39	8 13	1 22	16 11	2 45	17 13	17 5	0 6	15 55	2 41
M19	19 23	12 2	1 53	23 1	1 14	25 49	3 21	9 23	1 0	13 22	0 21	2 25	2 25	16 24	0 39	8 13	1 22	16 11	2 45	17 13	17 6	0 4	15 54	2 41
T 20	19 36	8 26	2 49	23 20	1 20	25 44	3 22	9 37	1 0	13 21	0 21	2 24	2 25	16 23	0 39	8 12	1 22	16 11	2 45	17 13	17 7	0 2	15 53	2 41
W21	19 49	4 33	3 37	23 37	1 26	25 38	3 23	9 50	1 0	13 20	0 21	2 23	2 25	16 23	0 39	8 12	1 22	16 11	2 45	17 14	17 8	0n 1	15 53	2 41
T 22	20 2	0 30	4 15	23 54	1 32	25 31	3 24	10 4	0 59	13 19	0 22	2 23	2 25	16 22	0 39	8 11	1 22	16 11	2 45	17 16	17 9	0 3	15 52	2 41
F 23	20 14	3n35	4 43	24 9	1 38	25 24	3 25	10 17	0 59	13 18	0 22	2 22	2 25	16 22	0 39	8 11	1 22	16 11	2 45	17 18	17 10	0 5	15 51	2 41
S 24	20 26	7 35	4 59	24 23	1 43	25 16	3 26	10 31	0 59	13 17	0 22	2 21	2 24	16 21	0 39	8 10	1 22	16 11	2 45	17 21	17 11	0 7	15 50	2 41
S 25	20 38	11 19	5 1	24 36	1 49	25 7	3 26	10 44	0 59	13 16	0 22	2 21	2 24	16 21	0 39	8 10	1 22	16 11	2 46	17 24	17 11	0 9	15 50	2 41
M26	20 49	14 37	4 50	24 48	1 54	24 58	3 27	10 57	0 58	13 15	0 22	2 20	2 24	16 20	0 39	8 10	1 22	16 12	2 46	17 28	17 12	0 11	15 49	2 41
T 27	20 59	17 20	4 24	24 59	1 59	24 49	3 27	11 10	0 58	13 14	0 23	2 20	2 24	16 20	0 39	8 9	1 22	16 12	2 46	17 31	17 13	0 14	15 48	2 42
W28	21 10	19 15	3 45	25 8	2 4	24 39	3 27	11 23	0 58	13 13	0 23	2 19	2 24	16 19	0 39	8 9	1 22	16 12	2 46	17 33	17 14	0 16	15 47	2 42
T 29	21 20	20 14	2 54	25 16	2 8	24 29	3 27	11 36	0 58	13 13	0 23	2 19	2 24	16 19	0 39	8 8	1 22	16 12	2 46	17 35	17 15	0 18	15 47	2 42
F 30	21 s29	20n 8	1 s53	25 s23	2 s13	24 s18	3 s26	11 s49	0n57	13n12	0n23	2n18	2 s23	16 s18	0 s39	8n 8	1 s22	16n12	2n46	17n37	17n16	0n20	15n46	2 s42

Julian Day Number = 3063265.5, Delta T = 02h32m38s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'15, Lahiri = 47°20'15

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ASTRODIENST EPHEMERIS for the year 3674
geocentric

DECEMBER 3674 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 43 38	9♐17'25	1♌23	27♐56	26♑ 7	4♏34	25♌44	11°R28	16♒45	24°R28	23°R25	9°R51	11♌ 8	11♈28	23°R 2	S 1
S 2	4 47 35	10°17'27	14°49	29°20	27° 5	5°12	25°46	11♈27	16°47	24♈27	23♌25	9°D51	11° 5	11°35	22♉59	S 2
M 3	4 51 31	11°17'32	28°27	0♑43	28° 3	5°49	25°48	11°26	16°49	24°26	23°25	9♌51	11° 2	11°42	22°56	M 3
T 4	4 55 28	12°17'38	12♍19	2° 5	29° 0	6°27	25°50	11°25	16°50	24°25	23°25	9°R52	10°58	11°48	22°54	T 4
W 5	4 59 24	13°17'46	26°25	3°26	29°57	7° 5	25°51	11°24	16°52	24°24	23°24	9°51	10°55	11°55	22°51	W 5
T 6	5 3 21	14°17'57	10♎44	4°46	0♒53	7°42	25°53	11°23	16°55	24°23	23°24	9°48	10°52	12° 2	22°48	T 6
F 7	5 7 17	15°18'09	25°13	6° 4	1°49	8°20	25°54	11°22	16°57	24°22	23°24	9°43	10°49	12° 9	22°46	F 7
S 8	5 11 14	16°18'23	9♏48	7°22	2°44	8°57	25°55	11°21	16°59	24°21	23°23	9°36	10°46	12°15	22°43	S 8
S 9	5 15 10	17°18'40	24°24	8°38	3°39	9°35	25°55	11°21	17° 1	24°20	23°23	9°28	10°43	12°22	22°40	S 9
M10	5 19 7	18°18'58	8♐52	9°52	4°33	10°13	25°56	11°20	17° 3	24°19	23°23	9°19	10°39	12°29	22°38	M10
T 11	5 23 4	19°19'17	23° 7	11° 5	5°27	10°50	25°56	11°20	17° 5	24°19	23°22	9°11	10°36	12°35	22°35	T 11
W12	5 27 0	20°19'39	7♑ 2	12°15	6°19	11°28	25°R56	11°20	17° 8	24°18	23°22	9° 5	10°33	12°42	22°33	W12
T 13	5 30 57	21°20'01	20°34	13°23	7°11	12° 5	25°56	11°20	17°10	24°17	23°21	9° 1	10°30	12°49	22°30	T 13
F 14	5 34 53	22°20'25	3♒43	14°28	8° 3	12°43	25°56	11°D19	17°12	24°16	23°21	8°D59	10°27	12°55	22°28	F 14
S 15	5 38 50	23°20'51	16°28	15°31	8°54	13°20	25°55	11°20	17°15	24°16	23°20	9° 0	10°24	13° 2	22°25	S 15
S 16	5 42 46	24°21'18	28°54	16°30	9°44	13°58	25°54	11°20	17°17	24°15	23°20	9° 1	10°20	13° 9	22°23	S 16
M17	5 46 43	25°21'45	11♓ 3	17°25	10°33	14°35	25°53	11°20	17°20	24°14	23°19	9° 2	10°17	13°16	22°21	M17
T 18	5 50 39	26°22'15	23° 1	18°15	11°21	15°13	25°52	11°20	17°22	24°14	23°18	9°R 3	10°14	13°22	22°18	T 18
W19	5 54 36	27°22'45	4♈54	19° 1	12° 9	15°50	25°51	11°21	17°25	24°13	23°18	9° 3	10°11	13°29	22°16	W19
T 20	5 58 33	28°23'16	16°45	19°41	12°55	16°28	25°50	11°21	17°27	24°13	23°17	9° 1	10° 8	13°36	22°14	T 20
F 21	6 2 29	29°23'49	28°40	20°14	13°41	17° 5	25°48	11°22	17°30	24°12	23°16	8°57	10° 4	13°42	22°12	F 21
S 22	6 6 26	0♑24'22	10♉43	20°41	14°26	17°43	25°46	11°23	17°33	24°12	23°16	8°52	10° 1	13°49	22° 9	S 22
S 23	6 10 22	1°24'57	22°58	20°59	15° 9	18°20	25°44	11°24	17°35	24°11	23°15	8°45	9°58	13°56	22° 7	S 23
M24	6 14 19	2°25'33	5♊26	21° 9	15°52	18°58	25°42	11°25	17°38	24°11	23°14	8°39	9°55	14° 3	22° 5	M24
T 25	6 18 15	3°26'10	18° 9	21°R10	16°34	19°35	25°39	11°26	17°41	24°11	23°14	8°32	9°52	14° 9	22° 3	T 25
W26	6 22 12	4°26'49	1♋ 8	21° 0	17°14	20°13	25°36	11°27	17°44	24°10	23°13	8°27	9°49	14°16	22° 1	W26
T 27	6 26 8	5°27'28	14°22	20°40	17°53	20°50	25°33	11°28	17°47	24°10	23°12	8°23	9°45	14°23	21°59	T 27
F 28	6 30 5	6°28'09	27°49	20° 8	18°31	21°27	25°30	11°30	17°49	24°10	23°11	8°21	9°42	14°29	21°57	F 28
S 29	6 34 2	7°28'51	11♌27	19°25	19° 8	22° 5	25°27	11°31	17°52	24°10	23°10	8°D20	9°39	14°36	21°56	S 29
S 30	6 37 58	8°29'35	25°16	18°32	19°43	22°42	25°24	11°33	17°55	24° 9	23° 9	8°21	9°36	14°43	21°54	S 30
M31	6 41 55	9♑30'19	9♍12	17♑29	20♒17	23♏20	25♌20	11♈34	17♒58	24♈ 9	23♌ 9	8♌23	9♌33	14♈50	21♉52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s39	18n56	0s45	25s29	2s17	24s 6	3s26	12s 2	0n57	13n11	0n23	2n18	2s23	16s18	0s39	8n 8	1s22	16n12	2n46	17n37	17n17	0n22	15n45	2s42
S 2	21 47	16 40	0n27	25 34	2 20	23 55	3 25	12 14	0 57	13 11	0 23	2 18	2 23	16 17	0 39	8 7	1 22	16 13	2 46	17 37	17 17	0 24	15 44	2 42
M 3	21 56	13 26	1 38	25 37	2 24	23 42	3 25	12 27	0 57	13 10	0 24	2 17	2 23	16 16	0 39	8 7	1 22	16 13	2 47	17 37	17 18	0 27	15 44	2 42
T 4	22 4	9 25	2 45	25 39	2 27	23 30	3 24	12 40	0 56	13 10	0 24	2 17	2 23	16 16	0 39	8 7	1 22	16 13	2 47	17 37	17 19	0 29	15 43	2 42
W 5	22 11	4 49	3 43	25 40	2 29	23 16	3 22	12 52	0 56	13 10	0 24	2 17	2 22	16 15	0 39	8 6	1 22	16 13	2 47	17 37	17 20	0 31	15 42	2 42
T 6	22 18	0s 6	4 28	25 40	2 32	23 3	3 21	13 4	0 56	13 9	0 24	2 17	2 22	16 15	0 39	8 6	1 22	16 14	2 47	17 38	17 21	0 33	15 42	2 42
F 7	22 25	5 4	4 56	25 39	2 34	22 49	3 20	13 17	0 56	13 9	0 24	2 17	2 22	16 14	0 39	8 6	1 21	16 14	2 47	17 39	17 22	0 35	15 41	2 42
S 8	22 32	9 46	5 6	25 36	2 35	22 35	3 18	13 29	0 55	13 9	0 25	2 16	2 22	16 13	0 39	8 5	1 21	16 14	2 47	17 41	17 23	0 38	15 40	2 42
S 9	22 37	13 55	4 56	25 32	2 36	22 20	3 16	13 41	0 55	13 9	0 25	2 16	2 22	16 13	0 39	8 5	1 21	16 14	2 47	17 43	17 23	0 40	15 40	2 42
M10	22 43	17 11	4 27	25 28	2 36	22 5	3 14	13 53	0 55	13 9	0 25	2 16	2 21	16 12	0 39	8 5	1 21	16 15	2 48	17 46	17 24	0 42	15 39	2 42
T 11	22 48	19 22	3 41	25 22	2 36	21 50	3 11	14 5	0 54	13 9	0 25	2 17	2 21	16 11	0 39	8 5	1 21	16 15	2 48	17 48	17 25	0 44	15 38	2 42
W12	22 52	20 19	2 43	25 15	2 36	21 34	3 9	14 16	0 54	13 9	0 25	2 17	2 21	16 11	0 39	8 4	1 21	16 15	2 48	17 49	17 26	0 46	15 38	2 42
T 13	22 57	20 3	1 38	25 7	2 34	21 18	3 6	14 28	0 54	13 10	0 25	2 17	2 21	16 10	0 39	8 4	1 21	16 15	2 48	17 50	17 27	0 49	15 37	2 42
F 14	23 0	18 41	0 29	24 58	2 32	21 2	3 3	14 40	0 54	13 10	0 26	2 17	2 21	16 9	0 39	8 4	1 21	16 16	2 48	17 51	17 28	0 51	15 36	2 42
S 15	23 3	16 24	0s40	24 48	2 29	20 46	3 0	14 51	0 53	13 10	0 26	2 17	2 20	16 8	0 39	8 4	1 21	16 16	2 48	17 51	17 29	0 53	15 36	2 42
S 16	23 6	13 24	1 46	24 37	2 26	20 29	2 56	15 3	0 53	13 11	0 26	2 17	2 20	16 8	0 39	8 4	1 21	16 16	2 48	17 50	17 29	0 55	15 35	2 42
M17	23 9	9 54	2 45	24 26	2 21	20 12	2 52	15 14	0 53	13 11	0 26	2 18	2 20	16 7	0 39	8 3	1 21	16 17	2 48	17 50	17 30	0 57	15 35	2 42
T 18	23 10	6 3	3 36	24 14	2 16	19 55	2 48	15 25	0 52	13 12	0 26	2 18	2 20	16 6	0 39	8 3	1 21	16 17	2 49	17 50	17 31	1 0	15 34	2 42
W19	23 12	2 1	4 17	24 1	2 9	19 37	2 44	15 36	0 52	13 12	0 27	2 18	2 19	16 5	0 39	8 3	1 21	16 17	2 49	17 50	17 32	1 2	15 34	2 42
T 20	23 13	2n 6	4 47	23 48	2 2	19 20	2 39	15 47	0 52	13 13	0 27	2 19	2 19	16 4	0 38	8 3	1 21	16 18	2 49	17 50	17 33	1 4	15 33	2 42
F 21	23 13	6 8	5 5	23 34	1 53	19 2	2 34	15 58	0 51	13 14	0 27	2 19	2 19	16 4	0 38	8 3	1 21	16 18	2 49	17 51	17 34	1 6	15 32	2 42
S 22	23 13	9 59	5 10	23 21	1 43	18 44	2 29	16 9	0 51	13 15	0 27	2 20	2 19	16 3	0 38	8 3	1 21	16 18	2 49	17 53	17 35	1 8	15 32	2 42
S 23	23 13	13 29	5 1	23 7	1 32	18 26	2 24	16 19	0 51	13 15	0 27	2 20	2 19	16 2	0 38	8 2	1 21	16 19	2 49	17 54	17 35	1 10	15 31	2 42
M24	23 12	16 28	4 37	22 53	1 19	18 8	2 18	16 30	0 50	13 16	0 28	2 21	2 18	16 1	0 38	8 2	1 21	16 19	2 49	17 56	17 36	1 13	15 31	2 42
T 25	23 11	18 43	4 0	22 39	1 5	17 50	2 12	16 40	0 50	13 17	0 28	2 21	2 18	16 0	0 38	8 2	1 21	16 19	2 50	17 58	17 37	1 15	15 30	2 42
W26	23 9	20 4	3 9	22 25	0 50	17 32	2 6	16 50	0 50	13 18	0 28	2 22	2 18	15 59	0 38	8 2	1 21	16 20	2 50	17 59	17 38	1 17	15 30	2 42
T 27	23 7	20 21	2 7	22 12	0 33	17 13	1 59	17 1	0 49	13 20	0 28	2 23	2 18	15 59	0 38	8 2	1 21	16 20	2 50	18 0	17 39	1 19	15 29	2 42
F 28	23 4	19 28	0 57	21 59	0 15	16 55	1 52	17 11	0 49	13 21	0 28	2 24	2 18	15 58	0 38	8 2	1 21	16 21	2 50	18 1	17 40	1 22	15 29	2 42
S 29	23 1	17 28	0n17	21 46	0n 3	16 37	1 45	17 20	0 49	13 22	0 28	2 24	2 17	15 57	0 38	8 2	1 21	16 21	2 50	18 1	17 40	1 24	15 29	2 42
S 30	22 57	14 25	1 31	21 34	0 23	16 19	1 37	17 30	0 48	13 23	0 29	2 25	2 17	15 56	0 38	8 2	1 21	16 21	2 50	18 1	17 41	1 26	15 28	2 42
M31	22s53	10n33	2n41	21s23	0n43	16s 0	1s29	17s40	0n48	13n25	0n29	2n26	2s17	15s55	0s38	8n 2	1s21	16n22	2n50	18n 0	17n42	1n28	15n28	2s42

Julian Day Number = 3063295.5, Delta T = 02h32m39s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'19, Lahiri = 47°20'19

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

JANUARY 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 45 51	10♉31'05	23♍14	16°R17	20♒49	23♏57	25°R16	11♈36	18♒ 1	24°R 9	23°R 8	8♌24	9♌29	14♈56	21°R50	T 1
W 2	6 49 48	11°31'53	7♎21	14♉59	21°20	24°34	25♌12	11°38	18° 4	24♈ 9	23♌ 7	8°R25	9°26	15° 3	21♉49	W 2
T 3	6 53 44	12°32'42	21°32	13°37	21°50	25°12	25° 8	11°40	18° 7	24° 9	23° 6	8°25	9°23	15°10	21°47	T 3
F 4	6 57 41	13°33'32	5♏44	12°14	22°18	25°49	25° 4	11°42	18°10	24°D 9	23° 5	8°23	9°20	15°16	21°45	F 4
S 5	7 1 38	14°34'23	19°55	10°53	22°44	26°26	24°59	11°45	18°13	24° 9	23° 4	8°21	9°17	15°23	21°44	S 5
S 6	7 5 34	15°35'15	4♐ 1	9°35	23° 8	27° 4	24°55	11°47	18°17	24° 9	23° 3	8°18	9°14	15°30	21°43	S 6
M 7	7 9 31	16°36'09	18° 0	8°25	23°31	27°41	24°50	11°49	18°20	24° 9	23° 2	8°14	9°10	15°36	21°41	M 7
T 8	7 13 27	17°37'04	1♑47	7°23	23°51	28°18	24°45	11°52	18°23	24° 9	23° 1	8°11	9° 7	15°43	21°40	T 8
W 9	7 17 24	18°38'00	15°20	6°31	24°10	28°56	24°39	11°55	18°26	24° 9	23° 0	8° 9	9° 4	15°50	21°39	W 9
T 10	7 21 20	19°38'56	28°36	5°50	24°27	29°33	24°34	11°57	18°29	24°10	22°59	8° 8	9° 1	15°57	21°37	T 10
F 11	7 25 17	20°39'53	11♒34	5°20	24°42	0♗10	24°28	12° 0	18°32	24°10	22°58	8°D 8	8°58	16° 3	21°36	F 11
S 12	7 29 13	21°40'51	24°14	5° 1	24°54	0°47	24°23	12° 3	18°36	24°10	22°57	8° 8	8°55	16°10	21°35	S 12
S 13	7 33 10	22°41'49	6♓38	4°D52	25° 4	1°25	24°17	12° 6	18°39	24°10	22°55	8° 9	8°51	16°17	21°34	S 13
M14	7 37 7	23°42'48	18°48	4°54	25°12	2° 2	24°11	12° 9	18°42	24°11	22°54	8°11	8°48	16°23	21°33	M14
T 15	7 41 3	24°43'47	0♈48	5° 5	25°18	2°39	24° 5	12°12	18°46	24°11	22°53	8°12	8°45	16°30	21°32	T 15
W16	7 45 0	25°44'47	12°41	5°25	25°22	3°16	23°59	12°16	18°49	24°12	22°52	8°13	8°42	16°37	21°31	W16
T 17	7 48 56	26°45'46	24°33	5°52	25°R23	3°53	23°52	12°19	18°52	24°12	22°51	8°R14	8°39	16°44	21°30	T 17
F 18	7 52 53	27°46'46	6♉27	6°27	25°21	4°30	23°46	12°22	18°56	24°12	22°50	8°13	8°35	16°50	21°29	F 18
S 19	7 56 49	28°47'47	18°30	7° 7	25°17	5° 7	23°39	12°26	18°59	24°13	22°49	8°13	8°32	16°57	21°29	S 19
S 20	8 0 46	29°48'47	0♊45	7°54	25°11	5°45	23°32	12°30	19° 3	24°14	22°47	8°12	8°29	17° 4	21°28	S 20
M21	8 4 42	0♒49'48	13°16	8°45	25° 1	6°22	23°25	12°33	19° 6	24°14	22°46	8°11	8°26	17°10	21°27	M21
T 22	8 8 39	1°50'49	26° 7	9°40	24°50	6°59	23°18	12°37	19° 9	24°15	22°45	8°10	8°23	17°17	21°27	T 22
W23	8 12 36	2°51'50	9♋17	10°40	24°36	7°36	23°11	12°41	19°13	24°15	22°44	8° 9	8°20	17°24	21°26	W23
T 24	8 16 32	3°52'52	22°48	11°43	24°19	8°13	23° 4	12°45	19°16	24°16	22°42	8° 9	8°16	17°31	21°26	T 24
F 25	8 20 29	4°53'53	6♌38	12°48	24° 0	8°50	22°57	12°49	19°20	24°17	22°41	8°D 9	8°13	17°37	21°26	F 25
S 26	8 24 25	5°54'55	20°45	13°57	23°39	9°27	22°49	12°54	19°23	24°18	22°40	8° 9	8°10	17°44	21°25	S 26
S 27	8 28 22	6°55'57	5♍ 3	15° 8	23°16	10° 4	22°42	12°58	19°27	24°18	22°39	8° 9	8° 7	17°51	21°25	S 27
M28	8 32 18	7°56'59	19°27	16°21	22°50	10°41	22°34	13° 2	19°30	24°19	22°37	8°R 9	8° 4	17°57	21°25	M28
T 29	8 36 15	8°58'02	3♎54	17°36	22°22	11°18	22°27	13° 7	19°34	24°20	22°36	8° 9	8° 1	18° 4	21°25	T 29
W30	8 40 11	9°59'05	18°17	18°52	21°53	11°54	22°19	13°11	19°37	24°21	22°35	8° 9	7°57	18°11	21°25	W30
T 31	8 44 8	11♒ 0'08	2♏34	20♉10	21♒22	12♗31	22♌11	13♈16	19♒41	24♈22	22♌34	8♌ 9	7♌54	18♈18	21°D25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	6n 4	3n42	21s12	1n 3	15s42	1s21	17s49	0n47	13n26	0n29	2n27	2s17	15s54	0s38	8n 2	1s21	16n22	2n50	18n 0	17n43	1n30	15n27	2s42
W 2	22 44	1 14	4 29	21 1	1 23	15 24	1 12	17 59	0 47	13 28	0 29	2 28	2 16	15 53	0 38	8 2	1 21	16 23	2 50	18 0	17 44	1 33	15 27	2 42
T 3	22 38	3s40	5 1	20 51	1 41	15 6	1 3	18 8	0 47	13 29	0 29	2 29	2 16	15 52	0 38	8 2	1 21	16 23	2 51	18 0	17 45	1 35	15 27	2 41
F 4	22 32	8 22	5 14	20 42	1 58	14 49	0 54	18 17	0 46	13 31	0 30	2 30	2 16	15 51	0 38	8 2	1 20	16 23	2 51	18 0	17 45	1 37	15 26	2 41
S 5	22 26	12 37	5 8	20 34	2 14	14 31	0 44	18 26	0 46	13 33	0 30	2 31	2 16	15 50	0 38	8 2	1 20	16 24	2 51	18 1	17 46	1 39	15 26	2 41
S 6	22 19	16 7	4 43	20 26	2 27	14 13	0 34	18 35	0 45	13 34	0 30	2 32	2 16	15 49	0 38	8 2	1 20	16 24	2 51	18 2	17 47	1 41	15 26	2 41
M 7	22 12	18 40	4 2	20 20	2 37	13 56	0 24	18 44	0 45	13 36	0 30	2 33	2 15	15 48	0 38	8 2	1 20	16 25	2 51	18 2	17 48	1 44	15 25	2 41
T 8	22 4	20 6	3 7	20 16	2 46	13 39	0 13	18 53	0 45	13 38	0 30	2 34	2 15	15 47	0 38	8 2	1 20	16 25	2 51	18 3	17 49	1 46	15 25	2 41
W 9	21 56	20 19	2 2	20 12	2 52	13 22	0 2	19 1	0 44	13 40	0 31	2 35	2 15	15 46	0 38	8 2	1 20	16 26	2 51	18 4	17 50	1 48	15 25	2 41
T 10	21 48	19 24	0 52	20 10	2 55	13 6	0n10	19 10	0 44	13 42	0 31	2 37	2 15	15 45	0 38	8 3	1 20	16 26	2 51	18 4	17 50	1 50	15 25	2 41
F 11	21 39	17 28	0s19	20 10	2 57	12 50	0 22	19 18	0 43	13 44	0 31	2 38	2 15	15 44	0 38	8 3	1 20	16 27	2 51	18 4	17 51	1 52	15 24	2 41
S 12	21 30	14 42	1 28	20 11	2 57	12 34	0 34	19 26	0 43	13 46	0 31	2 39	2 14	15 43	0 38	8 3	1 20	16 27	2 52	18 4	17 52	1 55	15 24	2 41
S 13	21 20	11 20	2 31	20 14	2 55	12 19	0 47	19 34	0 42	13 48	0 31	2 41	2 14	15 42	0 38	8 3	1 20	16 27	2 52	18 4	17 53	1 57	15 24	2 41
M14	21 10	7 34	3 26	20 17	2 51	12 4	1 0	19 42	0 42	13 50	0 31	2 42	2 14	15 41	0 38	8 3	1 20	16 28	2 52	18 3	17 54	1 59	15 24	2 41
T 15	20 59	3 33	4 12	20 21	2 47	11 49	1 13	19 49	0 42	13 52	0 32	2 43	2 14	15 40	0 38	8 3	1 20	16 28	2 52	18 3	17 55	2 1	15 23	2 41
W16	20 48	0n34	4 46	20 26	2 41	11 35	1 27	19 57	0 41	13 54	0 32	2 45	2 14	15 39	0 38	8 3	1 20	16 29	2 52	18 3	17 55	2 4	15 23	2 41
T 17	20 37	4 39	5 8	20 31	2 35	11 22	1 41	20 4	0 41	13 57	0 32	2 46	2 13	15 38	0 38	8 4	1 20	16 29	2 52	18 3	17 56	2 6	15 23	2 41
F 18	20 25	8 33	5 17	20 37	2 27	11 9	1 55	20 11	0 40	13 59	0 32	2 48	2 13	15 37	0 38	8 4	1 20	16 30	2 52	18 3	17 57	2 8	15 23	2 41
S 19	20 13	12 10	5 12	20 42	2 20	10 56	2 10	20 19	0 40	14 1	0 32	2 49	2 13	15 36	0 38	8 4	1 20	16 30	2 52	18 3	17 58	2 10	15 23	2 41
S 20	20 0	15 21	4 53	20 48	2 12	10 44	2 25	20 26	0 39	14 4	0 32	2 51	2 13	15 35	0 38	8 4	1 20	16 31	2 52	18 3	17 59	2 12	15 23	2 40
M21	19 47	17 54	4 20	20 53	2 3	10 33	2 40	20 32	0 39	14 6	0 33	2 53	2 13	15 34	0 38	8 5	1 20	16 31	2 53	18 3	17 59	2 15	15 23	2 40
T 22	19 34	19 37	3 33	20 58	1 54	10 22	2 55	20 39	0 38	14 9	0 33	2 54	2 13	15 33	0 38	8 5	1 20	16 32	2 53	18 4	18 0	2 17	15 23	2 40
W23	19 20	20 21	2 33	21 3	1 46	10 12	3 11	20 46	0 38	14 11	0 33	2 56	2 12	15 32	0 38	8 5	1 20	16 32	2 53	18 4	18 1	2 19	15 23	2 40
T 24	19 6	19 56	1 24	21 6	1 37	10 3	3 26	20 52	0 37	14 14	0 33	2 58	2 12	15 31	0 38	8 5	1 20	16 33	2 53	18 4	18 2	2 21	15 23	2 40
F 25	18 52	18 19	0 8	21 9	1 28	9 54	3 42	20 58	0 37	14 16	0 33	2 59	2 12	15 30	0 38	8 6	1 20	16 33	2 53	18 4	18 3	2 24	15 23	2 40
S 26	18 37	15 33	1n 9	21 12	1 19	9 47	3 57	21 4	0 36	14 19	0 33	3 1	2 12	15 29	0 38	8 6	1 20	16 34	2 53	18 4	18 4	2 26	15 23	2 40
S 27	18 22	11 49	2 24	21 13	1 10	9 39	4 13	21 10	0 36	14 21	0 34	3 3	2 12	15 27	0 38	8 6	1 20	16 34	2 53	18 4	18 4	2 28	15 23	2 40
M28	18 7	7 22	3 30	21 14	1 0	9 33	4 28	21 16	0 35	14 24	0 34	3 5	2 11	15 26	0 38	8 7	1 19	16 35	2 53	18 4	18 5	2 30	15 23	2 40
T 29	17 51	2 29	4 23	21 13	0 52	9 27	4 43	21 22	0 35	14 26	0 34	3 7	2 11	15 25	0 38	8 7	1 19	16 35	2 53	18 4	18 6	2 33	15 23	2 40
W30	17 35	2s30	4 59	21 12	0 43	9 22	4 58	21 27	0 34	14 29	0 34	3 9	2 11	15 24	0 38	8 7	1 19	16 36	2 53	18 4	18 7	2 35	15 23	2 40
T 31	17s19	7s18	5n16	21s10	0n34	9s18	5n13	21s32	0n33	14n32	0n34	3n11	2s11	15s23	0s38	8n 8	1s19	16n36	2n53	18n 4	18n 8	2n37	15n23	2s40

Julian Day Number = 3063326.5, Delta T = 02h32m40s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'23, Lahiri = 47°20'24

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

FEBRUARY 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 48 5	12♒ 1'12	16♏42	21♉30	20°R49	13♐ 8	22°R 3	13♈20	19♒44	24♈23	22°R32	8°D 9	7♌51	18♈24	21♉25	F 1
S 2	8 52 1	13° 2'16	0♐39	22°50	20♒15	13°45	21♌56	13°25	19°48	24°24	22♌31	8♌ 9	7°48	18°31	21°25	S 2
S 3	8 55 58	14° 3'21	14°23	24°12	19°40	14°22	21°48	13°30	19°51	24°25	22°30	8° 9	7°45	18°38	21°25	S 3
M 4	8 59 54	15° 4'26	27°55	25°35	19° 5	14°59	21°40	13°35	19°55	24°26	22°28	8°10	7°41	18°44	21°25	M 4
T 5	9 3 51	16° 5'30	11♉15	26°59	18°28	15°35	21°32	13°40	19°59	24°27	22°27	8°11	7°38	18°51	21°26	T 5
W 6	9 7 47	17° 6'35	24°21	28°23	17°52	16°12	21°24	13°45	20° 2	24°28	22°26	8°11	7°35	18°58	21°26	W 6
T 7	9 11 44	18° 7'40	7♒14	29°49	17°15	16°49	21°16	13°50	20° 6	24°29	22°24	8°R11	7°32	19° 5	21°26	T 7
F 8	9 15 40	19° 8'44	19°55	1♒15	16°38	17°26	21° 7	13°55	20° 9	24°30	22°23	8°11	7°29	19°11	21°27	F 8
S 9	9 19 37	20° 9'48	2♓23	2°42	16° 2	18° 2	20°59	14° 0	20°13	24°31	22°22	8°10	7°26	19°18	21°27	S 9
S 10	9 23 34	21°10'52	14°39	4° 9	15°27	18°39	20°51	14° 6	20°16	24°33	22°20	8° 9	7°22	19°25	21°28	S 10
M11	9 27 30	22°11'55	26°45	5°38	14°52	19°16	20°43	14°11	20°20	24°34	22°19	8° 7	7°19	19°31	21°29	M11
T 12	9 31 27	23°12'58	8♈44	7° 7	14°19	19°52	20°35	14°17	20°23	24°35	22°18	8° 4	7°16	19°38	21°29	T 12
W13	9 35 23	24°14'00	20°37	8°36	13°46	20°29	20°27	14°22	20°27	24°36	22°16	8° 2	7°13	19°45	21°30	W13
T 14	9 39 20	25°15'02	2♉28	10° 6	13°16	21° 5	20°19	14°28	20°31	24°38	22°15	8° 0	7°10	19°52	21°31	T 14
F 15	9 43 16	26°16'03	14°21	11°37	12°47	21°42	20°11	14°33	20°34	24°39	22°14	7°58	7° 7	19°58	21°32	F 15
S 16	9 47 13	27°17'03	26°21	13° 8	12°20	22°18	20° 3	14°39	20°38	24°41	22°12	7°D58	7° 3	20° 5	21°33	S 16
S 17	9 51 9	28°18'02	8♊33	14°40	11°55	22°55	19°55	14°45	20°41	24°42	22°11	7°58	7° 0	20°12	21°34	S 17
M18	9 55 6	29°19'01	21° 0	16°13	11°32	23°31	19°47	14°51	20°45	24°43	22°10	7°59	6°57	20°18	21°35	M18
T 19	9 59 3	0♓19'58	3♋48	17°46	11°12	24° 7	19°39	14°57	20°48	24°45	22° 8	8° 1	6°54	20°25	21°36	T 19
W20	10 2 59	1°20'55	17° 0	19°20	10°53	24°44	19°32	15° 3	20°52	24°46	22° 7	8° 3	6°51	20°32	21°37	W20
T 21	10 6 56	2°21'51	0♌37	20°54	10°37	25°20	19°24	15° 9	20°55	24°48	22° 6	8° 4	6°47	20°39	21°39	T 21
F 22	10 10 52	3°22'46	14°39	22°29	10°24	25°56	19°16	15°15	20°59	24°50	22° 5	8°R 4	6°44	20°45	21°40	F 22
S 23	10 14 49	4°23'40	29° 5	24° 4	10°13	26°33	19° 9	15°21	21° 2	24°51	22° 3	8° 2	6°41	20°52	21°41	S 23
S 24	10 18 45	5°24'33	13♍48	25°41	10° 5	27° 9	19° 1	15°27	21° 6	24°53	22° 2	8° 0	6°38	20°59	21°43	S 24
M25	10 22 42	6°25'26	28°42	27°18	9°59	27°45	18°54	15°33	21° 9	24°54	22° 1	7°56	6°35	21° 6	21°44	M25
T 26	10 26 38	7°26'17	13♎38	28°55	9°55	28°21	18°47	15°39	21°13	24°56	21°59	7°52	6°32	21°12	21°46	T 26
W27	10 30 35	8°27'08	28°27	0♓33	9°D54	28°57	18°39	15°46	21°16	24°58	21°58	7°47	6°28	21°19	21°47	W27
T 28	10 34 32	9♓27'59	13♏ 3	2♓12	9♒56	29♐33	18♌32	15♈52	21♒20	24♈59	21♌57	7♌44	6♌25	21♈26	21♉49	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 2	11s39	5n14	21s 6	0n25	9s15	5n27	21s38	0n33	14n34	0n34	3n12	2s11	15s22	0s38	8n 8	1s19	16n37	2n54	18n 4	18n 8	2n39	15n23	2s40
S 2	16 45	15 19	4 53	21 2	0 17	9 12	5 41	21 43	0 32	14 37	0 34	3 14	2 11	15 21	0 38	8 8	1 19	16 37	2 54	18 4	18 9	2 41	15 23	2 40
S 3	16 28	18 5	4 16	20 56	0 9	9 10	5 54	21 47	0 32	14 40	0 35	3 16	2 10	15 20	0 38	8 9	1 19	16 38	2 54	18 4	18 10	2 44	15 23	2 39
M 4	16 10	19 47	3 25	20 50	0 0	9 9	6 7	21 52	0 31	14 42	0 35	3 18	2 10	15 19	0 38	8 9	1 19	16 38	2 54	18 4	18 11	2 46	15 23	2 39
T 5	15 52	20 22	2 24	20 42	0s 8	9 8	6 19	21 57	0 31	14 45	0 35	3 21	2 10	15 18	0 38	8 10	1 19	16 39	2 54	18 3	18 12	2 48	15 23	2 39
W 6	15 34	19 48	1 16	20 33	0 15	9 8	6 30	22 1	0 30	14 48	0 35	3 23	2 10	15 16	0 38	8 10	1 19	16 39	2 54	18 3	18 12	2 50	15 24	2 39
T 7	15 16	18 13	0 5	20 23	0 23	9 9	6 41	22 5	0 29	14 50	0 35	3 25	2 10	15 15	0 38	8 11	1 19	16 40	2 54	18 3	18 13	2 53	15 24	2 39
F 8	14 57	15 44	1s 4	20 12	0 30	9 10	6 50	22 9	0 29	14 53	0 35	3 27	2 10	15 14	0 38	8 11	1 19	16 40	2 54	18 3	18 14	2 55	15 24	2 39
S 9	14 38	12 33	2 10	19 59	0 37	9 12	6 59	22 13	0 28	14 56	0 35	3 29	2 10	15 13	0 38	8 12	1 19	16 41	2 54	18 3	18 15	2 57	15 24	2 39
S 10	14 19	8 53	3 8	19 46	0 44	9 14	7 7	22 17	0 28	14 58	0 35	3 31	2 9	15 12	0 38	8 12	1 19	16 41	2 54	18 4	18 16	2 59	15 24	2 39
M11	13 59	4 55	3 57	19 31	0 51	9 17	7 15	22 21	0 27	15 1	0 36	3 33	2 9	15 11	0 38	8 12	1 19	16 42	2 54	18 4	18 16	3 2	15 25	2 39
T 12	13 39	0 48	4 35	19 15	0 58	9 20	7 21	22 24	0 26	15 4	0 36	3 36	2 9	15 10	0 38	8 13	1 19	16 42	2 54	18 5	18 17	3 4	15 25	2 39
W13	13 19	3n19	5 1	18 59	1 4	9 24	7 27	22 27	0 26	15 6	0 36	3 38	2 9	15 9	0 38	8 13	1 19	16 43	2 54	18 6	18 18	3 6	15 25	2 39
T 14	12 59	7 18	5 14	18 41	1 10	9 28	7 31	22 31	0 25	15 9	0 36	3 40	2 9	15 8	0 38	8 14	1 19	16 43	2 54	18 6	18 19	3 8	15 25	2 39
F 15	12 39	11 0	5 14	18 21	1 16	9 32	7 35	22 34	0 24	15 12	0 36	3 42	2 9	15 6	0 38	8 15	1 19	16 44	2 55	18 7	18 20	3 11	15 26	2 39
S 16	12 18	14 18	4 59	18 1	1 21	9 36	7 38	22 36	0 24	15 14	0 36	3 45	2 9	15 5	0 38	8 15	1 19	16 44	2 55	18 7	18 20	3 13	15 26	2 38
S 17	11 57	17 3	4 32	17 40	1 26	9 41	7 40	22 39	0 23	15 17	0 36	3 47	2 8	15 4	0 38	8 16	1 19	16 45	2 55	18 7	18 21	3 15	15 26	2 38
M18	11 36	19 5	3 51	17 17	1 31	9 45	7 42	22 42	0 22	15 19	0 36	3 49	2 8	15 3	0 38	8 16	1 19	16 45	2 55	18 6	18 22	3 17	15 27	2 38
T 19	11 15	20 13	2 58	16 54	1 36	9 50	7 42	22 44	0 22	15 22	0 36	3 52	2 8	15 2	0 38	8 17	1 19	16 46	2 55	18 6	18 23	3 20	15 27	2 38
W20	10 54	20 17	1 53	16 29	1 40	9 55	7 42	22 46	0 21	15 24	0 36	3 54	2 8	15 1	0 38	8 17	1 19	16 46	2 55	18 5	18 24	3 22	15 27	2 38
T 21	10 32	19 10	0 41	16 3	1 44	10 0	7 41	22 48	0 20	15 27	0 37	3 57	2 8	15 0	0 38	8 18	1 19	16 47	2 55	18 5	18 24	3 24	15 28	2 38
F 22	10 11	16 52	0n36	15 36	1 48	10 5	7 40	22 50	0 19	15 29	0 37	3 59	2 8	14 59	0 38	8 18	1 19	16 47	2 55	18 5	18 25	3 26	15 28	2 38
S 23	9 49	13 27	1 53	15 8	1 52	10 10	7 37	22 52	0 19	15 32	0 37	4 1	2 8	14 58	0 38	8 19	1 19	16 48	2 55	18 6	18 26	3 28	15 29	2 38
S 24	9 27	9 8	3 4	14 39	1 55	10 15	7 35	22 54	0 18	15 34	0 37	4 4	2 8	14 56	0 38	8 20	1 19	16 48	2 55	18 6	18 27	3 31	15 29	2 38
M25	9 4	4 14	4 3	14 9	1 58	10 20	7 31	22 55	0 17	15 36	0 37	4 6	2 7	14 55	0 38	8 20	1 19	16 49	2 55	18 7	18 28	3 33	15 30	2 38
T 26	8 42	0s57	4 45	13 38	2 0	10 24	7 28	22 56	0 16	15 39	0 37	4 9	2 7	14 54	0 38	8 21	1 19	16 49	2 55	18 8	18 28	3 35	15 30	2 38
W27	8 20	6 1	5 8	13 5	2 3	10 29	7 23	22 57	0 16	15 41	0 37	4 11	2 7	14 53	0 38	8 22	1 18	16 49	2 55	18 9	18 29	3 37	15 30	2 38
T 28	7s57	10s40	5n11	12s32	2s 4	10s33	7n19	22s58	0n15	15n43	0n37	4n14	2s 7	14s52	0s38	8n22	1s18	16n50	2n55	18n10	18n30	3n40	15n31	2s38

Julian Day Number = 3063357.5, Delta T = 02h32m41s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'28, Lahiri = 47°20'28

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

MARCH 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 38 28	10♓28'48	27♏21	3♓52	9♒59	0♑ 9	18°R25	15♈59	21♒23	25♈ 1	21°R56	7°R42	6♌22	21♈32	21♉51	F 1
S 2	10 42 25	11°29'38	11♐18	5°33	10° 6	0°45	18♌18	16° 5	21°26	25° 3	21♌54	7°D41	6°19	21°39	21°52	S 2
S 3	10 46 21	12°30'26	24°54	7°14	10°14	1°21	18°12	16°12	21°30	25° 5	21°53	7♌41	6°16	21°46	21°54	S 3
M 4	10 50 18	13°31'14	8♑11	8°56	10°25	1°57	18° 5	16°18	21°33	25° 6	21°52	7°43	6°13	21°53	21°56	M 4
T 5	10 54 14	14°32'01	21°11	10°38	10°38	2°33	17°58	16°25	21°37	25° 8	21°51	7°44	6° 9	21°59	21°58	T 5
W 6	10 58 11	15°32'47	3♒56	12°22	10°53	3° 9	17°52	16°31	21°40	25°10	21°49	7°R45	6° 6	22° 6	22° 0	W 6
T 7	11 2 7	16°33'32	16°29	14° 6	11°10	3°45	17°46	16°38	21°43	25°12	21°48	7°45	6° 3	22°13	22° 2	T 7
F 8	11 6 4	17°34'16	28°51	15°51	11°29	4°20	17°39	16°45	21°47	25°14	21°47	7°43	6° 0	22°19	22° 4	F 8
S 9	11 10 1	18°34'59	11♓ 4	17°37	11°50	4°56	17°33	16°52	21°50	25°16	21°46	7°39	5°57	22°26	22° 6	S 9
S 10	11 13 57	19°35'41	23°10	19°24	12°13	5°32	17°28	16°58	21°53	25°18	21°45	7°32	5°53	22°33	22° 8	S 10
M11	11 17 54	20°36'21	5♈10	21°11	12°37	6° 7	17°22	17° 5	21°56	25°20	21°44	7°24	5°50	22°40	22°10	M11
T 12	11 21 50	21°37'00	17° 5	22°59	13° 4	6°43	17°16	17°12	22° 0	25°22	21°42	7°15	5°47	22°46	22°13	T 12
W13	11 25 47	22°37'38	28°57	24°48	13°32	7°18	17°11	17°19	22° 3	25°24	21°41	7° 6	5°44	22°53	22°15	W13
T 14	11 29 43	23°38'14	10♉48	26°38	14° 1	7°54	17° 6	17°26	22° 6	25°26	21°40	6°58	5°41	23° 0	22°17	T 14
F 15	11 33 40	24°38'49	22°41	28°28	14°32	8°29	17° 1	17°33	22° 9	25°28	21°39	6°51	5°38	23° 6	22°20	F 15
S 16	11 37 36	25°39'22	4♊40	0♈19	15° 5	9° 5	16°56	17°40	22°12	25°30	21°38	6°47	5°34	23°13	22°22	S 16
S 17	11 41 33	26°39'54	16°48	2°10	15°39	9°40	16°51	17°47	22°15	25°32	21°37	6°44	5°31	23°20	22°25	S 17
M18	11 45 29	27°40'23	29°10	4° 2	16°14	10°15	16°46	17°54	22°18	25°34	21°36	6°D44	5°28	23°27	22°27	M18
T 19	11 49 26	28°40'52	11♋51	5°55	16°51	10°50	16°42	18° 1	22°21	25°36	21°35	6°44	5°25	23°33	22°30	T 19
W20	11 53 23	29°41'18	24°56	7°47	17°29	11°25	16°38	18° 8	22°24	25°38	21°34	6°46	5°22	23°40	22°32	W20
T 21	11 57 19	0♈41'43	8♌27	9°39	18° 8	12° 0	16°34	18°15	22°27	25°40	21°33	6°R46	5°18	23°47	22°35	T 21
F 22	12 1 16	1°42'06	22°28	11°31	18°48	12°35	16°30	18°22	22°30	25°42	21°32	6°45	5°15	23°53	22°38	F 22
S 23	12 5 12	2°42'27	6♍57	13°23	19°30	13°10	16°26	18°30	22°33	25°44	21°31	6°42	5°12	24° 0	22°41	S 23
S 24	12 9 9	3°42'46	21°51	15°14	20°12	13°45	16°23	18°37	22°36	25°46	21°30	6°36	5° 9	24° 7	22°43	S 24
M25	12 13 5	4°43'04	7♎ 1	17° 4	20°56	14°20	16°19	18°44	22°39	25°48	21°29	6°28	5° 6	24°14	22°46	M25
T 26	12 17 2	5°43'20	22°18	18°52	21°40	14°55	16°16	18°51	22°42	25°51	21°28	6°19	5° 3	24°20	22°49	T 26
W27	12 20 58	6°43'34	7♏31	20°39	22°26	15°29	16°13	18°58	22°45	25°53	21°27	6° 9	4°59	24°27	22°52	W27
T 28	12 24 55	7°43'47	22°28	22°23	23°12	16° 4	16°11	19° 6	22°48	25°55	21°26	6° 1	4°56	24°34	22°55	T 28
F 29	12 28 52	8°43'59	7♐ 3	24° 5	24° 0	16°38	16° 8	19°13	22°50	25°57	21°26	5°55	4°53	24°40	22°58	F 29
S 30	12 32 48	9°44'10	21°12	25°43	24°48	17°13	16° 6	19°20	22°53	25°59	21°25	5°51	4°50	24°47	23° 1	S 30
S 31	12 36 45	10♈44'19	4♑53	27♈18	25♒37	17♑47	16♌ 3	19♈28	22♒56	26♈ 1	21♌24	5♌50	4♌47	24♈54	23♉ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s34	14s36	4n54	11s57	2s 6	10s37	7n13	22s59	0n14	15n46	0n37	4n16	2s 7	14s51	0s38	8n23	1s18	16n50	2n55	18n11	18n31	3n42	15n31	2s38
S 2	7 11	17 38	4 21	11 22	2 7	10 40	7 8	23 0	0 13	15 48	0 37	4 19	2 7	14 50	0 38	8 24	1 18	16 51	2 55	18 11	18 32	3 44	15 32	2 37
S 3	6 48	19 35	3 33	10 45	2 8	10 44	7 2	23 0	0 12	15 50	0 37	4 21	2 7	14 49	0 38	8 24	1 18	16 51	2 55	18 11	18 32	3 46	15 32	2 37
M 4	6 25	20 24	2 34	10 8	2 8	10 47	6 56	23 1	0 12	15 52	0 37	4 24	2 7	14 48	0 38	8 25	1 18	16 52	2 55	18 11	18 33	3 49	15 33	2 37
T 5	6 2	20 6	1 29	9 29	2 8	10 50	6 50	23 1	0 11	15 54	0 37	4 27	2 7	14 47	0 38	8 26	1 18	16 52	2 55	18 10	18 34	3 51	15 33	2 37
W 6	5 39	18 45	0 21	8 49	2 7	10 52	6 43	23 1	0 10	15 56	0 37	4 29	2 7	14 46	0 38	8 26	1 18	16 53	2 55	18 10	18 35	3 53	15 34	2 37
T 7	5 16	16 30	0s47	8 9	2 6	10 54	6 36	23 1	0 9	15 58	0 37	4 32	2 7	14 45	0 38	8 27	1 18	16 53	2 56	18 10	18 35	3 55	15 35	2 37
F 8	4 52	13 31	1 52	7 27	2 5	10 56	6 29	23 1	0 8	16 0	0 38	4 34	2 6	14 44	0 38	8 28	1 18	16 53	2 56	18 10	18 36	3 58	15 35	2 37
S 9	4 29	9 59	2 51	6 44	2 3	10 57	6 22	23 1	0 7	16 2	0 38	4 37	2 6	14 43	0 38	8 28	1 18	16 54	2 56	18 12	18 37	4 0	15 36	2 37
S 10	4 5	6 4	3 41	6 1	2 1	10 58	6 15	23 0	0 6	16 4	0 38	4 40	2 6	14 42	0 38	8 29	1 18	16 54	2 56	18 13	18 38	4 2	15 36	2 37
M11	3 41	1 58	4 21	5 16	1 58	10 59	6 7	22 59	0 6	16 5	0 38	4 42	2 6	14 41	0 38	8 30	1 18	16 55	2 56	18 15	18 39	4 4	15 37	2 37
T 12	3 18	2n12	4 49	4 31	1 55	10 59	6 0	22 59	0 5	16 7	0 38	4 45	2 6	14 40	0 38	8 30	1 18	16 55	2 56	18 17	18 39	4 7	15 38	2 37
W13	2 54	6 15	5 4	3 45	1 51	10 59	5 52	22 58	0 4	16 9	0 38	4 48	2 6	14 39	0 38	8 31	1 18	16 55	2 56	18 20	18 40	4 9	15 38	2 37
T 14	2 30	10 4	5 7	2 57	1 46	10 58	5 44	22 57	0 3	16 10	0 38	4 50	2 6	14 38	0 39	8 32	1 18	16 56	2 56	18 22	18 41	4 11	15 39	2 37
F 15	2 7	13 30	4 56	2 9	1 41	10 57	5 36	22 55	0 2	16 12	0 38	4 53	2 6	14 37	0 39	8 33	1 18	16 56	2 56	18 23	18 42	4 14	15 40	2 37
S 16	1 43	16 25	4 32	1 21	1 36	10 55	5 28	22 54	0 1	16 13	0 38	4 56	2 6	14 36	0 39	8 33	1 18	16 56	2 56	18 25	18 42	4 16	15 40	2 37
S 17	1 19	18 40	3 56	0 31	1 30	10 53	5 20	22 53	0s 0	16 15	0 38	4 58	2 6	14 35	0 39	8 34	1 18	16 57	2 56	18 25	18 43	4 18	15 41	2 37
M18	0 55	20 5	3 8	0n19	1 23	10 51	5 12	22 51	0 1	16 16	0 38	5 1	2 6	14 34	0 39	8 35	1 18	16 57	2 56	18 25	18 44	4 20	15 42	2 37
T 19	0 31	20 33	2 10	1 10	1 16	10 48	5 4	22 49	0 2	16 17	0 38	5 4	2 6	14 33	0 39	8 36	1 18	16 58	2 56	18 25	18 45	4 23	15 42	2 37
W20	0 7	19 55	1 3	2 1	1 8	10 45	4 56	22 47	0 3	16 19	0 38	5 7	2 6	14 32	0 39	8 36	1 18	16 58	2 56	18 25	18 45	4 25	15 43	2 36
T 21	0n16	18 8	0n 9	2 52	1 0	10 41	4 48	22 45	0 4	16 20	0 38	5 9	2 6	14 31	0 39	8 37	1 18	16 58	2 56	18 25	18 46	4 27	15 44	2 36
F 22	0 40	15 13	1 23	3 44	0 51	10 37	4 40	22 43	0 5	16 21	0 38	5 12	2 6	14 30	0 39	8 38	1 18	16 59	2 56	18 25	18 47	4 29	15 44	2 36
S 23	1 4	11 16	2 34	4 36	0 41	10 32	4 32	22 41	0 6	16 22	0 38	5 15	2 6	14 29	0 39	8 39	1 18	16 59	2 56	18 26	18 48	4 32	15 45	2 36
S 24	1 28	6 32	3 37	5 28	0 31	10 27	4 24	22 38	0 7	16 23	0 38	5 17	2 6	14 28	0 39	8 40	1 18	16 59	2 56	18 27	18 49	4 34	15 46	2 36
M25	1 52	1 18	4 25	6 20	0 20	10 21	4 16	22 36	0 8	16 24	0 38	5 20	2 6	14 27	0 39	8 40	1 18	17 0	2 56	18 29	18 49	4 36	15 47	2 36
T 26	2 15	4s 2	4 55	7 11	0 9	10 15	4 7	22 33	0 9	16 25	0 38	5 23	2 6	14 26	0 39	8 41	1 18	17 0	2 56	18 32	18 50	4 38	15 47	2 36
W27	2 39	9 5	5 4	8 2	0n 2	10 8	3 59	22 30	0 11	16 26	0 38	5 26	2 6	14 25	0 39	8 42	1 18	17 0	2 56	18 34	18 51	4 41	15 48	2 36
T 28	3 2	13 31	4 52	8 52	0 15	10 1	3 51	22 28	0 12	16 27	0 38	5 28	2 5	14 24	0 39	8 43	1 18	17 0	2 56	18 36	18 52	4 43	15 49	2 36
F 29	3 26	17 0	4 21	9 41	0 27	9 53	3 43	22 25	0 13	16 28	0 38	5 31	2 5	14 24	0 39	8 43	1 18	17 1	2 56	18 37	18 52	4 45	15 50	2 36
S 30	3 49	19 22	3 34	10 28	0 40	9 45	3 35	22 21	0 14	16 28	0 38	5 34	2 5	14 23	0 39	8 44	1 18	17 1	2 56	18 38	18 53	4 47	15 50	2 36
S 31	4n13	20s31	2n37	11n15	0n53	9s36	3n27	22s18	0s15	16n29	0n38	5n37	2s 5	14s22	0s39	8n45	1s18	17n 1	2n56	18n39	18n54	4n50	15n51	2s36

Julian Day Number = 3063385.5, Delta T = 02h32m42s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'31, Lahiri = 47°20'32

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

APRIL 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 40 41	11♈44'26	18♉ 8	28♈48	26♒26	18♉22	16°R 1	19♈35	22♒58	26♈ 4	21°R23	5°D50	4♌44	25♈ 1	23♉ 7	M 1
T 2	12 44 38	12°44'32	1♒ 1	0♉14	27°17	18°56	16♌ 0	19°42	23° 1	26° 6	21♌22	5°R50	4°40	25° 7	23°10	T 2
W 3	12 48 34	13°44'37	13°36	1°33	28° 8	19°30	15°58	19°50	23° 4	26° 8	21°22	5♌50	4°37	25°14	23°13	W 3
T 4	12 52 31	14°44'40	25°56	2°47	29° 0	20° 4	15°57	19°57	23° 6	26°10	21°21	5°48	4°34	25°21	23°17	T 4
F 5	12 56 27	15°44'42	8♓ 5	3°55	29°53	20°38	15°55	20° 4	23° 9	26°13	21°20	5°44	4°31	25°28	23°20	F 5
S 6	13 0 24	16°44'41	20° 7	4°55	0♓46	21°12	15°54	20°12	23°11	26°15	21°20	5°36	4°28	25°34	23°23	S 6
S 7	13 4 21	17°44'40	2♈ 4	5°48	1°40	21°46	15°54	20°19	23°13	26°17	21°19	5°26	4°24	25°41	23°26	S 7
M 8	13 8 17	18°44'36	13°58	6°33	2°34	22°20	15°53	20°26	23°16	26°19	21°18	5°13	4°21	25°48	23°30	M 8
T 9	13 12 14	19°44'31	25°51	7°10	3°29	22°53	15°53	20°34	23°18	26°22	21°18	5° 0	4°18	25°54	23°33	T 9
W10	13 16 10	20°44'23	7♉43	7°39	4°25	23°27	15°52	20°41	23°21	26°24	21°17	4°45	4°15	26° 1	23°36	W10
T 11	13 20 7	21°44'14	19°36	7°59	5°21	24° 0	15°D52	20°48	23°23	26°26	21°17	4°32	4°12	26° 8	23°40	T 11
F 12	13 24 3	22°44'03	1♊31	8°11	6°18	24°34	15°53	20°56	23°25	26°28	21°16	4°21	4° 9	26°15	23°43	F 12
S 13	13 28 0	23°43'50	13°32	8°R15	7°15	25° 7	15°53	21° 3	23°27	26°31	21°16	4°12	4° 5	26°21	23°47	S 13
S 14	13 31 56	24°43'35	25°42	8°10	8°12	25°40	15°53	21°11	23°29	26°33	21°15	4° 6	4° 2	26°28	23°50	S 14
M15	13 35 53	25°43'18	8♋ 3	7°57	9°10	26°13	15°54	21°18	23°31	26°35	21°15	4° 3	3°59	26°35	23°54	M15
T 16	13 39 49	26°42'58	20°40	7°37	10° 9	26°46	15°55	21°25	23°34	26°38	21°14	4° 2	3°56	26°41	23°57	T 16
W17	13 43 46	27°42'37	3♌38	7°10	11° 8	27°19	15°56	21°33	23°36	26°40	21°14	4° 2	3°53	26°48	24° 1	W17
T 18	13 47 43	28°42'13	17° 1	6°36	12° 7	27°52	15°58	21°40	23°38	26°42	21°13	4° 2	3°50	26°55	24° 4	T 18
F 19	13 51 39	29°41'47	0♍52	5°57	13° 6	28°24	15°59	21°47	23°39	26°44	21°13	4° 0	3°46	27° 2	24° 8	F 19
S 20	13 55 36	0♉41'18	15°11	5°13	14° 6	28°57	16° 1	21°55	23°41	26°47	21°13	3°56	3°43	27° 8	24°12	S 20
S 21	13 59 32	1°40'48	29°58	4°26	15° 7	29°29	16° 3	22° 2	23°43	26°49	21°12	3°49	3°40	27°15	24°15	S 21
M22	14 3 29	2°40'15	15♎ 6	3°36	16° 8	0♒ 2	16° 5	22° 9	23°45	26°51	21°12	3°39	3°37	27°22	24°19	M22
T 23	14 7 25	3°39'40	0♏26	2°45	17° 9	0°34	16° 7	22°17	23°47	26°53	21°12	3°28	3°34	27°29	24°22	T 23
W24	14 11 22	4°39'04	15°47	1°54	18°10	1° 6	16°10	22°24	23°48	26°56	21°11	3°17	3°30	27°35	24°26	W24
T 25	14 15 18	5°38'25	0♐56	1° 3	19°12	1°38	16°12	22°31	23°50	26°58	21°11	3° 7	3°27	27°42	24°30	T 25
F 26	14 19 15	6°37'45	15°45	0°13	20°14	2°10	16°15	22°38	23°52	27° 0	21°11	2°59	3°24	27°49	24°34	F 26
S 27	14 23 12	7°37'03	0♑ 6	29♈26	21°16	2°41	16°18	22°46	23°53	27° 3	21°11	2°53	3°21	27°55	24°37	S 27
S 28	14 27 8	8°36'20	13°58	28°43	22°19	3°13	16°21	22°53	23°55	27° 5	21°11	2°50	3°18	28° 2	24°41	S 28
M29	14 31 5	9°35'34	27°20	28° 3	23°22	3°44	16°25	23° 0	23°56	27° 7	21°11	2°49	3°15	28° 9	24°45	M29
T 30	14 35 1	10♉34'47	10♒16	27♈28	24♓25	4♒15	16♌28	23♈ 7	23♒58	27♈ 9	21♌10	2♌49	3♌11	28♈16	24♉49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n36	20s28	1n33	11n59	1n 6	9s27	3n20	22s15	0s16	16n30	0n38	5n39	2s 5	14s21	0s39	8n46	1s18	17n 2	2n56	18n39	18n55	4n52	15n52	2s36
T 2	4 59	19 20	0 26	12 41	1 19	9 18	3 12	22 11	0 18	16 30	0 38	5 42	2 5	14 20	0 39	8 47	1 18	17 2	2 56	18 39	18 55	4 54	15 53	2 36
W 3	5 23	17 15	0s41	13 21	1 33	9 8	3 4	22 8	0 19	16 31	0 38	5 45	2 5	14 19	0 39	8 47	1 18	17 2	2 56	18 39	18 56	4 56	15 53	2 36
T 4	5 46	14 24	1 45	13 59	1 46	8 57	2 56	22 4	0 20	16 31	0 38	5 48	2 5	14 19	0 39	8 48	1 18	17 2	2 56	18 39	18 57	4 59	15 54	2 36
F 5	6 9	10 58	2 42	14 34	1 58	8 47	2 49	22 0	0 21	16 31	0 38	5 50	2 5	14 18	0 39	8 49	1 18	17 2	2 56	18 40	18 58	5 1	15 55	2 36
S 6	6 31	7 8	3 32	15 6	2 10	8 35	2 41	21 56	0 23	16 32	0 38	5 53	2 5	14 17	0 39	8 50	1 18	17 3	2 56	18 42	18 58	5 3	15 56	2 36
S 7	6 54	3 2	4 12	15 34	2 22	8 23	2 34	21 52	0 24	16 32	0 38	5 56	2 5	14 16	0 39	8 51	1 18	17 3	2 56	18 44	18 59	5 5	15 57	2 36
M 8	7 17	1n 9	4 40	16 0	2 33	8 11	2 26	21 48	0 25	16 32	0 38	5 58	2 5	14 16	0 39	8 51	1 18	17 3	2 56	18 47	19 0	5 8	15 57	2 36
T 9	7 39	5 17	4 56	16 21	2 43	7 59	2 19	21 44	0 26	16 32	0 38	6 1	2 5	14 15	0 39	8 52	1 18	17 3	2 56	18 51	19 1	5 10	15 58	2 36
W10	8 2	9 13	5 0	16 39	2 53	7 46	2 11	21 40	0 28	16 32	0 38	6 4	2 6	14 14	0 39	8 53	1 18	17 4	2 56	18 54	19 1	5 12	15 59	2 36
T 11	8 24	12 49	4 50	16 54	3 1	7 32	2 4	21 35	0 29	16 32	0 38	6 7	2 6	14 13	0 39	8 54	1 18	17 4	2 56	18 57	19 2	5 15	16 0	2 36
F 12	8 46	15 54	4 28	17 4	3 7	7 18	1 57	21 31	0 31	16 32	0 38	6 9	2 6	14 13	0 39	8 55	1 18	17 4	2 56	19 0	19 3	5 17	16 1	2 36
S 13	9 8	18 22	3 53	17 10	3 13	7 4	1 50	21 26	0 32	16 32	0 38	6 12	2 6	14 12	0 39	8 56	1 18	17 4	2 56	19 2	19 4	5 19	16 2	2 36
S 14	9 30	20 2	3 8	17 12	3 17	6 49	1 43	21 22	0 33	16 32	0 38	6 15	2 6	14 11	0 39	8 56	1 18	17 4	2 56	19 3	19 4	5 21	16 2	2 36
M15	9 51	20 46	2 13	17 10	3 19	6 34	1 36	21 17	0 35	16 32	0 38	6 17	2 6	14 11	0 39	8 57	1 18	17 4	2 56	19 4	19 5	5 24	16 3	2 36
T 16	10 13	20 30	1 10	17 5	3 20	6 19	1 29	21 12	0 36	16 31	0 38	6 20	2 6	14 10	0 39	8 58	1 18	17 4	2 56	19 4	19 6	5 26	16 4	2 36
W17	10 34	19 8	0 2	16 55	3 19	6 3	1 23	21 7	0 38	16 31	0 38	6 23	2 6	14 9	0 39	8 59	1 18	17 5	2 56	19 4	19 7	5 28	16 5	2 36
T 18	10 55	16 41	1n 8	16 41	3 16	5 47	1 16	21 2	0 39	16 31	0 38	6 25	2 6	14 9	0 40	9 0	1 18	17 5	2 56	19 4	19 7	5 30	16 6	2 36
F 19	11 16	13 12	2 17	16 23	3 11	5 30	1 9	20 57	0 41	16 30	0 38	6 28	2 6	14 8	0 40	9 0	1 18	17 5	2 56	19 5	19 8	5 33	16 7	2 36
S 20	11 37	8 51	3 19	16 3	3 5	5 14	1 3	20 52	0 42	16 30	0 38	6 31	2 6	14 8	0 40	9 1	1 18	17 5	2 56	19 6	19 9	5 35	16 8	2 36
S 21	11 57	3 50	4 10	15 39	2 56	4 56	0 57	20 47	0 44	16 29	0 38	6 33	2 6	14 7	0 40	9 2	1 18	17 5	2 56	19 7	19 9	5 37	16 8	2 36
M22	12 17	1s31	4 45	15 13	2 46	4 39	0 50	20 42	0 45	16 28	0 38	6 36	2 6	14 6	0 40	9 3	1 18	17 5	2 56	19 10	19 10	5 39	16 9	2 36
T 23	12 37	6 50	5 0	14 45	2 35	4 21	0 44	20 37	0 47	16 28	0 38	6 39	2 6	14 6	0 40	9 4	1 18	17 5	2 56	19 12	19 11	5 42	16 10	2 36
W24	12 57	11 44	4 53	14 15	2 22	4 3	0 38	20 31	0 49	16 27	0 38	6 41	2 6	14 5	0 40	9 4	1 18	17 5	2 56	19 15	19 12	5 44	16 11	2 36
T 25	13 17	15 49	4 26	13 45	2 9	3 45	0 32	20 26	0 50	16 26	0 38	6 44	2 6	14 5	0 40	9 5	1 18	17 5	2 56	19 17	19 12	5 46	16 12	2 36
F 26	13 36	18 48	3 41	13 14	1 54	3 26	0 26	20 21	0 52	16 25	0 38	6 46	2 6	14 4	0 40	9 6	1 18	17 5	2 56	19 19	19 13	5 49	16 13	2 36
S 27	13 56	20 30	2 44	12 43	1 38	3 7	0 21	20 15	0 54	16 24	0 38	6 49	2 6	14 4	0 40	9 7	1 18	17 5	2 56	19 20	19 14	5 51	16 14	2 36
S 28	14 15	20 52	1 38	12 12	1 22	2 48	0 15	20 10	0 55	16 23	0 38	6 52	2 6	14 3	0 40	9 8	1 18	17 6	2 56	19 21	19 15	5 53	16 14	2 36
M29	14 33	20 2	0 29	11 43	1 6	2 28	0 9	20 4	0 57	16 22	0 38	6 54	2 6	14 3	0 40	9 8	1 18	17 6	2 56	19 21	19 15	5 55	16 15	2 36
T 30	14n52	18s 8	0s39	11n15	0n49	2s 8	0n 4	19s58	0s59	16n21	0n37	6n57	2s 6	14s 3	0s40	9n 9	1s18	17n 6	2n56	19n21	19n16	5n58	16n16	2s36

Julian Day Number = 3063416.5, Delta T = 02h32m43s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'36, Lahiri = 47°20'36

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

MAY 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 38 58	11♉33'59	22♒50	26°R58	25♓28	4♒47	16♌32	23♈14	23♒59	27♈11	21°R10	2°R49	3♌ 8	28♈22	24♉53	W 1
T 2	14 42 54	12°33'08	5♓ 7	26♈32	26°32	5°18	16°36	23°21	24° 0	27°14	21♌10	2♌47	3° 5	28°29	24°56	T 2
F 3	14 46 51	13°32'16	17°12	26°13	27°36	5°48	16°40	23°28	24° 2	27°16	21°D10	2°43	3° 2	28°36	25° 0	F 3
S 4	14 50 47	14°31'22	29° 8	25°58	28°40	6°19	16°44	23°35	24° 3	27°18	21°10	2°36	2°59	28°42	25° 4	S 4
S 5	14 54 44	15°30'27	11♈ 1	25°49	29°45	6°49	16°48	23°42	24° 4	27°20	21°10	2°26	2°55	28°49	25° 8	S 5
M 6	14 58 41	16°29'29	22°52	25°D46	0♈49	7°20	16°53	23°50	24° 5	27°22	21°10	2°14	2°52	28°56	25°12	M 6
T 7	15 2 37	17°28'30	4♉44	25°48	1°54	7°50	16°58	23°56	24° 6	27°25	21°11	2° 1	2°49	29° 3	25°16	T 7
W 8	15 6 34	18°27'29	16°38	25°55	2°59	8°20	17° 3	24° 3	24° 7	27°27	21°11	1°47	2°46	29° 9	25°19	W 8
T 9	15 10 30	19°26'26	28°36	26° 7	4° 5	8°50	17° 8	24°10	24° 8	27°29	21°11	1°34	2°43	29°16	25°23	T 9
F 10	15 14 27	20°25'21	10♊38	26°25	5°10	9°19	17°13	24°17	24° 9	27°31	21°11	1°23	2°40	29°23	25°27	F 10
S 11	15 18 23	21°24'14	22°48	26°46	6°16	9°49	17°18	24°24	24°10	27°33	21°11	1°14	2°36	29°30	25°31	S 11
S 12	15 22 20	22°23'05	5♋ 5	27°13	7°21	10°18	17°24	24°31	24°11	27°35	21°11	1° 9	2°33	29°36	25°35	S 12
M13	15 26 16	23°21'54	17°34	27°44	8°27	10°47	17°29	24°38	24°12	27°37	21°12	1° 6	2°30	29°43	25°39	M13
T 14	15 30 13	24°20'41	0♌15	28°18	9°34	11°16	17°35	24°45	24°13	27°40	21°12	1°D 5	2°27	29°50	25°43	T 14
W15	15 34 10	25°19'26	13°14	28°57	10°40	11°44	17°41	24°51	24°13	27°42	21°12	1° 5	2°24	29°56	25°47	W15
T 16	15 38 6	26°18'09	26°33	29°40	11°46	12°13	17°47	24°58	24°14	27°44	21°12	1°R 6	2°21	0♉ 3	25°51	T 16
F 17	15 42 3	27°16'49	10♍16	0♉26	12°53	12°41	17°54	25° 5	24°15	27°46	21°13	1° 5	2°17	0°10	25°54	F 17
S 18	15 45 59	28°15'27	24°23	1°15	14° 0	13° 9	18° 0	25°11	24°15	27°48	21°13	1° 2	2°14	0°17	25°58	S 18
S 19	15 49 56	29°14'03	8♎54	2° 8	15° 6	13°37	18° 7	25°18	24°16	27°50	21°14	0°57	2°11	0°23	26° 2	S 19
M20	15 53 52	0♊12'37	23°46	3° 4	16°14	14° 4	18°14	25°24	24°16	27°52	21°14	0°50	2° 8	0°30	26° 6	M20
T 21	15 57 49	1°11'09	8♏52	4° 3	17°21	14°31	18°20	25°31	24°16	27°54	21°14	0°42	2° 5	0°37	26°10	T 21
W22	16 1 45	2° 9'39	24° 1	5° 4	18°28	14°58	18°27	25°37	24°17	27°56	21°15	0°33	2° 1	0°43	26°14	W22
T 23	16 5 42	3° 8'07	9♐ 5	6° 9	19°35	15°25	18°35	25°43	24°17	27°58	21°15	0°24	1°58	0°50	26°18	T 23
F 24	16 9 39	4° 6'34	23°53	7°16	20°43	15°52	18°42	25°50	24°17	28° 0	21°16	0°18	1°55	0°57	26°22	F 24
S 25	16 13 35	5° 4'59	8♑18	8°26	21°51	16°18	18°49	25°56	24°18	28° 2	21°16	0°14	1°52	1° 4	26°26	S 25
S 26	16 17 32	6° 3'22	22°15	9°38	22°58	16°44	18°57	26° 2	24°18	28° 3	21°17	0°12	1°49	1°10	26°29	S 26
M27	16 21 28	7° 1'44	5♒44	10°52	24° 6	17°10	19° 5	26° 9	24°18	28° 5	21°18	0°D12	1°46	1°17	26°33	M27
T 28	16 25 25	8° 0'04	18°46	12° 9	25°14	17°35	19°12	26°15	24°R18	28° 7	21°18	0°12	1°42	1°24	26°37	T 28
W29	16 29 21	8°58'23	1♓25	13°28	26°23	18° 1	19°20	26°21	24°18	28° 9	21°19	0°13	1°39	1°31	26°41	W29
T 30	16 33 18	9°56'40	13°45	14°50	27°31	18°26	19°28	26°27	24°18	28°11	21°19	0°R14	1°36	1°37	26°45	T 30
F 31	16 37 14	10♊54'56	25♓51	16♉13	28♈39	18♒50	19♌37	26♈33	24♒18	28♈13	21♌20	0♌12	1♌33	1♉44	26♉49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n10	15s25	1s44	10n48	0n33	1s48	0s 1	19s53	1s 1	16n20	0n37	6n59	2s 7	14s 2	0s40	9n10	1s18	17n 6	2n56	19n21	19n17	6n 0	16n17	2s36
T 2	15 28	12 4	2 42	10 24	0 16	1 28	0 7	19 47	1 2	16 19	0 37	7 2	2 7	14 2	0 40	9 11	1 18	17 6	2 56	19 22	19 17	6 2	16 18	2 36
F 3	15 46	8 16	3 32	10 2	0 0	1 7	0 12	19 41	1 4	16 18	0 37	7 4	2 7	14 1	0 40	9 11	1 18	17 6	2 56	19 22	19 18	6 4	16 19	2 36
S 4	16 3	4 11	4 11	9 42	0s15	0 47	0 17	19 36	1 6	16 16	0 37	7 7	2 7	14 1	0 40	9 12	1 18	17 6	2 56	19 24	19 19	6 7	16 20	2 36
S 5	16 20	0n 1	4 40	9 25	0 30	0 26	0 22	19 30	1 8	16 15	0 37	7 9	2 7	14 1	0 40	9 13	1 18	17 6	2 56	19 26	19 20	6 9	16 20	2 37
M 6	16 37	4 13	4 56	9 10	0 45	0 5	0 26	19 24	1 10	16 14	0 37	7 12	2 7	14 0	0 40	9 14	1 18	17 6	2 56	19 29	19 20	6 11	16 21	2 37
T 7	16 54	8 16	5 0	8 58	0 59	0n16	0 31	19 18	1 12	16 12	0 37	7 14	2 7	14 0	0 40	9 14	1 18	17 5	2 56	19 32	19 21	6 13	16 22	2 37
W 8	17 10	12 0	4 51	8 48	1 12	0 38	0 36	19 12	1 14	16 11	0 37	7 17	2 7	14 0	0 40	9 15	1 18	17 5	2 56	19 35	19 22	6 16	16 23	2 37
T 9	17 26	15 18	4 28	8 41	1 25	1 0	0 40	19 7	1 16	16 9	0 37	7 19	2 7	13 59	0 40	9 16	1 18	17 5	2 56	19 38	19 23	6 18	16 24	2 37
F 10	17 42	17 59	3 54	8 36	1 36	1 21	0 44	19 1	1 18	16 8	0 37	7 21	2 7	13 59	0 40	9 17	1 18	17 5	2 56	19 40	19 23	6 20	16 25	2 37
S 11	17 57	19 54	3 8	8 34	1 47	1 43	0 49	18 55	1 20	16 6	0 37	7 24	2 8	13 59	0 40	9 17	1 18	17 5	2 56	19 42	19 24	6 23	16 26	2 37
S 12	18 12	20 54	2 13	8 33	1 58	2 5	0 53	18 49	1 22	16 4	0 37	7 26	2 8	13 59	0 40	9 18	1 18	17 5	2 56	19 43	19 25	6 25	16 26	2 37
M13	18 27	20 54	1 11	8 35	2 7	2 27	0 57	18 43	1 24	16 3	0 37	7 28	2 8	13 58	0 40	9 19	1 18	17 5	2 56	19 44	19 25	6 27	16 27	2 37
T 14	18 41	19 50	0 4	8 39	2 16	2 49	1 1	18 38	1 26	16 1	0 37	7 31	2 8	13 58	0 41	9 20	1 18	17 5	2 56	19 44	19 26	6 29	16 28	2 37
W15	18 55	17 43	1n 4	8 45	2 24	3 12	1 5	18 32	1 29	15 59	0 37	7 33	2 8	13 58	0 41	9 20	1 18	17 5	2 56	19 44	19 27	6 32	16 29	2 37
T 16	19 9	14 37	2 11	8 53	2 31	3 34	1 8	18 26	1 31	15 57	0 37	7 35	2 8	13 58	0 41	9 21	1 18	17 5	2 56	19 44	19 28	6 34	16 30	2 37
F 17	19 22	10 38	3 13	9 3	2 38	3 56	1 12	18 20	1 33	15 55	0 37	7 38	2 8	13 58	0 41	9 22	1 18	17 5	2 56	19 44	19 28	6 36	16 31	2 37
S 18	19 36	5 57	4 5	9 15	2 43	4 19	1 15	18 15	1 35	15 53	0 37	7 40	2 8	13 57	0 41	9 22	1 18	17 5	2 56	19 45	19 29	6 38	16 31	2 37
S 19	19 48	0 50	4 42	9 28	2 49	4 41	1 19	18 9	1 38	15 51	0 37	7 42	2 8	13 57	0 41	9 23	1 18	17 4	2 56	19 46	19 30	6 41	16 32	2 37
M20	20 1	4s28	5 2	9 42	2 53	5 4	1 22	18 3	1 40	15 49	0 37	7 44	2 9	13 57	0 41	9 24	1 18	17 4	2 56	19 47	19 30	6 43	16 33	2 38
T 21	20 13	9 34	5 1	9 59	2 57	5 27	1 25	17 58	1 42	15 47	0 37	7 47	2 9	13 57	0 41	9 24	1 19	17 4	2 56	19 49	19 31	6 45	16 34	2 38
W22	20 24	14 5	4 39	10 16	3 0	5 49	1 28	17 52	1 45	15 45	0 37	7 49	2 9	13 57	0 41	9 25	1 19	17 4	2 56	19 51	19 32	6 47	16 35	2 38
T 23	20 36	17 41	3 58	10 35	3 2	6 12	1 31	17 46	1 47	15 43	0 37	7 51	2 9	13 57	0 41	9 26	1 19	17 4	2 56	19 53	19 32	6 50	16 35	2 38
F 24	20 47	20 4	3 2	10 55	3 4	6 34	1 33	17 41	1 50	15 40	0 37	7 53	2 9	13 57	0 41	9 26	1 19	17 4	2 56	19 54	19 33	6 52	16 36	2 38
S 25	20 57	21 4	1 55	11 16	3 5	6 57	1 36	17 35	1 52	15 38	0 37	7 55	2 9	13 57	0 41	9 27	1 19	17 3	2 56	19 55	19 34	6 54	16 37	2 38
S 26	21 7	20 42	0 42	11 38	3 5	7 19	1 39	17 30	1 55	15 36	0 37	7 57	2 9	13 57	0 41	9 28	1 19	17 3	2 56	19 56	19 35	6 57	16 38	2 38
M27	21 17	19 9	0s30	12 1	3 5	7 42	1 41	17 25	1 57	15 33	0 37	7 59	2 10	13 57	0 41	9 28	1 19	17 3	2 56	19 56	19 35	6 59	16 39	2 38
T 28	21 27	16 37	1 38	12 25	3 4	8 4	1 43	17 20	2 0	15 31	0 37	8 1	2 10	13 57	0 41	9 29	1 19	17 3	2 56	19 55	19 36	7 1	16 39	2 38
W29	21 36	13 22	2 40	12 50	3 3	8 27	1 46	17 14	2 3	15 28	0 37	8 3	2 10	13 57	0 41	9 30	1 19	17 3	2 56	19 55	19 37	7 3	16 40	2 38
T 30	21 44	9 36	3 32	13 15	3 1	8 49	1 48	17 9	2 5	15 26	0 37	8 5	2 10	13 57	0 41	9 30	1 19	17 2	2 56	19 55	19 37	7 6	16 41	2 38
F 31	21n53	5s32	4s14	13n41	2s59	9n11	1s50	17s 4	2s 8	15n23	0n37	8n 7	2s10	13s57	0s41	9n31	1s19	17n 2	2n56	19n55	19n38	7n 8	16n42	2s39

Julian Day Number = 3063446.5, Delta T = 02h32m44s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'40, Lahiri = 47°20'40

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

JUNE 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 41 11	11♊53'10	7♈48	17♉39	29♈48	19♒14	19♌45	26♈39	24°R17	28♈14	21♌21	0°R 9	1♌30	1♉51	26♉52	S 1
S 2	16 45 8	12°51'23	19°40	19° 7	0♉56	19°38	19°53	26°45	24♒17	28°16	21°21	0♌ 4	1°27	1°57	26°56	S 2
M 3	16 49 4	13°49'35	1♉31	20°37	2° 5	20° 2	20° 2	26°50	24°17	28°18	21°22	29♋57	1°23	2° 4	27° 0	M 3
T 4	16 53 1	14°47'45	13°25	22° 8	3°14	20°25	20°11	26°56	24°17	28°20	21°23	29°49	1°20	2°11	27° 4	T 4
W 5	16 56 57	15°45'54	25°23	23°42	4°23	20°48	20°19	27° 2	24°16	28°21	21°24	29°40	1°17	2°18	27° 7	W 5
T 6	17 0 54	16°44'01	7♊28	25°18	5°31	21°11	20°28	27° 8	24°16	28°23	21°25	29°32	1°14	2°24	27°11	T 6
F 7	17 4 50	17°42'07	19°41	26°57	6°40	21°33	20°37	27°13	24°15	28°25	21°25	29°25	1°11	2°31	27°15	F 7
S 8	17 8 47	18°40'12	2♋ 3	28°37	7°50	21°55	20°46	27°19	24°15	28°26	21°26	29°20	1° 7	2°38	27°19	S 8
S 9	17 12 43	19°38'15	14°36	0♊19	8°59	22°16	20°56	27°24	24°14	28°28	21°27	29°17	1° 4	2°45	27°22	S 9
M10	17 16 40	20°36'16	27°19	2° 3	10° 8	22°37	21° 5	27°30	24°14	28°29	21°28	29°D16	1° 1	2°51	27°26	M10
T 11	17 20 37	21°34'15	10♌16	3°49	11°17	22°58	21°15	27°35	24°13	28°31	21°29	29°17	0°58	2°58	27°30	T 11
W12	17 24 33	22°32'13	23°26	5°37	12°27	23°18	21°24	27°40	24°12	28°32	21°30	29°18	0°55	3° 5	27°33	W12
T 13	17 28 30	23°30'09	6♍52	7°28	13°36	23°38	21°34	27°45	24°12	28°34	21°31	29°20	0°52	3°11	27°37	T 13
F 14	17 32 26	24°28'03	20°35	9°20	14°46	23°58	21°43	27°51	24°11	28°35	21°32	29°R21	0°48	3°18	27°40	F 14
S 15	17 36 23	25°25'56	4♎36	11°14	15°55	24°16	21°53	27°56	24°10	28°37	21°33	29°20	0°45	3°25	27°44	S 15
S 16	17 40 19	26°23'47	18°54	13°11	17° 5	24°35	22° 3	28° 1	24° 9	28°38	21°34	29°19	0°42	3°32	27°48	S 16
M17	17 44 16	27°21'36	3♏26	15° 9	18°15	24°53	22°13	28° 5	24° 8	28°40	21°35	29°16	0°39	3°38	27°51	M17
T 18	17 48 12	28°19'24	18° 8	17° 9	19°24	25°11	22°23	28°10	24° 7	28°41	21°36	29°12	0°36	3°45	27°55	T 18
W19	17 52 9	29°17'10	2♐54	19°11	20°34	25°28	22°34	28°15	24° 6	28°42	21°37	29° 7	0°33	3°52	27°58	W19
T 20	17 56 6	0♋14'55	17°36	21°15	21°44	25°45	22°44	28°20	24° 5	28°44	21°38	29° 3	0°29	3°58	28° 2	T 20
F 21	18 0 2	1°12'39	2♑ 8	23°20	22°54	26° 1	22°54	28°24	24° 4	28°45	21°39	29° 0	0°26	4° 5	28° 5	F 21
S 22	18 3 59	2°10'21	16°22	25°28	24° 4	26°16	23° 5	28°29	24° 3	28°46	21°41	28°58	0°23	4°12	28° 8	S 22
S 23	18 7 55	3° 8'03	0♒14	27°36	25°14	26°32	23°15	28°34	24° 2	28°48	21°42	28°D58	0°20	4°19	28°12	S 23
M24	18 11 52	4° 5'43	13°42	29°46	26°24	26°46	23°26	28°38	24° 0	28°49	21°43	28°59	0°17	4°25	28°15	M24
T 25	18 15 48	5° 3'22	26°47	1♋56	27°34	27° 0	23°37	28°42	23°59	28°50	21°44	29° 0	0°13	4°32	28°18	T 25
W26	18 19 45	6° 1'00	9♓30	4° 8	28°45	27°14	23°48	28°47	23°58	28°51	21°45	29° 2	0°10	4°39	28°22	W26
T 27	18 23 42	6°58'38	21°54	6°20	29°55	27°27	23°59	28°51	23°56	28°52	21°46	29° 3	0° 7	4°46	28°25	T 27
F 28	18 27 38	7°56'14	4♈ 3	8°32	1♊ 5	27°39	24°10	28°55	23°55	28°53	21°48	29°R 4	0° 4	4°52	28°28	F 28
S 29	18 31 35	8°53'50	16° 2	10°45	2°16	27°51	24°21	28°59	23°54	28°54	21°49	29° 3	0° 1	4°59	28°31	S 29
S 30	18 35 31	9♋51'25	27♈56	12♋57	3♊26	28♒ 2	24♌32	29♈ 3	23♒52	28♈55	21♌50	29♋ 2	29♋58	5♉ 6	28♉35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	1s18	4s45	14n 8	2s56	9n33	1s52	16s59	2s11	15n21	0n37	8n 9	2s10	13s57	0s41	9n31	1s19	17n 2	2n56	19n56	19n39	7n10	16n42	2s39
S 2	22 8	2n57	5 2	14 35	2 52	9 55	1 53	16 54	2 13	15 18	0 37	8 11	2 11	13 57	0 41	9 32	1 19	17 2	2 56	19 57	19 39	7 12	16 43	2 39
M 3	22 15	7 5	5 7	15 3	2 48	10 17	1 55	16 50	2 16	15 15	0 37	8 13	2 11	13 58	0 41	9 33	1 19	17 2	2 56	19 59	19 40	7 15	16 44	2 39
T 4	22 22	10 58	4 59	15 31	2 43	10 39	1 56	16 45	2 19	15 13	0 37	8 15	2 11	13 58	0 41	9 33	1 19	17 1	2 56	20 0	19 41	7 17	16 45	2 39
W 5	22 28	14 26	4 37	15 59	2 38	11 1	1 58	16 41	2 22	15 10	0 37	8 17	2 11	13 58	0 41	9 34	1 19	17 1	2 56	20 2	19 42	7 19	16 45	2 39
T 6	22 34	17 21	4 3	16 27	2 32	11 22	1 59	16 36	2 25	15 7	0 37	8 19	2 11	13 58	0 41	9 34	1 19	17 1	2 56	20 4	19 42	7 21	16 46	2 39
F 7	22 40	19 32	3 18	16 56	2 26	11 43	2 0	16 32	2 28	15 4	0 37	8 21	2 11	13 58	0 41	9 35	1 19	17 0	2 56	20 5	19 43	7 24	16 47	2 39
S 8	22 45	20 50	2 22	17 24	2 19	12 4	2 2	16 28	2 31	15 1	0 37	8 22	2 12	13 58	0 42	9 35	1 19	17 0	2 56	20 6	19 44	7 26	16 47	2 40
S 9	22 49	21 7	1 19	17 53	2 12	12 25	2 3	16 24	2 34	14 58	0 37	8 24	2 12	13 59	0 42	9 36	1 19	17 0	2 56	20 7	19 44	7 28	16 48	2 40
M10	22 54	20 20	0 11	18 21	2 5	12 46	2 3	16 20	2 37	14 55	0 37	8 26	2 12	13 59	0 42	9 36	1 19	17 0	2 56	20 7	19 45	7 31	16 49	2 40
T 11	22 57	18 28	0n59	18 49	1 57	13 7	2 4	16 16	2 40	14 52	0 37	8 28	2 12	13 59	0 42	9 37	1 19	16 59	2 56	20 7	19 46	7 33	16 49	2 40
W12	23 1	15 36	2 8	19 16	1 48	13 27	2 5	16 12	2 44	14 49	0 37	8 29	2 12	13 59	0 42	9 37	1 19	16 59	2 56	20 7	19 46	7 35	16 50	2 40
T 13	23 4	11 52	3 10	19 43	1 39	13 47	2 6	16 9	2 47	14 46	0 37	8 31	2 13	14 0	0 42	9 38	1 19	16 59	2 56	20 6	19 47	7 37	16 51	2 40
F 14	23 6	7 26	4 4	20 10	1 30	14 7	2 6	16 6	2 50	14 43	0 37	8 32	2 13	14 0	0 42	9 38	1 19	16 58	2 56	20 6	19 48	7 40	16 51	2 40
S 15	23 9	2 32	4 44	20 35	1 21	14 26	2 6	16 2	2 53	14 40	0 37	8 34	2 13	14 0	0 42	9 39	1 19	16 58	2 56	20 6	19 48	7 42	16 52	2 41
S 16	23 10	2s36	5 7	21 0	1 11	14 45	2 7	15 59	2 57	14 37	0 37	8 36	2 13	14 1	0 42	9 39	1 19	16 58	2 56	20 7	19 49	7 44	16 53	2 41
M17	23 12	7 40	5 11	21 24	1 1	15 4	2 7	15 56	3 0	14 33	0 37	8 37	2 13	14 1	0 42	9 40	1 19	16 57	2 56	20 7	19 50	7 46	16 53	2 41
T 18	23 13	12 20	4 55	21 46	0 51	15 23	2 7	15 54	3 4	14 30	0 37	8 39	2 14	14 1	0 42	9 40	1 20	16 57	2 56	20 8	19 50	7 49	16 54	2 41
W19	23 13	16 18	4 20	22 7	0 40	15 41	2 7	15 51	3 7	14 27	0 37	8 40	2 14	14 2	0 42	9 41	1 20	16 57	2 56	20 9	19 51	7 51	16 55	2 41
T 20	23 13	19 13	3 27	22 27	0 29	15 59	2 7	15 49	3 11	14 24	0 37	8 42	2 14	14 2	0 42	9 41	1 20	16 56	2 56	20 10	19 52	7 53	16 55	2 41
F 21	23 13	20 51	2 22	22 45	0 19	16 17	2 7	15 47	3 14	14 20	0 37	8 43	2 14	14 2	0 42	9 41	1 20	16 56	2 56	20 10	19 52	7 55	16 56	2 41
S 22	23 12	21 6	1 9	23 1	0 8	16 34	2 6	15 45	3 18	14 17	0 37	8 44	2 14	14 3	0 42	9 42	1 20	16 56	2 56	20 11	19 53	7 58	16 56	2 42
S 23	23 11	20 2	0s 7	23 15	0n 3	16 51	2 6	15 43	3 22	14 13	0 37	8 46	2 15	14 3	0 42	9 42	1 20	16 55	2 56	20 11	19 54	8 0	16 57	2 42
M24	23 10	17 50	1 20	23 26	0 13	17 8	2 6	15 42	3 25	14 10	0 37	8 47	2 15	14 4	0 42	9 43	1 20	16 55	2 56	20 11	19 54	8 2	16 57	2 42
T 25	23 8	14 47	2 27	23 36	0 23	17 24	2 5	15 40	3 29	14 6	0 37	8 48	2 15	14 4	0 42	9 43	1 20	16 55	2 56	20 10	19 55	8 4	16 58	2 42
W26	23 5	11 6	3 25	23 43	0 33	17 40	2 4	15 39	3 33	14 3	0 37	8 50	2 15	14 5	0 42	9 43	1 20	16 54	2 56	20 10	19 56	8 7	16 59	2 42
T 27	23 2	7 2	4 11	23 48	0 43	17 56	2 4	15 38	3 36	13 59	0 37	8 51	2 16	14 5	0 42	9 44	1 20	16 54	2 56	20 10	19 57	8 9	16 59	2 42
F 28	22 59	2 47	4 46	23 50	0 53	18 11	2 3	15 38	3 40	13 56	0 37	8 52	2 16	14 6	0 42	9 44	1 20	16 53	2 56	20 10	19 57	8 11	17 0	2 43
S 29	22 56	1n31	5 7	23 49	1 2	18 26	2 2	15 37	3 44	13 52	0 37	8 53	2 16	14 6	0 42	9 44	1 20	16 53	2 56	20 10	19 58	8 13	17 0	2 43
S 30	22n52	5n44	5s15	23n46	1n10	18n40	2s 1	15s37	3s48	13n48	0n37	8n55	2s16	14s 7	0s42	9n45	1s20	16n53	2n56	20n10	19n59	8n16	17n 1	2s43

Julian Day Number = 3063477.5, Delta T = 02h32m44s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'44, Lahiri = 47°20'45

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

JULY 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 39 28	10♋49'00	9♉48	15♋ 8	4♊37	28♒13	24♌43	29♈ 7	23°R51	28♈56	21♌52	29°R 1	29♋54	5♉12	28♉38	M 1
T 2	18 43 24	11°46'33	21°44	17°19	5°47	28°23	24°54	29°10	23♒49	28°57	21°53	28♋58	29°51	5°19	28°41	T 2
W 3	18 47 21	12°44'06	3♊46	19°29	6°58	28°32	25° 6	29°14	23°47	28°58	21°54	28°56	29°48	5°26	28°44	W 3
T 4	18 51 17	13°41'38	15°58	21°37	8° 9	28°40	25°17	29°18	23°46	28°59	21°56	28°53	29°45	5°33	28°47	T 4
F 5	18 55 14	14°39'10	28°22	23°44	9°20	28°48	25°29	29°21	23°44	29° 0	21°57	28°52	29°42	5°39	28°50	F 5
S 6	18 59 11	15°36'41	10♋59	25°49	10°30	28°56	25°40	29°25	23°42	29° 1	21°58	28°50	29°39	5°46	28°53	S 6
S 7	19 3 7	16°34'11	23°50	27°52	11°41	29° 2	25°52	29°28	23°41	29° 2	22° 0	28°D50	29°35	5°53	28°56	S 7
M 8	19 7 4	17°31'40	6♌55	29°54	12°52	29° 8	26° 3	29°31	23°39	29° 3	22° 1	28°50	29°32	6° 0	28°59	M 8
T 9	19 11 0	18°29'08	20°13	1♌53	14° 3	29°13	26°15	29°35	23°37	29° 3	22° 2	28°50	29°29	6° 6	29° 2	T 9
W10	19 14 57	19°26'35	3♍45	3°50	15°14	29°18	26°27	29°38	23°35	29° 4	22° 4	28°51	29°26	6°13	29° 4	W10
T 11	19 18 53	20°24'01	17°29	5°45	16°25	29°21	26°39	29°41	23°33	29° 5	22° 5	28°52	29°23	6°20	29° 7	T 11
F 12	19 22 50	21°21'27	1♎24	7°38	17°36	29°24	26°51	29°44	23°32	29° 5	22° 7	28°53	29°19	6°26	29°10	F 12
S 13	19 26 46	22°18'51	15°28	9°28	18°47	29°27	27° 3	29°46	23°30	29° 6	22° 8	28°53	29°16	6°33	29°13	S 13
S 14	19 30 43	23°16'14	29°41	11°16	19°58	29°28	27°15	29°49	23°28	29° 7	22°10	28°R53	29°13	6°40	29°15	S 14
M15	19 34 40	24°13'37	13♏59	13° 2	21° 9	29°29	27°27	29°52	23°26	29° 7	22°11	28°53	29°10	6°47	29°18	M15
T 16	19 38 36	25°10'59	28°20	14°45	22°20	29°R29	27°39	29°54	23°24	29° 8	22°13	28°52	29° 7	6°53	29°20	T 16
W17	19 42 33	26° 8'20	12♐39	16°26	23°32	29°28	27°51	29°57	23°22	29° 8	22°14	28°52	29° 4	7° 0	29°23	W17
T 18	19 46 29	27° 5'40	26°53	18° 4	24°43	29°27	28° 3	29°59	23°20	29° 9	22°16	28°52	29° 0	7° 7	29°25	T 18
F 19	19 50 26	28° 3'00	10♑59	19°40	25°54	29°25	28°16	0♉ 1	23°17	29° 9	22°17	28°52	28°57	7°13	29°28	F 19
S 20	19 54 22	29° 0'19	24°51	21°14	27° 6	29°22	28°28	0° 3	23°15	29° 9	22°19	28°52	28°54	7°20	29°30	S 20
S 21	19 58 19	29°57'38	8♒27	22°45	28°17	29°18	28°40	0° 6	23°13	29°10	22°20	28°52	28°51	7°27	29°33	S 21
M22	20 2 15	0♌54'56	21°44	24°14	29°28	29°14	28°53	0° 8	23°11	29°10	22°22	28°52	28°48	7°34	29°35	M22
T 23	20 6 12	1°52'14	4♓43	25°40	0♋40	29° 9	29° 5	0° 9	23° 9	29°10	22°23	28°51	28°45	7°40	29°37	T 23
W24	20 10 9	2°49'32	17°24	27° 3	1°51	29° 3	29°18	0°11	23° 7	29°11	22°25	28°51	28°41	7°47	29°39	W24
T 25	20 14 5	3°46'49	29°48	28°25	3° 3	28°56	29°30	0°13	23° 4	29°11	22°27	28°50	28°38	7°54	29°42	T 25
F 26	20 18 2	4°44'07	11♈59	29°43	4°15	28°49	29°43	0°14	23° 2	29°11	22°28	28°50	28°35	8° 1	29°44	F 26
S 27	20 21 58	5°41'25	23°59	0♍59	5°26	28°41	29°56	0°16	23° 0	29°11	22°30	28°49	28°32	8° 7	29°46	S 27
S 28	20 25 55	6°38'42	5♉54	2°12	6°38	28°32	0♍ 8	0°17	22°58	29°11	22°31	28°D49	28°29	8°14	29°48	S 28
M29	20 29 51	7°36'00	17°47	3°23	7°50	28°22	0°21	0°19	22°55	29°12	22°33	28°49	28°25	8°21	29°50	M29
T 30	20 33 48	8°33'18	29°44	4°30	9° 1	28°12	0°34	0°20	22°53	29°12	22°35	28°50	28°22	8°27	29°52	T 30
W31	20 37 44	9♌30'36	11♊49	5♍35	10♋13	28♒ 1	0♍46	0♉21	22♒51	29♈12	22♌36	28♋51	28♋19	8♉34	29♉54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n47	9n43	5s 9	23n40	1n18	18n54	2s 0	15s37	3s52	13n45	0n37	8n56	2s16	14s 7	0s42	9n45	1s20	16n52	2n56	20n10	19n59	8n18	17n 1	2s43
T 2	22 42	13 21	4 51	23 31	1 25	19 7	1 59	15 37	3 56	13 41	0 37	8 57	2 17	14 8	0 42	9 45	1 20	16 52	2 56	20 11	20 0	8 20	17 2	2 43
W 3	22 37	16 28	4 19	23 20	1 31	19 20	1 58	15 38	4 0	13 37	0 37	8 58	2 17	14 8	0 42	9 46	1 20	16 51	2 56	20 11	20 1	8 23	17 2	2 44
T 4	22 32	18 56	3 35	23 6	1 37	19 33	1 57	15 39	4 4	13 33	0 37	8 59	2 17	14 9	0 42	9 46	1 20	16 51	2 56	20 12	20 1	8 25	17 3	2 44
F 5	22 26	20 32	2 40	22 50	1 42	19 45	1 55	15 40	4 8	13 29	0 37	9 0	2 17	14 9	0 42	9 46	1 20	16 51	2 56	20 12	20 2	8 27	17 3	2 44
S 6	22 19	21 10	1 37	22 32	1 47	19 57	1 54	15 41	4 12	13 26	0 37	9 1	2 18	14 10	0 42	9 46	1 20	16 50	2 56	20 12	20 2	8 29	17 3	2 44
S 7	22 12	20 41	0 28	22 12	1 50	20 8	1 52	15 43	4 16	13 22	0 37	9 2	2 18	14 11	0 43	9 47	1 20	16 50	2 56	20 12	20 3	8 32	17 4	2 44
M 8	22 5	19 6	0n45	21 50	1 53	20 18	1 51	15 44	4 20	13 18	0 37	9 3	2 18	14 11	0 43	9 47	1 20	16 49	2 56	20 12	20 4	8 34	17 4	2 44
T 9	21 58	16 27	1 56	21 26	1 55	20 28	1 49	15 46	4 25	13 14	0 37	9 4	2 18	14 12	0 43	9 47	1 21	16 49	2 56	20 12	20 4	8 36	17 5	2 45
W10	21 50	12 52	3 1	21 0	1 56	20 38	1 47	15 49	4 29	13 10	0 37	9 4	2 19	14 12	0 43	9 47	1 21	16 48	2 56	20 12	20 5	8 38	17 5	2 45
T 11	21 41	8 33	3 58	20 33	1 57	20 47	1 46	15 51	4 33	13 6	0 37	9 5	2 19	14 13	0 43	9 47	1 21	16 48	2 56	20 12	20 6	8 41	17 6	2 45
F 12	21 33	3 45	4 41	20 4	1 56	20 56	1 44	15 54	4 37	13 2	0 37	9 6	2 19	14 14	0 43	9 48	1 21	16 48	2 56	20 12	20 6	8 43	17 6	2 45
S 13	21 24	1s17	5 8	19 34	1 55	21 4	1 42	15 57	4 41	12 58	0 37	9 7	2 19	14 14	0 43	9 48	1 21	16 47	2 56	20 12	20 7	8 45	17 6	2 45
S 14	21 14	6 19	5 17	19 3	1 53	21 11	1 40	16 1	4 45	12 54	0 37	9 7	2 20	14 15	0 43	9 48	1 21	16 47	2 56	20 12	20 8	8 47	17 7	2 46
M15	21 4	11 1	5 6	18 31	1 51	21 18	1 38	16 4	4 50	12 50	0 37	9 8	2 20	14 16	0 43	9 48	1 21	16 46	2 56	20 12	20 8	8 50	17 7	2 46
T 16	20 54	15 7	4 36	17 59	1 48	21 24	1 36	16 8	4 54	12 46	0 37	9 9	2 20	14 16	0 43	9 48	1 21	16 46	2 56	20 12	20 9	8 52	17 7	2 46
W17	20 44	18 19	3 49	17 25	1 44	21 30	1 34	16 12	4 58	12 41	0 37	9 9	2 20	14 17	0 43	9 48	1 21	16 45	2 56	20 12	20 10	8 54	17 8	2 46
T 18	20 33	20 23	2 48	16 51	1 39	21 35	1 32	16 17	5 2	12 37	0 37	9 10	2 21	14 18	0 43	9 48	1 21	16 45	2 56	20 12	20 10	8 56	17 8	2 46
F 19	20 22	21 9	1 38	16 16	1 34	21 40	1 30	16 21	5 6	12 33	0 37	9 10	2 21	14 18	0 43	9 49	1 21	16 44	2 56	20 12	20 11	8 59	17 8	2 47
S 20	20 10	20 36	0 22	15 41	1 28	21 44	1 27	16 26	5 10	12 29	0 37	9 11	2 21	14 19	0 43	9 49	1 21	16 44	2 56	20 12	20 12	9 1	17 9	2 47
S 21	19 59	18 50	0s53	15 6	1 22	21 48	1 25	16 31	5 14	12 25	0 37	9 11	2 21	14 20	0 43	9 49	1 21	16 43	2 56	20 12	20 12	9 3	17 9	2 47
M22	19 46	16 5	2 3	14 30	1 15	21 50	1 23	16 37	5 18	12 20	0 37	9 12	2 22	14 21	0 43	9 49	1 21	16 43	2 56	20 12	20 13	9 5	17 9	2 47
T 23	19 34	12 35	3 6	13 54	1 7	21 53	1 20	16 42	5 22	12 16	0 37	9 12	2 22	14 21	0 43	9 49	1 21	16 42	2 57	20 12	20 14	9 8	17 9	2 48
W24	19 21	8 35	3 58	13 18	0 59	21 55	1 18	16 48	5 26	12 12	0 37	9 13	2 22	14 22	0 43	9 49	1 21	16 42	2 57	20 12	20 14	9 10	17 10	2 48
T 25	19 8	4 19	4 37	12 43	0 50	21 56	1 16	16 54	5 30	12 7	0 37	9 13	2 23	14 23	0 43	9 49	1 21	16 41	2 57	20 12	20 15	9 12	17 10	2 48
F 26	18 54	0n 2	5 3	12 7	0 41	21 56	1 13	17 0	5 34	12 3	0 37	9 13	2 23	14 24	0 43	9 49	1 21	16 41	2 57	20 12	20 15	9 14	17 10	2 48
S 27	18 41	4 19	5 16	11 31	0 32	21 56	1 11	17 7	5 38	11 59	0 37	9 14	2 23	14 24	0 43	9 49	1 21	16 41	2 57	20 13	20 16	9 17	17 10	2 48
S 28	18 27	8 25	5 14	10 56	0 21	21 55	1 8	17 13	5 42	11 54	0 37	9 14	2 23	14 25	0 43	9 49	1 21	16 40	2 57	20 13	20 17	9 19	17 10	2 49
M29	18 12	12 11	5 0	10 21	0 11	21 54	1 6	17 20	5 45	11 50	0 37	9 14	2 24	14 26	0 43	9 49	1 22	16 40	2 57	20 13	20 17	9 21	17 11	2 49
T 30	17 58	15 29	4 32	9 46	0s 0	21 52	1 3	17 27	5 49	11 45	0 37	9 14	2 24	14 27	0 43	9 49	1 22	16 39	2 57	20 12	20 18	9 23	17 11	2 49
W31	17n43	18n10	3s52	9n12	0s11	21n50	1s 0	17s34	5s52	11n41	0n37	9n14	2s24	14s27	0s43	9n49	1s22	16n39	2n57	20n12	20n19	9n26	17n11	2s49

Julian Day Number = 3063507.5, Delta T = 02h32m45s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'48, Lahiri = 47°20'49

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

AUGUST 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 41 41	10♌27'55	24♊ 5	6♍37	11♋25	27°R50	0♍59	0♉22	22°R48	29°R12	22♌38	28♋52	28♋16	8♉41	29♉55	T 1
F 2	20 45 38	11°25'13	6♋36	7°36	12°37	27♒38	1°12	0°23	22♒46	29♈12	22°39	28°53	28°13	8°48	29°57	F 2
S 3	20 49 34	12°22'32	19°25	8°31	13°49	27°25	1°25	0°24	22°44	29°12	22°41	28°53	28°10	8°54	29°59	S 3
S 4	20 53 31	13°19'51	2♌33	9°24	15° 1	27°12	1°38	0°24	22°41	29°12	22°43	28°R54	28° 6	9° 1	0♊ 1	S 4
M 5	20 57 27	14°17'09	16° 0	10°13	16°13	26°58	1°51	0°25	22°39	29°11	22°44	28°53	28° 3	9° 8	0° 2	M 5
T 6	21 1 24	15°14'28	29°44	10°58	17°25	26°44	2° 4	0°25	22°37	29°11	22°46	28°52	28° 0	9°14	0° 4	T 6
W 7	21 5 20	16°11'47	13♍43	11°40	18°37	26°29	2°17	0°26	22°34	29°11	22°48	28°50	27°57	9°21	0° 5	W 7
T 8	21 9 17	17° 9'06	27°52	12°18	19°49	26°14	2°30	0°26	22°32	29°11	22°49	28°47	27°54	9°28	0° 7	T 8
F 9	21 13 13	18° 6'25	12♎ 9	12°52	21° 2	25°58	2°43	0°26	22°29	29°11	22°51	28°45	27°51	9°35	0° 8	F 9
S 10	21 17 10	19° 3'43	26°28	13°22	22°14	25°43	2°56	0°R26	22°27	29°10	22°53	28°43	27°47	9°41	0°10	S 10
S 11	21 21 7	20° 1'02	10♏46	13°48	23°26	25°26	3° 9	0°26	22°24	29°10	22°54	28°42	27°44	9°48	0°11	S 11
M12	21 25 3	20°58'21	25° 0	14° 9	24°38	25°10	3°22	0°26	22°22	29°10	22°56	28°D42	27°41	9°55	0°12	M12
T 13	21 29 0	21°55'39	9♐ 7	14°26	25°51	24°53	3°35	0°26	22°20	29° 9	22°58	28°43	27°38	10° 1	0°13	T 13
W14	21 32 56	22°52'58	23° 5	14°38	27° 3	24°36	3°48	0°26	22°17	29° 9	22°59	28°44	27°35	10° 8	0°15	W14
T 15	21 36 53	23°50'17	6♑54	14°46	28°15	24°20	4° 1	0°25	22°15	29° 8	23° 1	28°45	27°31	10°15	0°16	T 15
F 16	21 40 49	24°47'36	20°32	14°R48	29°28	24° 3	4°14	0°25	22°12	29° 8	23° 3	28°46	27°28	10°22	0°17	F 16
S 17	21 44 46	25°44'56	3♒59	14°46	0♌40	23°46	4°28	0°24	22°10	29° 7	23° 4	28°R46	27°25	10°28	0°18	S 17
S 18	21 48 42	26°42'15	17°12	14°39	1°53	23°28	4°41	0°23	22° 8	29° 7	23° 6	28°45	27°22	10°35	0°19	S 18
M19	21 52 39	27°39'35	0♓13	14°27	3° 5	23°12	4°54	0°23	22° 5	29° 6	23° 7	28°43	27°19	10°42	0°20	M19
T 20	21 56 36	28°36'55	12°59	14° 9	4°18	22°55	5° 7	0°22	22° 3	29° 6	23° 9	28°39	27°16	10°49	0°20	T 20
W21	22 0 32	29°34'16	25°31	13°48	5°30	22°38	5°20	0°21	22° 0	29° 5	23°11	28°34	27°12	10°55	0°21	W21
T 22	22 4 29	0♍31'38	7♈50	13°21	6°43	22°21	5°34	0°20	21°58	29° 4	23°12	28°29	27° 9	11° 2	0°22	T 22
F 23	22 8 25	1°29'01	19°58	12°50	7°56	22° 5	5°47	0°18	21°56	29° 4	23°14	28°23	27° 6	11° 9	0°23	F 23
S 24	22 12 22	2°26'24	1♉58	12°16	9° 9	21°49	6° 0	0°17	21°53	29° 3	23°16	28°19	27° 3	11°15	0°23	S 24
S 25	22 16 18	3°23'48	13°52	11°38	10°21	21°33	6°13	0°16	21°51	29° 2	23°17	28°16	27° 0	11°22	0°24	S 25
M26	22 20 15	4°21'13	25°44	10°57	11°34	21°18	6°27	0°14	21°49	29° 2	23°19	28°14	26°56	11°29	0°24	M26
T 27	22 24 11	5°18'39	7♊40	10°13	12°47	21° 3	6°40	0°12	21°46	29° 1	23°21	28°D13	26°53	11°36	0°25	T 27
W28	22 28 8	6°16'06	19°43	9°29	14° 0	20°48	6°53	0°11	21°44	29° 0	23°22	28°14	26°50	11°42	0°25	W28
T 29	22 32 5	7°13'35	2♋ 0	8°43	15°13	20°34	7° 6	0° 9	21°42	28°59	23°24	28°16	26°47	11°49	0°25	T 29
F 30	22 36 1	8°11'04	14°33	7°57	16°26	20°20	7°20	0° 7	21°39	28°58	23°26	28°17	26°44	11°56	0°26	F 30
S 31	22 39 58	9♍ 8'34	27♋28	7♍12	17♌39	20♒ 7	7♍33	0♉ 5	21♒37	28♈57	23♌27	28°R18	26♋41	12♉ 2	0♊26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n27	20n 5	3s 1	8n39	0s23	21n47	0s58	17s41	5s56	11n36	0n37	9n14	2s24	14s28	0s43	9n49	1s22	16n38	2n57	20n12	20n19	9n28	17n11	2s50
F 2	17 12	21 4	2 0	8 6	0 35	21 43	0 55	17 48	5 59	11 32	0 37	9 14	2 25	14 29	0 43	9 49	1 22	16 38	2 57	20 12	20 20	9 30	17 11	2 50
S 3	16 56	20 58	0 52	7 34	0 48	21 39	0 52	17 55	6 2	11 27	0 37	9 14	2 25	14 30	0 43	9 49	1 22	16 37	2 57	20 12	20 21	9 32	17 11	2 50
S 4	16 40	19 44	0n20	7 2	1 1	21 34	0 50	18 3	6 5	11 23	0 38	9 14	2 25	14 30	0 43	9 49	1 22	16 37	2 57	20 12	20 21	9 34	17 12	2 50
M 5	16 24	17 23	1 33	6 32	1 14	21 28	0 47	18 10	6 8	11 18	0 38	9 14	2 25	14 31	0 43	9 49	1 22	16 36	2 57	20 12	20 22	9 37	17 12	2 51
T 6	16 7	14 0	2 42	6 3	1 27	21 22	0 44	18 18	6 11	11 14	0 38	9 14	2 26	14 32	0 43	9 48	1 22	16 36	2 57	20 12	20 22	9 39	17 12	2 51
W 7	15 50	9 47	3 43	5 34	1 40	21 16	0 41	18 25	6 13	11 9	0 38	9 14	2 26	14 33	0 43	9 48	1 22	16 35	2 57	20 13	20 23	9 41	17 12	2 51
T 8	15 33	4 59	4 30	5 7	1 54	21 8	0 39	18 33	6 16	11 5	0 38	9 14	2 26	14 34	0 43	9 48	1 22	16 35	2 57	20 13	20 24	9 43	17 12	2 51
F 9	15 16	0s 7	5 2	4 42	2 8	21 0	0 36	18 40	6 18	11 0	0 38	9 14	2 27	14 34	0 43	9 48	1 22	16 34	2 57	20 13	20 24	9 46	17 12	2 52
S 10	14 58	5 13	5 14	4 18	2 22	20 52	0 33	18 48	6 20	10 55	0 38	9 14	2 27	14 35	0 43	9 48	1 22	16 34	2 57	20 14	20 25	9 48	17 12	2 52
S 11	14 41	10 2	5 8	3 55	2 36	20 43	0 30	18 55	6 22	10 51	0 38	9 13	2 27	14 36	0 43	9 48	1 22	16 33	2 57	20 14	20 26	9 50	17 12	2 52
M12	14 23	14 16	4 42	3 34	2 50	20 33	0 27	19 3	6 24	10 46	0 38	9 13	2 27	14 37	0 43	9 48	1 22	16 33	2 58	20 14	20 26	9 52	17 12	2 52
T 13	14 4	17 40	4 0	3 15	3 3	20 23	0 25	19 10	6 26	10 42	0 38	9 13	2 28	14 38	0 43	9 47	1 22	16 32	2 58	20 14	20 27	9 55	17 12	2 53
W14	13 46	19 59	3 4	2 58	3 17	20 12	0 22	19 17	6 27	10 37	0 38	9 12	2 28	14 38	0 43	9 47	1 22	16 32	2 58	20 14	20 27	9 57	17 12	2 53
T 15	13 27	21 6	1 57	2 43	3 30	20 1	0 19	19 24	6 29	10 32	0 38	9 12	2 28	14 39	0 43	9 47	1 22	16 31	2 58	20 13	20 28	9 59	17 12	2 53
F 16	13 8	20 56	0 45	2 30	3 43	19 49	0 16	19 31	6 30	10 27	0 38	9 12	2 28	14 40	0 43	9 47	1 22	16 31	2 58	20 13	20 29	10 1	17 12	2 53
S 17	12 49	19 33	0s29	2 19	3 55	19 36	0 13	19 37	6 31	10 23	0 38	9 11	2 29	14 41	0 43	9 47	1 22	16 30	2 58	20 13	20 29	10 4	17 12	2 54
S 18	12 30	17 7	1 39	2 11	4 7	19 23	0 11	19 44	6 32	10 18	0 38	9 11	2 29	14 41	0 43	9 46	1 23	16 30	2 58	20 13	20 30	10 6	17 12	2 54
M19	12 11	13 51	2 44	2 6	4 18	19 10	0 8	19 50	6 32	10 13	0 38	9 10	2 29	14 42	0 43	9 46	1 23	16 29	2 58	20 14	20 31	10 8	17 12	2 54
T 20	11 51	10 0	3 38	2 3	4 28	18 56	0 5	19 56	6 33	10 9	0 38	9 10	2 29	14 43	0 43	9 46	1 23	16 29	2 58	20 15	20 31	10 10	17 12	2 54
W21	11 31	5 46	4 21	2 2	4 38	18 41	0 2	20 2	6 33	10 4	0 38	9 9	2 30	14 44	0 43	9 46	1 23	16 28	2 58	20 16	20 32	10 12	17 12	2 55
T 22	11 11	1 23	4 52	2 5	4 46	18 26	0n 0	20 8	6 33	9 59	0 38	9 8	2 30	14 45	0 43	9 45	1 23	16 28	2 58	20 17	20 32	10 15	17 12	2 55
F 23	10 51	2n59	5 8	2 10	4 53	18 10	0 3	20 13	6 33	9 54	0 38	9 8	2 30	14 45	0 43	9 45	1 23	16 28	2 58	20 18	20 33	10 17	17 11	2 55
S 24	10 31	7 11	5 11	2 18	4 58	17 54	0 6	20 18	6 33	9 50	0 39	9 7	2 30	14 46	0 43	9 45	1 23	16 27	2 58	20 19	20 34	10 19	17 11	2 55
S 25	10 10	11 5	5 0	2 29	5 2	17 37	0 8	20 22	6 32	9 45	0 39	9 6	2 31	14 47	0 43	9 44	1 23	16 27	2 58	20 19	20 34	10 21	17 11	2 56
M26	9 50	14 32	4 36	2 42	5 4	17 20	0 11	20 27	6 31	9 40	0 39	9 6	2 31	14 48	0 43	9 44	1 23	16 26	2 59	20 20	20 35	10 24	17 11	2 56
T 27	9 29	17 26	4 1	2 57	5 5	17 2	0 14	20 31	6 30	9 35	0 39	9 5	2 31	14 48	0 43	9 44	1 23	16 26	2 59	20 20	20 35	10 26	17 11	2 56
W28	9 8	19 36	3 14	3 15	5 4	16 44	0 16	20 35	6 29	9 30	0 39	9 4	2 31	14 49	0 43	9 43	1 23	16 25	2 59	20 20	20 36	10 28	17 11	2 56
T 29	8 47	20 54	2 18	3 35	5 0	16 26	0 19	20 38	6 28	9 26	0 39	9 3	2 32	14 50	0 43	9 43	1 23	16 25	2 59	20 19	20 37	10 30	17 10	2 57
F 30	8 26	21 13	1 14	3 56	4 56	16 7	0 21	20 41	6 27	9 21	0 39	9 2	2 32	14 50	0 43	9 43	1 23	16 24	2 59	20 19	20 37	10 32	17 10	2 57
S 31	8n 4	20n24	0s 4	4n18	4s49	15n47	0n24	20s44	6s25	9n16	0n39	9n 1	2s32	14s51	0s43	9n42	1s23	16n24	2n59	20n19	20n38	10n35	17n10	2s57

Julian Day Number = 3063538.5, Delta T = 02h32m46s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'53, Lahiri = 47°20'53

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

SEPTEMBER 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 43 54	10♍ 6'05	10♌47	6°R29	18♌52	19°R55	7♍46	0°R 3	21°R35	28°R56	23♌29	28°R17	26♋37	12♉ 9	0♊26	S 1
M 2	22 47 51	11° 3'38	24°29	5♍48	20° 5	19♒43	7°59	0♉ 1	21♒32	28♈55	23°30	28♋14	26°34	12°16	0°26	M 2
T 3	22 51 47	12° 1'11	8♍35	5°11	21°18	19°32	8°12	29♈59	21°30	28°54	23°32	28°10	26°31	12°23	0°R26	T 3
W 4	22 55 44	12°58'45	23° 0	4°37	22°31	19°21	8°26	29°56	21°28	28°53	23°33	28° 4	26°28	12°29	0°26	W 4
T 5	22 59 40	13°56'20	7♎37	4° 9	23°45	19°11	8°39	29°54	21°26	28°52	23°35	27°57	26°25	12°36	0°26	T 5
F 6	23 3 37	14°53'56	22°20	3°46	24°58	19° 2	8°52	29°51	21°24	28°51	23°37	27°50	26°22	12°43	0°26	F 6
S 7	23 7 34	15°51'33	7♏ 1	3°29	26°11	18°54	9° 5	29°49	21°22	28°50	23°38	27°44	26°18	12°49	0°25	S 7
S 8	23 11 30	16°49'11	21°34	3°18	27°25	18°46	9°18	29°46	21°19	28°49	23°40	27°40	26°15	12°56	0°25	S 8
M 9	23 15 27	17°46'49	5♐54	3°D14	28°38	18°39	9°32	29°43	21°17	28°48	23°41	27°37	26°12	13° 3	0°25	M 9
T 10	23 19 23	18°44'29	19°58	3°17	29°51	18°33	9°45	29°41	21°15	28°47	23°43	27°D37	26° 9	13°10	0°24	T 10
W11	23 23 20	19°42'09	3♑46	3°27	1♍ 5	18°28	9°58	29°38	21°13	28°46	23°44	27°37	26° 6	13°16	0°24	W11
T 12	23 27 16	20°39'50	17°18	3°44	2°18	18°24	10°11	29°35	21°11	28°44	23°46	27°38	26° 2	13°23	0°24	T 12
F 13	23 31 13	21°37'32	0♒35	4° 9	3°32	18°20	10°24	29°32	21° 9	28°43	23°47	27°R39	25°59	13°30	0°23	F 13
S 14	23 35 9	22°35'14	13°39	4°42	4°45	18°18	10°37	29°28	21° 7	28°42	23°49	27°37	25°56	13°36	0°22	S 14
S 15	23 39 6	23°32'58	26°31	5°21	5°59	18°16	10°50	29°25	21° 5	28°41	23°50	27°34	25°53	13°43	0°22	S 15
M16	23 43 3	24°30'43	9♓12	6° 8	7°12	18°15	11° 3	29°22	21° 4	28°39	23°52	27°28	25°50	13°50	0°21	M16
T 17	23 46 59	25°28'29	21°43	7° 2	8°26	18°D14	11°16	29°18	21° 2	28°38	23°53	27°20	25°47	13°57	0°20	T 17
W18	23 50 56	26°26'16	4♈ 3	8° 2	9°40	18°15	11°29	29°15	21° 0	28°37	23°55	27°10	25°43	14° 3	0°19	W18
T 19	23 54 52	27°24'05	16°14	9°10	10°53	18°16	11°42	29°11	20°58	28°35	23°56	26°58	25°40	14°10	0°18	T 19
F 20	23 58 49	28°21'55	28°17	10°23	12° 7	18°19	11°55	29° 8	20°56	28°34	23°58	26°47	25°37	14°17	0°18	F 20
S 21	0 2 45	29°19'47	10♉13	11°42	13°21	18°22	12° 8	29° 4	20°55	28°33	23°59	26°37	25°34	14°23	0°17	S 21
S 22	0 6 42	0♎17'40	22° 4	13° 7	14°35	18°26	12°21	29° 0	20°53	28°31	24° 0	26°29	25°31	14°30	0°15	S 22
M23	0 10 38	1°15'35	3♊55	14°37	15°48	18°30	12°34	28°57	20°51	28°30	24° 2	26°23	25°28	14°37	0°14	M23
T 24	0 14 35	2°13'31	15°49	16°11	17° 2	18°36	12°47	28°53	20°50	28°28	24° 3	26°20	25°24	14°44	0°13	T 24
W25	0 18 31	3°11'30	27°50	17°50	18°16	18°42	13° 0	28°49	20°48	28°27	24° 4	26°18	25°21	14°50	0°12	W25
T 26	0 22 28	4° 9'30	10♋ 3	19°32	19°30	18°49	13°12	28°45	20°46	28°25	24° 6	26°D18	25°18	14°57	0°11	T 26
F 27	0 26 25	5° 7'32	22°34	21°17	20°44	18°57	13°25	28°41	20°45	28°24	24° 7	26°R19	25°15	15° 4	0° 9	F 27
S 28	0 30 21	6° 5'35	5♌28	23° 5	21°58	19° 6	13°38	28°37	20°43	28°22	24° 8	26°18	25°12	15°10	0° 8	S 28
S 29	0 34 18	7° 3'40	18°48	24°56	23°12	19°15	13°50	28°33	20°42	28°21	24°10	26°16	25° 8	15°17	0° 7	S 29
M30	0 38 14	8♎ 1'47	2♍36	26♍48	24♍26	19♒25	14♍ 3	28♈29	20♒41	28♈19	24♌11	26♋12	25♋ 5	15♉24	0♊ 5	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n43	18n27	1n 7	4n42	4s41	15n27	0n27	20s46	6s24	9n11	0n39	9n 0	2s32	14s52	0s43	9n42	1s23	16n23	2n59	20n19	20n38	10n37	17n10	2s57
M 2	7 21	15 24	2 17	5 6	4 30	15 7	0 29	20 49	6 22	9 6	0 39	8 59	2 33	14 53	0 43	9 42	1 23	16 23	2 59	20 20	20 39	10 39	17 10	2 58
T 3	6 59	11 23	3 20	5 30	4 19	14 46	0 31	20 50	6 20	9 1	0 39	8 58	2 33	14 53	0 43	9 41	1 23	16 23	2 59	20 20	20 40	10 41	17 9	2 58
W 4	6 38	6 37	4 12	5 54	4 6	14 25	0 34	20 52	6 18	8 57	0 39	8 57	2 33	14 54	0 43	9 41	1 23	16 22	2 59	20 22	20 40	10 44	17 9	2 58
T 5	6 16	1 26	4 49	6 18	3 52	14 3	0 36	20 53	6 16	8 52	0 39	8 56	2 33	14 55	0 43	9 41	1 23	16 22	2 59	20 23	20 41	10 46	17 9	2 58
F 6	5 54	3s52	5 6	6 40	3 36	13 41	0 38	20 53	6 13	8 47	0 39	8 55	2 34	14 55	0 43	9 40	1 23	16 21	2 59	20 24	20 41	10 48	17 9	2 59
S 7	5 32	8 57	5 3	7 2	3 20	13 19	0 41	20 54	6 11	8 42	0 39	8 54	2 34	14 56	0 43	9 40	1 23	16 21	3 0	20 26	20 42	10 50	17 8	2 59
S 8	5 10	13 27	4 41	7 21	3 3	12 56	0 43	20 53	6 8	8 37	0 40	8 53	2 34	14 57	0 43	9 39	1 23	16 20	3 0	20 26	20 43	10 52	17 8	2 59
M 9	4 47	17 7	4 2	7 39	2 46	12 33	0 45	20 53	6 5	8 32	0 40	8 52	2 34	14 57	0 43	9 39	1 23	16 20	3 0	20 27	20 43	10 55	17 8	2 59
T 10	4 25	19 43	3 8	7 55	2 28	12 10	0 47	20 52	6 2	8 28	0 40	8 51	2 34	14 58	0 43	9 38	1 24	16 20	3 0	20 27	20 44	10 57	17 7	3 0
W11	4 3	21 6	2 5	8 8	2 10	11 46	0 49	20 51	6 0	8 23	0 40	8 49	2 35	14 59	0 43	9 38	1 24	16 19	3 0	20 27	20 44	10 59	17 7	3 0
T 12	3 40	21 12	0 55	8 18	1 52	11 22	0 51	20 50	5 57	8 18	0 40	8 48	2 35	14 59	0 43	9 37	1 24	16 19	3 0	20 27	20 45	11 1	17 7	3 0
F 13	3 18	20 6	0s16	8 26	1 34	10 57	0 53	20 48	5 53	8 13	0 40	8 47	2 35	15 0	0 43	9 37	1 24	16 18	3 0	20 27	20 46	11 3	17 6	3 0
S 14	2 55	17 56	1 25	8 31	1 16	10 33	0 55	20 46	5 50	8 8	0 40	8 46	2 35	15 0	0 43	9 37	1 24	16 18	3 0	20 27	20 46	11 6	17 6	3 1
S 15	2 32	14 53	2 28	8 33	0 59	10 8	0 57	20 43	5 47	8 3	0 40	8 44	2 35	15 1	0 43	9 36	1 24	16 18	3 0	20 28	20 47	11 8	17 5	3 1
M16	2 10	11 11	3 23	8 31	0 42	9 42	0 59	20 40	5 44	7 59	0 40	8 43	2 36	15 2	0 43	9 36	1 24	16 17	3 0	20 29	20 47	11 10	17 5	3 1
T 17	1 47	7 3	4 7	8 27	0 26	9 17	1 1	20 37	5 40	7 54	0 40	8 42	2 36	15 2	0 43	9 35	1 24	16 17	3 1	20 30	20 48	11 12	17 5	3 1
W18	1 24	2 41	4 39	8 19	0 11	8 51	1 3	20 34	5 37	7 49	0 40	8 40	2 36	15 3	0 43	9 35	1 24	16 16	3 1	20 32	20 48	11 14	17 4	3 2
T 19	1 1	1n44	4 58	8 7	0n 4	8 25	1 4	20 30	5 33	7 44	0 41	8 39	2 36	15 3	0 43	9 34	1 24	16 16	3 1	20 34	20 49	11 17	17 4	3 2
F 20	0 39	6 2	5 3	7 53	0 18	7 58	1 6	20 26	5 30	7 39	0 41	8 38	2 36	15 4	0 43	9 34	1 24	16 16	3 1	20 37	20 50	11 19	17 3	3 2
S 21	0 16	10 4	4 55	7 35	0 31	7 32	1 8	20 21	5 26	7 35	0 41	8 36	2 36	15 4	0 43	9 33	1 24	16 15	3 1	20 38	20 50	11 21	17 3	3 2
S 22	0s 7	13 42	4 34	7 14	0 43	7 5	1 9	20 17	5 23	7 30	0 41	8 35	2 37	15 5	0 43	9 33	1 24	16 15	3 1	20 40	20 51	11 23	17 3	3 3
M23	0 30	16 47	4 1	6 50	0 54	6 38	1 11	20 12	5 19	7 25	0 41	8 33	2 37	15 5	0 43	9 32	1 24	16 15	3 1	20 41	20 51	11 25	17 2	3 3
T 24	0 53	19 12	3 18	6 23	1 4	6 11	1 12	20 7	5 15	7 20	0 41	8 32	2 37	15 6	0 43	9 32	1 24	16 14	3 1	20 42	20 52	11 28	17 2	3 3
W25	1 15	20 47	2 25	5 53	1 13	5 44	1 13	20 1	5 11	7 15	0 41	8 30	2 37	15 6	0 43	9 31	1 24	16 14	3 1	20 42	20 53	11 30	17 1	3 3
T 26	1 38	21 26	1 25	5 21	1 20	5 16	1 15	19 55	5 8	7 11	0 41	8 29	2 37	15 7	0 43	9 30	1 24	16 14	3 2	20 42	20 53	11 32	17 1	3 4
F 27	2 1	21 2	0 20	4 46	1 27	4 48	1 16	19 49	5 4	7 6	0 41	8 27	2 37	15 7	0 43	9 30	1 24	16 13	3 2	20 42	20 54	11 34	17 0	3 4
S 28	2 24	19 31	0n48	4 9	1 33	4 20	1 17	19 43	5 0	7 1	0 41	8 26	2 37	15 8	0 43	9 29	1 24	16 13	3 2	20 42	20 54	11 36	17 0	3 4
S 29	2 47	16 54	1 56	3 30	1 38	3 52	1 18	19 36	4 56	6 56	0 42	8 24	2 38	15 8	0 43	9 29	1 24	16 13	3 2	20 42	20 55	11 39	16 59	3 4
M30	3s 9	13n15	3n 0	2n49	1n41	3n24	1n19	19s30	4s53	6n52	0n42	8n23	2s38	15s 9	0s43	9n28	1s24	16n12	3n 2	20n43	20n55	11n41	16n58	3s 5

Julian Day Number = 3063569.5, Delta T = 02h32m47s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°13'57, Lahiri = 47°20'57

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

OCTOBER 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 42 11	8♎59'56	16♍53	28♍41	25♍40	19♒36	14♍16	28°R24	20°R39	28°R18	24♌12	26°R 5	25♋ 2	15♉31	0°R 4	T 1
W 2	0 46 7	9°58'07	1♎34	0♎35	26°55	19°48	14°28	28♈20	20♒38	28♈16	24°13	25♋56	24°59	15°37	0♊ 2	W 2
T 3	0 50 4	10°56'19	16°32	2°30	28° 9	20° 1	14°41	28°16	20°37	28°15	24°15	25°46	24°56	15°44	0° 0	T 3
F 4	0 54 0	11°54'33	1♏38	4°26	29°23	20°14	14°53	28°12	20°35	28°13	24°16	25°35	24°53	15°51	29♉59	F 4
S 5	0 57 57	12°52'48	16°42	6°21	0♎37	20°28	15° 6	28° 7	20°34	28°12	24°17	25°25	24°49	15°57	29°57	S 5
S 6	1 1 53	13°51'05	1♐35	8°16	1°51	20°42	15°18	28° 3	20°33	28°10	24°18	25°18	24°46	16° 4	29°55	S 6
M 7	1 5 50	14°49'23	16° 9	10°11	3° 6	20°57	15°30	27°58	20°32	28° 8	24°19	25°13	24°43	16°11	29°53	M 7
T 8	1 9 47	15°47'43	0♑20	12° 6	4°20	21°13	15°43	27°54	20°31	28° 7	24°21	25°11	24°40	16°18	29°51	T 8
W 9	1 13 43	16°46'04	14° 9	14° 0	5°34	21°30	15°55	27°49	20°30	28° 5	24°22	25°D10	24°37	16°24	29°49	W 9
T 10	1 17 40	17°44'27	27°35	15°53	6°49	21°47	16° 7	27°45	20°29	28° 4	24°23	25°R10	24°33	16°31	29°48	T 10
F 11	1 21 36	18°42'51	10♒42	17°46	8° 3	22° 5	16°19	27°40	20°28	28° 2	24°24	25° 9	24°30	16°38	29°46	F 11
S 12	1 25 33	19°41'16	23°31	19°37	9°17	22°24	16°31	27°36	20°27	28° 0	24°25	25° 7	24°27	16°44	29°43	S 12
S 13	1 29 29	20°39'43	6♓ 8	21°28	10°32	22°43	16°43	27°31	20°26	27°59	24°26	25° 2	24°24	16°51	29°41	S 13
M14	1 33 26	21°38'12	18°33	23°17	11°46	23° 2	16°55	27°27	20°26	27°57	24°27	24°54	24°21	16°58	29°39	M14
T 15	1 37 22	22°36'42	0♈49	25° 6	13° 1	23°23	17° 7	27°22	20°25	27°55	24°28	24°43	24°18	17° 5	29°37	T 15
W16	1 41 19	23°35'14	12°58	26°54	14°15	23°44	17°19	27°17	20°24	27°54	24°29	24°31	24°14	17°11	29°35	W16
T 17	1 45 16	24°33'47	25° 0	28°40	15°30	24° 5	17°30	27°13	20°24	27°52	24°30	24°16	24°11	17°18	29°33	T 17
F 18	1 49 12	25°32'23	6♉57	0♏26	16°44	24°27	17°42	27° 8	20°23	27°50	24°31	24° 2	24° 8	17°25	29°30	F 18
S 19	1 53 9	26°31'00	18°49	2°11	17°59	24°49	17°54	27° 3	20°22	27°49	24°32	23°49	24° 5	17°31	29°28	S 19
S 20	1 57 5	27°29'39	0♊40	3°55	19°13	25°12	18° 5	26°59	20°22	27°47	24°33	23°38	24° 2	17°38	29°26	S 20
M21	2 1 2	28°28'21	12°30	5°37	20°28	25°36	18°17	26°54	20°21	27°45	24°33	23°30	23°59	17°45	29°23	M21
T 22	2 4 58	29°27'04	24°24	7°19	21°42	26° 0	18°28	26°50	20°21	27°44	24°34	23°25	23°55	17°52	29°21	T 22
W23	2 8 55	0♏25'50	6♋24	9° 0	22°57	26°24	18°40	26°45	20°21	27°42	24°35	23°22	23°52	17°58	29°18	W23
T 24	2 12 51	1°24'38	18°35	10°40	24°12	26°49	18°51	26°40	20°20	27°40	24°36	23°21	23°49	18° 5	29°16	T 24
F 25	2 16 48	2°23'28	1♌ 3	12°19	25°26	27°14	19° 2	26°36	20°20	27°39	24°37	23°21	23°46	18°12	29°13	F 25
S 26	2 20 45	3°22'20	13°52	13°57	26°41	27°40	19°13	26°31	20°20	27°37	24°38	23°21	23°43	18°18	29°11	S 26
S 27	2 24 41	4°21'14	27° 7	15°35	27°56	28° 7	19°24	26°26	20°20	27°35	24°38	23°19	23°39	18°25	29° 8	S 27
M28	2 28 38	5°20'10	10♍51	17°11	29°10	28°33	19°35	26°22	20°20	27°34	24°39	23°15	23°36	18°32	29° 5	M28
T 29	2 32 34	6°19'09	25° 5	18°47	0♏25	29° 0	19°46	26°17	20°D20	27°32	24°40	23° 8	23°33	18°38	29° 3	T 29
W30	2 36 31	7°18'10	9♎46	20°22	1°40	29°28	19°57	26°13	20°20	27°30	24°40	23° 0	23°30	18°45	29° 0	W30
T 31	2 40 27	8♏17'12	24♎50	21♏56	2♏55	29♒56	20♍ 8	26♈ 8	20♒20	27♈29	24♌41	22♋49	23♋27	18♉52	28♉57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s32	8n44	3n54	2n 7	1n44	2n56	1n20	19s22	4s49	6n47	0n42	8n21	2s38	15s 9	0s43	9n28	1s24	16n12	3n 2	20n44	20n56	11n43	16n58	3s 5
W 2	3 55	3 35	4 35	1 24	1 46	2 28	1 21	19 15	4 45	6 42	0 42	8 19	2 38	15 9	0 43	9 27	1 24	16 12	3 2	20 46	20 57	11 45	16 57	3 5
T 3	4 17	1s52	4 57	0 39	1 47	1 59	1 22	19 8	4 41	6 38	0 42	8 18	2 38	15 10	0 43	9 27	1 24	16 11	3 2	20 48	20 57	11 47	16 57	3 5
F 4	4 40	7 15	4 59	0s 6	1 48	1 31	1 23	19 0	4 37	6 33	0 42	8 16	2 38	15 10	0 43	9 26	1 24	16 11	3 2	20 50	20 58	11 49	16 56	3 6
S 5	5 3	12 11	4 41	0 51	1 47	1 2	1 23	18 52	4 34	6 28	0 42	8 15	2 38	15 11	0 43	9 25	1 24	16 11	3 3	20 52	20 58	11 52	16 56	3 6
S 6	5 25	16 19	4 3	1 38	1 46	0 33	1 24	18 43	4 30	6 24	0 42	8 13	2 38	15 11	0 43	9 25	1 24	16 11	3 3	20 53	20 59	11 54	16 55	3 6
M 7	5 47	19 21	3 11	2 24	1 44	0 5	1 25	18 35	4 26	6 19	0 42	8 11	2 38	15 11	0 42	9 24	1 24	16 10	3 3	20 54	20 59	11 56	16 54	3 6
T 8	6 10	21 6	2 7	3 11	1 42	0s24	1 25	18 26	4 22	6 14	0 43	8 10	2 39	15 12	0 42	9 24	1 24	16 10	3 3	20 54	21 0	11 58	16 54	3 6
W 9	6 32	21 31	0 58	3 57	1 39	0 53	1 26	18 17	4 18	6 10	0 43	8 8	2 39	15 12	0 42	9 23	1 24	16 10	3 3	20 55	21 0	12 0	16 53	3 7
T 10	6 54	20 40	0s13	4 44	1 35	1 22	1 26	18 8	4 15	6 5	0 43	8 6	2 39	15 12	0 42	9 22	1 24	16 9	3 3	20 55	21 1	12 3	16 53	3 7
F 11	7 16	18 42	1 21	5 30	1 31	1 50	1 26	17 59	4 11	6 1	0 43	8 5	2 39	15 12	0 42	9 22	1 24	16 9	3 3	20 55	21 2	12 5	16 52	3 7
S 12	7 38	15 49	2 24	6 16	1 27	2 19	1 27	17 49	4 7	5 56	0 43	8 3	2 39	15 13	0 42	9 21	1 24	16 9	3 4	20 55	21 2	12 7	16 51	3 7
S 13	8 0	12 15	3 18	7 1	1 22	2 48	1 27	17 39	4 3	5 52	0 43	8 1	2 39	15 13	0 42	9 21	1 24	16 9	3 4	20 56	21 3	12 9	16 51	3 8
M14	8 22	8 12	4 2	7 46	1 17	3 17	1 27	17 29	4 0	5 47	0 43	8 0	2 39	15 13	0 42	9 20	1 24	16 9	3 4	20 57	21 3	12 11	16 50	3 8
T 15	8 43	3 53	4 34	8 31	1 12	3 45	1 27	17 19	3 56	5 43	0 43	7 58	2 39	15 13	0 42	9 20	1 24	16 8	3 4	20 59	21 4	12 13	16 49	3 8
W16	9 5	0n34	4 53	9 15	1 6	4 14	1 27	17 9	3 52	5 38	0 44	7 56	2 39	15 13	0 42	9 19	1 24	16 8	3 4	21 2	21 4	12 16	16 49	3 8
T 17	9 26	4 56	4 59	9 58	1 0	4 42	1 27	16 58	3 49	5 34	0 44	7 55	2 39	15 14	0 42	9 18	1 24	16 8	3 4	21 4	21 5	12 18	16 48	3 8
F 18	9 47	9 6	4 52	10 41	0 54	5 11	1 27	16 48	3 45	5 29	0 44	7 53	2 39	15 14	0 42	9 18	1 24	16 8	3 4	21 6	21 5	12 20	16 47	3 9
S 19	10 8	12 54	4 32	11 23	0 48	5 39	1 27	16 37	3 42	5 25	0 44	7 51	2 39	15 14	0 42	9 17	1 24	16 8	3 4	21 9	21 6	12 22	16 47	3 9
S 20	10 29	16 11	4 0	12 4	0 41	6 7	1 26	16 26	3 38	5 21	0 44	7 50	2 39	15 14	0 42	9 17	1 24	16 7	3 5	21 11	21 7	12 24	16 46	3 9
M21	10 50	18 49	3 18	12 44	0 34	6 36	1 26	16 14	3 34	5 16	0 44	7 48	2 39	15 14	0 42	9 16	1 24	16 7	3 5	21 12	21 7	12 26	16 45	3 9
T 22	11 11	20 40	2 27	13 24	0 28	7 4	1 26	16 3	3 31	5 12	0 44	7 46	2 39	15 14	0 42	9 15	1 24	16 7	3 5	21 13	21 8	12 28	16 45	3 9
W23	11 31	21 36	1 28	14 2	0 21	7 32	1 25	15 51	3 27	5 8	0 44	7 45	2 39	15 14	0 42	9 15	1 24	16 7	3 5	21 13	21 8	12 31	16 44	3 9
T 24	11 52	21 32	0 25	14 40	0 14	7 59	1 25	15 39	3 24	5 4	0 45	7 43	2 39	15 14	0 42	9 14	1 24	16 7	3 5	21 13	21 9	12 33	16 43	3 10
F 25	12 12	20 24	0n41	15 17	0 7	8 27	1 24	15 28	3 20	4 59	0 45	7 41	2 39	15 14	0 42	9 14	1 24	16 7	3 5	21 13	21 9	12 35	16 43	3 10
S 26	12 32	18 13	1 46	15 53	0s 0	8 54	1 23	15 15	3 17	4 55	0 45	7 40	2 39	15 14	0 42	9 13	1 24	16 7	3 5	21 13	21 10	12 37	16 42	3 10
S 27	12 51	15 0	2 49	16 29	0 7	9 21	1 23	15 3	3 14	4 51	0 45	7 38	2 39	15 14	0 42	9 12	1 24	16 6	3 6	21 14	21 10	12 39	16 41	3 10
M28	13 11	10 53	3 43	17 3	0 15	9 48	1 22	14 51	3 10	4 47	0 45	7 37	2 39	15 14	0 42	9 12	1 24	16 6	3 6	21 14	21 11	12 41	16 40	3 10
T 29	13 30	6 1	4 26	17 36	0 22	10 15	1 21	14 38	3 7	4 43	0 45	7 35	2 39	15 14	0 42	9 11	1 24	16 6	3 6	21 16	21 11	12 44	16 40	3 10
W30	13 50	0 40	4 54	18 8	0 29	10 42	1 20	14 25	3 4	4 39	0 46	7 33	2 39	15 14	0 42	9 11	1 24	16 6	3 6	21 17	21 12	12 46	16 39	3 11
T 31	14s 8	4s51	5n 1	18s40	0s36	11s 8	1n19	14s13	3s 0	4n35	0n46	7n32	2s39	15s14	0s42	9n10	1s24	16n 6	3n 6	21n19	21n12	12n48	16n38	3s11

Julian Day Number = 3063599.5, Delta T = 02h32m48s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'01, Lahiri = 47°21'02

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

NOVEMBER 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 44 24	9♏16'17	10♏ 7	23♏29	4♏10	0♓24	20♍19	26°R 4	20♒20	27°R27	24♌42	22°R38	23♋24	18♉59	28°R55	F 1
S 2	2 48 20	10°15'24	25°25	25° 1	5°24	0°53	20°29	25♈59	20°20	27♈26	24°42	22♋29	23°20	19° 5	28♉52	S 2
S 3	2 52 17	11°14'33	10♐34	26°33	6°39	1°22	20°40	25°55	20°20	27°24	24°43	22°21	23°17	19°12	28°49	S 3
M 4	2 56 14	12°13'43	25°24	28° 4	7°54	1°51	20°50	25°51	20°21	27°22	24°43	22°16	23°14	19°19	28°46	M 4
T 5	3 0 10	13°12'56	9♑49	29°34	9° 9	2°21	21° 0	25°46	20°21	27°21	24°44	22°13	23°11	19°25	28°43	T 5
W 6	3 4 7	14°12'10	23°46	1♐ 4	10°24	2°52	21°11	25°42	20°21	27°19	24°44	22°D13	23° 8	19°32	28°40	W 6
T 7	3 8 3	15°11'25	7♒17	2°32	11°39	3°22	21°21	25°38	20°22	27°18	24°45	22°13	23° 5	19°39	28°38	T 7
F 8	3 12 0	16°10'42	20°23	4° 0	12°54	3°53	21°31	25°34	20°22	27°16	24°45	22°R13	23° 1	19°46	28°35	F 8
S 9	3 15 56	17°10'01	3♓ 9	5°27	14° 9	4°24	21°41	25°29	20°23	27°15	24°46	22°12	22°58	19°52	28°32	S 9
S 10	3 19 53	18° 9'22	15°38	6°53	15°23	4°56	21°51	25°25	20°23	27°13	24°46	22° 9	22°55	19°59	28°29	S 10
M11	3 23 49	19° 8'44	27°54	8°19	16°38	5°27	22° 0	25°21	20°24	27°12	24°46	22° 3	22°52	20° 6	28°26	M11
T 12	3 27 46	20° 8'07	10♈ 0	9°43	17°53	6° 0	22°10	25°17	20°25	27°10	24°47	21°54	22°49	20°12	28°23	T 12
W13	3 31 43	21° 7'33	22° 0	11° 7	19° 8	6°32	22°19	25°13	20°25	27° 9	24°47	21°44	22°45	20°19	28°20	W13
T 14	3 35 39	22° 7'01	3♉56	12°30	20°23	7° 5	22°29	25° 9	20°26	27° 7	24°47	21°32	22°42	20°26	28°17	T 14
F 15	3 39 36	23° 6'30	15°48	13°52	21°38	7°38	22°38	25° 6	20°27	27° 6	24°48	21°20	22°39	20°33	28°14	F 15
S 16	3 43 32	24° 6'01	27°40	15°13	22°53	8°11	22°47	25° 2	20°28	27° 4	24°48	21°10	22°36	20°39	28°11	S 16
S 17	3 47 29	25° 5'34	9♊32	16°33	24° 8	8°44	22°56	24°58	20°29	27° 3	24°48	21° 1	22°33	20°46	28° 8	S 17
M18	3 51 25	26° 5'10	21°26	17°51	25°23	9°18	23° 5	24°55	20°30	27° 1	24°48	20°54	22°30	20°53	28° 5	M18
T 19	3 55 22	27° 4'47	3♋24	19° 9	26°38	9°52	23°14	24°51	20°31	27° 0	24°48	20°50	22°26	20°59	28° 2	T 19
W20	3 59 18	28° 4'26	15°29	20°25	27°53	10°26	23°23	24°47	20°32	26°59	24°49	20°D48	22°23	21° 6	27°59	W20
T 21	4 3 15	29° 4'08	27°44	21°40	29° 8	11° 1	23°32	24°44	20°33	26°57	24°49	20°48	22°20	21°13	27°56	T 21
F 22	4 7 12	0♐ 3'51	10♌13	22°53	0♐23	11°35	23°40	24°41	20°34	26°56	24°49	20°49	22°17	21°19	27°53	F 22
S 23	4 11 8	1° 3'37	23° 0	24° 5	1°38	12°10	23°48	24°37	20°35	26°55	24°49	20°50	22°14	21°26	27°50	S 23
S 24	4 15 5	2° 3'25	6♍10	25°14	2°53	12°45	23°57	24°34	20°37	26°53	24°49	20°R51	22°11	21°33	27°47	S 24
M25	4 19 1	3° 3'15	19°45	26°22	4° 9	13°21	24° 5	24°31	20°38	26°52	24°R49	20°49	22° 7	21°40	27°44	M25
T 26	4 22 58	4° 3'07	3♎47	27°28	5°24	13°56	24°13	24°28	20°39	26°51	24°49	20°46	22° 4	21°46	27°41	T 26
W27	4 26 54	5° 3'01	18°17	28°31	6°39	14°32	24°21	24°25	20°41	26°49	24°49	20°41	22° 1	21°53	27°38	W27
T 28	4 30 51	6° 2'57	3♏ 9	29°31	7°54	15° 8	24°28	24°22	20°42	26°48	24°49	20°34	21°58	22° 0	27°35	T 28
F 29	4 34 47	7° 2'55	18°18	0♑28	9° 9	15°44	24°36	24°19	20°44	26°47	24°49	20°27	21°55	22° 6	27°33	F 29
S 30	4 38 44	8♐ 2'56	3♐34	1♑21	10♐24	16♓20	24♍44	24♈17	20♒45	26♈46	24♌48	20♋21	21♋51	22♉13	27♉30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s27	10s 9	4n48	19s10	0s43	11s34	1n18	14s 0	2s57	4n31	0n46	7n30	2s39	15s14	0s42	9n10	1s24	16n 6	3n 6	21n20	21n13	12n50	16n38	3s11
S 2	14 46	14 50	4 14	19 40	0 50	12 0	1 17	13 46	2 54	4 27	0 46	7 29	2 39	15 14	0 42	9 9	1 24	16 6	3 6	21 22	21 14	12 52	16 37	3 11
S 3	15 4	18 30	3 22	20 8	0 57	12 25	1 16	13 33	2 51	4 23	0 46	7 27	2 39	15 14	0 42	9 8	1 24	16 6	3 7	21 23	21 14	12 54	16 36	3 11
M 4	15 22	20 51	2 17	20 35	1 4	12 50	1 15	13 20	2 47	4 19	0 46	7 26	2 39	15 14	0 42	9 8	1 24	16 6	3 7	21 24	21 15	12 56	16 35	3 11
T 5	15 40	21 47	1 5	21 2	1 11	13 15	1 13	13 6	2 44	4 15	0 46	7 24	2 39	15 14	0 42	9 7	1 24	16 6	3 7	21 25	21 15	12 59	16 35	3 12
W 6	15 57	21 17	0s 8	21 27	1 18	13 40	1 12	12 52	2 41	4 11	0 47	7 23	2 38	15 14	0 42	9 7	1 24	16 6	3 7	21 25	21 16	13 1	16 34	3 12
T 7	16 15	19 34	1 19	21 51	1 24	14 4	1 11	12 38	2 38	4 7	0 47	7 21	2 38	15 14	0 42	9 6	1 24	16 6	3 7	21 25	21 16	13 3	16 33	3 12
F 8	16 32	16 50	2 24	22 15	1 31	14 28	1 9	12 24	2 35	4 3	0 47	7 20	2 38	15 13	0 42	9 6	1 24	16 6	3 7	21 25	21 17	13 5	16 32	3 12
S 9	16 48	13 22	3 20	22 37	1 37	14 52	1 8	12 10	2 32	4 0	0 47	7 19	2 38	15 13	0 42	9 5	1 24	16 6	3 7	21 25	21 17	13 7	16 32	3 12
S 10	17 5	9 23	4 5	22 58	1 43	15 15	1 6	11 56	2 29	3 56	0 47	7 17	2 38	15 13	0 41	9 5	1 24	16 6	3 8	21 25	21 18	13 9	16 31	3 12
M11	17 21	5 5	4 37	23 18	1 49	15 38	1 5	11 42	2 26	3 52	0 48	7 16	2 38	15 13	0 41	9 4	1 24	16 6	3 8	21 26	21 18	13 11	16 30	3 12
T 12	17 37	0 38	4 57	23 37	1 55	16 0	1 3	11 27	2 23	3 49	0 48	7 15	2 38	15 13	0 41	9 4	1 24	16 6	3 8	21 28	21 19	13 13	16 29	3 12
W13	17 53	3n48	5 3	23 54	2 1	16 22	1 1	11 12	2 20	3 45	0 48	7 13	2 38	15 12	0 41	9 3	1 24	16 6	3 8	21 29	21 19	13 16	16 29	3 13
T 14	18 8	8 3	4 57	24 11	2 7	16 43	1 0	10 58	2 17	3 42	0 48	7 12	2 38	15 12	0 41	9 3	1 24	16 6	3 8	21 31	21 20	13 18	16 28	3 13
F 15	18 23	12 0	4 37	24 26	2 12	17 5	0 58	10 43	2 14	3 38	0 48	7 11	2 37	15 12	0 41	9 2	1 24	16 6	3 8	21 33	21 20	13 20	16 27	3 13
S 16	18 38	15 29	4 5	24 41	2 17	17 25	0 56	10 28	2 12	3 35	0 48	7 9	2 37	15 11	0 41	9 2	1 24	16 6	3 8	21 35	21 21	13 22	16 26	3 13
S 17	18 52	18 21	3 22	24 54	2 22	17 46	0 54	10 13	2 9	3 31	0 49	7 8	2 37	15 11	0 41	9 1	1 24	16 6	3 9	21 36	21 21	13 24	16 26	3 13
M18	19 6	20 26	2 31	25 6	2 26	18 5	0 52	9 58	2 6	3 28	0 49	7 7	2 37	15 11	0 41	9 1	1 24	16 6	3 9	21 37	21 22	13 26	16 25	3 13
T 19	19 20	21 39	1 32	25 17	2 30	18 25	0 50	9 42	2 3	3 25	0 49	7 6	2 37	15 10	0 41	9 0	1 24	16 6	3 9	21 37	21 22	13 28	16 24	3 13
W20	19 33	21 52	0 29	25 27	2 34	18 43	0 49	9 27	2 1	3 21	0 49	7 5	2 37	15 10	0 41	9 0	1 24	16 6	3 9	21 38	21 23	13 30	16 23	3 13
T 21	19 46	21 2	0n37	25 35	2 38	19 2	0 47	9 11	1 58	3 18	0 49	7 4	2 37	15 10	0 41	8 59	1 24	16 6	3 9	21 38	21 23	13 33	16 23	3 13
F 22	19 59	19 10	1 43	25 43	2 41	19 19	0 44	8 56	1 55	3 15	0 50	7 3	2 36	15 9	0 41	8 59	1 24	16 7	3 9	21 38	21 24	13 35	16 22	3 13
S 23	20 11	16 19	2 45	25 49	2 43	19 37	0 42	8 40	1 52	3 12	0 50	7 2	2 36	15 9	0 41	8 58	1 24	16 7	3 10	21 37	21 24	13 37	16 21	3 13
S 24	20 23	12 35	3 40	25 54	2 46	19 53	0 40	8 24	1 50	3 9	0 50	7 1	2 36	15 8	0 41	8 58	1 24	16 7	3 10	21 37	21 25	13 39	16 21	3 14
M25	20 35	8 5	4 25	25 58	2 48	20 9	0 38	8 9	1 47	3 6	0 50	7 0	2 36	15 8	0 41	8 57	1 24	16 7	3 10	21 38	21 25	13 41	16 20	3 14
T 26	20 46	3 2	4 55	26 1	2 49	20 25	0 36	7 53	1 45	3 3	0 50	6 59	2 36	15 7	0 41	8 57	1 24	16 7	3 10	21 38	21 26	13 43	16 19	3 14
W27	20 57	2s21	5 8	26 2	2 50	20 40	0 34	7 37	1 42	3 0	0 51	6 58	2 36	15 7	0 41	8 57	1 24	16 7	3 10	21 39	21 26	13 45	16 18	3 14
T 28	21 7	7 43	5 1	26 3	2 50	20 54	0 32	7 21	1 40	2 57	0 51	6 57	2 35	15 7	0 41	8 56	1 24	16 7	3 10	21 40	21 27	13 47	16 18	3 14
F 29	21 17	12 44	4 33	26 2	2 49	21 8	0 29	7 4	1 37	2 54	0 51	6 56	2 35	15 6	0 41	8 56	1 24	16 8	3 10	21 41	21 28	13 49	16 17	3 14
S 30	21s27	16s59	3n46	26s 1	2s48	21s22	0n27	6s48	1s35	2n52	0n51	6n55	2s35	15s 5	0s41	8n55	1s24	16n 8	3n11	21n42	21n28	13n51	16n16	3s14

Julian Day Number = 3063630.5, Delta T = 02h32m49s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'05, Lahiri = 47°21'06

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ASTRODIENST EPHEMERIS for the year 3675
geocentric

DECEMBER 3675 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 42 41	9♐ 2'58	18♐45	2♑11	11♐39	16♓57	24♍51	24°R14	20♒47	26°R45	24°R48	20°R16	21♋48	22♉20	27°R27	S 1
M 2	4 46 37	10° 3'02	3♑41	2°56	12°54	17°33	24°58	24♈12	20°49	26♈44	24♌48	20♋13	21°45	22°26	27♉24	M 2
T 3	4 50 34	11° 3'07	18°16	3°37	14°10	18°10	25° 5	24° 9	20°50	26°43	24°48	20°D12	21°42	22°33	27°21	T 3
W 4	4 54 30	12° 3'14	2♒25	4°12	15°25	18°47	25°12	24° 7	20°52	26°42	24°48	20°12	21°39	22°40	27°18	W 4
T 5	4 58 27	13° 3'23	16° 5	4°41	16°40	19°24	25°19	24° 5	20°54	26°41	24°47	20°14	21°36	22°47	27°15	T 5
F 6	5 2 23	14° 3'32	29°19	5° 3	17°55	20° 2	25°25	24° 2	20°56	26°40	24°47	20°15	21°32	22°53	27°12	F 6
S 7	5 6 20	15° 3'44	12♓ 8	5°18	19°10	20°39	25°32	24° 0	20°58	26°39	24°47	20°R16	21°29	23° 0	27°10	S 7
S 8	5 10 16	16° 3'56	24°38	5°R24	20°25	21°17	25°38	23°58	20°59	26°38	24°47	20°16	21°26	23° 7	27° 7	S 8
M 9	5 14 13	17° 4'10	6♈52	5°22	21°41	21°55	25°44	23°56	21° 1	26°37	24°46	20°14	21°23	23°13	27° 4	M 9
T 10	5 18 10	18° 4'25	18°55	5°11	22°56	22°33	25°50	23°55	21° 3	26°36	24°46	20°11	21°20	23°20	27° 1	T 10
W11	5 22 6	19° 4'42	0♉51	4°50	24°11	23°11	25°56	23°53	21° 6	26°35	24°45	20° 6	21°17	23°27	26°58	W11
T 12	5 26 3	20° 5'00	12°43	4°18	25°26	23°49	26° 2	23°51	21° 8	26°34	24°45	20° 1	21°13	23°34	26°56	T 12
F 13	5 29 59	21° 5'20	24°34	3°36	26°41	24°27	26° 7	23°50	21°10	26°33	24°45	19°55	21°10	23°40	26°53	F 13
S 14	5 33 56	22° 5'41	6♊26	2°44	27°57	25° 6	26°13	23°49	21°12	26°32	24°44	19°50	21° 7	23°47	26°50	S 14
S 15	5 37 52	23° 6'04	18°23	1°42	29°12	25°44	26°18	23°47	21°14	26°32	24°44	19°46	21° 4	23°54	26°48	S 15
M16	5 41 49	24° 6'28	0♋24	0°32	0♑27	26°23	26°23	23°46	21°16	26°31	24°43	19°43	21° 1	24° 0	26°45	M16
T 17	5 45 45	25° 6'53	12°33	29♐16	1°42	27° 2	26°28	23°45	21°19	26°30	24°43	19°42	20°57	24° 7	26°43	T 17
W18	5 49 42	26° 7'20	24°50	27°56	2°57	27°41	26°33	23°44	21°21	26°30	24°42	19°D42	20°54	24°14	26°40	W18
T 19	5 53 39	27° 7'49	7♌17	26°34	4°13	28°20	26°37	23°43	21°24	26°29	24°41	19°42	20°51	24°20	26°38	T 19
F 20	5 57 35	28° 8'19	19°57	25°13	5°28	28°59	26°42	23°43	21°26	26°28	24°41	19°44	20°48	24°27	26°35	F 20
S 21	6 1 32	29° 8'51	2♍52	23°56	6°43	29°38	26°46	23°42	21°28	26°28	24°40	19°46	20°45	24°34	26°33	S 21
S 22	6 5 28	0♑ 9'25	16° 4	22°45	7°58	0♈18	26°50	23°41	21°31	26°27	24°39	19°47	20°42	24°41	26°31	S 22
M23	6 9 25	1°10'00	29°36	21°43	9°14	0°57	26°54	23°41	21°33	26°27	24°39	19°R47	20°38	24°47	26°28	M23
T 24	6 13 21	2°10'37	13♎28	20°50	10°29	1°36	26°57	23°41	21°36	26°26	24°38	19°47	20°35	24°54	26°26	T 24
W25	6 17 18	3°11'15	27°41	20° 9	11°44	2°16	27° 1	23°40	21°39	26°26	24°37	19°46	20°32	25° 1	26°24	W25
T 26	6 21 15	4°11'55	12♏13	19°38	12°59	2°56	27° 4	23°40	21°41	26°26	24°37	19°44	20°29	25° 7	26°21	T 26
F 27	6 25 11	5°12'36	27° 0	19°20	14°15	3°35	27° 7	23°D40	21°44	26°25	24°36	19°42	20°26	25°14	26°19	F 27
S 28	6 29 8	6°13'19	11♐54	19°D12	15°30	4°15	27°10	23°40	21°47	26°25	24°35	19°40	20°23	25°21	26°17	S 28
S 29	6 33 4	7°14'04	26°49	19°16	16°45	4°55	27°13	23°40	21°49	26°25	24°34	19°39	20°19	25°27	26°15	S 29
M30	6 37 1	8°14'49	11♑37	19°29	18° 1	5°35	27°16	23°41	21°52	26°24	24°33	19°38	20°16	25°34	26°13	M30
T 31	6 40 57	9♑15'36	26♑ 9	19♐52	19♑16	6♈15	27♍18	23♈41	21♒55	26♈24	24♌32	19°D38	20♋13	25♉41	26♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s36	20s 3	2n42	25s58	2s46	21s34	0n25	6s32	1s32	2n49	0n51	6n55	2s35	15s 5	0s41	8n55	1s24	16n 8	3n11	21n43	21n29	13n54	16n16	3s14
M 2	21 45	21 42	1 29	25 54	2 43	21 46	0 22	6 15	1 30	2 46	0 52	6 54	2 35	15 4	0 41	8 55	1 24	16 8	3 11	21 43	21 29	13 56	16 15	3 14
T 3	21 54	21 49	0 10	25 49	2 39	21 58	0 20	5 59	1 28	2 44	0 52	6 53	2 34	15 4	0 41	8 54	1 24	16 8	3 11	21 43	21 30	13 58	16 14	3 14
W 4	22 2	20 31	1s 6	25 43	2 34	22 8	0 18	5 42	1 25	2 41	0 52	6 52	2 34	15 3	0 41	8 54	1 24	16 9	3 11	21 43	21 30	14 0	16 14	3 14
T 5	22 10	18 2	2 16	25 36	2 28	22 18	0 15	5 26	1 23	2 39	0 52	6 52	2 34	15 3	0 41	8 54	1 24	16 9	3 11	21 43	21 30	14 2	16 13	3 14
F 6	22 17	14 41	3 17	25 28	2 21	22 28	0 13	5 9	1 21	2 36	0 52	6 51	2 34	15 2	0 41	8 53	1 24	16 9	3 11	21 43	21 31	14 4	16 12	3 14
S 7	22 24	10 44	4 6	25 19	2 12	22 36	0 11	4 52	1 18	2 34	0 53	6 51	2 34	15 1	0 41	8 53	1 24	16 9	3 12	21 43	21 31	14 6	16 12	3 14
S 8	22 30	6 26	4 42	25 9	2 3	22 45	0 8	4 36	1 16	2 32	0 53	6 50	2 33	15 1	0 41	8 53	1 24	16 10	3 12	21 43	21 32	14 8	16 11	3 14
M 9	22 36	1 57	5 4	24 58	1 51	22 52	0 6	4 19	1 14	2 30	0 53	6 50	2 33	15 0	0 41	8 52	1 24	16 10	3 12	21 43	21 32	14 10	16 10	3 14
T 10	22 42	2n31	5 12	24 46	1 39	22 59	0 4	4 2	1 12	2 27	0 53	6 49	2 33	14 59	0 41	8 52	1 24	16 10	3 12	21 43	21 33	14 12	16 10	3 14
W11	22 47	6 52	5 7	24 32	1 24	23 5	0 1	3 45	1 9	2 25	0 54	6 49	2 33	14 59	0 41	8 52	1 24	16 10	3 12	21 44	21 33	14 14	16 9	3 14
T 12	22 51	10 56	4 48	24 18	1 9	23 10	0s 1	3 28	1 7	2 23	0 54	6 49	2 33	14 58	0 41	8 51	1 24	16 11	3 12	21 45	21 34	14 16	16 8	3 14
F 13	22 56	14 34	4 17	24 2	0 52	23 15	0 4	3 11	1 5	2 21	0 54	6 48	2 32	14 57	0 41	8 51	1 23	16 11	3 12	21 46	21 34	14 19	16 8	3 14
S 14	22 59	17 39	3 35	23 45	0 33	23 19	0 6	2 54	1 3	2 19	0 54	6 48	2 32	14 57	0 40	8 51	1 23	16 11	3 13	21 46	21 35	14 21	16 7	3 14
S 15	23 3	20 0	2 44	23 27	0 14	23 22	0 9	2 37	1 1	2 18	0 54	6 48	2 32	14 56	0 40	8 51	1 23	16 11	3 13	21 47	21 35	14 23	16 7	3 14
M16	23 6	21 29	1 44	23 7	0n 6	23 24	0 11	2 20	0 59	2 16	0 55	6 47	2 32	14 55	0 40	8 50	1 23	16 12	3 13	21 47	21 36	14 25	16 6	3 14
T 17	23 8	21 59	0 39	22 47	0 26	23 26	0 13	2 2	0 57	2 14	0 55	6 47	2 31	14 54	0 40	8 50	1 23	16 12	3 13	21 48	21 36	14 27	16 6	3 14
W18	23 10	21 26	0n28	22 26	0 47	23 27	0 16	1 45	0 55	2 12	0 55	6 47	2 31	14 54	0 40	8 50	1 23	16 12	3 13	21 48	21 37	14 29	16 5	3 14
T 19	23 12	19 49	1 35	22 4	1 6	23 28	0 18	1 28	0 53	2 11	0 55	6 47	2 31	14 53	0 40	8 50	1 23	16 13	3 13	21 47	21 37	14 31	16 4	3 14
F 20	23 13	17 13	2 39	21 44	1 25	23 27	0 21	1 11	0 51	2 9	0 56	6 47	2 31	14 52	0 40	8 50	1 23	16 13	3 13	21 47	21 38	14 33	16 4	3 14
S 21	23 13	13 43	3 36	21 24	1 42	23 26	0 23	0 53	0 49	2 8	0 56	6 47	2 30	14 51	0 40	8 50	1 23	16 13	3 14	21 47	21 38	14 35	16 3	3 14
S 22	23 13	9 29	4 23	21 5	1 57	23 24	0 25	0 36	0 47	2 7	0 56	6 47	2 30	14 50	0 40	8 49	1 23	16 14	3 14	21 47	21 39	14 37	16 3	3 14
M23	23 13	4 42	4 57	20 49	2 10	23 22	0 28	0 19	0 45	2 5	0 56	6 47	2 30	14 50	0 40	8 49	1 23	16 14	3 14	21 47	21 39	14 39	16 2	3 14
T 24	23 12	0s26	5 14	20 34	2 20	23 19	0 30	0 2	0 43	2 4	0 57	6 47	2 30	14 49	0 40	8 49	1 23	16 15	3 14	21 47	21 40	14 41	16 2	3 14
W25	23 11	5 41	5 13	20 23	2 29	23 15	0 32	0n16	0 41	2 3	0 57	6 47	2 30	14 48	0 40	8 49	1 23	16 15	3 14	21 47	21 40	14 43	16 1	3 14
T 26	23 9	10 43	4 52	20 15	2 35	23 10	0 35	0 33	0 39	2 2	0 57	6 47	2 29	14 47	0 40	8 49	1 23	16 15	3 14	21 47	21 41	14 45	16 1	3 14
F 27	23 7	15 13	4 12	20 9	2 39	23 5	0 37	0 50	0 38	2 1	0 57	6 48	2 29	14 46	0 40	8 49	1 23	16 16	3 14	21 47	21 41	14 47	16 1	3 14
S 28	23 5	18 48	3 14	20 6	2 42	22 59	0 39	1 8	0 36	2 0	0 58	6 48	2 29	14 45	0 40	8 49	1 23	16 16	3 15	21 48	21 42	14 49	16 0	3 14
S 29	23 2	21 8	2 3	20 6	2 42	22 52	0 41	1 25	0 34	1 59	0 58	6 48	2 29	14 44	0 40	8 49	1 23	16 16	3 15	21 48	21 42	14 51	16 0	3 14
M30	22 58	21 59	0 44	20 8	2 41	22 45	0 44	1 42	0 32	1 58	0 58	6 49	2 28	14 43	0 40	8 49	1 23	16 17	3 15	21 48	21 43	14 54	15 59	3 14
T 31	22s54	21s19	0s36	20s12	2n39	22s36	0s46	2n 0	0s31	1n57	0n58	6n49	2s28	14s43	0s40	8n49	1s23	16n17	3n15	21n48	21n43	14n56	15n59	3s14

Julian Day Number = 3063660.5, Delta T = 02h32m50s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'10, Lahiri = 47°21'10

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

JANUARY 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 44 54	10♑16'23	10♒20	20♐23	20♑31	6♈56	27♍20	23♈42	21♒58	26°R24	24°R32	19♋39	20♋10	25♉48	26°R 9	W 1
T 2	6 48 50	11°17'12	24° 6	21° 1	21°46	7°36	27°22	23°42	22° 1	26♈24	24♌31	19°40	20° 7	25°54	26♉ 7	T 2
F 3	6 52 47	12°18'01	7♓27	21°46	23° 2	8°16	27°24	23°43	22° 4	26°24	24°30	19°40	20° 3	26° 1	26° 5	F 3
S 4	6 56 44	13°18'51	20°23	22°36	24°17	8°57	27°26	23°44	22° 7	26°23	24°29	19°41	20° 0	26° 8	26° 3	S 4
S 5	7 0 40	14°19'42	2♈58	23°32	25°32	9°37	27°27	23°45	22°10	26°23	24°28	19°42	19°57	26°14	26° 2	S 5
M 6	7 4 37	15°20'33	15°15	24°32	26°48	10°17	27°29	23°46	22°13	26°D23	24°27	19°R42	19°54	26°21	26° 0	M 6
T 7	7 8 33	16°21'25	27°19	25°36	28° 3	10°58	27°30	23°47	22°16	26°23	24°26	19°42	19°51	26°28	25°58	T 7
W 8	7 12 30	17°22'18	9♉14	26°44	29°18	11°39	27°31	23°48	22°19	26°23	24°25	19°41	19°48	26°34	25°57	W 8
T 9	7 16 26	18°23'11	21° 5	27°55	0♒33	12°19	27°31	23°50	22°22	26°23	24°24	19°41	19°44	26°41	25°55	T 9
F 10	7 20 23	19°24'05	2♊56	29° 8	1°49	13° 0	27°32	23°51	22°25	26°24	24°23	19°D41	19°41	26°48	25°54	F 10
S 11	7 24 19	20°24'59	14°51	0♑23	3° 4	13°41	27°32	23°53	22°28	26°24	24°22	19°41	19°38	26°54	25°52	S 11
S 12	7 28 16	21°25'54	26°52	1°41	4°19	14°22	27°R32	23°55	22°31	26°24	24°21	19°41	19°35	27° 1	25°51	S 12
M13	7 32 13	22°26'50	9♋ 3	3° 0	5°34	15° 2	27°32	23°56	22°34	26°24	24°20	19°41	19°32	27° 8	25°50	M13
T 14	7 36 9	23°27'46	21°25	4°20	6°50	15°43	27°32	23°58	22°37	26°24	24°19	19°R41	19°29	27°15	25°48	T 14
W15	7 40 6	24°28'43	4♌ 0	5°42	8° 5	16°24	27°31	24° 0	22°41	26°25	24°17	19°41	19°25	27°21	25°47	W15
T 16	7 44 2	25°29'41	16°47	7° 5	9°20	17° 5	27°31	24° 2	22°44	26°25	24°16	19°41	19°22	27°28	25°46	T 16
F 17	7 47 59	26°30'39	29°48	8°29	10°35	17°46	27°30	24° 5	22°47	26°25	24°15	19°40	19°19	27°35	25°45	F 17
S 18	7 51 55	27°31'38	13♍ 3	9°54	11°51	18°27	27°29	24° 7	22°50	26°26	24°14	19°39	19°16	27°41	25°44	S 18
S 19	7 55 52	28°32'38	26°30	11°20	13° 6	19° 8	27°28	24° 9	22°54	26°26	24°13	19°38	19°13	27°48	25°43	S 19
M20	7 59 48	29°33'38	10♎11	12°47	14°21	19°49	27°26	24°12	22°57	26°27	24°12	19°37	19° 9	27°55	25°42	M20
T 21	8 3 45	0♒34'39	24° 3	14°14	15°36	20°30	27°24	24°14	23° 0	26°27	24°10	19°37	19° 6	28° 1	25°41	T 21
W22	8 7 42	1°35'41	8♏ 7	15°41	16°52	21°12	27°23	24°17	23° 4	26°28	24° 9	19°D37	19° 3	28° 8	25°40	W22
T 23	8 11 38	2°36'43	22°21	17°10	18° 7	21°53	27°21	24°20	23° 7	26°28	24° 8	19°37	19° 0	28°15	25°40	T 23
F 24	8 15 35	3°37'46	6♐43	18°39	19°22	22°34	27°18	24°23	23°11	26°29	24° 7	19°38	18°57	28°21	25°39	F 24
S 25	8 19 31	4°38'50	21°10	20° 8	20°37	23°15	27°16	24°26	23°14	26°29	24° 6	19°39	18°54	28°28	25°38	S 25
S 26	8 23 28	5°39'55	5♑37	21°38	21°53	23°57	27°13	24°29	23°17	26°30	24° 4	19°40	18°50	28°35	25°38	S 26
M27	8 27 24	6°40'59	19°59	23° 8	23° 8	24°38	27°11	24°32	23°21	26°31	24° 3	19°R41	18°47	28°42	25°37	M27
T 28	8 31 21	7°42'04	4♒12	24°38	24°23	25°19	27° 8	24°35	23°24	26°31	24° 2	19°40	18°44	28°48	25°37	T 28
W29	8 35 18	8°43'09	18°11	26° 9	25°38	26° 0	27° 4	24°39	23°28	26°32	24° 1	19°39	18°41	28°55	25°36	W29
T 30	8 39 14	9°44'15	1♓52	27°41	26°53	26°42	27° 1	24°42	23°31	26°33	23°59	19°36	18°38	29° 2	25°36	T 30
F 31	8 43 11	10♒45'20	15♓12	29♑13	28♒ 9	27♈23	26♍57	24♈46	23♒35	26♈34	23♌58	19♋33	18♋35	29♉ 8	25♉36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s50	19s18	1s52	20s17	2n36	22s28	0s48	2n17	0s29	1n57	0n59	6n49	2s28	14s42	0s40	8n49	1s23	16n18	3n15	21n48	21n43	14n58	15n58	3s14
T 2	22 45	16 12	3 0	20 24	2 31	22 18	0 50	2 34	0 27	1 56	0 59	6 50	2 28	14 41	0 40	8 48	1 23	16 18	3 15	21 48	21 44	15 0	15 58	3 14
F 3	22 40	12 20	3 55	20 32	2 26	22 8	0 52	2 52	0 26	1 56	0 59	6 50	2 27	14 40	0 40	8 48	1 23	16 19	3 15	21 48	21 44	15 2	15 58	3 14
S 4	22 34	8 1	4 37	20 41	2 20	21 57	0 54	3 9	0 24	1 55	0 59	6 51	2 27	14 39	0 40	8 48	1 23	16 19	3 15	21 48	21 45	15 4	15 57	3 13
S 5	22 28	3 29	5 4	20 50	2 14	21 46	0 56	3 26	0 22	1 55	1 0	6 52	2 27	14 38	0 40	8 49	1 23	16 19	3 16	21 48	21 45	15 6	15 57	3 13
M 6	22 21	1n 5	5 16	21 0	2 7	21 34	0 58	3 43	0 21	1 55	1 0	6 52	2 27	14 37	0 40	8 49	1 23	16 20	3 16	21 48	21 46	15 8	15 57	3 13
T 7	22 14	5 31	5 15	21 9	2 0	21 21	1 0	4 1	0 19	1 54	1 0	6 53	2 26	14 36	0 40	8 49	1 23	16 20	3 16	21 48	21 46	15 10	15 56	3 13
W 8	22 6	9 42	4 59	21 19	1 52	21 7	1 2	4 18	0 18	1 54	1 0	6 53	2 26	14 35	0 40	8 49	1 22	16 21	3 16	21 48	21 47	15 12	15 56	3 13
T 9	21 58	13 30	4 31	21 28	1 44	20 53	1 4	4 35	0 16	1 54	1 1	6 54	2 26	14 34	0 40	8 49	1 22	16 21	3 16	21 48	21 47	15 14	15 56	3 13
F 10	21 50	16 46	3 52	21 37	1 36	20 39	1 6	4 52	0 14	1 54	1 1	6 55	2 26	14 33	0 40	8 49	1 22	16 22	3 16	21 48	21 48	15 16	15 56	3 13
S 11	21 41	19 22	3 2	21 45	1 28	20 23	1 7	5 9	0 13	1 54	1 1	6 56	2 25	14 32	0 40	8 49	1 22	16 22	3 16	21 48	21 48	15 18	15 55	3 13
S 12	21 32	21 8	2 3	21 53	1 20	20 7	1 9	5 26	0 11	1 55	1 1	6 57	2 25	14 31	0 40	8 49	1 22	16 23	3 16	21 48	21 49	15 20	15 55	3 13
M13	21 22	21 56	0 59	21 59	1 12	19 51	1 11	5 43	0 10	1 55	1 2	6 58	2 25	14 30	0 40	8 49	1 22	16 23	3 17	21 48	21 49	15 22	15 55	3 13
T 14	21 12	21 42	0n10	22 6	1 4	19 34	1 12	6 0	0 8	1 55	1 2	6 58	2 25	14 29	0 40	8 49	1 22	16 24	3 17	21 48	21 49	15 24	15 55	3 13
W15	21 2	20 21	1 19	22 11	0 55	19 16	1 14	6 17	0 7	1 56	1 2	6 59	2 24	14 28	0 40	8 49	1 22	16 24	3 17	21 48	21 50	15 26	15 54	3 13
T 16	20 51	17 58	2 25	22 15	0 47	18 58	1 15	6 34	0 6	1 56	1 2	7 0	2 24	14 27	0 40	8 50	1 22	16 24	3 17	21 48	21 50	15 28	15 54	3 13
F 17	20 40	14 38	3 25	22 18	0 39	18 39	1 17	6 51	0 4	1 57	1 3	7 1	2 24	14 26	0 40	8 50	1 22	16 25	3 17	21 48	21 51	15 30	15 54	3 12
S 18	20 28	10 32	4 15	22 21	0 31	18 20	1 18	7 8	0 3	1 57	1 3	7 2	2 24	14 24	0 40	8 50	1 22	16 25	3 17	21 48	21 51	15 32	15 54	3 12
S 19	20 16	5 51	4 51	22 22	0 23	18 0	1 20	7 24	0 1	1 58	1 3	7 4	2 23	14 23	0 40	8 50	1 22	16 26	3 17	21 48	21 52	15 34	15 54	3 12
M20	20 4	0 48	5 13	22 22	0 15	17 40	1 21	7 41	0 0	1 59	1 3	7 5	2 23	14 22	0 40	8 50	1 22	16 26	3 17	21 48	21 52	15 36	15 54	3 12
T 21	19 51	4s21	5 16	22 21	0 7	17 19	1 22	7 58	0n 1	2 0	1 4	7 6	2 23	14 21	0 40	8 50	1 22	16 27	3 17	21 48	21 53	15 38	15 54	3 12
W22	19 38	9 20	5 1	22 19	0s 1	16 58	1 23	8 14	0 3	2 1	1 4	7 7	2 23	14 20	0 40	8 51	1 22	16 27	3 18	21 48	21 53	15 40	15 54	3 12
T 23	19 24	13 53	4 27	22 16	0 8	16 36	1 25	8 31	0 4	2 2	1 4	7 8	2 22	14 19	0 40	8 51	1 22	16 28	3 18	21 48	21 53	15 42	15 53	3 12
F 24	19 10	17 41	3 36	22 12	0 15	16 14	1 26	8 47	0 5	2 3	1 4	7 10	2 22	14 18	0 40	8 51	1 22	16 28	3 18	21 48	21 54	15 44	15 53	3 12
S 25	18 56	20 25	2 31	22 6	0 23	15 51	1 27	9 3	0 6	2 4	1 5	7 11	2 22	14 17	0 40	8 51	1 22	16 29	3 18	21 48	21 54	15 46	15 53	3 12
S 26	18 41	21 49	1 17	21 59	0 30	15 28	1 28	9 20	0 8	2 5	1 5	7 12	2 22	14 16	0 40	8 52	1 22	16 29	3 18	21 48	21 55	15 48	15 53	3 12
M27	18 26	21 47	0s 2	21 52	0 37	15 5	1 29	9 36	0 9	2 7	1 5	7 14	2 22	14 15	0 40	8 52	1 22	16 30	3 18	21 48	21 55	15 50	15 53	3 11
T 28	18 11	20 19	1 19	21 43	0 43	14 41	1 29	9 52	0 10	2 8	1 5	7 15	2 21	14 13	0 40	8 52	1 22	16 30	3 18	21 48	21 56	15 52	15 53	3 11
W29	17 55	17 38	2 31	21 33	0 50	14 16	1 30	10 8	0 11	2 10	1 6	7 16	2 21	14 12	0 40	8 53	1 22	16 31	3 18	21 48	21 56	15 54	15 53	3 11
T 30	17 39	14 1	3 32	21 21	0 56	13 52	1 31	10 24	0 12	2 11	1 6	7 18	2 21	14 11	0 40	8 53	1 22	16 32	3 18	21 48	21 56	15 56	15 53	3 11
F 31	17s23	9s47	4s20	21s 9	1s 2	13s27	1s31	10n40	0n14	2n13	1n 6	7n19	2s21	14s10	0s40	8n53	1s22	16n32	3n18	21n49	21n57	15n58	15n53	3s11

Julian Day Number = 3063691.5, Delta T = 02h32m51s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'14, Lahiri = 47°21'14

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

FEBRUARY 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 47 7	11♒46'25	28♓10	0♒45	29♒24	28♈ 5	26°R54	24♈50	23♒38	26♈35	23°R57	19°R29	18♋31	29♉15	25°R36	S 1
S 2	8 51 4	12°47'29	10♈49	2°17	0♓39	28°46	26♍50	24°53	23°42	26°36	23♌55	19♋26	18°28	29°22	25♉35	S 2
M 3	8 55 0	13°48'34	23° 9	3°50	1°54	29°27	26°46	24°57	23°45	26°37	23°54	19°24	18°25	29°28	25°35	M 3
T 4	8 58 57	14°49'38	5♉15	5°24	3° 9	0♉ 9	26°42	25° 1	23°49	26°38	23°53	19°22	18°22	29°35	25°D35	T 4
W 5	9 2 53	15°50'41	17°11	6°57	4°24	0°50	26°37	25° 5	23°52	26°39	23°51	19°D21	18°19	29°42	25°35	W 5
T 6	9 6 50	16°51'45	29° 2	8°32	5°39	1°32	26°33	25° 9	23°56	26°40	23°50	19°22	18°15	29°48	25°35	T 6
F 7	9 10 47	17°52'48	10♊53	10° 6	6°55	2°13	26°28	25°13	23°59	26°41	23°49	19°24	18°12	29°55	25°36	F 7
S 8	9 14 43	18°53'50	22°48	11°41	8°10	2°55	26°23	25°18	24° 3	26°42	23°47	19°26	18° 9	0♊ 2	25°36	S 8
S 9	9 18 40	19°54'53	4♋53	13°17	9°25	3°36	26°18	25°22	24° 6	26°43	23°46	19°27	18° 6	0° 9	25°36	S 9
M10	9 22 36	20°55'54	17°11	14°53	10°40	4°18	26°13	25°27	24°10	26°44	23°45	19°R28	18° 3	0°15	25°37	M10
T 11	9 26 33	21°56'55	29°45	16°29	11°55	4°59	26° 7	25°31	24°13	26°45	23°43	19°28	18° 0	0°22	25°37	T 11
W12	9 30 29	22°57'56	12♌37	18° 6	13°10	5°41	26° 2	25°36	24°17	26°46	23°42	19°25	17°56	0°29	25°37	W12
T 13	9 34 26	23°58'56	25°46	19°44	14°25	6°22	25°56	25°40	24°20	26°48	23°41	19°22	17°53	0°35	25°38	T 13
F 14	9 38 22	24°59'56	9♍13	21°22	15°40	7° 4	25°50	25°45	24°24	26°49	23°39	19°16	17°50	0°42	25°39	F 14
S 15	9 42 19	26° 0'55	22°55	23° 1	16°55	7°45	25°44	25°50	24°28	26°50	23°38	19°10	17°47	0°49	25°39	S 15
S 16	9 46 16	27° 1'54	6♎49	24°40	18° 9	8°27	25°38	25°55	24°31	26°51	23°37	19° 4	17°44	0°55	25°40	S 16
M17	9 50 12	28° 2'53	20°51	26°20	19°24	9° 8	25°32	26° 0	24°35	26°53	23°35	18°58	17°40	1° 2	25°41	M17
T 18	9 54 9	29° 3'51	4♏58	28° 0	20°39	9°50	25°25	26° 5	24°38	26°54	23°34	18°54	17°37	1° 9	25°42	T 18
W19	9 58 5	0♓ 4'49	19° 7	29°41	21°54	10°31	25°19	26°10	24°42	26°56	23°33	18°52	17°34	1°15	25°43	W19
T 20	10 2 2	1° 5'47	3♐16	1♓22	23° 9	11°13	25°12	26°15	24°45	26°57	23°31	18°D51	17°31	1°22	25°43	T 20
F 21	10 5 58	2° 6'45	17°23	3° 5	24°24	11°54	25° 6	26°21	24°49	26°59	23°30	18°52	17°28	1°29	25°45	F 21
S 22	10 9 55	3° 7'42	1♑27	4°47	25°39	12°36	24°59	26°26	24°52	27° 0	23°29	18°53	17°25	1°35	25°46	S 22
S 23	10 13 51	4° 8'38	15°26	6°31	26°53	13°17	24°52	26°31	24°56	27° 2	23°28	18°R54	17°21	1°42	25°47	S 23
M24	10 17 48	5° 9'34	29°20	8°15	28° 8	13°58	24°45	26°37	24°59	27° 3	23°26	18°54	17°18	1°49	25°48	M24
T 25	10 21 45	6°10'30	13♒ 5	9°59	29°23	14°40	24°38	26°42	25° 3	27° 5	23°25	18°51	17°15	1°55	25°49	T 25
W26	10 25 41	7°11'25	26°41	11°44	0♈38	15°21	24°30	26°48	25° 6	27° 6	23°24	18°46	17°12	2° 2	25°51	W26
T 27	10 29 38	8°12'18	10♓ 3	13°30	1°52	16° 3	24°23	26°54	25°10	27° 8	23°22	18°39	17° 9	2° 9	25°52	T 27
F 28	10 33 34	9°13'11	23°11	15°16	3° 7	16°44	24°16	26°59	25°13	27°10	23°21	18°30	17° 6	2°16	25°53	F 28
S 29	10 37 31	10♓14'03	6♈ 2	17♓ 3	4♈21	17♉26	24♍ 8	27♈ 5	25♒17	27♈11	23♌20	18♋20	17♋ 2	2♊22	25♉55	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 6	5s13	4s53	20s55	1s 8	13s 1	1s32	10n55	0n15	2n14	1n 6	7n21	2s20	14s 9	0s40	8n54	1s21	16n33	3n18	21n49	21n57	16n 0	15n53	3s11
S 2	16 49	0 32	5 11	20 40	1 14	12 35	1 33	11 11	0 16	2 16	1 7	7 22	2 20	14 8	0 40	8 54	1 21	16 33	3 19	21 50	21 58	16 2	15 54	3 11
M 3	16 32	4n 3	5 14	20 24	1 19	12 9	1 33	11 27	0 17	2 18	1 7	7 24	2 20	14 7	0 40	8 54	1 21	16 34	3 19	21 50	21 58	16 4	15 54	3 11
T 4	16 14	8 23	5 3	20 7	1 24	11 43	1 33	11 42	0 18	2 20	1 7	7 26	2 20	14 5	0 40	8 55	1 21	16 34	3 19	21 50	21 59	16 5	15 54	3 11
W 5	15 57	12 21	4 38	19 48	1 29	11 16	1 34	11 58	0 19	2 22	1 7	7 27	2 20	14 4	0 40	8 55	1 21	16 35	3 19	21 50	21 59	16 7	15 54	3 11
T 6	15 38	15 49	4 2	19 29	1 34	10 49	1 34	12 13	0 20	2 24	1 7	7 29	2 19	14 3	0 40	8 56	1 21	16 35	3 19	21 50	21 59	16 9	15 54	3 10
F 7	15 20	18 38	3 16	19 8	1 38	10 21	1 34	12 28	0 21	2 26	1 8	7 31	2 19	14 2	0 40	8 56	1 21	16 36	3 19	21 50	22 0	16 11	15 54	3 10
S 8	15 1	20 41	2 21	18 46	1 42	9 54	1 34	12 43	0 22	2 28	1 8	7 32	2 19	14 1	0 40	8 56	1 21	16 36	3 19	21 50	22 0	16 13	15 54	3 10
S 9	14 43	21 49	1 19	18 23	1 46	9 26	1 34	12 58	0 23	2 30	1 8	7 34	2 19	14 0	0 40	8 57	1 21	16 37	3 19	21 50	22 1	16 15	15 54	3 10
M10	14 23	21 55	0 13	17 58	1 50	8 57	1 34	13 13	0 24	2 32	1 8	7 36	2 18	13 58	0 40	8 57	1 21	16 37	3 19	21 49	22 1	16 17	15 55	3 10
T 11	14 4	20 56	0n56	17 33	1 53	8 29	1 34	13 28	0 25	2 35	1 9	7 38	2 18	13 57	0 40	8 58	1 21	16 38	3 19	21 50	22 2	16 19	15 55	3 10
W12	13 44	18 50	2 3	17 6	1 56	8 0	1 34	13 43	0 26	2 37	1 9	7 40	2 18	13 56	0 40	8 58	1 21	16 38	3 19	21 50	22 2	16 21	15 55	3 10
T 13	13 24	15 43	3 5	16 39	1 59	7 31	1 34	13 57	0 27	2 40	1 9	7 41	2 18	13 55	0 40	8 59	1 21	16 39	3 19	21 50	22 2	16 23	15 55	3 10
F 14	13 4	11 43	3 58	16 10	2 1	7 2	1 33	14 12	0 28	2 42	1 9	7 43	2 18	13 54	0 40	8 59	1 21	16 39	3 20	21 51	22 3	16 25	15 56	3 10
S 15	12 44	7 3	4 39	15 40	2 3	6 33	1 33	14 26	0 29	2 45	1 9	7 45	2 18	13 53	0 40	9 0	1 21	16 40	3 20	21 52	22 3	16 27	15 56	3 9
S 16	12 23	1 58	5 3	15 8	2 4	6 4	1 32	14 40	0 30	2 47	1 10	7 47	2 17	13 51	0 40	9 0	1 21	16 40	3 20	21 53	22 4	16 29	15 56	3 9
M17	12 3	3s16	5 10	14 36	2 6	5 34	1 32	14 54	0 31	2 50	1 10	7 49	2 17	13 50	0 40	9 1	1 21	16 41	3 20	21 54	22 4	16 31	15 56	3 9
T 18	11 42	8 22	4 58	14 3	2 7	5 4	1 31	15 8	0 32	2 52	1 10	7 51	2 17	13 49	0 40	9 1	1 21	16 41	3 20	21 54	22 4	16 33	15 57	3 9
W19	11 21	13 2	4 28	13 28	2 7	4 34	1 30	15 22	0 33	2 55	1 10	7 53	2 17	13 48	0 40	9 2	1 21	16 42	3 20	21 55	22 5	16 35	15 57	3 9
T 20	10 59	16 59	3 42	12 52	2 7	4 4	1 30	15 35	0 34	2 58	1 10	7 55	2 17	13 47	0 40	9 2	1 21	16 42	3 20	21 55	22 5	16 36	15 57	3 9
F 21	10 38	19 56	2 42	12 16	2 7	3 34	1 29	15 49	0 34	3 1	1 10	7 57	2 16	13 46	0 40	9 3	1 21	16 43	3 20	21 54	22 6	16 38	15 58	3 9
S 22	10 16	21 40	1 33	11 38	2 6	3 4	1 28	16 2	0 35	3 4	1 11	7 59	2 16	13 44	0 40	9 3	1 21	16 43	3 20	21 54	22 6	16 40	15 58	3 9
S 23	9 54	22 2	0 19	10 59	2 5	2 34	1 27	16 16	0 36	3 6	1 11	8 1	2 16	13 43	0 40	9 4	1 21	16 44	3 20	21 54	22 6	16 42	15 58	3 9
M24	9 32	21 1	0s56	10 19	2 3	2 3	1 26	16 29	0 37	3 9	1 11	8 4	2 16	13 42	0 40	9 5	1 21	16 44	3 20	21 54	22 7	16 44	15 59	3 8
T 25	9 10	18 46	2 7	9 38	2 1	1 33	1 25	16 42	0 38	3 12	1 11	8 6	2 16	13 41	0 40	9 5	1 21	16 45	3 20	21 55	22 7	16 46	15 59	3 8
W26	8 48	15 29	3 9	8 56	1 59	1 2	1 24	16 54	0 39	3 15	1 11	8 8	2 16	13 40	0 40	9 6	1 21	16 45	3 20	21 55	22 8	16 48	16 0	3 8
T 27	8 25	11 26	4 0	8 12	1 55	0 31	1 22	17 7	0 39	3 18	1 11	8 10	2 15	13 39	0 40	9 6	1 21	16 46	3 20	21 56	22 8	16 50	16 0	3 8
F 28	8 3	6 56	4 37	7 28	1 52	0 1	1 21	17 20	0 40	3 21	1 12	8 12	2 15	13 37	0 40	9 7	1 21	16 46	3 20	21 57	22 9	16 52	16 0	3 8
S 29	7s40	2s12	4s59	6s43	1s47	0n30	1s20	17n32	0n41	3n24	1n12	8n14	2s15	13s36	0s40	9n 8	1s20	16n47	3n20	21n59	22n 9	16n54	16n 1	3s 8

Julian Day Number = 3063722.5, Delta T = 02h32m52s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'18, Lahiri = 47°21'19

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

MARCH 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 41 27	11♓14'54	18♈37	18♓49	5♈36	18♉ 7	24°R 1	27♈11	25♒20	27♈13	23°R18	18°R11	16♋59	2♊29	25♉56	S 1
M 2	10 45 24	12°15'44	0♉56	20°36	6°51	18°49	23♍53	27°17	25°24	27°15	23♌17	18♋ 2	16°56	2°36	25°58	M 2
T 3	10 49 20	13°16'32	13° 2	22°24	8° 5	19°30	23°45	27°23	25°27	27°16	23°16	17°55	16°53	2°42	26° 0	T 3
W 4	10 53 17	14°17'19	24°58	24°11	9°20	20°11	23°38	27°29	25°31	27°18	23°15	17°51	16°50	2°49	26° 1	W 4
T 5	10 57 13	15°18'05	6♊48	25°58	10°34	20°53	23°30	27°35	25°34	27°20	23°13	17°48	16°46	2°56	26° 3	T 5
F 6	11 1 10	16°18'50	18°38	27°44	11°48	21°34	23°22	27°41	25°37	27°22	23°12	17°D48	16°43	3° 2	26° 5	F 6
S 7	11 5 7	17°19'33	0♋32	29°30	13° 3	22°15	23°14	27°48	25°41	27°24	23°11	17°49	16°40	3° 9	26° 7	S 7
S 8	11 9 3	18°20'15	12°37	1♈16	14°17	22°57	23° 6	27°54	25°44	27°25	23°10	17°R49	16°37	3°16	26° 9	S 8
M 9	11 13 0	19°20'55	24°56	3° 0	15°31	23°38	22°59	28° 0	25°47	27°27	23° 9	17°49	16°34	3°22	26°11	M 9
T 10	11 16 56	20°21'34	7♌36	4°42	16°46	24°19	22°51	28° 7	25°51	27°29	23° 8	17°47	16°31	3°29	26°13	T 10
W11	11 20 53	21°22'11	20°38	6°22	18° 0	25° 1	22°43	28°13	25°54	27°31	23° 6	17°43	16°27	3°36	26°15	W11
T 12	11 24 49	22°22'47	4♍ 3	8° 0	19°14	25°42	22°35	28°19	25°57	27°33	23° 5	17°36	16°24	3°42	26°17	T 12
F 13	11 28 46	23°23'21	17°52	9°35	20°28	26°23	22°27	28°26	26° 1	27°35	23° 4	17°27	16°21	3°49	26°19	F 13
S 14	11 32 42	24°23'54	2♎ 1	11° 7	21°42	27° 4	22°19	28°32	26° 4	27°37	23° 3	17°16	16°18	3°56	26°22	S 14
S 15	11 36 39	25°24'26	16°24	12°34	22°56	27°46	22°11	28°39	26° 7	27°39	23° 2	17° 5	16°15	4° 2	26°24	S 15
M16	11 40 36	26°24'56	0♏55	13°57	24°10	28°27	22° 3	28°46	26°10	27°41	23° 1	16°55	16°12	4° 9	26°26	M16
T 17	11 44 32	27°25'25	15°27	15°14	25°24	29° 8	21°55	28°52	26°13	27°43	23° 0	16°46	16° 8	4°16	26°29	T 17
W18	11 48 29	28°25'53	29°54	16°25	26°38	29°49	21°47	28°59	26°17	27°45	22°59	16°41	16° 5	4°22	26°31	W18
T 19	11 52 25	29°26'20	14♐12	17°30	27°52	0♊30	21°40	29° 6	26°20	27°47	22°58	16°38	16° 2	4°29	26°34	T 19
F 20	11 56 22	0♈26'46	28°19	18°27	29° 6	1°11	21°32	29°13	26°23	27°49	22°57	16°D37	15°59	4°36	26°36	F 20
S 21	12 0 18	1°27'11	12♑14	19°16	0♉20	1°52	21°24	29°20	26°26	27°51	22°56	16°R37	15°56	4°43	26°39	S 21
S 22	12 4 15	2°27'34	25°57	19°56	1°33	2°33	21°16	29°26	26°29	27°53	22°55	16°37	15°52	4°49	26°41	S 22
M23	12 8 11	3°27'56	9♒29	20°28	2°47	3°14	21° 9	29°33	26°32	27°55	22°54	16°35	15°49	4°56	26°44	M23
T 24	12 12 8	4°28'17	22°50	20°50	4° 1	3°55	21° 1	29°40	26°35	27°57	22°53	16°31	15°46	5° 3	26°47	T 24
W25	12 16 5	5°28'36	6♓ 1	21° 3	5°14	4°36	20°54	29°47	26°38	28° 0	22°52	16°23	15°43	5° 9	26°49	W25
T 26	12 20 1	6°28'54	19° 1	21°R 5	6°28	5°17	20°46	29°54	26°41	28° 2	22°51	16°13	15°40	5°16	26°52	T 26
F 27	12 23 58	7°29'10	1♈49	20°59	7°41	5°58	20°39	0♉ 1	26°44	28° 4	22°50	16° 0	15°37	5°23	26°55	F 27
S 28	12 27 54	8°29'24	14°26	20°43	8°55	6°39	20°32	0° 8	26°47	28° 6	22°49	15°46	15°33	5°29	26°58	S 28
S 29	12 31 51	9°29'37	26°50	20°18	10° 8	7°20	20°24	0°16	26°49	28° 8	22°48	15°32	15°30	5°36	27° 1	S 29
M30	12 35 47	10°29'48	9♉ 2	19°45	11°21	8° 1	20°17	0°23	26°52	28°10	22°47	15°19	15°27	5°43	27° 4	M30
T 31	12 39 44	11♈29'58	21♉ 4	19♈ 5	12♉35	8♊42	20♍10	0♉30	26♒55	28♈13	22♌46	15♋ 9	15♋24	5♊49	27♉ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s17	2n30	5s 6	5s58	1s43	1n 0	1s18	17n44	0n42	3n28	1n12	8n17	2s15	13s35	0s40	9n 8	1s20	16n47	3n20	22n 0	22n 9	16n55	16n 1	3s 8
M 2	6 54	7 2	4 58	5 11	1 37	1 31	1 17	17 56	0 42	3 31	1 12	8 19	2 15	13 34	0 40	9 9	1 20	16 47	3 20	22 1	22 10	16 57	16 2	3 8
T 3	6 31	11 12	4 37	4 23	1 31	2 2	1 15	18 8	0 43	3 34	1 12	8 21	2 15	13 33	0 40	9 9	1 20	16 48	3 20	22 2	22 10	16 59	16 2	3 8
W 4	6 8	14 53	4 5	3 35	1 25	2 32	1 13	18 20	0 44	3 37	1 12	8 23	2 14	13 32	0 40	9 10	1 20	16 48	3 21	22 3	22 10	17 1	16 3	3 7
T 5	5 45	17 56	3 21	2 47	1 17	3 3	1 12	18 32	0 44	3 40	1 12	8 26	2 14	13 31	0 40	9 11	1 20	16 49	3 21	22 3	22 11	17 3	16 3	3 7
F 6	5 21	20 15	2 30	1 57	1 9	3 33	1 10	18 43	0 45	3 43	1 12	8 28	2 14	13 30	0 40	9 11	1 20	16 49	3 21	22 3	22 11	17 5	16 4	3 7
S 7	4 58	21 42	1 31	1 8	1 1	4 4	1 8	18 54	0 46	3 46	1 13	8 30	2 14	13 28	0 40	9 12	1 20	16 50	3 21	22 3	22 12	17 7	16 4	3 7
S 8	4 34	22 10	0 28	0 18	0 52	4 34	1 6	19 6	0 47	3 50	1 13	8 33	2 14	13 27	0 40	9 13	1 20	16 50	3 21	22 3	22 12	17 9	16 5	3 7
M 9	4 11	21 34	0n38	0n32	0 42	5 4	1 4	19 16	0 47	3 53	1 13	8 35	2 14	13 26	0 40	9 13	1 20	16 50	3 21	22 3	22 12	17 11	16 5	3 7
T 10	3 47	19 52	1 44	1 22	0 31	5 34	1 2	19 27	0 48	3 56	1 13	8 37	2 14	13 25	0 40	9 14	1 20	16 51	3 21	22 3	22 13	17 12	16 6	3 7
W11	3 24	17 6	2 46	2 12	0 20	6 4	1 0	19 38	0 48	3 59	1 13	8 40	2 14	13 24	0 40	9 15	1 20	16 51	3 21	22 4	22 13	17 14	16 7	3 7
T 12	3 0	13 21	3 40	3 1	0 8	6 34	0 58	19 48	0 49	4 2	1 13	8 42	2 13	13 23	0 40	9 16	1 20	16 52	3 21	22 5	22 14	17 16	16 7	3 7
F 13	2 36	8 48	4 23	3 50	0n 4	7 4	0 56	19 59	0 50	4 5	1 13	8 44	2 13	13 22	0 40	9 16	1 20	16 52	3 21	22 6	22 14	17 18	16 8	3 7
S 14	2 12	3 41	4 52	4 37	0 17	7 33	0 54	20 9	0 50	4 9	1 13	8 47	2 13	13 21	0 40	9 17	1 20	16 52	3 21	22 7	22 14	17 20	16 8	3 7
S 15	1 49	1s44	5 2	5 24	0 31	8 3	0 51	20 19	0 51	4 12	1 13	8 49	2 13	13 20	0 40	9 18	1 20	16 53	3 21	22 9	22 15	17 22	16 9	3 6
M16	1 25	7 6	4 53	6 8	0 44	8 32	0 49	20 28	0 51	4 15	1 13	8 52	2 13	13 19	0 40	9 18	1 20	16 53	3 21	22 10	22 15	17 24	16 9	3 6
T 17	1 1	12 4	4 26	6 51	0 58	9 1	0 46	20 38	0 52	4 18	1 13	8 54	2 13	13 18	0 40	9 19	1 20	16 54	3 21	22 11	22 15	17 25	16 10	3 6
W18	0 37	16 21	3 41	7 31	1 13	9 30	0 44	20 47	0 53	4 21	1 13	8 57	2 13	13 17	0 40	9 20	1 20	16 54	3 21	22 12	22 16	17 27	16 11	3 6
T 19	0 13	19 36	2 43	8 9	1 27	9 59	0 41	20 56	0 53	4 24	1 13	8 59	2 13	13 16	0 40	9 21	1 20	16 54	3 21	22 12	22 16	17 29	16 11	3 6
F 20	0n11	21 37	1 35	8 44	1 42	10 27	0 39	21 5	0 54	4 27	1 13	9 2	2 13	13 15	0 40	9 21	1 20	16 55	3 21	22 12	22 17	17 31	16 12	3 6
S 21	0 34	22 17	0 23	9 16	1 56	10 55	0 36	21 14	0 54	4 30	1 13	9 4	2 12	13 14	0 40	9 22	1 20	16 55	3 21	22 12	22 17	17 33	16 13	3 6
S 22	0 58	21 34	0s49	9 44	2 10	11 23	0 34	21 23	0 55	4 33	1 13	9 6	2 12	13 13	0 40	9 23	1 20	16 55	3 21	22 12	22 17	17 35	16 13	3 6
M23	1 22	19 37	1 58	10 9	2 24	11 51	0 31	21 31	0 55	4 36	1 13	9 9	2 12	13 12	0 40	9 24	1 20	16 56	3 21	22 12	22 18	17 36	16 14	3 6
T 24	1 46	16 36	2 59	10 29	2 36	12 18	0 28	21 39	0 56	4 39	1 13	9 11	2 12	13 11	0 40	9 24	1 20	16 56	3 21	22 13	22 18	17 38	16 15	3 6
W25	2 9	12 47	3 50	10 45	2 48	12 45	0 25	21 47	0 56	4 42	1 13	9 14	2 12	13 10	0 40	9 25	1 20	16 56	3 21	22 14	22 18	17 40	16 15	3 6
T 26	2 33	8 25	4 27	10 56	2 59	13 12	0 23	21 55	0 57	4 45	1 13	9 16	2 12	13 9	0 40	9 26	1 20	16 57	3 21	22 15	22 19	17 42	16 16	3 6
F 27	2 57	3 44	4 51	11 2	3 9	13 38	0 20	22 3	0 57	4 48	1 13	9 19	2 12	13 8	0 40	9 27	1 20	16 57	3 21	22 16	22 19	17 44	16 17	3 6
S 28	3 20	1n 1	5 0	11 4	3 17	14 5	0 17	22 10	0 58	4 51	1 13	9 21	2 12	13 7	0 40	9 27	1 20	16 57	3 21	22 18	22 20	17 45	16 17	3 6
S 29	3 44	5 40	4 54	11 0	3 23	14 30	0 14	22 18	0 58	4 54	1 13	9 24	2 12	13 6	0 40	9 28	1 20	16 58	3 21	22 20	22 20	17 47	16 18	3 6
M30	4 7	10 1	4 35	10 52	3 28	14 56	0 11	22 25	0 59	4 56	1 13	9 27	2 12	13 5	0 41	9 29	1 20	16 58	3 21	22 21	22 20	17 49	16 19	3 5
T 31	4n31	13n56	4s 4	10n39	3n31	15n21	0s 8	22n32	0n59	4n59	1n13	9n29	2s12	13s 4	0s41	9n30	1s20	16n58	3n21	22n22	22n21	17n51	16n20	3s 5

Julian Day Number = 3063751.5, Delta T = 02h32m53s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'22, Lahiri = 47°21'23

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

APRIL 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 43 40	12♈30'05	2♊57	18°R18	13♉48	9♊23	20°R 4	0♉37	26♒58	28♈15	22°R46	15°R 1	15♋21	5♊56	27♉10	W 1
T 2	12 47 37	13°30'11	14°46	17♈26	15° 1	10° 4	19♍57	0°44	27° 0	28°17	22♌45	14♋56	15°17	6° 3	27°13	T 2
F 3	12 51 33	14°30'14	26°34	16°30	16°14	10°45	19°50	0°51	27° 3	28°19	22°44	14°53	15°14	6° 9	27°16	F 3
S 4	12 55 30	15°30'16	8♋26	15°32	17°27	11°25	19°44	0°59	27° 6	28°21	22°43	14°52	15°11	6°16	27°19	S 4
S 5	12 59 27	16°30'15	20°28	14°33	18°40	12° 6	19°37	1° 6	27° 8	28°24	22°43	14°52	15° 8	6°23	27°22	S 5
M 6	13 3 23	17°30'13	2♌46	13°33	19°53	12°47	19°31	1°13	27°11	28°26	22°42	14°52	15° 5	6°29	27°26	M 6
T 7	13 7 20	18°30'08	15°24	12°36	21° 6	13°28	19°25	1°21	27°14	28°28	22°41	14°50	15° 2	6°36	27°29	T 7
W 8	13 11 16	19°30'01	28°27	11°41	22°19	14° 8	19°19	1°28	27°16	28°30	22°41	14°45	14°58	6°43	27°32	W 8
T 9	13 15 13	20°29'52	11♍57	10°49	23°31	14°49	19°13	1°35	27°19	28°33	22°40	14°38	14°55	6°49	27°36	T 9
F 10	13 19 9	21°29'41	25°56	10° 2	24°44	15°30	19° 7	1°43	27°21	28°35	22°39	14°29	14°52	6°56	27°39	F 10
S 11	13 23 6	22°29'28	10♎20	9°21	25°56	16°10	19° 1	1°50	27°23	28°37	22°39	14°17	14°49	7° 3	27°42	S 11
S 12	13 27 2	23°29'13	25° 4	8°44	27° 9	16°51	18°56	1°57	27°26	28°39	22°38	14° 6	14°46	7° 9	27°46	S 12
M13	13 30 59	24°28'57	10♏ 0	8°14	28°21	17°31	18°51	2° 5	27°28	28°42	22°38	13°55	14°43	7°16	27°49	M13
T 14	13 34 56	25°28'38	24°57	7°50	29°34	18°12	18°45	2°12	27°30	28°44	22°37	13°46	14°39	7°23	27°53	T 14
W15	13 38 52	26°28'18	9♐49	7°32	0♊46	18°52	18°40	2°20	27°33	28°46	22°37	13°40	14°36	7°29	27°56	W15
T 16	13 42 49	27°27'56	24°27	7°21	1°58	19°33	18°36	2°27	27°35	28°49	22°36	13°36	14°33	7°36	28° 0	T 16
F 17	13 46 45	28°27'33	8♑47	7°D15	3°10	20°13	18°31	2°34	27°37	28°51	22°36	13°D35	14°30	7°43	28° 3	F 17
S 18	13 50 42	29°27'08	22°47	7°16	4°22	20°54	18°26	2°42	27°39	28°53	22°35	13°R35	14°27	7°49	28° 7	S 18
S 19	13 54 38	0♉26'41	6♒28	7°22	5°34	21°34	18°22	2°49	27°41	28°55	22°35	13°35	14°23	7°56	28°10	S 19
M20	13 58 35	1°26'12	19°51	7°34	6°46	22°15	18°18	2°57	27°43	28°58	22°35	13°34	14°20	8° 3	28°14	M20
T 21	14 2 31	2°25'42	2♓58	7°50	7°58	22°55	18°14	3° 4	27°45	29° 0	22°34	13°30	14°17	8° 9	28°18	T 21
W22	14 6 28	3°25'11	15°51	8°12	9° 9	23°35	18°10	3°12	27°47	29° 2	22°34	13°24	14°14	8°16	28°21	W22
T 23	14 10 25	4°24'37	28°32	8°39	10°21	24°16	18° 6	3°19	27°49	29° 4	22°34	13°15	14°11	8°23	28°25	T 23
F 24	14 14 21	5°24'02	11♈ 2	9°10	11°33	24°56	18° 3	3°26	27°51	29° 7	22°33	13° 4	14° 8	8°29	28°29	F 24
S 25	14 18 18	6°23'24	23°22	9°46	12°44	25°36	17°59	3°34	27°53	29° 9	22°33	12°51	14° 4	8°36	28°33	S 25
S 26	14 22 14	7°22'45	5♉33	10°25	13°55	26°16	17°56	3°41	27°54	29°11	22°33	12°39	14° 1	8°43	28°36	S 26
M27	14 26 11	8°22'04	17°35	11° 8	15° 7	26°57	17°53	3°49	27°56	29°14	22°33	12°27	13°58	8°49	28°40	M27
T 28	14 30 7	9°21'21	29°31	11°55	16°18	27°37	17°50	3°56	27°58	29°16	22°33	12°18	13°55	8°56	28°44	T 28
W29	14 34 4	10°20'36	11♊21	12°45	17°29	28°17	17°48	4° 4	27°59	29°18	22°33	12°10	13°52	9° 3	28°48	W29
T 30	14 38 0	11♉19'49	23♊ 8	13♈38	18♊40	28♊57	17♍45	4♉11	28♒ 1	29♈20	22♌32	12♋ 6	13♋49	9♊ 9	28♉52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4n54	17n15	3s22	10n22	3n32	15n46	0s 5	22n38	0n59	5n 2	1n13	9n32	2s12	13s 3	0s41	9n31	1s20	16n58	3n21	22n23	22n21	17n53	16n20	3s 5	W 1
T 2	5 17	19 51	2 32	10 1	3 30	16 10	0 2	22 45	1 0	5 4	1 13	9 34	2 12	13 2	0 41	9 31	1 20	16 59	3 21	22 24	22 21	17 54	16 21	3 5	T 2
F 3	5 40	21 35	1 35	9 37	3 27	16 34	0n 1	22 51	1 0	5 7	1 13	9 37	2 11	13 1	0 41	9 32	1 20	16 59	3 21	22 24	22 22	17 56	16 22	3 5	F 3
S 4	6 3	22 23	0 34	9 10	3 21	16 58	0 4	22 57	1 1	5 9	1 13	9 39	2 11	13 0	0 41	9 33	1 20	16 59	3 21	22 24	22 22	17 58	16 23	3 5	S 4
S 5	6 26	22 10	0n30	8 40	3 14	17 21	0 8	23 3	1 1	5 12	1 13	9 42	2 11	13 0	0 41	9 34	1 20	16 59	3 21	22 24	22 22	18 0	16 23	3 5	S 5
M 6	6 49	20 53	1 33	8 9	3 5	17 43	0 11	23 9	1 2	5 14	1 13	9 44	2 11	12 59	0 41	9 35	1 20	17 0	3 21	22 24	22 23	18 2	16 24	3 5	M 6
T 7	7 11	18 32	2 34	7 37	2 54	18 6	0 14	23 14	1 2	5 17	1 13	9 47	2 11	12 58	0 41	9 35	1 20	17 0	3 21	22 24	22 23	18 3	16 25	3 5	T 7
W 8	7 34	15 10	3 29	7 4	2 42	18 27	0 17	23 19	1 2	5 19	1 13	9 49	2 11	12 57	0 41	9 36	1 20	17 0	3 21	22 25	22 23	18 5	16 26	3 5	W 8
T 9	7 56	10 56	4 14	6 32	2 29	18 49	0 20	23 24	1 3	5 21	1 13	9 52	2 11	12 56	0 41	9 37	1 20	17 0	3 21	22 26	22 24	18 7	16 26	3 5	T 9
F 10	8 18	5 58	4 45	6 1	2 15	19 10	0 24	23 29	1 3	5 23	1 13	9 54	2 11	12 55	0 41	9 38	1 20	17 0	3 21	22 27	22 24	18 9	16 27	3 5	F 10
S 11	8 41	0 33	5 0	5 31	2 0	19 30	0 27	23 34	1 3	5 25	1 13	9 57	2 11	12 55	0 41	9 38	1 20	17 1	3 21	22 28	22 25	18 11	16 28	3 5	S 11
S 12	9 3	5s 2	4 55	5 3	1 45	19 50	0 30	23 38	1 4	5 28	1 13	9 59	2 11	12 54	0 41	9 39	1 20	17 1	3 21	22 29	22 25	18 12	16 29	3 5	S 12
M13	9 24	10 24	4 31	4 37	1 29	20 9	0 33	23 42	1 4	5 30	1 13	10 2	2 11	12 53	0 41	9 40	1 20	17 1	3 21	22 30	22 25	18 14	16 29	3 5	M13
T 14	9 46	15 9	3 47	4 13	1 14	20 28	0 36	23 46	1 4	5 31	1 13	10 5	2 11	12 52	0 41	9 41	1 20	17 1	3 21	22 31	22 26	18 16	16 30	3 5	T 14
W15	10 7	18 56	2 49	3 51	0 58	20 46	0 40	23 50	1 5	5 33	1 12	10 7	2 11	12 52	0 41	9 42	1 20	17 1	3 21	22 32	22 26	18 18	16 31	3 5	W15
T 16	10 29	21 27	1 40	3 33	0 43	21 4	0 43	23 54	1 5	5 35	1 12	10 10	2 11	12 51	0 41	9 42	1 20	17 1	3 21	22 32	22 26	18 19	16 32	3 5	T 16
F 17	10 50	22 31	0 25	3 17	0 28	21 21	0 46	23 57	1 5	5 37	1 12	10 12	2 11	12 50	0 41	9 43	1 20	17 1	3 21	22 32	22 27	18 21	16 33	3 5	F 17
S 18	11 11	22 7	0s49	3 3	0 13	21 38	0 49	24 0	1 6	5 39	1 12	10 15	2 11	12 49	0 41	9 44	1 20	17 2	3 21	22 32	22 27	18 23	16 33	3 5	S 18
S 19	11 32	20 24	1 58	2 52	0s 1	21 54	0 53	24 3	1 6	5 40	1 12	10 17	2 11	12 49	0 41	9 45	1 20	17 2	3 21	22 32	22 27	18 25	16 34	3 5	S 19
M20	11 52	17 34	3 0	2 44	0 15	22 10	0 56	24 6	1 6	5 42	1 12	10 20	2 11	12 48	0 41	9 46	1 20	17 2	3 21	22 32	22 28	18 26	16 35	3 5	M20
T 21	12 12	13 54	3 50	2 39	0 29	22 25	0 59	24 9	1 7	5 43	1 12	10 22	2 11	12 47	0 41	9 46	1 20	17 2	3 21	22 33	22 28	18 28	16 36	3 5	T 21
W22	12 33	9 39	4 28	2 36	0 41	22 39	1 2	24 11	1 7	5 45	1 12	10 25	2 11	12 47	0 41	9 47	1 20	17 2	3 21	22 33	22 28	18 30	16 37	3 5	W22
T 23	12 53	5 3	4 52	2 35	0 53	22 53	1 5	24 13	1 7	5 46	1 12	10 27	2 11	12 46	0 41	9 48	1 20	17 2	3 21	22 34	22 29	18 32	16 37	3 5	T 23
F 24	13 12	0 19	5 2	2 36	1 5	23 6	1 9	24 15	1 7	5 47	1 12	10 30	2 11	12 46	0 41	9 49	1 20	17 2	3 21	22 35	22 29	18 33	16 38	3 5	F 24
S 25	13 32	4n23	4 57	2 40	1 16	23 18	1 12	24 17	1 8	5 48	1 11	10 32	2 11	12 45	0 41	9 50	1 20	17 2	3 21	22 37	22 29	18 35	16 39	3 5	S 25
S 26	13 51	8 52	4 39	2 46	1 26	23 30	1 15	24 18	1 8	5 49	1 11	10 35	2 11	12 44	0 41	9 50	1 20	17 2	3 21	22 38	22 30	18 37	16 40	3 5	S 26
M27	14 10	12 57	4 8	2 54	1 36	23 42	1 18	24 19	1 8	5 50	1 11	10 37	2 11	12 44	0 41	9 51	1 20	17 2	3 21	22 39	22 30	18 38	16 40	3 5	M27
T 28	14 29	16 30	3 27	3 4	1 45	23 52	1 21	24 20	1 8	5 51	1 11	10 39	2 11	12 43	0 41	9 52	1 20	17 2	3 21	22 40	22 30	18 40	16 41	3 5	T 28
W29	14 47	19 21	2 36	3 15	1 53	24 2	1 24	24 21	1 9	5 52	1 11	10 42	2 11	12 43	0 42	9 53	1 20	17 2	3 21	22 40	22 31	18 42	16 42	3 5	W29
T 30	15n 6	21n23	1s40	3n29	2s 1	24n11	1n27	24n22	1n 9	5n53	1n11	10n44	2s11	12s42	0s42	9n53	1s20	17n 2	3n21	22n41	22n31	18n44	16n43	3s 5	T 30

Julian Day Number = 3063782.5, Delta T = 02h32m54s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'26, Lahiri = 47°21'27

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

MAY 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 41 57	12♉19'00	4♋56	14♈35	19♊51	29♊37	17°R43	4♉18	28♒ 3	29♈22	22°R32	12°R 4	13♋45	9♊16	28♉55	F 1
S 2	14 45 53	13°18'09	16°48	15°34	21° 2	0♋17	17♍41	4°26	28° 4	29°25	22♌32	12°D 4	13°42	9°23	28°59	S 2
S 3	14 49 50	14°17'15	28°49	16°36	22°12	0°57	17°39	4°33	28° 5	29°27	22°32	12♋ 5	13°39	9°29	29° 3	S 3
M 4	14 53 47	15°16'20	11♌ 4	17°41	23°23	1°37	17°38	4°41	28° 7	29°29	22°D32	12°R 5	13°36	9°36	29° 7	M 4
T 5	14 57 43	16°15'22	23°39	18°48	24°34	2°17	17°36	4°48	28° 8	29°31	22°32	12° 5	13°33	9°43	29°11	T 5
W 6	15 1 40	17°14'22	6♍38	19°57	25°44	2°57	17°35	4°55	28°10	29°34	22°32	12° 3	13°29	9°49	29°15	W 6
T 7	15 5 36	18°13'19	20° 4	21° 9	26°54	3°37	17°34	5° 3	28°11	29°36	22°32	11°59	13°26	9°56	29°19	T 7
F 8	15 9 33	19°12'14	4♎ 0	22°23	28° 4	4°17	17°33	5°10	28°12	29°38	22°32	11°53	13°23	10° 3	29°23	F 8
S 9	15 13 29	20°11'07	18°25	23°39	29°15	4°57	17°32	5°17	28°13	29°40	22°33	11°46	13°20	10° 9	29°27	S 9
S 10	15 17 26	21° 9'59	3♏14	24°57	0♋24	5°37	17°31	5°24	28°14	29°42	22°33	11°38	13°17	10°16	29°31	S 10
M11	15 21 22	22° 8'48	18°20	26°17	1°34	6°17	17°31	5°32	28°15	29°44	22°33	11°31	13°14	10°23	29°35	M11
T 12	15 25 19	23° 7'35	3♐33	27°39	2°44	6°57	17°D31	5°39	28°16	29°47	22°33	11°24	13°10	10°29	29°39	T 12
W13	15 29 16	24° 6'20	18°43	29° 3	3°54	7°36	17°31	5°46	28°17	29°49	22°33	11°20	13° 7	10°36	29°43	W13
T 14	15 33 12	25° 5'04	3♑40	0♉29	5° 3	8°16	17°31	5°53	28°18	29°51	22°34	11°19	13° 4	10°43	29°47	T 14
F 15	15 37 9	26° 3'46	18°18	1°57	6°12	8°56	17°32	6° 0	28°19	29°53	22°34	11°D19	13° 1	10°49	29°51	F 15
S 16	15 41 5	27° 2'27	2♒32	3°26	7°22	9°36	17°32	6° 8	28°20	29°55	22°34	11°20	12°58	10°56	29°55	S 16
S 17	15 45 2	28° 1'06	16°22	4°58	8°31	10°15	17°33	6°15	28°21	29°57	22°34	11°21	12°55	11° 3	29°59	S 17
M18	15 48 58	28°59'43	29°48	6°31	9°40	10°55	17°34	6°22	28°21	29°59	22°35	11°R21	12°51	11° 9	0♊ 3	M18
T 19	15 52 55	29°58'18	12♓52	8° 6	10°48	11°34	17°35	6°29	28°22	0♉ 1	22°35	11°20	12°48	11°16	0° 7	T 19
W20	15 56 51	0♊56'53	25°38	9°42	11°57	12°14	17°36	6°36	28°23	0° 3	22°36	11°18	12°45	11°23	0°11	W20
T 21	16 0 48	1°55'25	8♈ 8	11°21	13° 6	12°54	17°38	6°43	28°23	0° 5	22°36	11°13	12°42	11°29	0°15	T 21
F 22	16 4 45	2°53'56	20°26	13° 1	14°14	13°33	17°39	6°50	28°24	0° 7	22°36	11° 8	12°39	11°36	0°19	F 22
S 23	16 8 41	3°52'25	2♉33	14°43	15°22	14°13	17°41	6°57	28°24	0° 9	22°37	11° 1	12°35	11°43	0°23	S 23
S 24	16 12 38	4°50'53	14°33	16°26	16°30	14°52	17°43	7° 4	28°25	0°11	22°37	10°54	12°32	11°49	0°27	S 24
M25	16 16 34	5°49'19	26°27	18°12	17°38	15°32	17°46	7°10	28°25	0°13	22°38	10°48	12°29	11°56	0°30	M25
T 26	16 20 31	6°47'43	8♊17	19°59	18°46	16°11	17°48	7°17	28°25	0°15	22°39	10°43	12°26	12° 3	0°34	T 26
W27	16 24 27	7°46'06	20° 5	21°48	19°54	16°51	17°51	7°24	28°26	0°17	22°39	10°39	12°23	12° 9	0°38	W27
T 28	16 28 24	8°44'27	1♋53	23°39	21° 1	17°30	17°53	7°31	28°26	0°19	22°40	10°37	12°20	12°16	0°42	T 28
F 29	16 32 21	9°42'46	13°44	25°31	22° 9	18° 9	17°56	7°38	28°26	0°21	22°40	10°D37	12°16	12°23	0°46	F 29
S 30	16 36 17	10°41'03	25°40	27°26	23°16	18°49	17°59	7°44	28°26	0°22	22°41	10°38	12°13	12°29	0°50	S 30
S 31	16 40 14	11♊39'19	7♌45	29♉22	24♋23	19♋28	18♍ 3	7♉51	28♒26	0♉24	22♌42	10♋39	12♋10	12♊36	0♊54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n24	22n30	0s38	3n44	2s 8	24n20	1n30	24n22	1n 9	5n54	1n11	10n47	2s11	12s42	0s42	9n54	1s20	17n 2	3n21	22n41	22n31	18n45	16n44	3s 5	F 1
S 2	15 41	22 36	0n25	4 0	2 14	24 28	1 33	24 23	1 9	5 54	1 11	10 49	2 11	12 41	0 42	9 55	1 20	17 2	3 21	22 41	22 32	18 47	16 44	3 5	S 2
S 3	15 59	21 40	1 29	4 18	2 20	24 36	1 36	24 23	1 9	5 55	1 10	10 52	2 11	12 41	0 42	9 56	1 20	17 2	3 21	22 41	22 32	18 49	16 45	3 5	S 3
M 4	16 16	19 41	2 29	4 38	2 26	24 42	1 39	24 22	1 10	5 56	1 10	10 54	2 11	12 40	0 42	9 56	1 20	17 2	3 21	22 41	22 32	18 50	16 46	3 5	M 4
T 5	16 33	16 44	3 24	4 58	2 30	24 48	1 42	24 22	1 10	5 56	1 10	10 56	2 11	12 40	0 42	9 57	1 20	17 2	3 21	22 41	22 32	18 52	16 47	3 5	T 5
W 6	16 50	12 53	4 11	5 20	2 35	24 54	1 44	24 21	1 10	5 56	1 10	10 59	2 11	12 40	0 42	9 58	1 20	17 2	3 21	22 41	22 33	18 54	16 48	3 5	W 6
T 7	17 6	8 16	4 45	5 44	2 38	24 58	1 47	24 21	1 10	5 57	1 10	11 1	2 11	12 39	0 42	9 59	1 20	17 2	3 21	22 41	22 33	18 55	16 48	3 5	T 7
F 8	17 22	3 5	5 4	6 8	2 41	25 2	1 50	24 20	1 10	5 57	1 10	11 3	2 11	12 39	0 42	9 59	1 20	17 2	3 21	22 42	22 33	18 57	16 49	3 5	F 8
S 9	17 38	2s27	5 5	6 34	2 44	25 6	1 52	24 18	1 11	5 57	1 10	11 6	2 12	12 39	0 42	10 0	1 20	17 2	3 21	22 42	22 34	18 59	16 50	3 5	S 9
S 10	17 53	8 0	4 46	7 0	2 46	25 8	1 55	24 17	1 11	5 57	1 9	11 8	2 12	12 38	0 42	10 1	1 20	17 2	3 21	22 43	22 34	19 0	16 51	3 5	S 10
M11	18 8	13 11	4 6	7 27	2 47	25 10	1 58	24 15	1 11	5 57	1 9	11 10	2 12	12 38	0 42	10 2	1 20	17 2	3 20	22 44	22 34	19 2	16 52	3 5	M11
T 12	18 23	17 34	3 9	7 56	2 48	25 12	2 0	24 14	1 11	5 57	1 9	11 13	2 12	12 38	0 42	10 2	1 20	17 2	3 20	22 44	22 35	19 4	16 52	3 5	T 12
W13	18 38	20 46	1 59	8 25	2 48	25 12	2 2	24 11	1 11	5 57	1 9	11 15	2 12	12 37	0 42	10 3	1 20	17 2	3 20	22 45	22 35	19 5	16 53	3 5	W13
T 14	18 52	22 29	0 41	8 55	2 48	25 12	2 5	24 9	1 11	5 57	1 9	11 17	2 12	12 37	0 42	10 4	1 20	17 2	3 20	22 45	22 35	19 7	16 54	3 5	T 14
F 15	19 6	22 37	0s38	9 26	2 47	25 12	2 7	24 7	1 11	5 56	1 9	11 20	2 12	12 37	0 42	10 5	1 20	17 2	3 20	22 45	22 36	19 9	16 55	3 6	F 15
S 16	19 19	21 14	1 52	9 57	2 46	25 10	2 9	24 4	1 12	5 56	1 9	11 22	2 12	12 36	0 42	10 5	1 20	17 2	3 20	22 45	22 36	19 10	16 55	3 6	S 16
S 17	19 32	18 38	2 58	10 29	2 44	25 8	2 11	24 1	1 12	5 56	1 8	11 24	2 12	12 36	0 42	10 6	1 20	17 1	3 20	22 45	22 36	19 12	16 56	3 6	S 17
M18	19 45	15 4	3 53	11 2	2 41	25 6	2 13	23 58	1 12	5 55	1 8	11 26	2 12	12 36	0 42	10 7	1 20	17 1	3 20	22 45	22 36	19 14	16 57	3 6	M18
T 19	19 58	10 52	4 33	11 35	2 38	25 2	2 15	23 55	1 12	5 55	1 8	11 28	2 12	12 36	0 42	10 7	1 20	17 1	3 20	22 45	22 37	19 15	16 58	3 6	T 19
W20	20 10	6 18	4 59	12 8	2 35	24 58	2 17	23 52	1 12	5 54	1 8	11 31	2 12	12 36	0 42	10 8	1 20	17 1	3 20	22 45	22 37	19 17	16 58	3 6	W20
T 21	20 22	1 33	5 10	12 42	2 31	24 54	2 19	23 48	1 12	5 53	1 8	11 33	2 12	12 36	0 42	10 9	1 20	17 1	3 20	22 45	22 37	19 19	16 59	3 6	T 21
F 22	20 33	3n10	5 6	13 16	2 27	24 48	2 21	23 44	1 12	5 52	1 8	11 35	2 12	12 35	0 42	10 9	1 20	17 1	3 20	22 46	22 38	19 20	17 0	3 6	F 22
S 23	20 44	7 43	4 49	13 51	2 22	24 42	2 23	23 40	1 12	5 52	1 7	11 37	2 13	12 35	0 42	10 10	1 20	17 0	3 20	22 46	22 38	19 22	17 1	3 6	S 23
S 24	20 55	11 56	4 19	14 25	2 16	24 36	2 24	23 36	1 12	5 51	1 7	11 39	2 13	12 35	0 43	10 11	1 21	17 0	3 20	22 47	22 38	19 23	17 1	3 6	S 24
M25	21 5	15 39	3 38	15 0	2 10	24 29	2 26	23 32	1 13	5 50	1 7	11 41	2 13	12 35	0 43	10 11	1 21	17 0	3 20	22 47	22 39	19 25	17 2	3 6	M25
T 26	21 15	18 44	2 47	15 35	2 4	24 21	2 27	23 27	1 13	5 49	1 7	11 43	2 13	12 35	0 43	10 12	1 21	17 0	3 20	22 48	22 39	19 27	17 3	3 6	T 26
W27	21 24	21 2	1 50	16 10	1 57	24 13	2 28	23 23	1 13	5 47	1 7	11 45	2 13	12 35	0 43	10 13	1 21	17 0	3 20	22 48	22 39	19 28	17 3	3 6	W27
T 28	21 34	22 25	0 48	16 44	1 50	24 4	2 30	23 18	1 13	5 46	1 7	11 48	2 13	12 35	0 43	10 13	1 21	16 59	3 20	22 48	22 39	19 30	17 4	3 7	T 28
F 29	21 42	22 48	0n17	17 19	1 42	23 54	2 31	23 13	1 13	5 45	1 7	11 50	2 13	12 35	0 43	10 14	1 21	16 59	3 20	22 48	22 40	19 32	17 5	3 7	F 29
S 30	21 51	22 9	1 22	17 53	1 34	23 44	2 32	23 7	1 13	5 44	1 6	11 52	2 13	12 35	0 43	10 14	1 21	16 59	3 20	22 48	22 40	19 33	17 6	3 7	S 30
S 31	21n59	20n29	2n24	18n26	1s25	23n33	2n33	23n 2	1n13	5n42	1n 6	11n54	2s13	12s35	0s43	10n15	1s21	16n59	3n20	22n48	22n40	19n35	17n 6	3s 7	S 31

Julian Day Number = 3063812.5, Delta T = 02h32m54s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'31, Lahiri = 47°21'31

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

JUNE 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 44 10	12♊37'32	20♌ 3	1♊20	25♋29	20♋ 8	18♍ 6	7♉57	28°R26	0♉26	22♌42	10♋41	12♋ 7	12♊43	0♊58	M 1
T 2	16 48 7	13°35'44	2♍37	3°19	26°36	20°47	18°10	8° 4	28♒26	0°28	22°43	10°42	12° 4	12°49	1° 2	T 2
W 3	16 52 3	14°33'53	15°33	5°21	27°42	21°26	18°13	8°10	28°26	0°30	22°44	10°R43	12° 1	12°56	1° 6	W 3
T 4	16 56 0	15°32'01	28°53	7°24	28°49	22° 5	18°17	8°17	28°26	0°31	22°45	10°42	11°57	13° 3	1°10	T 4
F 5	16 59 56	16°30'07	12♎41	9°28	29°55	22°45	18°21	8°23	28°26	0°33	22°45	10°40	11°54	13° 9	1°14	F 5
S 6	17 3 53	17°28'11	26°55	11°34	1♌ 0	23°24	18°26	8°30	28°25	0°35	22°46	10°38	11°51	13°16	1°18	S 6
S 7	17 7 50	18°26'13	11♏35	13°41	2° 6	24° 3	18°30	8°36	28°25	0°36	22°47	10°35	11°48	13°23	1°22	S 7
M 8	17 11 46	19°24'14	26°34	15°50	3°11	24°42	18°35	8°42	28°25	0°38	22°48	10°32	11°45	13°29	1°26	M 8
T 9	17 15 43	20°22'13	11♐46	18° 0	4°17	25°21	18°39	8°48	28°24	0°40	22°49	10°30	11°41	13°36	1°29	T 9
W10	17 19 39	21°20'10	26°59	20°10	5°21	26° 0	18°44	8°55	28°24	0°41	22°50	10°29	11°38	13°43	1°33	W10
T 11	17 23 36	22°18'06	12♑ 5	22°21	6°26	26°39	18°49	9° 1	28°23	0°43	22°51	10°D28	11°35	13°49	1°37	T 11
F 12	17 27 32	23°16'01	26°55	24°33	7°30	27°18	18°55	9° 7	28°23	0°45	22°51	10°29	11°32	13°56	1°41	F 12
S 13	17 31 29	24°13'54	11♒22	26°44	8°35	27°58	19° 0	9°13	28°22	0°46	22°52	10°30	11°29	14° 3	1°45	S 13
S 14	17 35 25	25°11'47	25°24	28°56	9°39	28°37	19° 6	9°19	28°22	0°48	22°53	10°31	11°26	14° 9	1°48	S 14
M15	17 39 22	26° 9'38	8♓59	1♋ 7	10°42	29°16	19°11	9°25	28°21	0°49	22°54	10°32	11°22	14°16	1°52	M15
T 16	17 43 19	27° 7'28	22° 8	3°17	11°46	29°55	19°17	9°31	28°20	0°51	22°55	10°R32	11°19	14°23	1°56	T 16
W17	17 47 15	28° 5'17	4♈55	5°27	12°49	0♌33	19°23	9°36	28°20	0°52	22°56	10°32	11°16	14°29	2° 0	W17
T 18	17 51 12	29° 3'05	17°23	7°35	13°52	1°12	19°29	9°42	28°19	0°53	22°58	10°32	11°13	14°36	2° 3	T 18
F 19	17 55 8	0♋ 0'51	29°35	9°41	14°54	1°51	19°35	9°48	28°18	0°55	22°59	10°31	11°10	14°43	2° 7	F 19
S 20	17 59 5	0°58'37	11♉37	11°46	15°56	2°30	19°42	9°53	28°17	0°56	23° 0	10°30	11° 7	14°49	2°11	S 20
S 21	18 3 1	1°56'22	23°30	13°49	16°58	3° 9	19°48	9°59	28°16	0°57	23° 1	10°28	11° 3	14°56	2°14	S 21
M22	18 6 58	2°54'06	5♊19	15°50	18° 0	3°48	19°55	10° 4	28°15	0°59	23° 2	10°27	11° 0	15° 3	2°18	M22
T 23	18 10 54	3°51'49	17° 7	17°49	19° 1	4°27	20° 2	10°10	28°14	1° 0	23° 3	10°26	10°57	15° 9	2°21	T 23
W24	18 14 51	4°49'31	28°56	19°45	20° 2	5° 6	20° 9	10°15	28°13	1° 1	23° 4	10°26	10°54	15°16	2°25	W24
T 25	18 18 48	5°47'11	10♋48	21°39	21° 3	5°44	20°16	10°20	28°12	1° 3	23° 5	10°D26	10°51	15°23	2°28	T 25
F 26	18 22 44	6°44'51	22°46	23°30	22° 3	6°23	20°23	10°26	28°11	1° 4	23° 7	10°26	10°47	15°29	2°32	F 26
S 27	18 26 41	7°42'29	4♌51	25°19	23° 3	7° 2	20°30	10°31	28° 9	1° 5	23° 8	10°26	10°44	15°36	2°35	S 27
S 28	18 30 37	8°40'06	17° 6	27° 5	24° 3	7°41	20°38	10°36	28° 8	1° 6	23° 9	10°26	10°41	15°43	2°39	S 28
M29	18 34 34	9°37'42	29°33	28°48	25° 2	8°20	20°45	10°41	28° 7	1° 7	23°10	10°27	10°38	15°49	2°42	M29
T 30	18 38 30	10♋35'17	12♍16	0♌28	26♌ 1	8♌58	20♍53	10♉46	28♒ 5	1♉ 8	23♌12	10°R27	10♋35	15♊56	2♊46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22n 6	17n50	3n20	18n59	1s17	23n22	2n33	22n56	1n13	5n41	1n 6	11n56	2s14	12s35	0s43	10n16	1s21	16n59	3n20	22n48	22n41	19n36	17n 7	3s 7	M 1
T 2	22 14	14 18	4 8	19 32	1 7	23 10	2 34	22 50	1 13	5 39	1 6	11 58	2 14	12 35	0 43	10 16	1 21	16 58	3 20	22 48	22 41	19 38	17 8	3 7	T 2
W 3	22 20	10 2	4 45	20 3	0 58	22 58	2 35	22 44	1 13	5 38	1 6	11 59	2 14	12 35	0 43	10 17	1 21	16 58	3 20	22 48	22 41	19 40	17 8	3 7	W 3
T 4	22 27	5 9	5 8	20 34	0 48	22 45	2 35	22 38	1 13	5 36	1 6	12 1	2 14	12 35	0 43	10 17	1 21	16 58	3 20	22 48	22 41	19 41	17 9	3 7	T 4
F 5	22 33	0s 8	5 15	21 3	0 38	22 31	2 36	22 32	1 13	5 34	1 6	12 3	2 14	12 35	0 43	10 18	1 21	16 58	3 20	22 48	22 42	19 43	17 10	3 7	F 5
S 6	22 38	5 35	5 2	21 31	0 28	22 17	2 36	22 25	1 13	5 32	1 5	12 5	2 14	12 35	0 43	10 18	1 21	16 57	3 20	22 48	22 42	19 44	17 10	3 8	S 6
S 7	22 44	10 53	4 30	21 57	0 17	22 3	2 36	22 19	1 13	5 31	1 5	12 7	2 14	12 36	0 43	10 19	1 21	16 57	3 20	22 48	22 42	19 46	17 11	3 8	S 7
M 8	22 48	15 39	3 39	22 22	0 7	21 48	2 36	22 12	1 13	5 29	1 5	12 9	2 15	12 36	0 43	10 19	1 21	16 57	3 20	22 49	22 43	19 47	17 12	3 8	M 8
T 9	22 53	19 29	2 32	22 45	0n 4	21 33	2 36	22 5	1 13	5 27	1 5	12 11	2 15	12 36	0 43	10 20	1 21	16 56	3 20	22 49	22 43	19 49	17 12	3 8	T 9
W10	22 57	21 57	1 14	23 6	0 14	21 17	2 36	21 58	1 13	5 25	1 5	12 12	2 15	12 36	0 43	10 21	1 21	16 56	3 20	22 49	22 43	19 51	17 13	3 8	W10
T 11	23 0	22 50	0s 9	23 25	0 25	21 0	2 35	21 50	1 13	5 23	1 5	12 14	2 15	12 36	0 43	10 21	1 21	16 56	3 20	22 49	22 43	19 52	17 13	3 8	T 11
F 12	23 3	22 3	1 30	23 41	0 35	20 44	2 35	21 43	1 13	5 20	1 5	12 16	2 15	12 36	0 43	10 22	1 21	16 55	3 20	22 49	22 44	19 54	17 14	3 8	F 12
S 13	23 6	19 49	2 43	23 56	0 45	20 26	2 34	21 35	1 14	5 18	1 4	12 18	2 15	12 37	0 43	10 22	1 21	16 55	3 20	22 49	22 44	19 55	17 15	3 9	S 13
S 14	23 8	16 27	3 44	24 7	0 54	20 9	2 34	21 27	1 14	5 16	1 4	12 19	2 15	12 37	0 43	10 23	1 21	16 55	3 20	22 49	22 44	19 57	17 15	3 9	S 14
M15	23 10	12 18	4 30	24 17	1 3	19 51	2 33	21 19	1 14	5 14	1 4	12 21	2 16	12 37	0 43	10 23	1 21	16 54	3 20	22 49	22 44	19 58	17 16	3 9	M15
T 16	23 12	7 42	5 1	24 23	1 12	19 32	2 32	21 11	1 14	5 11	1 4	12 23	2 16	12 37	0 43	10 23	1 21	16 54	3 20	22 49	22 45	20 0	17 16	3 9	T 16
W17	23 13	2 54	5 15	24 27	1 20	19 13	2 31	21 3	1 14	5 9	1 4	12 24	2 16	12 38	0 43	10 24	1 21	16 54	3 20	22 49	22 45	20 1	17 17	3 9	W17
T 18	23 13	1n55	5 15	24 28	1 28	18 54	2 29	20 54	1 14	5 6	1 4	12 26	2 16	12 38	0 44	10 24	1 21	16 53	3 20	22 49	22 45	20 3	17 17	3 9	T 18
F 19	23 13	6 33	5 0	24 27	1 35	18 35	2 28	20 46	1 13	5 4	1 4	12 28	2 16	12 38	0 44	10 25	1 21	16 53	3 20	22 49	22 46	20 4	17 18	3 9	F 19
S 20	23 13	10 52	4 31	24 23	1 41	18 15	2 26	20 37	1 13	5 1	1 3	12 29	2 16	12 39	0 44	10 25	1 22	16 53	3 20	22 49	22 46	20 6	17 19	3 10	S 20
S 21	23 13	14 44	3 52	24 17	1 47	17 55	2 25	20 28	1 13	4 58	1 3	12 31	2 17	12 39	0 44	10 26	1 22	16 52	3 20	22 49	22 46	20 7	17 19	3 10	S 21
M22	23 11	18 0	3 3	24 8	1 51	17 34	2 23	20 19	1 13	4 56	1 3	12 32	2 17	12 40	0 44	10 26	1 22	16 52	3 20	22 49	22 46	20 9	17 20	3 10	M22
T 23	23 10	20 31	2 6	23 57	1 55	17 13	2 21	20 10	1 13	4 53	1 3	12 34	2 17	12 40	0 44	10 26	1 22	16 52	3 20	22 49	22 47	20 10	17 20	3 10	T 23
W24	23 8	22 10	1 3	23 44	1 59	16 52	2 19	20 1	1 13	4 50	1 3	12 35	2 17	12 40	0 44	10 27	1 22	16 51	3 20	22 49	22 47	20 12	17 21	3 10	W24
T 25	23 6	22 49	0n 2	23 29	2 1	16 31	2 17	19 51	1 13	4 47	1 3	12 37	2 17	12 41	0 44	10 27	1 22	16 51	3 20	22 49	22 47	20 13	17 21	3 10	T 25
F 26	23 3	22 26	1 8	23 13	2 3	16 9	2 14	19 41	1 13	4 44	1 3	12 38	2 18	12 41	0 44	10 28	1 22	16 50	3 20	22 49	22 47	20 15	17 22	3 11	F 26
S 27	23 0	21 1	2 12	22 54	2 3	15 47	2 11	19 32	1 13	4 41	1 3	12 40	2 18	12 42	0 44	10 28	1 22	16 50	3 20	22 49	22 48	20 16	17 22	3 11	S 27
S 28	22 57	18 35	3 10	22 34	2 3	15 25	2 9	19 22	1 13	4 38	1 2	12 41	2 18	12 42	0 44	10 28	1 22	16 50	3 20	22 49	22 48	20 18	17 23	3 11	S 28
M29	22 53	15 17	4 0	22 13	2 3	15 2	2 6	19 12	1 13	4 35	1 2	12 42	2 18	12 43	0 44	10 29	1 22	16 49	3 20	22 49	22 48	20 19	17 23	3 11	M29
T 30	22n48	11n13	4n40	21n50	2n 1	14n40	2n 3	19n 2	1n13	4n32	1n 2	12n44	2s18	12s43	0s44	10n29	1s22	16n49	3n20	22n49	22n48	20n21	17n23	3s11	T 30

Julian Day Number = 3063843.5, Delta T = 02h32m55s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'35, Lahiri = 47°21'35

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

JULY 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 42 27	11♋32'50	25♍15	2♌ 6	26♌59	9♌37	21♍ 1	10♉51	28°R 4	1♉ 9	23♌13	10°R27	10♋32	16♊ 3	2♊49	W 1
T 2	18 46 23	12°30'23	8♎35	3°41	27°57	10°16	21° 9	10°55	28♒ 3	1°10	23°14	10°D26	10°28	16° 9	2°52	T 2
F 3	18 50 20	13°27'53	22°15	5°13	28°55	10°54	21°17	11° 0	28° 1	1°11	23°16	10♋26	10°25	16°16	2°55	F 3
S 4	18 54 17	14°25'23	6♏18	6°42	29°52	11°33	21°25	11° 5	28° 0	1°12	23°17	10°27	10°22	16°23	2°59	S 4
S 5	18 58 13	15°22'52	20°42	8° 9	0♍48	12°12	21°33	11° 9	27°58	1°13	23°18	10°27	10°19	16°29	3° 2	S 5
M 6	19 2 10	16°20'20	5♐23	9°32	1°44	12°50	21°42	11°14	27°57	1°14	23°20	10°28	10°16	16°36	3° 5	M 6
T 7	19 6 6	17°17'46	20°18	10°53	2°40	13°29	21°50	11°18	27°55	1°15	23°21	10°28	10°13	16°43	3° 8	T 7
W 8	19 10 3	18°15'12	5♑19	12°10	3°35	14° 7	21°59	11°23	27°53	1°16	23°22	10°R28	10° 9	16°49	3°11	W 8
T 9	19 13 59	19°12'37	20°18	13°24	4°29	14°46	22° 8	11°27	27°52	1°17	23°24	10°28	10° 6	16°56	3°14	T 9
F 10	19 17 56	20°10'01	5♒ 6	14°36	5°23	15°24	22°16	11°31	27°50	1°17	23°25	10°28	10° 3	17° 3	3°17	F 10
S 11	19 21 53	21° 7'25	19°37	15°44	6°16	16° 3	22°25	11°35	27°48	1°18	23°27	10°27	10° 0	17° 9	3°20	S 11
S 12	19 25 49	22° 4'48	3♓45	16°49	7° 9	16°41	22°34	11°39	27°46	1°19	23°28	10°25	9°57	17°16	3°23	S 12
M13	19 29 46	23° 2'10	17°27	17°51	8° 1	17°20	22°44	11°43	27°45	1°19	23°30	10°24	9°53	17°22	3°26	M13
T 14	19 33 42	23°59'33	0♈43	18°49	8°52	17°58	22°53	11°47	27°43	1°20	23°31	10°23	9°50	17°29	3°29	T 14
W15	19 37 39	24°56'54	13°34	19°44	9°43	18°37	23° 2	11°51	27°41	1°21	23°33	10°22	9°47	17°36	3°32	W15
T 16	19 41 35	25°54'16	26° 4	20°35	10°33	19°15	23°12	11°54	27°39	1°21	23°34	10°D21	9°44	17°42	3°35	T 16
F 17	19 45 32	26°51'37	8♉16	21°23	11°23	19°54	23°21	11°58	27°37	1°22	23°36	10°22	9°41	17°49	3°38	F 17
S 18	19 49 28	27°48'58	20°16	22° 7	12°11	20°32	23°31	12° 1	27°35	1°22	23°37	10°23	9°38	17°56	3°40	S 18
S 19	19 53 25	28°46'19	2♊ 8	22°47	12°59	21°11	23°41	12° 5	27°33	1°23	23°39	10°24	9°34	18° 2	3°43	S 19
M20	19 57 22	29°43'40	13°55	23°23	13°46	21°49	23°51	12° 8	27°31	1°23	23°40	10°26	9°31	18° 9	3°46	M20
T 21	20 1 18	0♌41'01	25°44	23°55	14°33	22°27	24° 0	12°11	27°29	1°24	23°42	10°27	9°28	18°16	3°48	T 21
W22	20 5 15	1°38'21	7♋36	24°23	15°18	23° 6	24°11	12°15	27°27	1°24	23°43	10°R27	9°25	18°22	3°51	W22
T 23	20 9 11	2°35'41	19°35	24°46	16° 2	23°44	24°21	12°18	27°25	1°24	23°45	10°27	9°22	18°29	3°53	T 23
F 24	20 13 8	3°33'01	1♌43	25° 5	16°46	24°23	24°31	12°21	27°23	1°25	23°46	10°26	9°19	18°36	3°56	F 24
S 25	20 17 4	4°30'21	14° 2	25°20	17°29	25° 1	24°41	12°24	27°21	1°25	23°48	10°23	9°15	18°42	3°58	S 25
S 26	20 21 1	5°27'40	26°34	25°30	18°10	25°39	24°52	12°26	27°18	1°25	23°50	10°20	9°12	18°49	4° 1	S 26
M27	20 24 57	6°24'59	9♍18	25°35	18°51	26°18	25° 2	12°29	27°16	1°25	23°51	10°16	9° 9	18°56	4° 3	M27
T 28	20 28 54	7°22'18	22°16	25°R36	19°31	26°56	25°13	12°32	27°14	1°26	23°53	10°12	9° 6	19° 2	4° 5	T 28
W29	20 32 51	8°19'36	5♎29	25°32	20° 9	27°34	25°23	12°34	27°12	1°26	23°54	10° 8	9° 3	19° 9	4° 7	W29
T 30	20 36 47	9°16'54	18°56	25°24	20°46	28°13	25°34	12°37	27° 9	1°26	23°56	10° 6	8°59	19°16	4°10	T 30
F 31	20 40 44	10♌14'11	2♏37	25♌11	21♍22	28♌51	25♍45	12♉39	27♒ 7	1♉26	23♌58	10♋ 4	8♋56	19♊22	4♊12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n44	6n34	5n 7	21n26	1n59	14n17	1n59	18n51	1n13	4n29	1n 2	12n45	2s18	12s44	0s44	10n29	1s22	16n48	3n20	22n49	22n49	20n22	17n24	3s12
T 2	22 38	1 30	5 18	21 2	1 55	13 54	1 56	18 41	1 13	4 26	1 2	12 46	2 19	12 44	0 44	10 30	1 22	16 48	3 20	22 49	22 49	20 24	17 24	3 12
F 3	22 33	3s46	5 11	20 36	1 52	13 30	1 52	18 31	1 13	4 23	1 2	12 47	2 19	12 45	0 44	10 30	1 22	16 48	3 20	22 49	22 49	20 25	17 25	3 12
S 4	22 27	8 59	4 46	20 9	1 47	13 7	1 49	18 20	1 13	4 19	1 2	12 49	2 19	12 45	0 44	10 30	1 22	16 47	3 20	22 49	22 49	20 27	17 25	3 12
S 5	22 21	13 51	4 3	19 42	1 42	12 43	1 45	18 9	1 13	4 16	1 2	12 50	2 19	12 46	0 44	10 30	1 22	16 47	3 20	22 49	22 50	20 28	17 26	3 12
M 6	22 14	18 0	3 3	19 14	1 35	12 20	1 41	17 58	1 13	4 12	1 1	12 51	2 20	12 46	0 44	10 31	1 22	16 46	3 20	22 49	22 50	20 30	17 26	3 13
T 7	22 7	21 3	1 50	18 46	1 29	11 56	1 36	17 47	1 13	4 9	1 1	12 52	2 20	12 47	0 44	10 31	1 22	16 46	3 20	22 49	22 50	20 31	17 26	3 13
W 8	22 0	22 38	0 29	18 18	1 21	11 32	1 32	17 36	1 13	4 6	1 1	12 53	2 20	12 47	0 44	10 31	1 22	16 45	3 20	22 49	22 50	20 33	17 27	3 13
T 9	21 52	22 36	0s54	17 49	1 13	11 8	1 27	17 25	1 13	4 2	1 1	12 54	2 20	12 48	0 44	10 31	1 22	16 45	3 20	22 49	22 51	20 34	17 27	3 13
F 10	21 43	20 58	2 13	17 20	1 4	10 44	1 22	17 14	1 12	3 58	1 1	12 55	2 20	12 49	0 44	10 32	1 22	16 44	3 20	22 49	22 51	20 36	17 27	3 13
S 11	21 35	17 59	3 21	16 51	0 55	10 20	1 17	17 2	1 12	3 55	1 1	12 56	2 21	12 49	0 44	10 32	1 23	16 44	3 20	22 49	22 51	20 37	17 28	3 14
S 12	21 26	14 0	4 14	16 22	0 45	9 55	1 12	16 51	1 12	3 51	1 1	12 57	2 21	12 50	0 44	10 32	1 23	16 44	3 20	22 49	22 51	20 38	17 28	3 14
M13	21 17	9 24	4 52	15 53	0 34	9 31	1 7	16 39	1 12	3 48	1 1	12 58	2 21	12 51	0 44	10 32	1 23	16 43	3 20	22 49	22 51	20 40	17 28	3 14
T 14	21 7	4 30	5 12	15 24	0 23	9 7	1 1	16 27	1 12	3 44	1 1	12 59	2 21	12 51	0 44	10 32	1 23	16 43	3 20	22 49	22 52	20 41	17 29	3 14
W15	20 57	0n26	5 16	14 56	0 11	8 42	0 55	16 15	1 12	3 40	1 1	13 0	2 21	12 52	0 44	10 32	1 23	16 42	3 20	22 49	22 52	20 43	17 29	3 15
T 16	20 46	5 14	5 5	14 28	0s 2	8 18	0 49	16 3	1 12	3 36	1 0	13 1	2 22	12 53	0 44	10 33	1 23	16 42	3 20	22 49	22 52	20 44	17 29	3 15
F 17	20 36	9 43	4 40	14 1	0 15	7 54	0 43	15 51	1 12	3 32	1 0	13 2	2 22	12 53	0 44	10 33	1 23	16 41	3 20	22 49	22 52	20 45	17 30	3 15
S 18	20 25	13 44	4 3	13 34	0 28	7 29	0 36	15 39	1 12	3 29	1 0	13 3	2 22	12 54	0 44	10 33	1 23	16 41	3 20	22 49	22 53	20 47	17 30	3 15
S 19	20 13	17 11	3 16	13 8	0 42	7 5	0 30	15 27	1 12	3 25	1 0	13 4	2 22	12 55	0 44	10 33	1 23	16 40	3 20	22 49	22 53	20 48	17 30	3 15
M20	20 1	19 55	2 21	12 43	0 56	6 41	0 23	15 14	1 11	3 21	1 0	13 4	2 23	12 55	0 44	10 33	1 23	16 40	3 20	22 49	22 53	20 50	17 30	3 16
T 21	19 49	21 49	1 20	12 19	1 11	6 17	0 16	15 2	1 11	3 17	1 0	13 5	2 23	12 56	0 45	10 33	1 23	16 39	3 20	22 49	22 53	20 51	17 31	3 16
W22	19 37	22 45	0 16	11 56	1 26	5 53	0 9	14 49	1 11	3 13	1 0	13 6	2 23	12 57	0 45	10 33	1 23	16 39	3 20	22 49	22 54	20 52	17 31	3 16
T 23	19 24	22 38	0n50	11 34	1 41	5 29	0 1	14 36	1 11	3 9	1 0	13 7	2 23	12 58	0 45	10 33	1 23	16 38	3 20	22 49	22 54	20 54	17 31	3 16
F 24	19 11	21 28	1 55	11 13	1 56	5 5	0s 7	14 24	1 11	3 5	1 0	13 7	2 24	12 58	0 45	10 33	1 23	16 38	3 20	22 49	22 54	20 55	17 31	3 17
S 25	18 58	19 15	2 54	10 54	2 12	4 41	0 15	14 11	1 11	3 0	1 0	13 8	2 24	12 59	0 45	10 33	1 23	16 37	3 21	22 49	22 54	20 57	17 32	3 17
S 26	18 44	16 6	3 47	10 36	2 27	4 17	0 23	13 58	1 11	2 56	1 0	13 8	2 24	13 0	0 45	10 34	1 23	16 37	3 21	22 50	22 54	20 58	17 32	3 17
M27	18 30	12 10	4 29	10 19	2 43	3 54	0 31	13 45	1 11	2 52	0 59	13 9	2 24	13 1	0 45	10 34	1 23	16 36	3 21	22 50	22 55	20 59	17 32	3 17
T 28	18 16	7 37	4 58	10 4	2 58	3 31	0 40	13 32	1 10	2 48	0 59	13 10	2 25	13 1	0 45	10 34	1 23	16 36	3 21	22 50	22 55	21 1	17 32	3 18
W29	18 1	2 38	5 12	9 51	3 13	3 7	0 48	13 19	1 10	2 44	0 59	13 10	2 25	13 2	0 45	10 34	1 23	16 35	3 21	22 50	22 55	21 2	17 32	3 18
T 30	17 46	2s34	5 10	9 40	3 28	2 45	0 57	13 5	1 10	2 39	0 59	13 11	2 25	13 3	0 45	10 34	1 24	16 35	3 21	22 51	22 55	21 3	17 32	3 18
F 31	17n31	7s44	4n50	9n31	3s42	2n22	1s 7	12n52	1n10	2n35	0n59	13n11	2s25	13s 4	0s45	10n34	1s24	16n34	3n21	22n51	22n56	21n 5	17n32	3s18

Julian Day Number = 3063873.5, Delta T = 02h32m56s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'39, Lahiri = 47°21'40

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

AUGUST 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 44 40	11♌11'28	16♏34	24°R53	21♍57	29♌29	25♍55	12♉41	27°R 5	1♉26	23♌59	10°D 4	8♋53	19♊29	4♊14	S 1
S 2	20 48 37	12° 8'45	0♐44	24♌32	22°31	0♍ 7	26° 6	12°43	27♒ 3	1°R26	24° 1	10♋ 5	8°50	19°36	4°16	S 2
M 3	20 52 33	13° 6'02	15° 7	24° 7	23° 3	0°46	26°17	12°45	27° 0	1°26	24° 3	10° 6	8°47	19°42	4°18	M 3
T 4	20 56 30	14° 3'19	29°40	23°38	23°33	1°24	26°28	12°47	26°58	1°26	24° 4	10° 8	8°44	19°49	4°20	T 4
W 5	21 0 26	15° 0'35	14♑18	23° 5	24° 3	2° 2	26°40	12°49	26°56	1°26	24° 6	10°R 8	8°40	19°56	4°22	W 5
T 6	21 4 23	15°57'51	28°57	22°31	24°30	2°40	26°51	12°51	26°53	1°26	24° 8	10° 7	8°37	20° 2	4°24	T 6
F 7	21 8 20	16°55'07	13♒29	21°54	24°56	3°19	27° 2	12°53	26°51	1°26	24° 9	10° 4	8°34	20° 9	4°25	F 7
S 8	21 12 16	17°52'24	27°50	21°15	25°21	3°57	27°13	12°54	26°49	1°26	24°11	9°59	8°31	20°15	4°27	S 8
S 9	21 16 13	18°49'40	11♓52	20°35	25°44	4°35	27°25	12°56	26°46	1°25	24°13	9°53	8°28	20°22	4°29	S 9
M10	21 20 9	19°46'57	25°33	19°56	26° 5	5°13	27°36	12°57	26°44	1°25	24°14	9°47	8°24	20°29	4°30	M10
T 11	21 24 6	20°44'14	8♈50	19°16	26°24	5°51	27°48	12°58	26°41	1°25	24°16	9°41	8°21	20°35	4°32	T 11
W12	21 28 2	21°41'32	21°43	18°38	26°41	6°29	27°59	12°59	26°39	1°25	24°18	9°36	8°18	20°42	4°34	W12
T 13	21 31 59	22°38'50	4♉15	18° 2	26°57	7° 8	28°11	13° 0	26°37	1°24	24°19	9°33	8°15	20°49	4°35	T 13
F 14	21 35 55	23°36'09	16°29	17°28	27°10	7°46	28°23	13° 1	26°34	1°24	24°21	9°31	8°12	20°55	4°36	F 14
S 15	21 39 52	24°33'29	28°29	16°57	27°22	8°24	28°34	13° 2	26°32	1°24	24°23	9°D31	8° 9	21° 2	4°38	S 15
S 16	21 43 49	25°30'49	10♊21	16°30	27°31	9° 2	28°46	13° 3	26°29	1°23	24°24	9°32	8° 5	21° 9	4°39	S 16
M17	21 47 45	26°28'10	22° 9	16° 7	27°39	9°40	28°58	13° 4	26°27	1°23	24°26	9°33	8° 2	21°15	4°40	M17
T 18	21 51 42	27°25'32	3♋59	15°49	27°44	10°18	29°10	13° 4	26°25	1°22	24°28	9°R34	7°59	21°22	4°42	T 18
W19	21 55 38	28°22'55	15°55	15°35	27°46	10°57	29°22	13° 5	26°22	1°22	24°29	9°34	7°56	21°29	4°43	W19
T 20	21 59 35	29°20'18	28° 1	15°27	27°R47	11°35	29°34	13° 5	26°20	1°21	24°31	9°32	7°53	21°35	4°44	T 20
F 21	22 3 31	0♍17'42	10♌21	15°D25	27°45	12°13	29°46	13° 5	26°17	1°20	24°33	9°28	7°50	21°42	4°45	F 21
S 22	22 7 28	1°15'06	22°55	15°29	27°41	12°51	29°58	13° 5	26°15	1°20	24°34	9°22	7°46	21°49	4°46	S 22
S 23	22 11 24	2°12'31	5♍46	15°39	27°35	13°29	0♎10	13°R 5	26°13	1°19	24°36	9°14	7°43	21°55	4°47	S 23
M24	22 15 21	3° 9'57	18°53	15°55	27°26	14° 7	0°22	13° 5	26°10	1°19	24°38	9° 5	7°40	22° 2	4°47	M24
T 25	22 19 18	4° 7'23	2♎14	16°17	27°15	14°45	0°34	13° 5	26° 8	1°18	24°39	8°56	7°37	22° 9	4°48	T 25
W26	22 23 14	5° 4'50	15°47	16°45	27° 1	15°23	0°47	13° 5	26° 5	1°17	24°41	8°47	7°34	22°15	4°49	W26
T 27	22 27 11	6° 2'18	29°32	17°20	26°45	16° 2	0°59	13° 4	26° 3	1°16	24°43	8°41	7°30	22°22	4°50	T 27
F 28	22 31 7	6°59'46	13♏24	18° 1	26°27	16°40	1°11	13° 4	26° 1	1°16	24°44	8°36	7°27	22°28	4°50	F 28
S 29	22 35 4	7°57'14	27°24	18°48	26° 6	17°18	1°24	13° 3	25°58	1°15	24°46	8°34	7°24	22°35	4°51	S 29
S 30	22 39 0	8°54'43	11♐30	19°41	25°43	17°56	1°36	13° 3	25°56	1°14	24°47	8°D34	7°21	22°42	4°51	S 30
M31	22 42 57	9♍52'13	25♐40	20♌41	25♍18	18♍34	1♎49	13♉ 2	25♒54	1♉13	24♌49	8♋34	7♋18	22♊48	4♊52	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n16	12s36	4n12	9n24	3s56	2n 0	1s16	12n39	1n10	2n31	0n59	13n11	2s26	13s 4	0s45	10n34	1s24	16n34	3n21	22n51	22n56	21n 6	17n33	3s19
S 2	17 0	16 52	3 19	9 19	4 9	1 38	1 26	12 25	1 10	2 26	0 59	13 12	2 26	13 5	0 45	10 33	1 24	16 33	3 21	22 51	22 56	21 7	17 33	3 19
M 3	16 44	20 12	2 13	9 16	4 21	1 16	1 36	12 12	1 10	2 22	0 59	13 12	2 26	13 6	0 45	10 33	1 24	16 33	3 21	22 51	22 56	21 9	17 33	3 19
T 4	16 28	22 16	0 57	9 14	4 32	0 55	1 46	11 58	1 9	2 18	0 59	13 13	2 26	13 7	0 45	10 33	1 24	16 32	3 21	22 50	22 56	21 10	17 33	3 19
W 5	16 11	22 50	0s23	9 16	4 41	0 34	1 57	11 44	1 9	2 13	0 59	13 13	2 27	13 8	0 45	10 33	1 24	16 32	3 21	22 50	22 57	21 11	17 33	3 20
T 6	15 54	21 50	1 41	9 19	4 50	0 13	2 7	11 30	1 9	2 9	0 59	13 13	2 27	13 8	0 45	10 33	1 24	16 31	3 21	22 51	22 57	21 13	17 33	3 20
F 7	15 37	19 22	2 52	9 24	4 57	0s 7	2 18	11 17	1 9	2 4	0 59	13 13	2 27	13 9	0 45	10 33	1 24	16 31	3 21	22 51	22 57	21 14	17 33	3 20
S 8	15 20	15 44	3 51	9 30	5 2	0 27	2 29	11 3	1 9	2 0	0 59	13 14	2 27	13 10	0 45	10 33	1 24	16 30	3 21	22 51	22 57	21 15	17 33	3 21
S 9	15 3	11 17	4 34	9 39	5 6	0 47	2 40	10 49	1 9	1 55	0 59	13 14	2 28	13 11	0 45	10 33	1 24	16 30	3 21	22 52	22 57	21 17	17 33	3 21
M10	14 45	6 22	5 1	9 49	5 8	1 5	2 52	10 35	1 9	1 50	0 59	13 14	2 28	13 12	0 45	10 33	1 24	16 29	3 21	22 52	22 58	21 18	17 33	3 21
T 11	14 27	1 17	5 10	10 1	5 9	1 24	3 4	10 21	1 8	1 46	0 58	13 14	2 28	13 13	0 45	10 33	1 24	16 29	3 21	22 52	22 58	21 19	17 33	3 21
W12	14 9	3n41	5 3	10 14	5 7	1 41	3 16	10 6	1 8	1 41	0 58	13 14	2 28	13 13	0 45	10 32	1 24	16 28	3 21	22 53	22 58	21 21	17 33	3 22
T 13	13 51	8 23	4 42	10 27	5 4	1 59	3 28	9 52	1 8	1 37	0 58	13 14	2 29	13 14	0 45	10 32	1 24	16 28	3 21	22 53	22 58	21 22	17 33	3 22
F 14	13 32	12 39	4 8	10 42	4 59	2 15	3 40	9 38	1 8	1 32	0 58	13 14	2 29	13 15	0 45	10 32	1 24	16 27	3 22	22 53	22 58	21 23	17 33	3 22
S 15	13 13	16 19	3 24	10 57	4 53	2 31	3 52	9 24	1 8	1 27	0 58	13 14	2 29	13 16	0 45	10 32	1 24	16 27	3 22	22 53	22 59	21 25	17 33	3 22
S 16	12 54	19 18	2 32	11 12	4 45	2 46	4 5	9 9	1 7	1 23	0 58	13 14	2 29	13 17	0 45	10 32	1 24	16 26	3 22	22 53	22 59	21 26	17 33	3 23
M17	12 35	21 27	1 33	11 28	4 36	3 1	4 17	8 55	1 7	1 18	0 58	13 14	2 30	13 17	0 45	10 32	1 24	16 26	3 22	22 53	22 59	21 27	17 33	3 23
T 18	12 15	22 40	0 30	11 43	4 25	3 14	4 30	8 40	1 7	1 13	0 58	13 14	2 30	13 18	0 45	10 31	1 24	16 25	3 22	22 53	22 59	21 28	17 33	3 23
W19	11 56	22 51	0n34	11 58	4 14	3 27	4 43	8 26	1 7	1 8	0 58	13 14	2 30	13 19	0 45	10 31	1 25	16 25	3 22	22 53	22 59	21 30	17 33	3 24
T 20	11 36	21 58	1 38	12 13	4 1	3 39	4 56	8 11	1 7	1 4	0 58	13 14	2 31	13 20	0 45	10 31	1 25	16 24	3 22	22 53	22 59	21 31	17 33	3 24
F 21	11 16	20 2	2 38	12 27	3 47	3 51	5 9	7 57	1 7	0 59	0 58	13 14	2 31	13 21	0 45	10 31	1 25	16 24	3 22	22 53	23 0	21 32	17 33	3 24
S 22	10 56	17 5	3 32	12 39	3 33	4 1	5 22	7 42	1 6	0 54	0 58	13 13	2 31	13 22	0 45	10 30	1 25	16 23	3 22	22 54	23 0	21 33	17 33	3 24
S 23	10 36	13 17	4 16	12 51	3 18	4 10	5 34	7 27	1 6	0 49	0 58	13 13	2 31	13 22	0 45	10 30	1 25	16 23	3 22	22 54	23 0	21 35	17 32	3 25
M24	10 15	8 46	4 47	13 1	3 2	4 18	5 47	7 13	1 6	0 44	0 58	13 13	2 32	13 23	0 45	10 30	1 25	16 22	3 22	22 55	23 0	21 36	17 32	3 25
T 25	9 55	3 46	5 3	13 10	2 46	4 25	6 0	6 58	1 6	0 40	0 58	13 13	2 32	13 24	0 45	10 30	1 25	16 22	3 22	22 56	23 0	21 37	17 32	3 25
W26	9 34	1s29	5 3	13 17	2 30	4 32	6 12	6 43	1 6	0 35	0 58	13 12	2 32	13 25	0 45	10 29	1 25	16 22	3 22	22 56	23 1	21 38	17 32	3 26
T 27	9 13	6 44	4 46	13 23	2 13	4 37	6 24	6 28	1 5	0 30	0 58	13 12	2 32	13 26	0 45	10 29	1 25	16 21	3 22	22 57	23 1	21 40	17 32	3 26
F 28	8 52	11 43	4 11	13 26	1 57	4 40	6 36	6 13	1 5	0 25	0 58	13 12	2 33	13 26	0 45	10 29	1 25	16 21	3 23	22 57	23 1	21 41	17 32	3 26
S 29	8 31	16 8	3 22	13 28	1 40	4 43	6 48	5 58	1 5	0 20	0 58	13 11	2 33	13 27	0 45	10 28	1 25	16 20	3 23	22 57	23 1	21 42	17 31	3 27
S 30	8 9	19 39	2 20	13 27	1 24	4 45	6 59	5 43	1 5	0 15	0 58	13 11	2 33	13 28	0 45	10 28	1 25	16 20	3 23	22 57	23 1	21 43	17 31	3 27
M31	7n48	22s 1	1n 8	13n23	1s 8	4s45	7s10	5n28	1n 4	0n10	0n58	13n10	2s33	13s29	0s45	10n28	1s25	16n19	3n23	22n57	23n 1	21n44	17n31	3s27

Julian Day Number = 3063904.5, Delta T = 02h32m57s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'43, Lahiri = 47°21'44

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

SEPTEMBER 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 46 53	10♍49'43	9♉53	21♌46	24°R51	19♍12	2♎ 1	13°R 1	25°R51	1°R12	24♌51	8°R34	7♋15	22♊55	4♊52	T 1
W 2	22 50 50	11°47'14	24° 8	22°56	24♍23	19°50	2°14	13♉ 0	25♒49	1♉11	24°52	8♋33	7°11	23° 2	4°53	W 2
T 3	22 54 47	12°44'46	8♒21	24°13	23°52	20°28	2°26	12°59	25°47	1°10	24°54	8°30	7° 8	23° 8	4°53	T 3
F 4	22 58 43	13°42'18	22°30	25°34	23°20	21° 6	2°39	12°58	25°44	1° 9	24°56	8°25	7° 5	23°15	4°53	F 4
S 5	23 2 40	14°39'51	6♓29	27° 1	22°46	21°44	2°52	12°56	25°42	1° 8	24°57	8°16	7° 2	23°22	4°53	S 5
S 6	23 6 36	15°37'25	20°15	28°32	22°11	22°23	3° 4	12°55	25°40	1° 7	24°59	8° 6	6°59	23°28	4°53	S 6
M 7	23 10 33	16°35'00	3♈44	0♍ 8	21°36	23° 1	3°17	12°54	25°38	1° 6	25° 0	7°55	6°56	23°35	4°R53	M 7
T 8	23 14 29	17°32'36	16°53	1°48	20°59	23°39	3°30	12°52	25°36	1° 5	25° 2	7°44	6°52	23°42	4°53	T 8
W 9	23 18 26	18°30'14	29°42	3°32	20°22	24°17	3°42	12°50	25°33	1° 4	25° 3	7°35	6°49	23°48	4°53	W 9
T 10	23 22 22	19°27'53	12♉12	5°19	19°44	24°55	3°55	12°49	25°31	1° 3	25° 5	7°27	6°46	23°55	4°53	T 10
F 11	23 26 19	20°25'33	24°25	7° 9	19° 7	25°33	4° 8	12°47	25°29	1° 2	25° 6	7°22	6°43	24° 2	4°53	F 11
S 12	23 30 16	21°23'14	6♊25	9° 2	18°29	26°11	4°21	12°45	25°27	1° 1	25° 8	7°19	6°40	24° 8	4°53	S 12
S 13	23 34 12	22°20'57	18°16	10°57	17°53	26°49	4°33	12°43	25°25	0°59	25°10	7°D18	6°36	24°15	4°52	S 13
M14	23 38 9	23°18'42	0♋ 5	12°53	17°16	27°27	4°46	12°41	25°23	0°58	25°11	7°18	6°33	24°21	4°52	M14
T 15	23 42 5	24°16'28	11°56	14°52	16°41	28° 5	4°59	12°38	25°21	0°57	25°13	7°R18	6°30	24°28	4°51	T 15
W16	23 46 2	25°14'16	23°54	16°51	16° 7	28°44	5°12	12°36	25°19	0°56	25°14	7°17	6°27	24°35	4°51	W16
T 17	23 49 58	26°12'05	6♌ 5	18°50	15°34	29°22	5°25	12°34	25°17	0°54	25°16	7°14	6°24	24°41	4°50	T 17
F 18	23 53 55	27° 9'56	18°33	20°50	15° 2	29°59	5°38	12°31	25°15	0°53	25°17	7° 9	6°21	24°48	4°50	F 18
S 19	23 57 51	28° 7'48	1♍20	22°50	14°33	0♎38	5°51	12°29	25°13	0°52	25°18	7° 0	6°17	24°55	4°49	S 19
S 20	0 1 48	29° 5'41	14°28	24°50	14° 5	1°16	6° 4	12°26	25°11	0°51	25°20	6°50	6°14	25° 1	4°48	S 20
M21	0 5 44	0♎ 3'36	27°56	26°50	13°39	1°54	6°17	12°23	25° 9	0°49	25°21	6°38	6°11	25° 8	4°47	M21
T 22	0 9 41	1° 1'33	11♎42	28°49	13°15	2°32	6°30	12°20	25° 8	0°48	25°23	6°26	6° 8	25°15	4°47	T 22
W23	0 13 38	1°59'31	25°41	0♎47	12°53	3°10	6°43	12°17	25° 6	0°46	25°24	6°15	6° 5	25°21	4°46	W23
T 24	0 17 34	2°57'30	9♏50	2°44	12°33	3°49	6°55	12°14	25° 4	0°45	25°26	6° 5	6° 1	25°28	4°45	T 24
F 25	0 21 31	3°55'30	24° 4	4°41	12°16	4°27	7° 8	12°11	25° 2	0°44	25°27	5°59	5°58	25°35	4°44	F 25
S 26	0 25 27	4°53'32	8♐18	6°36	12° 1	5° 5	7°21	12° 8	25° 1	0°42	25°28	5°55	5°55	25°41	4°43	S 26
S 27	0 29 24	5°51'35	22°30	8°30	11°48	5°43	7°34	12° 5	24°59	0°41	25°30	5°54	5°52	25°48	4°42	S 27
M28	0 33 20	6°49'40	6♑38	10°23	11°38	6°21	7°47	12° 1	24°57	0°39	25°31	5°53	5°49	25°55	4°40	M28
T 29	0 37 17	7°47'45	20°41	12°16	11°30	6°59	8° 0	11°58	24°56	0°38	25°32	5°53	5°46	26° 1	4°39	T 29
W30	0 41 13	8♎45'52	4♒39	14♎ 6	11♍25	7♎38	8♎13	11♉55	24♒54	0♉36	25♌34	5♋52	5♋42	26♊ 8	4♊38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n26	22s59	0s 7	13n18	0s53	4s44	7s21	5n13	1n 4	0n 5	0n58	13n10	2s34	13s29	0s45	10n27	1s25	16n19	3n23	22n57	23n 2	21n46	17n31	3s27
W 2	7 5	22 26	1 22	13 10	0 37	4 42	7 31	4 58	1 4	0 0	0 58	13 9	2 34	13 30	0 45	10 27	1 25	16 18	3 23	22 57	23 2	21 47	17 31	3 28
T 3	6 43	20 27	2 32	12 59	0 23	4 38	7 40	4 43	1 4	0s 5	0 58	13 9	2 34	13 31	0 45	10 27	1 25	16 18	3 23	22 57	23 2	21 48	17 30	3 28
F 4	6 21	17 14	3 32	12 45	0 8	4 34	7 49	4 28	1 4	0 10	0 58	13 8	2 34	13 32	0 45	10 26	1 25	16 17	3 23	22 58	23 2	21 49	17 30	3 28
S 5	5 59	13 3	4 18	12 29	0n 5	4 28	7 56	4 13	1 3	0 15	0 58	13 7	2 35	13 33	0 45	10 26	1 25	16 17	3 23	22 58	23 2	21 50	17 30	3 29
S 6	5 37	8 15	4 48	12 10	0 18	4 21	8 4	3 58	1 3	0 20	0 58	13 7	2 35	13 33	0 45	10 25	1 25	16 16	3 23	22 59	23 2	21 52	17 30	3 29
M 7	5 15	3 9	5 2	11 48	0 30	4 13	8 10	3 43	1 3	0 25	0 58	13 6	2 35	13 34	0 45	10 25	1 25	16 16	3 23	22 59	23 3	21 53	17 29	3 29
T 8	4 53	1n58	4 59	11 23	0 41	4 4	8 15	3 28	1 3	0 30	0 58	13 5	2 35	13 35	0 45	10 25	1 25	16 16	3 24	23 0	23 3	21 54	17 29	3 29
W 9	4 30	6 53	4 41	10 56	0 52	3 54	8 20	3 13	1 2	0 35	0 58	13 5	2 35	13 35	0 45	10 24	1 25	16 15	3 24	23 1	23 3	21 55	17 29	3 30
T 10	4 8	11 24	4 9	10 26	1 1	3 43	8 24	2 57	1 2	0 40	0 58	13 4	2 36	13 36	0 45	10 24	1 25	16 15	3 24	23 1	23 3	21 56	17 28	3 30
F 11	3 46	15 21	3 27	9 53	1 10	3 31	8 27	2 42	1 2	0 45	0 58	13 3	2 36	13 37	0 45	10 23	1 26	16 14	3 24	23 1	23 3	21 57	17 28	3 30
S 12	3 23	18 37	2 36	9 19	1 18	3 18	8 29	2 27	1 2	0 50	0 58	13 2	2 36	13 38	0 45	10 23	1 26	16 14	3 24	23 1	23 3	21 59	17 28	3 31
S 13	3 1	21 4	1 39	8 42	1 24	3 5	8 30	2 12	1 1	0 55	0 58	13 2	2 36	13 38	0 45	10 23	1 26	16 13	3 24	23 1	23 4	22 0	17 27	3 31
M14	2 38	22 35	0 38	8 3	1 30	2 51	8 30	1 56	1 1	1 0	0 58	13 1	2 37	13 39	0 45	10 22	1 26	16 13	3 24	23 1	23 4	22 1	17 27	3 31
T 15	2 15	23 6	0n25	7 22	1 35	2 37	8 29	1 41	1 1	1 5	0 58	13 0	2 37	13 40	0 45	10 22	1 26	16 13	3 24	23 1	23 4	22 2	17 27	3 31
W16	1 53	22 33	1 27	6 40	1 39	2 23	8 27	1 26	1 1	1 10	0 58	12 59	2 37	13 40	0 45	10 21	1 26	16 12	3 24	23 2	23 4	22 3	17 26	3 32
T 17	1 30	20 57	2 26	5 56	1 42	2 8	8 25	1 11	1 0	1 15	0 58	12 58	2 37	13 41	0 45	10 21	1 26	16 12	3 25	23 2	23 4	22 4	17 26	3 32
F 18	1 7	18 18	3 20	5 11	1 44	1 53	8 21	0 55	1 0	1 20	0 58	12 57	2 37	13 41	0 45	10 20	1 26	16 11	3 25	23 2	23 4	22 5	17 26	3 32
S 19	0 44	14 43	4 5	4 26	1 45	1 38	8 17	0 40	1 0	1 25	0 58	12 56	2 38	13 42	0 45	10 20	1 26	16 11	3 25	23 2	23 5	22 7	17 25	3 33
S 20	0 21	10 21	4 38	3 39	1 45	1 23	8 12	0 25	1 0	1 30	0 58	12 55	2 38	13 43	0 45	10 19	1 26	16 11	3 25	23 3	23 5	22 8	17 25	3 33
M21	0s 1	5 22	4 57	2 52	1 45	1 8	8 7	0 10	0 59	1 35	0 58	12 54	2 38	13 43	0 45	10 19	1 26	16 10	3 25	23 4	23 5	22 9	17 24	3 33
T 22	0 24	0 1	4 59	2 4	1 44	0 53	8 1	0s 6	0 59	1 40	0 58	12 53	2 38	13 44	0 45	10 18	1 26	16 10	3 25	23 4	23 5	22 10	17 24	3 34
W23	0 47	5s26	4 44	1 16	1 43	0 39	7 54	0 21	0 59	1 45	0 58	12 52	2 38	13 44	0 45	10 18	1 26	16 10	3 25	23 5	23 5	22 11	17 23	3 34
T 24	1 10	10 40	4 11	0 28	1 41	0 25	7 46	0 36	0 59	1 50	0 58	12 51	2 39	13 45	0 45	10 17	1 26	16 9	3 25	23 5	23 5	22 12	17 23	3 34
F 25	1 33	15 21	3 22	0s21	1 38	0 11	7 39	0 52	0 58	1 55	0 58	12 50	2 39	13 46	0 45	10 17	1 26	16 9	3 25	23 5	23 5	22 13	17 22	3 34
S 26	1 56	19 11	2 20	1 9	1 35	0n 2	7 30	1 7	0 58	2 1	0 58	12 49	2 39	13 46	0 45	10 16	1 26	16 9	3 26	23 6	23 6	22 14	17 22	3 35
S 27	2 18	21 51	1 10	1 57	1 31	0 15	7 21	1 22	0 58	2 6	0 58	12 48	2 39	13 47	0 44	10 16	1 26	16 8	3 26	23 6	23 6	22 15	17 22	3 35
M28	2 41	23 7	0s 4	2 45	1 27	0 28	7 12	1 37	0 57	2 11	0 58	12 46	2 39	13 47	0 44	10 15	1 26	16 8	3 26	23 6	23 6	22 16	17 21	3 35
T 29	3 4	22 55	1 17	3 33	1 22	0 39	7 3	1 52	0 57	2 16	0 58	12 45	2 40	13 48	0 44	10 15	1 26	16 8	3 26	23 6	23 6	22 18	17 21	3 35
W30	3s27	21s17	2s26	4s20	1n17	0n50	6s53	2s 8	0n57	2s21	0n58	12n44	2s40	13s48	0s44	10n14	1s26	16n 7	3n26	23n 6	23n 6	22n19	17n20	3s36

Julian Day Number = 3063935.5, Delta T = 02h32m58s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'48, Lahiri = 47°21'48

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OCTOBER 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 45 10	9♎44'00	18♒30	15♎56	11°R22	8♎16	8♎26	11°R51	24°R53	0°R35	25♌35	5°R48	5♋39	26♊14	4°R36	T 1
F 2	0 49 7	10°42'10	2♓14	17°45	11°D21	8°54	8°39	11♉47	24♒51	0♉33	25°36	5♋41	5°36	26°21	4♊35	F 2
S 3	0 53 3	11°40'21	15°48	19°32	11♍23	9°32	8°52	11°44	24°50	0°32	25°37	5°32	5°33	26°28	4°34	S 3
S 4	0 57 0	12°38'33	29°11	21°18	11°27	10°10	9° 5	11°40	24°49	0°30	25°39	5°20	5°30	26°34	4°32	S 4
M 5	1 0 56	13°36'47	12♈20	23° 3	11°33	10°48	9°18	11°36	24°47	0°28	25°40	5° 7	5°27	26°41	4°30	M 5
T 6	1 4 53	14°35'02	25°15	24°47	11°42	11°27	9°31	11°32	24°46	0°27	25°41	4°55	5°23	26°48	4°29	T 6
W 7	1 8 49	15°33'20	7♉53	26°29	11°52	12° 5	9°44	11°28	24°45	0°25	25°42	4°44	5°20	26°54	4°27	W 7
T 8	1 12 46	16°31'39	20°15	28°11	12° 5	12°43	9°57	11°24	24°44	0°24	25°43	4°34	5°17	27° 1	4°25	T 8
F 9	1 16 42	17°30'00	2♊23	29°51	12°20	13°21	10°10	11°20	24°42	0°22	25°44	4°28	5°14	27° 8	4°24	F 9
S 10	1 20 39	18°28'23	14°21	1♏31	12°37	14° 0	10°23	11°16	24°41	0°20	25°46	4°24	5°11	27°14	4°22	S 10
S 11	1 24 35	19°26'48	26°11	3° 9	12°56	14°38	10°36	11°12	24°40	0°19	25°47	4°22	5° 7	27°21	4°20	S 11
M12	1 28 32	20°25'15	7♋58	4°46	13°16	15°16	10°49	11° 8	24°39	0°17	25°48	4°D22	5° 4	27°28	4°18	M12
T 13	1 32 29	21°23'44	19°48	6°22	13°39	15°54	11° 2	11° 4	24°38	0°16	25°49	4°R22	5° 1	27°34	4°16	T 13
W14	1 36 25	22°22'16	1♌47	7°58	14° 3	16°33	11°15	10°59	24°37	0°14	25°50	4°22	4°58	27°41	4°14	W14
T 15	1 40 22	23°20'49	13°59	9°32	14°29	17°11	11°27	10°55	24°36	0°12	25°51	4°20	4°55	27°47	4°12	T 15
F 16	1 44 18	24°19'24	26°29	11° 5	14°57	17°49	11°40	10°51	24°35	0°11	25°52	4°16	4°52	27°54	4°10	F 16
S 17	1 48 15	25°18'02	9♍22	12°37	15°26	18°27	11°53	10°46	24°35	0° 9	25°53	4° 9	4°48	28° 1	4° 8	S 17
S 18	1 52 11	26°16'41	22°39	14° 8	15°57	19° 6	12° 6	10°42	24°34	0° 7	25°54	4° 0	4°45	28° 7	4° 6	S 18
M19	1 56 8	27°15'22	6♎21	15°39	16°29	19°44	12°19	10°37	24°33	0° 6	25°55	3°50	4°42	28°14	4° 3	M19
T 20	2 0 4	28°14'06	20°26	17° 8	17° 2	20°22	12°31	10°33	24°33	0° 4	25°56	3°39	4°39	28°21	4° 1	T 20
W21	2 4 1	29°12'51	4♏49	18°36	17°37	21° 1	12°44	10°28	24°32	0° 2	25°56	3°29	4°36	28°27	3°59	W21
T 22	2 7 58	0♏11'38	19°23	20° 3	18°13	21°39	12°57	10°24	24°31	0° 1	25°57	3°21	4°33	28°34	3°56	T 22
F 23	2 11 54	1°10'27	4♐ 2	21°30	18°51	22°18	13°10	10°19	24°31	29♈59	25°58	3°16	4°29	28°41	3°54	F 23
S 24	2 15 51	2° 9'18	18°39	22°55	19°30	22°56	13°22	10°15	24°30	29°57	25°59	3°13	4°26	28°47	3°52	S 24
S 25	2 19 47	3° 8'11	3♑ 8	24°19	20° 9	23°34	13°35	10°10	24°30	29°56	26° 0	3°D12	4°23	28°54	3°49	S 25
M26	2 23 44	4° 7'05	17°26	25°42	20°50	24°13	13°47	10° 5	24°30	29°54	26° 1	3°12	4°20	29° 1	3°47	M26
T 27	2 27 40	5° 6'01	1♒31	27° 4	21°32	24°51	14° 0	10° 1	24°29	29°52	26° 1	3°R13	4°17	29° 7	3°44	T 27
W28	2 31 37	6° 4'58	15°23	28°25	22°16	25°29	14°12	9°56	24°29	29°51	26° 2	3°13	4°13	29°14	3°42	W28
T 29	2 35 33	7° 3'57	29° 1	29°45	23° 0	26° 8	14°25	9°51	24°29	29°49	26° 3	3°10	4°10	29°21	3°39	T 29
F 30	2 39 30	8° 2'57	12♓27	1♐ 3	23°45	26°46	14°37	9°46	24°29	29°47	26° 3	3° 6	4° 7	29°27	3°36	F 30
S 31	2 43 27	9♏ 2'00	25♓39	2♐20	24♍31	27♎25	14♎50	9♉42	24♒29	29♈46	26♌ 4	2♋59	4♋ 4	29♊34	3♊34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s49	18 s24	3 s25	5 s 7	1n12	1n 1	6 s43	2 s23	0n57	2 s26	0n58	12n43	2 s40	13 s49	0 s44	10n13	1 s26	16n 7	3n26	23n 6	23n 6	22n20	17n20	3 s36
F 2	4 12	14 30	4 11	5 53	1 6	1 10	6 33	2 38	0 56	2 31	0 58	12 42	2 40	13 49	0 44	10 13	1 26	16 7	3 26	23 6	23 6	22 21	17 19	3 36
S 3	4 35	9 54	4 43	6 39	1 0	1 19	6 22	2 53	0 56	2 36	0 58	12 40	2 40	13 49	0 44	10 12	1 26	16 6	3 26	23 7	23 7	22 22	17 19	3 37
S 4	4 57	4 54	4 59	7 24	0 54	1 28	6 12	3 8	0 56	2 41	0 58	12 39	2 40	13 50	0 44	10 12	1 26	16 6	3 27	23 7	23 7	22 23	17 18	3 37
M 5	5 20	0n15	4 58	8 8	0 48	1 35	6 1	3 23	0 55	2 46	0 58	12 38	2 40	13 50	0 44	10 11	1 26	16 6	3 27	23 8	23 7	22 24	17 17	3 37
T 6	5 42	5 18	4 42	8 52	0 41	1 42	5 50	3 38	0 55	2 51	0 58	12 36	2 41	13 51	0 44	10 11	1 26	16 5	3 27	23 8	23 7	22 25	17 17	3 37
W 7	6 4	10 1	4 12	9 36	0 34	1 48	5 40	3 54	0 55	2 56	0 58	12 35	2 41	13 51	0 44	10 10	1 26	16 5	3 27	23 8	23 7	22 26	17 16	3 38
T 8	6 26	14 15	3 31	10 18	0 28	1 53	5 29	4 9	0 54	3 1	0 58	12 34	2 41	13 51	0 44	10 10	1 26	16 5	3 27	23 9	23 7	22 27	17 16	3 38
F 9	6 49	17 49	2 41	11 0	0 21	1 58	5 18	4 24	0 54	3 6	0 58	12 32	2 41	13 52	0 44	10 9	1 26	16 5	3 27	23 9	23 7	22 28	17 15	3 38
S 10	7 11	20 35	1 44	11 41	0 13	2 2	5 7	4 39	0 54	3 11	0 58	12 31	2 41	13 52	0 44	10 8	1 26	16 4	3 27	23 9	23 7	22 29	17 15	3 38
S 11	7 33	22 27	0 43	12 21	0 6	2 5	4 56	4 53	0 54	3 16	0 58	12 30	2 41	13 53	0 44	10 8	1 26	16 4	3 28	23 9	23 8	22 30	17 14	3 39
M12	7 54	23 18	0n19	13 1	0s 1	2 7	4 45	5 8	0 53	3 21	0 58	12 28	2 41	13 53	0 44	10 7	1 26	16 4	3 28	23 9	23 8	22 31	17 13	3 39
T 13	8 16	23 7	1 21	13 40	0 9	2 8	4 35	5 23	0 53	3 26	0 58	12 27	2 41	13 53	0 44	10 7	1 26	16 4	3 28	23 9	23 8	22 32	17 13	3 39
W14	8 38	21 52	2 20	14 17	0 16	2 9	4 24	5 38	0 53	3 31	0 58	12 26	2 42	13 53	0 44	10 6	1 26	16 4	3 28	23 9	23 8	22 33	17 12	3 39
T 15	8 59	19 35	3 14	14 54	0 23	2 9	4 13	5 53	0 52	3 36	0 59	12 24	2 42	13 54	0 44	10 6	1 26	16 3	3 28	23 9	23 8	22 34	17 12	3 40
F 16	9 21	16 21	4 0	15 31	0 31	2 8	4 3	6 8	0 52	3 41	0 59	12 23	2 42	13 54	0 44	10 5	1 26	16 3	3 28	23 9	23 8	22 35	17 11	3 40
S 17	9 42	12 15	4 36	16 6	0 38	2 7	3 52	6 22	0 52	3 45	0 59	12 21	2 42	13 54	0 44	10 4	1 26	16 3	3 28	23 10	23 8	22 36	17 10	3 40
S 18	10 3	7 27	4 57	16 40	0 46	2 5	3 42	6 37	0 51	3 50	0 59	12 20	2 42	13 54	0 44	10 4	1 26	16 3	3 29	23 10	23 8	22 37	17 10	3 40
M19	10 24	2 9	5 3	17 14	0 53	2 2	3 32	6 52	0 51	3 55	0 59	12 18	2 42	13 55	0 44	10 3	1 26	16 3	3 29	23 10	23 8	22 38	17 9	3 41
T 20	10 45	3 s25	4 50	17 46	1 1	1 58	3 22	7 6	0 51	4 0	0 59	12 17	2 42	13 55	0 44	10 3	1 26	16 2	3 29	23 10	23 9	22 39	17 9	3 41
W21	11 6	8 55	4 20	18 18	1 8	1 54	3 12	7 21	0 50	4 5	0 59	12 16	2 42	13 55	0 44	10 2	1 26	16 2	3 29	23 11	23 9	22 40	17 8	3 41
T 22	11 26	14 1	3 32	18 49	1 16	1 49	3 2	7 36	0 50	4 10	0 59	12 14	2 42	13 55	0 44	10 1	1 26	16 2	3 29	23 11	23 9	22 41	17 7	3 41
F 23	11 47	18 19	2 29	19 18	1 23	1 44	2 52	7 50	0 50	4 15	0 59	12 13	2 42	13 55	0 44	10 1	1 26	16 2	3 29	23 11	23 9	22 42	17 7	3 41
S 24	12 7	21 28	1 17	19 47	1 30	1 37	2 43	8 4	0 49	4 19	0 59	12 11	2 42	13 55	0 44	10 0	1 26	16 2	3 29	23 11	23 9	22 43	17 6	3 42
S 25	12 27	23 11	0 0	20 15	1 37	1 31	2 33	8 19	0 49	4 24	0 59	12 10	2 42	13 56	0 44	10 0	1 26	16 2	3 30	23 11	23 9	22 44	17 5	3 42
M26	12 47	23 21	1 s16	20 42	1 44	1 23	2 24	8 33	0 49	4 29	0 59	12 8	2 42	13 56	0 44	9 59	1 26	16 2	3 30	23 11	23 9	22 44	17 5	3 42
T 27	13 6	22 1	2 26	21 7	1 51	1 15	2 15	8 47	0 48	4 34	0 59	12 7	2 42	13 56	0 44	9 59	1 26	16 1	3 30	23 11	23 9	22 45	17 4	3 42
W28	13 26	19 22	3 26	21 32	1 57	1 7	2 6	9 2	0 48	4 38	0 59	12 5	2 42	13 56	0 44	9 58	1 26	16 1	3 30	23 11	23 9	22 46	17 3	3 42
T 29	13 45	15 41	4 14	21 56	2 4	0 58	1 57	9 16	0 48	4 43	1 0	12 4	2 42	13 56	0 44	9 57	1 26	16 1	3 30	23 11	23 10	22 47	17 3	3 43
F 30	14 4	11 15	4 47	22 19	2 10	0 48	1 48	9 30	0 47	4 48	1 0	12 2	2 42	13 56	0 44	9 57	1 26	16 1	3 30	23 11	23 10	22 48	17 2	3 43
S 31	14 s23	6 s22	5 s 4	22 s40	2 s16	0n38	1 s40	9 s44	0n47	4 s52	1n 0	12n 1	2 s42	13 s56	0 s44	9n56	1 s26	16n 1	3n30	23n11	23n10	22n49	17n 1	3 s43

Julian Day Number = 3063965.5, Delta T = 02h32m59s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'52, Lahiri = 47°21'52

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

NOVEMBER 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 47 23	10♏ 1'03	8♈40	3♐36	25♍18	28♎ 3	15♎ 2	9°R37	24°R28	29°R44	26♌ 5	2°R51	4♋ 1	29♊40	3°R31	S 1
M 2	2 51 20	11° 0'09	21°27	4°51	26° 6	28°42	15°14	9♉32	24°D28	29♈42	26° 5	2♋41	3°58	29°47	3♊28	M 2
T 3	2 55 16	11°59'17	4♉ 3	6° 3	26°54	29°20	15°27	9°28	24♒28	29°41	26° 6	2°32	3°54	29°54	3°25	T 3
W 4	2 59 13	12°58'26	16°26	7°14	27°44	29°59	15°39	9°23	24°29	29°39	26° 7	2°23	3°51	0♋ 0	3°23	W 4
T 5	3 3 9	13°57'38	28°37	8°24	28°34	0♏37	15°51	9°18	24°29	29°38	26° 7	2°17	3°48	0° 7	3°20	T 5
F 6	3 7 6	14°56'52	10♊38	9°31	29°25	1°16	16° 3	9°14	24°29	29°36	26° 8	2°12	3°45	0°14	3°17	F 6
S 7	3 11 2	15°56'07	22°32	10°37	0♎17	1°54	16°15	9° 9	24°29	29°34	26° 8	2° 9	3°42	0°20	3°14	S 7
S 8	3 14 59	16°55'25	4♋19	11°40	1° 9	2°33	16°27	9° 4	24°29	29°33	26° 9	2°D 9	3°39	0°27	3°11	S 8
M 9	3 18 56	17°54'45	16° 6	12°40	2° 2	3°11	16°39	9° 0	24°30	29°31	26° 9	2°10	3°35	0°34	3° 8	M 9
T 10	3 22 52	18°54'07	27°55	13°38	2°56	3°50	16°51	8°55	24°30	29°30	26° 9	2°11	3°32	0°40	3° 5	T 10
W11	3 26 49	19°53'32	9♌52	14°33	3°51	4°28	17° 3	8°51	24°31	29°28	26°10	2°13	3°29	0°47	3° 3	W11
T 12	3 30 45	20°52'58	22° 2	15°25	4°46	5° 7	17°15	8°46	24°31	29°27	26°10	2°R13	3°26	0°54	3° 0	T 12
F 13	3 34 42	21°52'27	4♍30	16°13	5°41	5°46	17°27	8°42	24°32	29°25	26°11	2°12	3°23	1° 0	2°57	F 13
S 14	3 38 38	22°51'58	17°21	16°57	6°38	6°24	17°38	8°37	24°32	29°24	26°11	2°10	3°19	1° 7	2°54	S 14
S 15	3 42 35	23°51'31	0♎37	17°37	7°34	7° 3	17°50	8°33	24°33	29°22	26°11	2° 5	3°16	1°13	2°51	S 15
M16	3 46 31	24°51'06	14°21	18°12	8°32	7°42	18° 2	8°28	24°34	29°21	26°11	2° 0	3°13	1°20	2°48	M16
T 17	3 50 28	25°50'43	28°32	18°41	9°30	8°20	18°13	8°24	24°34	29°19	26°12	1°54	3°10	1°27	2°45	T 17
W18	3 54 25	26°50'23	13♏ 7	19° 5	10°28	8°59	18°25	8°19	24°35	29°18	26°12	1°49	3° 7	1°33	2°42	W18
T 19	3 58 21	27°50'04	27°58	19°22	11°27	9°38	18°36	8°15	24°36	29°16	26°12	1°44	3° 4	1°40	2°39	T 19
F 20	4 2 18	28°49'47	12♐58	19°32	12°26	10°16	18°47	8°11	24°37	29°15	26°12	1°42	3° 0	1°47	2°35	F 20
S 21	4 6 14	29°49'33	27°59	19°R35	13°26	10°55	18°59	8° 7	24°38	29°14	26°12	1°D40	2°57	1°53	2°32	S 21
S 22	4 10 11	0♐49'20	12♑51	19°29	14°26	11°34	19°10	8° 3	24°39	29°12	26°12	1°41	2°54	2° 0	2°29	S 22
M23	4 14 7	1°49'09	27°28	19°15	15°27	12°13	19°21	7°58	24°40	29°11	26°12	1°42	2°51	2° 7	2°26	M23
T 24	4 18 4	2°48'59	11♒47	18°52	16°28	12°52	19°32	7°54	24°41	29°10	26°13	1°44	2°48	2°13	2°23	T 24
W25	4 22 0	3°48'51	25°45	18°19	17°29	13°30	19°43	7°50	24°42	29° 8	26°R13	1°45	2°44	2°20	2°20	W25
T 26	4 25 57	4°48'44	9♓22	17°37	18°31	14° 9	19°54	7°46	24°43	29° 7	26°13	1°R45	2°41	2°27	2°17	T 26
F 27	4 29 54	5°48'39	22°40	16°46	19°33	14°48	20° 5	7°43	24°45	29° 6	26°13	1°44	2°38	2°33	2°14	F 27
S 28	4 33 50	6°48'35	5♈39	15°46	20°36	15°27	20°15	7°39	24°46	29° 4	26°12	1°41	2°35	2°40	2°11	S 28
S 29	4 37 47	7°48'33	18°23	14°39	21°38	16° 6	20°26	7°35	24°47	29° 3	26°12	1°38	2°32	2°46	2° 8	S 29
M30	4 41 43	8♐48'32	0♉53	13♐26	22♎42	16♏45	20♎37	7♉31	24♒49	29♈ 2	26♌12	1♋34	2♋29	2♋53	2♊ 5	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	14s41	1s16	5s 5	23s 1	2s22	0n27	1s31	9s58	0n46	4s57	1n 0	12n 0	2s42	13s56	0s43	9n56	1s26	16n 1	3n31	23n12	23n10	22n50	17n 1	3s43
M 2	15 0	3n48	4 50	23 20	2 28	0 16	1 23	10 12	0 46	5 2	1 0	11 58	2 42	13 56	0 43	9 55	1 26	16 1	3 31	23 12	23 10	22 51	17 0	3 43
T 3	15 18	8 38	4 22	23 38	2 33	0 5	1 15	10 25	0 46	5 6	1 0	11 57	2 42	13 56	0 43	9 55	1 26	16 1	3 31	23 12	23 10	22 52	16 59	3 44
W 4	15 36	13 4	3 41	23 56	2 38	0s 8	1 7	10 39	0 45	5 11	1 0	11 55	2 42	13 56	0 43	9 54	1 26	16 1	3 31	23 12	23 10	22 53	16 59	3 44
T 5	15 53	16 53	2 51	24 12	2 43	0 20	0 59	10 53	0 45	5 15	1 0	11 54	2 42	13 56	0 43	9 53	1 26	16 1	3 31	23 12	23 10	22 54	16 58	3 44
F 6	16 10	19 58	1 54	24 26	2 48	0 33	0 51	11 7	0 45	5 20	1 0	11 52	2 42	13 55	0 43	9 53	1 26	16 1	3 31	23 12	23 10	22 54	16 57	3 44
S 7	16 28	22 9	0 52	24 40	2 52	0 47	0 44	11 20	0 44	5 24	1 0	11 51	2 42	13 55	0 43	9 52	1 26	16 1	3 32	23 12	23 10	22 55	16 57	3 44
S 8	16 44	23 21	0n12	24 53	2 55	1 1	0 36	11 34	0 44	5 29	1 0	11 50	2 42	13 55	0 43	9 52	1 26	16 1	3 32	23 12	23 10	22 56	16 56	3 44
M 9	17 1	23 30	1 15	25 4	2 59	1 15	0 29	11 47	0 43	5 33	1 1	11 48	2 42	13 55	0 43	9 51	1 26	16 1	3 32	23 12	23 11	22 57	16 55	3 45
T 10	17 17	22 36	2 15	25 14	3 1	1 30	0 22	12 0	0 43	5 38	1 1	11 47	2 42	13 55	0 43	9 51	1 26	16 1	3 32	23 12	23 11	22 58	16 55	3 45
W11	17 33	20 41	3 11	25 23	3 3	1 45	0 15	12 14	0 43	5 42	1 1	11 45	2 42	13 55	0 43	9 50	1 26	16 1	3 32	23 12	23 11	22 59	16 54	3 45
T 12	17 49	17 48	3 58	25 30	3 5	2 0	0 8	12 27	0 42	5 47	1 1	11 44	2 42	13 55	0 43	9 50	1 26	16 1	3 32	23 12	23 11	23 0	16 53	3 45
F 13	18 4	14 3	4 36	25 36	3 6	2 16	0 2	12 40	0 42	5 51	1 1	11 43	2 42	13 54	0 43	9 49	1 26	16 1	3 33	23 12	23 11	23 0	16 52	3 45
S 14	18 19	9 35	5 1	25 41	3 6	2 32	0n 5	12 53	0 42	5 55	1 1	11 41	2 42	13 54	0 43	9 49	1 26	16 1	3 33	23 12	23 11	23 1	16 52	3 45
S 15	18 34	4 31	5 11	25 44	3 6	2 49	0 11	13 6	0 41	5 59	1 1	11 40	2 42	13 54	0 43	9 48	1 26	16 1	3 33	23 12	23 11	23 2	16 51	3 45
M16	18 49	0s56	5 4	25 46	3 4	3 5	0 17	13 19	0 41	6 4	1 1	11 39	2 42	13 54	0 43	9 48	1 26	16 1	3 33	23 13	23 11	23 3	16 50	3 46
T 17	19 3	6 31	4 39	25 46	3 2	3 22	0 23	13 31	0 40	6 8	1 1	11 37	2 41	13 53	0 43	9 47	1 26	16 1	3 33	23 13	23 11	23 4	16 50	3 46
W18	19 16	11 54	3 55	25 45	2 59	3 40	0 29	13 44	0 40	6 12	1 2	11 36	2 41	13 53	0 43	9 47	1 26	16 1	3 33	23 13	23 11	23 4	16 49	3 46
T 19	19 30	16 42	2 54	25 42	2 54	3 57	0 35	13 56	0 40	6 16	1 2	11 35	2 41	13 53	0 43	9 46	1 26	16 1	3 33	23 13	23 11	23 5	16 48	3 46
F 20	19 43	20 29	1 41	25 37	2 49	4 15	0 40	14 9	0 39	6 20	1 2	11 34	2 41	13 52	0 43	9 46	1 26	16 1	3 34	23 13	23 11	23 6	16 48	3 46
S 21	19 56	22 52	0 20	25 31	2 42	4 33	0 46	14 21	0 39	6 25	1 2	11 32	2 41	13 52	0 43	9 45	1 26	16 1	3 34	23 13	23 11	23 7	16 47	3 46
S 22	20 8	23 37	1s 1	25 22	2 34	4 51	0 51	14 34	0 38	6 29	1 2	11 31	2 41	13 52	0 43	9 45	1 26	16 2	3 34	23 13	23 12	23 8	16 46	3 46
M23	20 20	22 43	2 17	25 11	2 24	5 10	0 56	14 46	0 38	6 33	1 2	11 30	2 41	13 51	0 43	9 44	1 26	16 2	3 34	23 13	23 12	23 8	16 46	3 46
T 24	20 32	20 21	3 23	24 58	2 12	5 29	1 1	14 58	0 37	6 37	1 2	11 29	2 41	13 51	0 43	9 44	1 26	16 2	3 34	23 13	23 12	23 9	16 45	3 46
W25	20 43	16 49	4 15	24 42	1 59	5 47	1 6	15 10	0 37	6 41	1 3	11 28	2 40	13 50	0 43	9 44	1 26	16 2	3 34	23 13	23 12	23 10	16 44	3 46
T 26	20 54	12 29	4 51	24 23	1 45	6 6	1 10	15 22	0 37	6 45	1 3	11 27	2 40	13 50	0 43	9 43	1 26	16 2	3 35	23 13	23 12	23 11	16 44	3 47
F 27	21 5	7 39	5 11	24 2	1 29	6 26	1 15	15 33	0 36	6 49	1 3	11 26	2 40	13 50	0 43	9 43	1 26	16 2	3 35	23 13	23 12	23 12	16 43	3 47
S 28	21 15	2 35	5 14	23 39	1 11	6 45	1 19	15 45	0 36	6 52	1 3	11 25	2 40	13 49	0 43	9 42	1 26	16 2	3 35	23 13	23 12	23 12	16 42	3 47
S 29	21 25	2n29	5 1	23 13	0 52	7 4	1 23	15 57	0 35	6 56	1 3	11 24	2 40	13 49	0 43	9 42	1 26	16 3	3 35	23 13	23 12	23 13	16 42	3 47
M30	21s34	7n23	4s35	22s44	0s32	7s24	1n27	16s 8	0n35	7s 0	1n 3	11n23	2s40	13s48	0s43	9n42	1s26	16n 3	3n35	23n13	23n12	23n14	16n41	3s47

Julian Day Number = 3063996.5, Delta T = 02h33m00s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°14'56, Lahiri = 47°21'57

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ASTRODIENST EPHEMERIS for the year 3676
geocentric

DECEMBER 3676 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 45 40	9♐48'33	13♉11	12°R 9	23♎45	17♏23	20♎47	7°R28	24♒50	29°R 1	26°R12	1°R31	2♋25	3♋ 0	2°R 2	T 1
W 2	4 49 36	10°48'36	25°20	10♐49	24°49	18° 2	20°58	7♉24	24°52	29♈ 0	26♌12	1♋27	2°22	3° 6	1♊59	W 2
T 3	4 53 33	11°48'40	7♊20	9°31	25°53	18°41	21° 8	7°21	24°53	28°59	26°12	1°25	2°19	3°13	1°56	T 3
F 4	4 57 29	12°48'46	19°14	8°16	26°58	19°20	21°18	7°17	24°55	28°58	26°12	1°23	2°16	3°20	1°53	F 4
S 5	5 1 26	13°48'54	1♋ 3	7° 6	28° 3	19°59	21°28	7°14	24°56	28°56	26°11	1°D23	2°13	3°26	1°50	S 5
S 6	5 5 23	14°49'04	12°50	6° 5	29° 8	20°38	21°38	7°11	24°58	28°55	26°11	1°23	2°10	3°33	1°47	S 6
M 7	5 9 19	15°49'15	24°38	5°12	0♏13	21°17	21°48	7° 8	25° 0	28°54	26°11	1°24	2° 6	3°40	1°44	M 7
T 8	5 13 16	16°49'29	6♌29	4°31	1°19	21°56	21°58	7° 5	25° 2	28°53	26°11	1°26	2° 3	3°46	1°41	T 8
W 9	5 17 12	17°49'44	18°27	4° 0	2°25	22°35	22° 8	7° 2	25° 3	28°52	26°10	1°27	2° 0	3°53	1°38	W 9
T 10	5 21 9	18°50'01	0♍37	3°42	3°31	23°14	22°17	6°59	25° 5	28°51	26°10	1°28	1°57	4° 0	1°35	T 10
F 11	5 25 5	19°50'19	13° 2	3°D35	4°37	23°53	22°27	6°56	25° 7	28°51	26° 9	1°29	1°54	4° 6	1°32	F 11
S 12	5 29 2	20°50'40	25°47	3°39	5°44	24°32	22°36	6°53	25° 9	28°50	26° 9	1°R29	1°50	4°13	1°30	S 12
S 13	5 32 58	21°51'02	8♎57	3°54	6°51	25°11	22°46	6°51	25°11	28°49	26° 9	1°28	1°47	4°20	1°27	S 13
M14	5 36 55	22°51'27	22°32	4°19	7°58	25°50	22°55	6°48	25°13	28°48	26° 8	1°27	1°44	4°26	1°24	M14
T 15	5 40 52	23°51'53	6♏36	4°52	9° 5	26°30	23° 4	6°46	25°15	28°47	26° 8	1°27	1°41	4°33	1°21	T 15
W16	5 44 48	24°52'21	21° 5	5°33	10°13	27° 9	23°13	6°43	25°17	28°46	26° 7	1°26	1°38	4°39	1°18	W16
T 17	5 48 45	25°52'50	5♐57	6°22	11°21	27°48	23°22	6°41	25°20	28°46	26° 7	1°25	1°35	4°46	1°16	T 17
F 18	5 52 41	26°53'22	21° 4	7°16	12°29	28°27	23°31	6°39	25°22	28°45	26° 6	1°25	1°31	4°53	1°13	F 18
S 19	5 56 38	27°53'54	6♑17	8°16	13°37	29° 6	23°39	6°37	25°24	28°44	26° 5	1°D25	1°28	4°59	1°10	S 19
S 20	6 0 34	28°54'28	21°27	9°21	14°45	29°45	23°48	6°35	25°26	28°44	26° 5	1°25	1°25	5° 6	1° 8	S 20
M21	6 4 31	29°55'04	6♒24	10°30	15°54	0♐25	23°56	6°33	25°29	28°43	26° 4	1°25	1°22	5°13	1° 5	M21
T 22	6 8 28	0♑55'40	21° 1	11°42	17° 3	1° 4	24° 5	6°31	25°31	28°42	26° 4	1°25	1°19	5°19	1° 3	T 22
W23	6 12 24	1°56'17	5♓14	12°57	18°11	1°43	24°13	6°29	25°33	28°42	26° 3	1°R25	1°16	5°26	1° 0	W23
T 24	6 16 21	2°56'56	19° 0	14°15	19°20	2°22	24°21	6°28	25°36	28°41	26° 2	1°25	1°12	5°33	0°58	T 24
F 25	6 20 17	3°57'35	2♈21	15°35	20°30	3° 2	24°29	6°26	25°38	28°41	26° 1	1°D25	1° 9	5°39	0°55	F 25
S 26	6 24 14	4°58'15	15°18	16°57	21°39	3°41	24°37	6°25	25°41	28°40	26° 1	1°25	1° 6	5°46	0°53	S 26
S 27	6 28 10	5°58'56	27°54	18°21	22°49	4°20	24°44	6°24	25°43	28°40	26° 0	1°25	1° 3	5°53	0°50	S 27
M28	6 32 7	6°59'39	10♉14	19°46	23°58	5° 0	24°52	6°23	25°46	28°40	25°59	1°26	1° 0	5°59	0°48	M28
T 29	6 36 3	8° 0'22	22°22	21°12	25° 8	5°39	24°59	6°22	25°49	28°39	25°58	1°27	0°56	6° 6	0°46	T 29
W30	6 40 0	9° 1'06	4♊19	22°39	26°18	6°18	25° 6	6°21	25°51	28°39	25°58	1°27	0°53	6°12	0°44	W30
T 31	6 43 57	10♑ 1'51	16♊11	24♐ 7	27♏28	6♐58	25♎14	6♉20	25♒54	28♈39	25♌57	1♋28	0♋50	6♋19	0♊41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s43	11n54	3s55	22s14	0s12	7s43	1n31	16s19	0n34	7s 4	1n 3	11n22	2s40	13s48	0s43	9n41	1s26	16n 3	3n35	23n13	23n12	23n14	16n40	3s47
W 2	21 52	15 54	3 6	21 43	0n 9	8 3	1 35	16 30	0 34	7 8	1 4	11 21	2 39	13 47	0 42	9 41	1 26	16 3	3 36	23 13	23 12	23 15	16 40	3 47
T 3	22 0	19 13	2 9	21 12	0 29	8 23	1 39	16 41	0 33	7 11	1 4	11 20	2 39	13 47	0 42	9 40	1 26	16 3	3 36	23 13	23 12	23 16	16 39	3 47
F 4	22 8	21 41	1 7	20 41	0 48	8 43	1 42	16 52	0 33	7 15	1 4	11 19	2 39	13 46	0 42	9 40	1 26	16 4	3 36	23 13	23 12	23 17	16 39	3 47
S 5	22 15	23 11	0 2	20 12	1 7	9 2	1 45	17 3	0 33	7 18	1 4	11 18	2 39	13 45	0 42	9 40	1 26	16 4	3 36	23 13	23 12	23 17	16 38	3 47
S 6	22 22	23 39	1n 3	19 45	1 24	9 22	1 49	17 14	0 32	7 22	1 4	11 17	2 39	13 45	0 42	9 39	1 26	16 4	3 36	23 13	23 12	23 18	16 37	3 47
M 7	22 29	23 4	2 5	19 21	1 39	9 42	1 52	17 25	0 32	7 26	1 4	11 16	2 38	13 44	0 42	9 39	1 26	16 4	3 36	23 13	23 12	23 19	16 37	3 47
T 8	22 35	21 26	3 3	19 1	1 52	10 2	1 55	17 35	0 31	7 29	1 4	11 15	2 38	13 44	0 42	9 39	1 26	16 5	3 37	23 13	23 12	23 19	16 36	3 47
W 9	22 40	18 51	3 53	18 45	2 3	10 22	1 57	17 45	0 31	7 32	1 5	11 15	2 38	13 43	0 42	9 38	1 26	16 5	3 37	23 13	23 13	23 20	16 36	3 47
T 10	22 46	15 25	4 33	18 33	2 11	10 42	2 0	17 56	0 30	7 36	1 5	11 14	2 38	13 42	0 42	9 38	1 26	16 5	3 37	23 13	23 13	23 21	16 35	3 47
F 11	22 50	11 15	5 1	18 25	2 18	11 1	2 2	18 6	0 30	7 39	1 5	11 13	2 38	13 42	0 42	9 38	1 26	16 5	3 37	23 13	23 13	23 22	16 34	3 47
S 12	22 55	6 30	5 16	18 21	2 23	11 21	2 5	18 16	0 29	7 42	1 5	11 13	2 37	13 41	0 42	9 38	1 26	16 6	3 37	23 13	23 13	23 22	16 34	3 47
S 13	22 59	1 19	5 15	18 20	2 27	11 41	2 7	18 25	0 29	7 46	1 5	11 12	2 37	13 40	0 42	9 37	1 26	16 6	3 37	23 13	23 13	23 23	16 33	3 47
M14	23 2	4s 6	4 57	18 23	2 28	12 0	2 9	18 35	0 28	7 49	1 6	11 11	2 37	13 40	0 42	9 37	1 25	16 6	3 37	23 13	23 13	23 24	16 33	3 47
T 15	23 5	9 30	4 20	18 29	2 29	12 20	2 11	18 45	0 28	7 52	1 6	11 11	2 37	13 39	0 42	9 37	1 25	16 7	3 38	23 13	23 13	23 24	16 32	3 47
W16	23 7	14 33	3 26	18 37	2 28	12 39	2 13	18 54	0 27	7 55	1 6	11 10	2 36	13 38	0 42	9 37	1 25	16 7	3 38	23 13	23 13	23 25	16 32	3 47
T 17	23 10	18 51	2 17	18 47	2 26	12 58	2 14	19 3	0 27	7 58	1 6	11 10	2 36	13 37	0 42	9 36	1 25	16 7	3 38	23 13	23 13	23 26	16 31	3 47
F 18	23 11	21 58	0 57	18 59	2 23	13 17	2 16	19 12	0 26	8 1	1 6	11 9	2 36	13 37	0 42	9 36	1 25	16 8	3 38	23 13	23 13	23 26	16 31	3 47
S 19	23 12	23 32	0s27	19 12	2 19	13 36	2 17	19 21	0 26	8 4	1 6	11 9	2 36	13 36	0 42	9 36	1 25	16 8	3 38	23 13	23 13	23 27	16 30	3 47
S 20	23 13	23 20	1 49	19 27	2 14	13 54	2 19	19 30	0 25	8 7	1 7	11 8	2 36	13 35	0 42	9 36	1 25	16 8	3 38	23 13	23 13	23 27	16 30	3 47
M21	23 13	21 27	3 3	19 42	2 9	14 13	2 20	19 39	0 25	8 10	1 7	11 8	2 35	13 34	0 42	9 36	1 25	16 9	3 39	23 13	23 13	23 28	16 29	3 47
T 22	23 13	18 12	4 3	19 57	2 3	14 31	2 21	19 47	0 24	8 13	1 7	11 8	2 35	13 34	0 42	9 35	1 25	16 9	3 39	23 13	23 13	23 29	16 29	3 47
W23	23 13	13 56	4 46	20 13	1 57	14 49	2 22	19 56	0 24	8 16	1 7	11 7	2 35	13 33	0 42	9 35	1 25	16 9	3 39	23 13	23 13	23 29	16 28	3 47
T 24	23 11	9 5	5 11	20 29	1 50	15 7	2 22	20 4	0 23	8 19	1 7	11 7	2 35	13 32	0 42	9 35	1 25	16 10	3 39	23 13	23 13	23 30	16 28	3 47
F 25	23 10	3 57	5 18	20 44	1 44	15 25	2 23	20 12	0 23	8 21	1 8	11 7	2 34	13 31	0 42	9 35	1 25	16 10	3 39	23 13	23 13	23 31	16 27	3 47
S 26	23 8	1n13	5 9	20 59	1 37	15 42	2 24	20 20	0 22	8 24	1 8	11 7	2 34	13 30	0 42	9 35	1 25	16 10	3 39	23 13	23 13	23 31	16 27	3 47
S 27	23 5	6 11	4 45	21 14	1 29	15 59	2 24	20 28	0 22	8 26	1 8	11 6	2 34	13 29	0 42	9 35	1 25	16 11	3 39	23 13	23 13	23 32	16 26	3 47
M28	23 2	10 49	4 8	21 28	1 22	16 16	2 24	20 35	0 21	8 29	1 8	11 6	2 34	13 28	0 42	9 35	1 25	16 11	3 40	23 13	23 13	23 32	16 26	3 47
T 29	22 59	14 57	3 21	21 42	1 14	16 32	2 25	20 43	0 21	8 31	1 8	11 6	2 33	13 27	0 42	9 35	1 25	16 12	3 40	23 13	23 13	23 33	16 26	3 47
W30	22 55	18 26	2 25	21 55	1 7	16 48	2 25	20 50	0 20	8 34	1 9	11 6	2 33	13 27	0 42	9 34	1 25	16 12	3 40	23 13	23 13	23 33	16 25	3 47
T 31	22s51	21n 7	1s24	22s 7	0n59	17s 4	2n25	20s57	0n20	8s36	1n 9	11n 6	2s33	13s26	0s42	9n34	1s25	16n13	3n40	23n13	23n13	23n34	16n25	3s47

Julian Day Number = 3064026.5, Delta T = 02h33m01s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'00, Lahiri = 47°22'01

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

JANUARY 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 47 53	11♑ 2'37	28♊ 0	25♐36	28♏38	7♐37	25♎21	6°R19	25♒57	28°R38	25°R56	1°R28	0♋47	6♋26	0°R39	F 1
S 2	6 51 50	12° 3'24	9♋47	27° 5	29°49	8°17	25°27	6♉18	25°59	28♈38	25♌55	1♋28	0°44	6°32	0♊37	S 2
S 3	6 55 46	13° 4'12	21°36	28°35	0♐59	8°56	25°34	6°18	26° 2	28°38	25°54	1°28	0°41	6°39	0°35	S 3
M 4	6 59 43	14° 5'01	3♌29	0♑ 5	2°10	9°35	25°41	6°18	26° 5	28°38	25°53	1°26	0°37	6°46	0°33	M 4
T 5	7 3 39	15° 5'51	15°26	1°35	3°21	10°15	25°47	6°17	26° 8	28°38	25°52	1°24	0°34	6°52	0°31	T 5
W 6	7 7 36	16° 6'42	27°32	3° 6	4°31	10°54	25°53	6°17	26°11	28°38	25°51	1°22	0°31	6°59	0°29	W 6
T 7	7 11 33	17° 7'34	9♍48	4°38	5°42	11°34	25°59	6°D17	26°14	28°38	25°50	1°20	0°28	7° 6	0°27	T 7
F 8	7 15 29	18° 8'27	22°17	6° 9	6°53	12°14	26° 5	6°17	26°17	28°D38	25°49	1°18	0°25	7°12	0°25	F 8
S 9	7 19 26	19° 9'22	5♎ 1	7°41	8° 5	12°53	26°11	6°17	26°20	28°38	25°48	1°16	0°22	7°19	0°24	S 9
S 10	7 23 22	20°10'17	18° 5	9°13	9°16	13°33	26°17	6°17	26°23	28°38	25°47	1°D15	0°18	7°26	0°22	S 10
M11	7 27 19	21°11'13	1♏30	10°45	10°27	14°12	26°22	6°18	26°26	28°38	25°46	1°16	0°15	7°32	0°20	M11
T 12	7 31 15	22°12'11	15°19	12°17	11°39	14°52	26°28	6°18	26°29	28°38	25°45	1°17	0°12	7°39	0°19	T 12
W13	7 35 12	23°13'09	29°33	13°49	12°51	15°31	26°33	6°19	26°32	28°38	25°44	1°18	0° 9	7°46	0°17	W13
T 14	7 39 8	24°14'08	14♐ 9	15°22	14° 2	16°11	26°38	6°19	26°35	28°38	25°43	1°20	0° 6	7°52	0°16	T 14
F 15	7 43 5	25°15'09	29° 4	16°55	15°14	16°51	26°43	6°20	26°38	28°39	25°42	1°R20	0° 2	7°59	0°14	F 15
S 16	7 47 2	26°16'10	14♑11	18°28	16°26	17°31	26°47	6°21	26°41	28°39	25°41	1°20	29♊59	8° 5	0°13	S 16
S 17	7 50 58	27°17'11	29°22	20° 1	17°38	18°10	26°52	6°22	26°44	28°39	25°39	1°18	29°56	8°12	0°12	S 17
M18	7 54 55	28°18'13	14♒26	21°35	18°50	18°50	26°56	6°23	26°48	28°40	25°38	1°15	29°53	8°19	0°10	M18
T 19	7 58 51	29°19'16	29°15	23° 8	20° 2	19°30	27° 0	6°24	26°51	28°40	25°37	1°11	29°50	8°25	0° 9	T 19
W20	8 2 48	0♒20'18	13♓41	24°42	21°14	20° 9	27° 4	6°26	26°54	28°40	25°36	1° 6	29°47	8°32	0° 8	W20
T 21	8 6 44	1°21'21	27°39	26°16	22°27	20°49	27° 8	6°27	26°57	28°41	25°35	1° 2	29°43	8°39	0° 7	T 21
F 22	8 10 41	2°22'24	11♈ 9	27°51	23°39	21°29	27°12	6°29	27° 1	28°41	25°34	0°59	29°40	8°45	0° 6	F 22
S 23	8 14 37	3°23'27	24°12	29°25	24°51	22° 9	27°15	6°30	27° 4	28°42	25°32	0°57	29°37	8°52	0° 5	S 23
S 24	8 18 34	4°24'30	6♉50	1♒ 0	26° 4	22°49	27°18	6°32	27° 7	28°42	25°31	0°D57	29°34	8°59	0° 4	S 24
M25	8 22 31	5°25'33	19° 8	2°35	27°16	23°28	27°22	6°34	27°11	28°43	25°30	0°58	29°31	9° 5	0° 3	M25
T 26	8 26 27	6°26'36	1♊11	4°11	28°29	24° 8	27°25	6°36	27°14	28°43	25°29	0°59	29°28	9°12	0° 2	T 26
W27	8 30 24	7°27'39	13° 5	5°47	29°42	24°48	27°27	6°38	27°17	28°44	25°27	1° 1	29°24	9°19	0° 2	W27
T 28	8 34 20	8°28'42	24°52	7°23	0♑54	25°28	27°30	6°40	27°21	28°45	25°26	1° 2	29°21	9°25	0° 1	T 28
F 29	8 38 17	9°29'45	6♋39	8°59	2° 7	26° 8	27°32	6°42	27°24	28°45	25°25	1°R 2	29°18	9°32	0° 0	F 29
S 30	8 42 13	10°30'48	18°27	10°36	3°20	26°48	27°34	6°45	27°28	28°46	25°24	1° 1	29°15	9°39	29♉59	S 30
S 31	8 46 10	11♒31'50	0♌21	12♒14	4♑33	27♐28	27♎36	6♉47	27♒31	28♈47	25♌22	0♋57	29♊12	9♋45	29♉59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s46	22n53	0s19	22s18	0n51	17s20	2n24	21s 4	0n19	8s39	1n 9	11n 6	2s32	13s25	0s42	9n34	1s25	16n13	3n40	23n13	23n13	23n35	16n25	3s46
S 2	22 41	23 38	0n46	22 28	0 44	17 35	2 24	21 11	0 18	8 41	1 9	11 6	2 32	13 24	0 42	9 34	1 25	16 13	3 40	23 13	23 13	23 35	16 24	3 46
S 3	22 35	23 19	1 49	22 37	0 36	17 49	2 24	21 18	0 18	8 43	1 9	11 6	2 32	13 23	0 42	9 34	1 25	16 14	3 40	23 13	23 13	23 36	16 24	3 46
M 4	22 29	21 56	2 48	22 45	0 28	18 4	2 23	21 24	0 17	8 45	1 10	11 6	2 32	13 22	0 42	9 34	1 25	16 14	3 41	23 13	23 13	23 36	16 24	3 46
T 5	22 23	19 34	3 40	22 52	0 21	18 18	2 23	21 31	0 17	8 47	1 10	11 7	2 31	13 21	0 42	9 34	1 25	16 15	3 41	23 13	23 13	23 37	16 23	3 46
W 6	22 16	16 20	4 23	22 58	0 13	18 31	2 22	21 37	0 16	8 49	1 10	11 7	2 31	13 20	0 42	9 34	1 25	16 15	3 41	23 13	23 13	23 37	16 23	3 46
T 7	22 8	12 22	4 54	23 3	0 6	18 45	2 21	21 43	0 16	8 51	1 10	11 7	2 31	13 19	0 42	9 34	1 25	16 16	3 41	23 13	23 13	23 38	16 23	3 46
F 8	22 0	7 49	5 12	23 6	0s 1	18 57	2 20	21 48	0 15	8 53	1 11	11 7	2 31	13 18	0 42	9 34	1 24	16 16	3 41	23 13	23 13	23 38	16 22	3 46
S 9	21 52	2 51	5 16	23 9	0 9	19 10	2 20	21 54	0 14	8 55	1 11	11 8	2 30	13 17	0 42	9 34	1 24	16 17	3 41	23 13	23 13	23 39	16 22	3 46
S 10	21 43	2s21	5 3	23 10	0 16	19 22	2 18	21 59	0 14	8 57	1 11	11 8	2 30	13 16	0 42	9 34	1 24	16 17	3 41	23 13	23 13	23 39	16 22	3 46
M11	21 34	7 37	4 33	23 10	0 23	19 33	2 17	22 5	0 13	8 59	1 11	11 8	2 30	13 15	0 41	9 35	1 24	16 17	3 41	23 13	23 13	23 40	16 22	3 46
T 12	21 25	12 39	3 48	23 9	0 29	19 44	2 16	22 10	0 13	9 0	1 12	11 9	2 30	13 14	0 41	9 35	1 24	16 18	3 42	23 13	23 13	23 40	16 21	3 45
W13	21 15	17 9	2 47	23 7	0 36	19 54	2 15	22 15	0 12	9 2	1 12	11 9	2 29	13 13	0 41	9 35	1 24	16 18	3 42	23 13	23 13	23 41	16 21	3 45
T 14	21 4	20 45	1 33	23 3	0 43	20 4	2 13	22 19	0 11	9 4	1 12	11 10	2 29	13 12	0 41	9 35	1 24	16 19	3 42	23 13	23 13	23 41	16 21	3 45
F 15	20 54	23 1	0 13	22 58	0 49	20 14	2 12	22 24	0 11	9 5	1 12	11 10	2 29	13 11	0 41	9 35	1 24	16 19	3 42	23 13	23 13	23 42	16 21	3 45
S 16	20 42	23 38	1s10	22 52	0 55	20 23	2 10	22 28	0 10	9 7	1 12	11 11	2 28	13 9	0 41	9 35	1 24	16 20	3 42	23 13	23 13	23 42	16 21	3 45
S 17	20 31	22 31	2 28	22 45	1 1	20 31	2 9	22 33	0 10	9 8	1 13	11 11	2 28	13 8	0 41	9 35	1 24	16 20	3 42	23 13	23 13	23 43	16 20	3 45
M18	20 19	19 47	3 35	22 37	1 7	20 39	2 7	22 37	0 9	9 9	1 13	11 12	2 28	13 7	0 41	9 35	1 24	16 21	3 42	23 13	23 13	23 43	16 20	3 45
T 19	20 7	15 48	4 26	22 27	1 12	20 47	2 5	22 40	0 8	9 10	1 13	11 12	2 28	13 6	0 41	9 36	1 24	16 21	3 42	23 13	23 13	23 44	16 20	3 45
W20	19 54	10 58	4 59	22 16	1 18	20 53	2 3	22 44	0 8	9 12	1 13	11 13	2 27	13 5	0 41	9 36	1 24	16 22	3 43	23 13	23 13	23 44	16 20	3 45
T 21	19 41	5 43	5 13	22 4	1 23	21 0	2 1	22 47	0 7	9 13	1 14	11 14	2 27	13 4	0 41	9 36	1 24	16 22	3 43	23 13	23 13	23 45	16 20	3 44
F 22	19 27	0 22	5 9	21 51	1 28	21 5	1 59	22 51	0 7	9 14	1 14	11 15	2 27	13 3	0 41	9 36	1 24	16 23	3 43	23 13	23 13	23 45	16 20	3 44
S 23	19 13	4n49	4 48	21 36	1 33	21 11	1 57	22 54	0 6	9 15	1 14	11 15	2 27	13 2	0 41	9 36	1 24	16 23	3 43	23 13	23 13	23 45	16 20	3 44
S 24	18 59	9 40	4 14	21 20	1 37	21 15	1 55	22 57	0 5	9 16	1 14	11 16	2 26	13 1	0 41	9 37	1 24	16 24	3 43	23 13	23 13	23 46	16 20	3 44
M25	18 45	13 59	3 29	21 3	1 41	21 19	1 53	22 59	0 5	9 17	1 15	11 17	2 26	12 59	0 41	9 37	1 24	16 25	3 43	23 13	23 13	23 46	16 20	3 44
T 26	18 30	17 40	2 36	20 45	1 45	21 23	1 50	23 2	0 4	9 18	1 15	11 18	2 26	12 58	0 41	9 37	1 24	16 25	3 43	23 13	23 13	23 47	16 20	3 44
W27	18 14	20 34	1 37	20 25	1 49	21 26	1 48	23 4	0 3	9 18	1 15	11 19	2 25	12 57	0 41	9 37	1 24	16 26	3 43	23 13	23 13	23 47	16 20	3 44
T 28	17 59	22 34	0 34	20 4	1 52	21 28	1 45	23 6	0 3	9 19	1 15	11 20	2 25	12 56	0 41	9 38	1 24	16 26	3 43	23 13	23 13	23 48	16 20	3 43
F 29	17 43	23 34	0n31	19 42	1 55	21 29	1 43	23 8	0 2	9 20	1 16	11 21	2 25	12 55	0 41	9 38	1 24	16 27	3 43	23 13	23 13	23 48	16 20	3 43
S 30	17 27	23 30	1 33	19 19	1 58	21 30	1 40	23 10	0 1	9 20	1 16	11 22	2 25	12 54	0 41	9 38	1 24	16 27	3 44	23 13	23 13	23 48	16 20	3 43
S 31	17s10	22n23	2n33	18s55	2s 1	21s31	1n38	23s11	0n 1	9s21	1n16	11n23	2s24	12s52	0s41	9n39	1s23	16n28	3n44	23n13	23n13	23n49	16n20	3s43

Julian Day Number = 3064057.5, Delta T = 02h33m02s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'05, Lahiri = 47°22'05

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

FEBRUARY 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 50 6	12♒32'53	12♌22	13♒51	5♑46	28♐ 8	27♎38	6♉50	27♒34	28♈48	25°R21	0°R51	29♊ 8	9♋52	29°R59	M 1
T 2	8 54 3	13°33'56	24°31	15°29	6°59	28°48	27°40	6°53	27°38	28°49	25♌20	0♋44	29° 5	9°58	29♉59	T 2
W 3	8 58 0	14°34'58	6♍50	17° 8	8°12	29°28	27°41	6°55	27°41	28°50	25°18	0°35	29° 2	10° 5	29°58	W 3
T 4	9 1 56	15°36'01	19°20	18°46	9°25	0♑ 8	27°43	6°58	27°45	28°50	25°17	0°27	28°59	10°12	29°58	T 4
F 5	9 5 53	16°37'04	2♎ 2	20°26	10°38	0°48	27°44	7° 1	27°48	28°51	25°16	0°19	28°56	10°18	29°58	F 5
S 6	9 9 49	17°38'06	14°56	22° 5	11°52	1°28	27°45	7° 4	27°52	28°52	25°14	0°12	28°53	10°25	29°58	S 6
S 7	9 13 46	18°39'09	28° 4	23°45	13° 5	2° 8	27°45	7° 7	27°55	28°53	25°13	0° 8	28°49	10°32	29°D58	S 7
M 8	9 17 42	19°40'11	11♏27	25°26	14°18	2°48	27°46	7°11	27°59	28°54	25°12	0° 6	28°46	10°38	29°58	M 8
T 9	9 21 39	20°41'14	25° 7	27° 7	15°32	3°28	27°46	7°14	28° 2	28°56	25°10	0°D 6	28°43	10°45	29°58	T 9
W10	9 25 35	21°42'17	9♐ 5	28°48	16°45	4° 8	27°R46	7°17	28° 6	28°57	25° 9	0° 7	28°40	10°52	29°58	W10
T 11	9 29 32	22°43'20	23°21	0♓29	17°58	4°48	27°46	7°21	28° 9	28°58	25° 8	0°R 8	28°37	10°58	29°58	T 11
F 12	9 33 29	23°44'23	7♑53	2°11	19°12	5°28	27°46	7°25	28°13	28°59	25° 6	0° 7	28°34	11° 5	29°58	F 12
S 13	9 37 25	24°45'25	22°39	3°53	20°25	6° 9	27°46	7°28	28°16	29° 0	25° 5	0° 5	28°30	11°12	29°59	S 13
S 14	9 41 22	25°46'28	7♒32	5°35	21°39	6°49	27°45	7°32	28°20	29° 1	25° 4	0° 1	28°27	11°18	29°59	S 14
M15	9 45 18	26°47'29	22°24	7°17	22°53	7°29	27°44	7°36	28°23	29° 3	25° 2	29♊54	28°24	11°25	29°59	M15
T 16	9 49 15	27°48'31	7♓ 8	8°59	24° 6	8° 9	27°43	7°40	28°27	29° 4	25° 1	29°45	28°21	11°32	0♊ 0	T 16
W17	9 53 11	28°49'31	21°34	10°41	25°20	8°49	27°42	7°44	28°31	29° 5	25° 0	29°35	28°18	11°38	0° 1	W17
T 18	9 57 8	29°50'31	5♈36	12°22	26°34	9°30	27°40	7°48	28°34	29° 7	24°58	29°25	28°14	11°45	0° 2	T 18
F 19	10 1 4	0♓51'30	19°12	14° 3	27°47	10°10	27°39	7°53	28°38	29° 8	24°57	29°16	28°11	11°51	0° 2	F 19
S 20	10 5 1	1°52'28	2♉20	15°43	29° 1	10°50	27°37	7°57	28°41	29° 9	24°56	29°10	28° 8	11°58	0° 3	S 20
S 21	10 8 58	2°53'26	15° 3	17°22	0♒15	11°31	27°35	8° 1	28°45	29°11	24°54	29° 6	28° 5	12° 5	0° 4	S 21
M22	10 12 54	3°54'22	27°25	18°59	1°29	12°11	27°33	8° 6	28°48	29°12	24°53	29° 4	28° 2	12°11	0° 5	M22
T 23	10 16 51	4°55'17	9♊29	20°35	2°42	12°51	27°30	8°11	28°52	29°14	24°52	29°D 4	27°59	12°18	0° 6	T 23
W24	10 20 47	5°56'12	21°22	22° 9	3°56	13°31	27°28	8°15	28°55	29°15	24°50	29° 5	27°55	12°25	0° 7	W24
T 25	10 24 44	6°57'05	3♋10	23°40	5°10	14°12	27°25	8°20	28°59	29°17	24°49	29°R 5	27°52	12°31	0° 8	T 25
F 26	10 28 40	7°57'57	14°57	25° 7	6°24	14°52	27°22	8°25	29° 2	29°18	24°48	29° 3	27°49	12°38	0° 9	F 26
S 27	10 32 37	8°58'48	26°48	26°31	7°38	15°33	27°19	8°30	29° 6	29°20	24°46	29° 0	27°46	12°45	0°10	S 27
S 28	10 36 33	9♓59'38	8♌46	27♓51	8♒52	16♑13	27♎16	8♉35	29♒ 9	29♈22	24♌45	28♊53	27♊43	12♋51	0♊12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s53	20n14	3n25	18s29	2s 3	21s31	1n35	23s13	0s 0	9s21	1n16	11n24	2s24	12s51	0s41	9n39	1s23	16n28	3n44	23n13	23n13	23n49	16n20	3s43
T 2	16 36	17 9	4 9	18 2	2 5	21 30	1 33	23 14	0 1	9 21	1 17	11 25	2 24	12 50	0 41	9 39	1 23	16 29	3 44	23 13	23 13	23 49	16 20	3 43
W 3	16 19	13 18	4 42	17 34	2 6	21 29	1 30	23 15	0 1	9 22	1 17	11 26	2 24	12 49	0 41	9 40	1 23	16 29	3 44	23 13	23 13	23 50	16 20	3 43
T 4	16 1	8 49	5 2	17 5	2 7	21 27	1 27	23 16	0 2	9 22	1 17	11 27	2 23	12 48	0 41	9 40	1 23	16 30	3 44	23 13	23 13	23 50	16 20	3 42
F 5	15 43	3 55	5 8	16 34	2 8	21 24	1 24	23 16	0 3	9 22	1 17	11 29	2 23	12 46	0 41	9 40	1 23	16 30	3 44	23 13	23 13	23 51	16 20	3 42
S 6	15 25	1s14	4 58	16 3	2 8	21 21	1 22	23 17	0 4	9 22	1 18	11 30	2 23	12 45	0 41	9 41	1 23	16 31	3 44	23 13	23 13	23 51	16 20	3 42
S 7	15 6	6 26	4 33	15 30	2 8	21 17	1 19	23 17	0 4	9 22	1 18	11 31	2 23	12 44	0 41	9 41	1 23	16 31	3 44	23 13	23 13	23 51	16 20	3 42
M 8	14 47	11 27	3 52	14 56	2 8	21 12	1 16	23 17	0 5	9 22	1 18	11 32	2 22	12 43	0 41	9 41	1 23	16 32	3 44	23 13	23 13	23 52	16 21	3 42
T 9	14 28	16 0	2 57	14 21	2 7	21 7	1 13	23 16	0 6	9 22	1 18	11 34	2 22	12 42	0 41	9 42	1 23	16 32	3 44	23 13	23 13	23 52	16 21	3 42
W10	14 9	19 47	1 51	13 45	2 5	21 2	1 10	23 16	0 6	9 22	1 19	11 35	2 22	12 40	0 41	9 42	1 23	16 33	3 45	23 13	23 13	23 52	16 21	3 42
T 11	13 49	22 27	0 36	13 7	2 3	20 55	1 7	23 15	0 7	9 21	1 19	11 36	2 22	12 39	0 41	9 43	1 23	16 33	3 45	23 13	23 13	23 53	16 21	3 41
F 12	13 29	23 41	0s42	12 29	2 1	20 48	1 4	23 15	0 8	9 21	1 19	11 38	2 21	12 38	0 41	9 43	1 23	16 34	3 45	23 13	23 13	23 53	16 21	3 41
S 13	13 9	23 17	1 58	11 50	1 58	20 41	1 1	23 14	0 9	9 21	1 19	11 39	2 21	12 37	0 41	9 44	1 23	16 34	3 45	23 13	23 13	23 53	16 21	3 41
S 14	12 49	21 14	3 7	11 9	1 54	20 33	0 58	23 12	0 9	9 20	1 20	11 41	2 21	12 36	0 41	9 44	1 23	16 35	3 45	23 13	23 13	23 53	16 22	3 41
M15	12 28	17 45	4 3	10 28	1 50	20 24	0 55	23 11	0 10	9 20	1 20	11 42	2 21	12 34	0 41	9 45	1 23	16 36	3 45	23 13	23 13	23 54	16 22	3 41
T 16	12 8	13 11	4 42	9 45	1 45	20 15	0 52	23 9	0 11	9 19	1 20	11 44	2 20	12 33	0 41	9 45	1 23	16 36	3 45	23 13	23 13	23 54	16 22	3 41
W17	11 47	7 57	5 2	9 2	1 40	20 5	0 49	23 8	0 12	9 18	1 20	11 45	2 20	12 32	0 41	9 46	1 23	16 37	3 45	23 13	23 13	23 54	16 22	3 41
T 18	11 26	2 26	5 3	8 18	1 34	19 54	0 46	23 6	0 12	9 18	1 21	11 47	2 20	12 31	0 41	9 46	1 23	16 37	3 45	23 13	23 13	23 55	16 23	3 40
F 19	11 4	3n 1	4 47	7 34	1 27	19 43	0 43	23 3	0 13	9 17	1 21	11 48	2 20	12 30	0 41	9 47	1 23	16 38	3 45	23 13	23 13	23 55	16 23	3 40
S 20	10 43	8 10	4 16	6 49	1 20	19 32	0 39	23 1	0 14	9 16	1 21	11 50	2 19	12 28	0 41	9 47	1 23	16 38	3 45	23 13	23 13	23 55	16 23	3 40
S 21	10 21	12 49	3 33	6 3	1 12	19 19	0 36	22 59	0 15	9 15	1 21	11 51	2 19	12 27	0 41	9 48	1 23	16 39	3 45	23 13	23 13	23 55	16 24	3 40
M22	9 59	16 48	2 41	5 17	1 3	19 7	0 33	22 56	0 16	9 14	1 22	11 53	2 19	12 26	0 41	9 48	1 23	16 39	3 45	23 13	23 13	23 56	16 24	3 40
T 23	9 37	19 59	1 43	4 31	0 53	18 53	0 30	22 53	0 16	9 13	1 22	11 55	2 19	12 25	0 41	9 49	1 23	16 40	3 45	23 13	23 13	23 56	16 24	3 40
W24	9 15	22 16	0 41	3 45	0 43	18 39	0 27	22 50	0 17	9 12	1 22	11 56	2 19	12 23	0 41	9 49	1 23	16 40	3 45	23 13	23 12	23 56	16 25	3 40
T 25	8 53	23 33	0n22	2 59	0 32	18 25	0 24	22 46	0 18	9 11	1 22	11 58	2 18	12 22	0 41	9 50	1 23	16 41	3 45	23 13	23 12	23 56	16 25	3 39
F 26	8 30	23 47	1 24	2 13	0 20	18 10	0 21	22 43	0 19	9 10	1 23	12 0	2 18	12 21	0 41	9 50	1 22	16 41	3 46	23 13	23 12	23 57	16 25	3 39
S 27	8 8	22 56	2 22	1 29	0 7	17 55	0 18	22 39	0 20	9 8	1 23	12 2	2 18	12 20	0 41	9 51	1 22	16 41	3 46	23 13	23 12	23 57	16 26	3 39
S 28	7s45	21n 2	3n14	0s45	0n 6	17s39	0n15	22s35	0s20	9s 7	1n23	12n 3	2s18	12s19	0s41	9n52	1s22	16n42	3n46	23n13	23n12	23n57	16n26	3s39

Julian Day Number = 3064088.5, Delta T = 02h33m03s
Ecliptic obliquity = 23°13'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'09, Lahiri = 47°22'09

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

MARCH 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 40 30	11♓ 0'27	20♌56	29♓ 5	10♒ 6	16♉53	27°R12	8♉40	29♒13	29♈23	24°R44	28°R44	27♊40	12♋58	0♊13	M 1
T 2	10 44 27	12° 1'14	3♍19	0♈14	11°20	17°34	27♎ 9	8°45	29°16	29°25	24♌43	28♊33	27°36	13° 5	0°14	T 2
W 3	10 48 23	13° 2'01	15°55	1°16	12°34	18°14	27° 5	8°50	29°20	29°26	24°41	28°20	27°33	13°11	0°16	W 3
T 4	10 52 20	14° 2'46	28°45	2°10	13°48	18°55	27° 1	8°55	29°23	29°28	24°40	28° 6	27°30	13°18	0°17	T 4
F 5	10 56 16	15° 3'30	11♎47	2°56	15° 2	19°35	26°57	9° 1	29°27	29°30	24°39	27°54	27°27	13°25	0°19	F 5
S 6	11 0 13	16° 4'14	25° 1	3°34	16°16	20°16	26°53	9° 6	29°30	29°32	24°37	27°43	27°24	13°31	0°20	S 6
S 7	11 4 9	17° 4'56	8♏25	4° 1	17°30	20°56	26°48	9°12	29°33	29°33	24°36	27°35	27°20	13°38	0°22	S 7
M 8	11 8 6	18° 5'38	21°59	4°19	18°44	21°37	26°44	9°17	29°37	29°35	24°35	27°31	27°17	13°44	0°24	M 8
T 9	11 12 2	19° 6'19	5♐43	4°R26	19°58	22°17	26°39	9°23	29°40	29°37	24°34	27°28	27°14	13°51	0°26	T 9
W10	11 15 59	20° 6'59	19°37	4°23	21°12	22°58	26°34	9°29	29°44	29°39	24°33	27°28	27°11	13°58	0°28	W10
T 11	11 19 56	21° 7'38	3♑41	4° 9	22°27	23°38	26°29	9°34	29°47	29°41	24°31	27°28	27° 8	14° 4	0°29	T 11
F 12	11 23 52	22° 8'16	17°54	3°44	23°41	24°19	26°23	9°40	29°50	29°43	24°30	27°27	27° 5	14°11	0°31	F 12
S 13	11 27 49	23° 8'53	2♒16	3°10	24°55	25° 0	26°18	9°46	29°54	29°45	24°29	27°24	27° 1	14°18	0°33	S 13
S 14	11 31 45	24° 9'29	16°42	2°27	26° 9	25°40	26°12	9°52	29°57	29°46	24°28	27°18	26°58	14°24	0°36	S 14
M15	11 35 42	25°10'03	1♓ 9	1°36	27°23	26°21	26° 7	9°58	0♓ 0	29°48	24°27	27° 9	26°55	14°31	0°38	M15
T 16	11 39 38	26°10'36	15°30	0°39	28°38	27° 1	26° 1	10° 4	0° 4	29°50	24°26	26°57	26°52	14°38	0°40	T 16
W17	11 43 35	27°11'08	29°39	29♓37	29°52	27°42	25°55	10°10	0° 7	29°52	24°25	26°45	26°49	14°44	0°42	W17
T 18	11 47 31	28°11'39	13♈31	28°31	1♓ 6	28°23	25°49	10°16	0°10	29°54	24°23	26°32	26°46	14°51	0°44	T 18
F 19	11 51 28	29°12'08	27° 1	27°25	2°20	29° 3	25°43	10°23	0°13	29°56	24°22	26°21	26°42	14°58	0°47	F 19
S 20	11 55 24	0♈12'35	10♉ 7	26°18	3°35	29°44	25°36	10°29	0°16	29°58	24°21	26°11	26°39	15° 4	0°49	S 20
S 21	11 59 21	1°13'01	22°51	25°14	4°49	0♒25	25°30	10°35	0°20	0♉ 0	24°20	26° 5	26°36	15°11	0°52	S 21
M22	12 3 18	2°13'25	5♊14	24°12	6° 3	1° 6	25°23	10°42	0°23	0° 2	24°19	26° 2	26°33	15°18	0°54	M22
T 23	12 7 14	3°13'47	17°21	23°15	7°17	1°46	25°17	10°48	0°26	0° 4	24°18	26° 0	26°30	15°24	0°57	T 23
W24	12 11 11	4°14'08	29°16	22°24	8°32	2°27	25°10	10°55	0°29	0° 7	24°17	26° 0	26°26	15°31	0°59	W24
T 25	12 15 7	5°14'26	11♋ 5	21°39	9°46	3° 8	25° 3	11° 1	0°32	0° 9	24°16	26° 0	26°23	15°38	1° 2	T 25
F 26	12 19 4	6°14'43	22°53	21° 0	11° 0	3°48	24°56	11° 8	0°35	0°11	24°15	25°59	26°20	15°44	1° 5	F 26
S 27	12 23 0	7°14'58	4♌46	20°29	12°14	4°29	24°49	11°14	0°38	0°13	24°14	25°56	26°17	15°51	1° 7	S 27
S 28	12 26 57	8°15'11	16°48	20° 4	13°29	5°10	24°42	11°21	0°41	0°15	24°13	25°50	26°14	15°58	1°10	S 28
M29	12 30 53	9°15'22	29° 5	19°47	14°43	5°51	24°34	11°28	0°44	0°17	24°13	25°42	26°11	16° 4	1°13	M29
T 30	12 34 50	10°15'31	11♍38	19°36	15°57	6°32	24°27	11°35	0°47	0°19	24°12	25°31	26° 7	16°11	1°16	T 30
W31	12 38 47	11♈15'38	24♍28	19°D32	17♓12	7♒12	24♎20	11♉41	0♓50	0♉22	24♌11	25♊19	26♊ 4	16♋17	1♊19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s22	18n10	3n59	0s 3	0n20	17s22	0n12	22s31	0s21	9s 5	1n23	12n 5	2s18	12s17	0s41	9n52	1s22	16n42	3n46	23n13	23n12	23n57	16n27	3s39
T 2	6 59	14 26	4 33	0n37	0 35	17 5	0 9	22 27	0 22	9 4	1 23	12 7	2 17	12 16	0 41	9 53	1 22	16 43	3 46	23 13	23 12	23 57	16 27	3 39
W 3	6 36	10 1	4 54	1 16	0 50	16 48	0 6	22 22	0 23	9 2	1 24	12 9	2 17	12 15	0 41	9 53	1 22	16 43	3 46	23 13	23 12	23 58	16 28	3 39
T 4	6 13	5 6	5 1	1 51	1 5	16 30	0 3	22 18	0 24	9 1	1 24	12 11	2 17	12 14	0 41	9 54	1 22	16 44	3 46	23 13	23 12	23 58	16 28	3 38
F 5	5 50	0s 8	4 52	2 24	1 21	16 11	0s 0	22 13	0 25	8 59	1 24	12 13	2 17	12 13	0 41	9 55	1 22	16 44	3 46	23 12	23 12	23 58	16 28	3 38
S 6	5 27	5 26	4 28	2 53	1 37	15 52	0 3	22 8	0 25	8 57	1 24	12 14	2 17	12 11	0 41	9 55	1 22	16 45	3 46	23 12	23 12	23 58	16 29	3 38
S 7	5 3	10 34	3 49	3 19	1 53	15 33	0 6	22 3	0 26	8 56	1 25	12 16	2 16	12 10	0 41	9 56	1 22	16 45	3 46	23 12	23 12	23 58	16 29	3 38
M 8	4 40	15 16	2 56	3 40	2 8	15 13	0 9	21 57	0 27	8 54	1 25	12 18	2 16	12 9	0 41	9 57	1 22	16 46	3 46	23 12	23 12	23 59	16 30	3 38
T 9	4 16	19 13	1 52	3 57	2 23	14 53	0 12	21 52	0 28	8 52	1 25	12 20	2 16	12 8	0 41	9 57	1 22	16 46	3 46	23 12	23 12	23 59	16 30	3 38
W10	3 53	22 8	0 41	4 9	2 38	14 32	0 15	21 46	0 29	8 50	1 25	12 22	2 16	12 7	0 41	9 58	1 22	16 46	3 46	23 12	23 12	23 59	16 31	3 38
T 11	3 29	23 43	0s33	4 15	2 51	14 11	0 18	21 40	0 30	8 48	1 25	12 24	2 16	12 6	0 41	9 59	1 22	16 47	3 46	23 12	23 12	23 59	16 31	3 37
F 12	3 6	23 47	1 46	4 17	3 3	13 50	0 21	21 34	0 31	8 46	1 25	12 26	2 15	12 5	0 41	9 59	1 22	16 47	3 46	23 12	23 12	23 59	16 32	3 37
S 13	2 42	22 17	2 53	4 13	3 14	13 28	0 23	21 28	0 32	8 44	1 26	12 28	2 15	12 3	0 42	10 0	1 22	16 48	3 46	23 12	23 11	23 59	16 32	3 37
S 14	2 18	19 20	3 49	4 4	3 23	13 6	0 26	21 21	0 33	8 42	1 26	12 30	2 15	12 2	0 42	10 1	1 22	16 48	3 46	23 12	23 11	23 59	16 33	3 37
M15	1 54	15 11	4 30	3 51	3 30	12 43	0 29	21 14	0 33	8 39	1 26	12 32	2 15	12 1	0 42	10 1	1 22	16 49	3 46	23 12	23 11	24 0	16 33	3 37
T 16	1 30	10 11	4 54	3 32	3 34	12 20	0 31	21 8	0 34	8 37	1 26	12 34	2 15	12 0	0 42	10 2	1 22	16 49	3 46	23 11	23 11	24 0	16 34	3 37
W17	1 7	4 44	5 0	3 10	3 37	11 57	0 34	21 1	0 35	8 35	1 26	12 36	2 15	11 59	0 42	10 3	1 22	16 49	3 46	23 11	23 11	24 0	16 35	3 37
T 18	0 43	0n52	4 47	2 45	3 37	11 33	0 37	20 53	0 36	8 33	1 27	12 38	2 14	11 58	0 42	10 3	1 22	16 50	3 46	23 11	23 11	24 0	16 35	3 37
F 19	0 19	6 17	4 19	2 16	3 35	11 9	0 39	20 46	0 37	8 30	1 27	12 40	2 14	11 57	0 42	10 4	1 22	16 50	3 46	23 10	23 11	24 0	16 36	3 37
S 20	0n 5	11 17	3 37	1 46	3 31	10 45	0 42	20 39	0 38	8 28	1 27	12 42	2 14	11 56	0 42	10 5	1 22	16 50	3 46	23 10	23 11	24 0	16 36	3 36
S 21	0 29	15 39	2 46	1 15	3 24	10 21	0 44	20 31	0 39	8 25	1 27	12 45	2 14	11 54	0 42	10 6	1 22	16 51	3 46	23 10	23 11	24 0	16 37	3 36
M22	0 53	19 13	1 48	0 44	3 16	9 56	0 46	20 23	0 40	8 23	1 27	12 47	2 14	11 53	0 42	10 6	1 22	16 51	3 46	23 10	23 11	24 0	16 38	3 36
T 23	1 16	21 52	0 46	0 12	3 6	9 31	0 49	20 15	0 41	8 20	1 27	12 49	2 14	11 52	0 42	10 7	1 22	16 51	3 46	23 10	23 11	24 0	16 38	3 36
W24	1 40	23 31	0n17	0s18	2 55	9 5	0 51	20 7	0 42	8 18	1 27	12 51	2 14	11 51	0 42	10 8	1 22	16 52	3 46	23 10	23 11	24 0	16 39	3 36
T 25	2 4	24 5	1 19	0 47	2 43	8 40	0 53	19 59	0 43	8 15	1 27	12 53	2 13	11 50	0 42	10 9	1 22	16 52	3 46	23 10	23 11	24 0	16 39	3 36
F 26	2 28	23 34	2 17	1 14	2 30	8 14	0 55	19 50	0 44	8 12	1 28	12 55	2 13	11 49	0 42	10 9	1 22	16 52	3 46	23 10	23 10	24 0	16 40	3 36
S 27	2 51	21 59	3 10	1 39	2 16	7 48	0 57	19 42	0 45	8 10	1 28	12 57	2 13	11 48	0 42	10 10	1 22	16 53	3 46	23 10	23 10	24 0	16 41	3 36
S 28	3 15	19 24	3 55	2 2	2 2	7 21	1 0	19 33	0 46	8 7	1 28	12 59	2 13	11 47	0 42	10 11	1 22	16 53	3 46	23 10	23 10	24 1	16 41	3 36
M29	3 38	15 54	4 30	2 22	1 47	6 55	1 2	19 24	0 47	8 4	1 28	13 2	2 13	11 46	0 42	10 12	1 22	16 53	3 46	23 9	23 10	24 1	16 42	3 35
T 30	4 2	11 39	4 53	2 39	1 33	6 28	1 3	19 15	0 48	8 2	1 28	13 4	2 13	11 45	0 42	10 12	1 22	16 54	3 46	23 9	23 10	24 1	16 43	3 35
W31	4n25	6n48	5n 1	2s54	1n18	6s 1	1s 5	19s 5	0s49	7s59	1n28	13n 6	2s13	11s44	0s42	10n13	1s22	16n54	3n46	23n 9	23n10	24n 1	16n43	3s35

Julian Day Number = 3064116.5, Delta T = 02h33m03s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'13, Lahiri = 47°22'13

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

APRIL 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 42 43	12♈15'43	7♎37	19♓35	18♓26	7♒53	24°R12	11♉48	0♓53	0♉24	24°R10	25°R 6	26♊ 1	16♋24	1♊22	T 1
F 2	12 46 40	13°15'47	21° 2	19°43	19°40	8°34	24♎ 5	11°55	0°56	0°26	24♌ 9	24♊54	25°58	16°31	1°25	F 2
S 3	12 50 36	14°15'49	4♏40	19°58	20°54	9°15	23°57	12° 2	0°58	0°28	24° 8	24°44	25°55	16°37	1°28	S 3
S 4	12 54 33	15°15'49	18°29	20°18	22° 9	9°56	23°50	12° 9	1° 1	0°30	24° 8	24°37	25°51	16°44	1°31	S 4
M 5	12 58 29	16°15'48	2♐26	20°43	23°23	10°37	23°42	12°16	1° 4	0°32	24° 7	24°33	25°48	16°51	1°34	M 5
T 6	13 2 26	17°15'45	16°28	21°13	24°37	11°17	23°34	12°23	1° 7	0°35	24° 6	24°31	25°45	16°57	1°37	T 6
W 7	13 6 22	18°15'41	0♑32	21°48	25°52	11°58	23°27	12°30	1° 9	0°37	24° 5	24°D31	25°42	17° 4	1°40	W 7
T 8	13 10 19	19°15'35	14°38	22°26	27° 6	12°39	23°19	12°37	1°12	0°39	24° 5	24°R31	25°39	17°11	1°43	T 8
F 9	13 14 16	20°15'28	28°45	23° 9	28°20	13°20	23°11	12°44	1°15	0°41	24° 4	24°31	25°36	17°17	1°47	F 9
S 10	13 18 12	21°15'19	12♒51	23°55	29°35	14° 1	23° 3	12°51	1°17	0°44	24° 3	24°29	25°32	17°24	1°50	S 10
S 11	13 22 9	22°15'08	26°55	24°45	0♈49	14°42	22°56	12°59	1°20	0°46	24° 3	24°24	25°29	17°31	1°53	S 11
M12	13 26 5	23°14'56	10♓56	25°38	2° 3	15°23	22°48	13° 6	1°22	0°48	24° 2	24°18	25°26	17°37	1°57	M12
T 13	13 30 2	24°14'42	24°49	26°34	3°18	16° 4	22°40	13°13	1°25	0°50	24° 2	24° 9	25°23	17°44	2° 0	T 13
W14	13 33 58	25°14'27	8♈31	27°33	4°32	16°45	22°32	13°20	1°27	0°53	24° 1	23°59	25°20	17°51	2° 3	W14
T 15	13 37 55	26°14'09	22° 0	28°35	5°46	17°26	22°24	13°28	1°30	0°55	24° 1	23°48	25°17	17°57	2° 7	T 15
F 16	13 41 51	27°13'50	5♉12	29°39	7° 1	18° 7	22°17	13°35	1°32	0°57	24° 0	23°39	25°13	18° 4	2°10	F 16
S 17	13 45 48	28°13'29	18° 7	0♈45	8°15	18°48	22° 9	13°42	1°34	1° 0	24° 0	23°32	25°10	18°11	2°14	S 17
S 18	13 49 44	29°13'05	0♊43	1°54	9°29	19°28	22° 1	13°49	1°37	1° 2	23°59	23°27	25° 7	18°17	2°17	S 18
M19	13 53 41	0♉12'40	13° 2	3° 5	10°43	20° 9	21°54	13°57	1°39	1° 4	23°59	23°24	25° 4	18°24	2°21	M19
T 20	13 57 38	1°12'13	25° 8	4°18	11°58	20°50	21°46	14° 4	1°41	1° 6	23°58	23°D23	25° 1	18°31	2°25	T 20
W21	14 1 34	2°11'43	7♋ 3	5°33	13°12	21°31	21°38	14°12	1°43	1° 9	23°58	23°24	24°57	18°37	2°28	W21
T 22	14 5 31	3°11'12	18°52	6°50	14°26	22°12	21°31	14°19	1°45	1°11	23°58	23°25	24°54	18°44	2°32	T 22
F 23	14 9 27	4°10'38	0♌41	8° 9	15°41	22°53	21°23	14°26	1°47	1°13	23°57	23°R26	24°51	18°51	2°36	F 23
S 24	14 13 24	5°10'02	12°35	9°29	16°55	23°34	21°16	14°34	1°49	1°15	23°57	23°26	24°48	18°57	2°39	S 24
S 25	14 17 20	6° 9'23	24°39	10°51	18° 9	24°15	21° 9	14°41	1°51	1°18	23°57	23°24	24°45	19° 4	2°43	S 25
M26	14 21 17	7° 8'43	6♍57	12°15	19°23	24°56	21° 1	14°49	1°53	1°20	23°56	23°20	24°42	19°10	2°47	M26
T 27	14 25 13	8° 8'00	19°34	13°41	20°37	25°37	20°54	14°56	1°55	1°22	23°56	23°14	24°38	19°17	2°51	T 27
W28	14 29 10	9° 7'15	2♎32	15° 8	21°52	26°18	20°47	15° 4	1°57	1°25	23°56	23° 8	24°35	19°24	2°55	W28
T 29	14 33 7	10° 6'28	15°52	16°37	23° 6	26°59	20°40	15°11	1°59	1°27	23°56	23° 0	24°32	19°30	2°58	T 29
F 30	14 37 3	11♉ 5'39	29♎34	18♈ 7	24♈20	27♒40	20♎33	15♉19	2♓ 1	1♉29	23♌56	22♊53	24♊29	19♋37	3♊ 2	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n48	1n31	4n54	3s 6	1n 4	5s34	1s 7	18s56	0s50	7s56	1n28	13n 8	2s12	11s43	0s42	10n14	1s22	16n54	3n46	23n 8	23n10	24n 1	16n44	3s35
F 2	5 11	3s56	4 31	3 16	0 50	5 7	1 9	18 47	0 51	7 53	1 28	13 10	2 12	11 42	0 42	10 15	1 22	16 54	3 46	23 8	23 10	24 1	16 45	3 35
S 3	5 35	9 19	3 52	3 23	0 36	4 39	1 11	18 37	0 52	7 50	1 28	13 12	2 12	11 41	0 42	10 15	1 22	16 55	3 46	23 7	23 10	24 1	16 45	3 35
S 4	5 58	14 18	2 59	3 28	0 23	4 12	1 12	18 27	0 53	7 48	1 28	13 15	2 12	11 40	0 42	10 16	1 22	16 55	3 46	23 7	23 10	24 1	16 46	3 35
M 5	6 20	18 35	1 55	3 30	0 10	3 44	1 14	18 17	0 54	7 45	1 28	13 17	2 12	11 39	0 42	10 17	1 22	16 55	3 46	23 7	23 9	24 1	16 47	3 35
T 6	6 43	21 50	0 43	3 30	0s 3	3 16	1 15	18 7	0 55	7 42	1 29	13 19	2 12	11 38	0 42	10 18	1 22	16 55	3 46	23 7	23 9	24 1	16 47	3 35
W 7	7 6	23 45	0s32	3 27	0 15	2 48	1 17	17 57	0 56	7 39	1 29	13 21	2 12	11 37	0 42	10 18	1 22	16 56	3 46	23 7	23 9	24 1	16 48	3 35
T 8	7 28	24 10	1 45	3 23	0 27	2 20	1 18	17 46	0 57	7 36	1 29	13 23	2 12	11 36	0 42	10 19	1 22	16 56	3 46	23 7	23 9	24 1	16 49	3 35
F 9	7 51	23 2	2 52	3 16	0 38	1 52	1 20	17 36	0 58	7 33	1 29	13 26	2 12	11 36	0 42	10 20	1 22	16 56	3 46	23 7	23 9	24 1	16 49	3 35
S 10	8 13	20 27	3 48	3 8	0 48	1 24	1 21	17 25	0 59	7 31	1 29	13 28	2 12	11 35	0 42	10 21	1 22	16 56	3 46	23 7	23 9	24 0	16 50	3 35
S 11	8 35	16 40	4 30	2 58	0 58	0 56	1 22	17 14	1 0	7 28	1 29	13 30	2 11	11 34	0 42	10 22	1 22	16 57	3 46	23 6	23 9	24 0	16 51	3 34
M12	8 57	11 58	4 56	2 46	1 8	0 28	1 23	17 3	1 1	7 25	1 29	13 32	2 11	11 33	0 42	10 22	1 22	16 57	3 46	23 6	23 9	24 0	16 52	3 34
T 13	9 19	6 42	5 4	2 32	1 17	0n 1	1 24	16 52	1 2	7 22	1 29	13 35	2 11	11 32	0 42	10 23	1 22	16 57	3 46	23 6	23 9	24 0	16 52	3 34
W14	9 41	1 10	4 55	2 17	1 26	0 29	1 25	16 41	1 4	7 19	1 29	13 37	2 11	11 31	0 42	10 24	1 22	16 57	3 46	23 5	23 9	24 0	16 53	3 34
T 15	10 2	4n20	4 29	2 0	1 34	0 57	1 26	16 30	1 5	7 16	1 29	13 39	2 11	11 30	0 42	10 25	1 22	16 57	3 46	23 5	23 8	24 0	16 54	3 34
F 16	10 24	9 33	3 49	1 42	1 41	1 25	1 27	16 19	1 6	7 13	1 29	13 41	2 11	11 30	0 42	10 25	1 22	16 57	3 46	23 4	23 8	24 0	16 54	3 34
S 17	10 45	14 13	2 58	1 22	1 48	1 54	1 28	16 7	1 7	7 11	1 29	13 43	2 11	11 29	0 42	10 26	1 22	16 57	3 46	23 4	23 8	24 0	16 55	3 34
S 18	11 6	18 11	1 59	1 1	1 55	2 22	1 28	15 55	1 8	7 8	1 29	13 46	2 11	11 28	0 42	10 27	1 22	16 58	3 46	23 4	23 8	24 0	16 56	3 34
M19	11 27	21 15	0 55	0 38	2 1	2 50	1 29	15 44	1 9	7 5	1 29	13 48	2 11	11 27	0 42	10 28	1 22	16 58	3 46	23 4	23 8	24 0	16 57	3 34
T 20	11 47	23 17	0n 9	0 15	2 7	3 19	1 30	15 32	1 10	7 2	1 29	13 50	2 11	11 27	0 42	10 29	1 22	16 58	3 46	23 4	23 8	24 0	16 57	3 34
W21	12 8	24 15	1 13	0n10	2 12	3 47	1 30	15 20	1 11	6 59	1 29	13 52	2 11	11 26	0 43	10 29	1 22	16 58	3 46	23 4	23 8	24 0	16 58	3 34
T 22	12 28	24 6	2 13	0 36	2 16	4 15	1 31	15 8	1 12	6 57	1 29	13 55	2 11	11 25	0 43	10 30	1 22	16 58	3 46	23 4	23 8	23 59	16 59	3 34
F 23	12 48	22 52	3 7	1 3	2 20	4 43	1 31	14 55	1 14	6 54	1 28	13 57	2 11	11 24	0 43	10 31	1 22	16 58	3 46	23 4	23 7	23 59	17 0	3 34
S 24	13 8	20 37	3 54	1 31	2 24	5 11	1 31	14 43	1 15	6 51	1 28	13 59	2 11	11 24	0 43	10 32	1 22	16 58	3 46	23 4	23 7	23 59	17 0	3 34
S 25	13 27	17 27	4 31	2 0	2 27	5 39	1 31	14 31	1 16	6 49	1 28	14 1	2 11	11 23	0 43	10 32	1 22	16 58	3 46	23 4	23 7	23 59	17 1	3 34
M26	13 47	13 28	4 56	2 30	2 29	6 6	1 32	14 18	1 17	6 46	1 28	14 3	2 10	11 22	0 43	10 33	1 22	16 58	3 46	23 3	23 7	23 59	17 2	3 34
T 27	14 6	8 49	5 8	3 1	2 31	6 34	1 32	14 6	1 18	6 43	1 28	14 5	2 10	11 22	0 43	10 34	1 22	16 58	3 46	23 3	23 7	23 59	17 2	3 34
W28	14 24	3 40	5 5	3 33	2 33	7 1	1 32	13 53	1 19	6 41	1 28	14 8	2 10	11 21	0 43	10 35	1 22	16 58	3 46	23 3	23 7	23 59	17 3	3 34
T 29	14 43	1s48	4 45	4 6	2 34	7 29	1 32	13 40	1 21	6 38	1 28	14 10	2 10	11 20	0 43	10 35	1 22	16 58	3 46	23 2	23 7	23 58	17 4	3 34
F 30	15n 1	7s20	4n 8	4n39	2s35	7n56	1s32	13s27	1s22	6s36	1n28	14n12	2s10	11s20	0s43	10n36	1s22	16n58	3n46	23n 2	23n 7	23n58	17n 5	3s34

Julian Day Number = 3064147.5, Delta T = 02h33m04s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'17, Lahiri = 47°22'18

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

MAY 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 41 0	12♉ 4'47	13♏34	19♈39	25♈34	28♒21	20°R26	15♉26	2♓ 3	1♉31	23°R55	22°R47	24♊26	19♋44	3♊ 6	S 1
S 2	14 44 56	13° 3'54	27°48	21°13	26°48	29° 2	20♎20	15°34	2° 4	1°34	23♌55	22♊43	24°23	19°50	3°10	S 2
M 3	14 48 53	14° 2'59	12♐12	22°48	28° 3	29°43	20°13	15°41	2° 6	1°36	23°55	22°41	24°19	19°57	3°14	M 3
T 4	14 52 49	15° 2'03	26°40	24°24	29°17	0♓23	20° 6	15°49	2° 7	1°38	23°55	22°D40	24°16	20° 4	3°18	T 4
W 5	14 56 46	16° 1'05	11♑ 6	26° 2	0♉31	1° 4	20° 0	15°56	2° 9	1°40	23°D55	22°41	24°13	20°10	3°22	W 5
T 6	15 0 42	17° 0'04	25°28	27°42	1°45	1°45	19°54	16° 4	2°11	1°42	23°55	22°43	24°10	20°17	3°26	T 6
F 7	15 4 39	17°59'03	9♒42	29°23	2°59	2°26	19°47	16°11	2°12	1°45	23°55	22°44	24° 7	20°24	3°30	F 7
S 8	15 8 36	18°57'59	23°46	1♉ 6	4°13	3° 7	19°41	16°19	2°13	1°47	23°55	22°R44	24° 3	20°30	3°34	S 8
S 9	15 12 32	19°56'54	7♓40	2°50	5°28	3°48	19°36	16°26	2°15	1°49	23°55	22°43	24° 0	20°37	3°38	S 9
M10	15 16 29	20°55'48	21°22	4°35	6°42	4°29	19°30	16°34	2°16	1°51	23°56	22°40	23°57	20°44	3°42	M10
T 11	15 20 25	21°54'39	4♈52	6°23	7°56	5°10	19°24	16°41	2°17	1°53	23°56	22°36	23°54	20°50	3°46	T 11
W12	15 24 22	22°53'29	18° 9	8°12	9°10	5°51	19°19	16°49	2°19	1°56	23°56	22°32	23°51	20°57	3°50	W12
T 13	15 28 18	23°52'17	1♉12	10° 2	10°24	6°32	19°13	16°56	2°20	1°58	23°56	22°27	23°48	21° 4	3°54	T 13
F 14	15 32 15	24°51'04	14° 2	11°54	11°38	7°12	19° 8	17° 4	2°21	2° 0	23°56	22°22	23°44	21°10	3°58	F 14
S 15	15 36 11	25°49'48	26°38	13°48	12°52	7°53	19° 3	17°11	2°22	2° 2	23°56	22°19	23°41	21°17	4° 2	S 15
S 16	15 40 8	26°48'31	9♊ 0	15°43	14° 6	8°34	18°58	17°19	2°23	2° 4	23°57	22°17	23°38	21°24	4° 6	S 16
M17	15 44 5	27°47'12	21°11	17°40	15°21	9°15	18°53	17°26	2°24	2° 6	23°57	22°D16	23°35	21°30	4°10	M17
T 18	15 48 1	28°45'51	3♋11	19°38	16°35	9°56	18°48	17°34	2°25	2° 8	23°57	22°17	23°32	21°37	4°14	T 18
W19	15 51 58	29°44'28	15° 4	21°38	17°49	10°36	18°44	17°41	2°26	2°10	23°58	22°18	23°29	21°44	4°18	W19
T 20	15 55 54	0♊43'03	26°53	23°39	19° 3	11°17	18°40	17°48	2°27	2°12	23°58	22°20	23°25	21°50	4°23	T 20
F 21	15 59 51	1°41'36	8♌42	25°42	20°17	11°58	18°36	17°56	2°27	2°14	23°58	22°21	23°22	21°57	4°27	F 21
S 22	16 3 47	2°40'07	20°36	27°46	21°31	12°39	18°32	18° 3	2°28	2°17	23°59	22°23	23°19	22° 4	4°31	S 22
S 23	16 7 44	3°38'35	2♍39	29°52	22°45	13°19	18°28	18°10	2°29	2°19	23°59	22°R23	23°16	22°10	4°35	S 23
M24	16 11 40	4°37'02	14°56	1♊58	23°59	14° 0	18°24	18°18	2°29	2°21	24° 0	22°23	23°13	22°17	4°39	M24
T 25	16 15 37	5°35'26	27°31	4° 6	25°13	14°41	18°21	18°25	2°30	2°23	24° 0	22°22	23° 9	22°24	4°43	T 25
W26	16 19 34	6°33'49	10♎29	6°14	26°27	15°21	18°17	18°32	2°31	2°24	24° 1	22°20	23° 6	22°30	4°47	W26
T 27	16 23 30	7°32'09	23°51	8°24	27°41	16° 2	18°14	18°40	2°31	2°26	24° 1	22°18	23° 3	22°37	4°51	T 27
F 28	16 27 27	8°30'28	7♏38	10°33	28°55	16°42	18°11	18°47	2°31	2°28	24° 2	22°16	23° 0	22°44	4°55	F 28
S 29	16 31 23	9°28'45	21°49	12°43	0♊ 9	17°23	18° 8	18°54	2°32	2°30	24° 2	22°15	22°57	22°50	5° 0	S 29
S 30	16 35 20	10°27'00	6♐20	14°53	1°23	18° 3	18° 6	19° 1	2°32	2°32	24° 3	22°14	22°54	22°57	5° 4	S 30
M31	16 39 16	11♊25'13	21♐ 6	17♊ 3	2♊37	18♓44	18♎ 3	19♉ 8	2♓32	2♉34	24♌ 4	22°D13	22♊50	23♋ 4	5♊ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n19	12s39	3n16	5n14	2s35	8n23	1s31	13s14	1s23	6s33	1n28	14n14	2s10	11s19	0s43	10n37	1s22	16n59	3n46	23n 2	23n 6	23n58	17n 5	3s34
S 2	15 37	17 22	2 11	5 49	2 34	8 49	1 31	13 1	1 24	6 31	1 28	14 16	2 10	11 19	0 43	10 38	1 22	16 59	3 46	23 2	23 6	23 58	17 6	3 34
M 3	15 55	21 7	0 57	6 24	2 34	9 16	1 31	12 48	1 25	6 29	1 28	14 19	2 10	11 18	0 43	10 39	1 22	16 59	3 46	23 1	23 6	23 58	17 7	3 34
T 4	16 12	23 33	0s22	7 1	2 32	9 42	1 30	12 35	1 27	6 26	1 27	14 21	2 10	11 18	0 43	10 39	1 22	16 59	3 46	23 1	23 6	23 58	17 7	3 34
W 5	16 29	24 24	1 39	7 38	2 30	10 9	1 30	12 22	1 28	6 24	1 27	14 23	2 10	11 17	0 43	10 40	1 22	16 58	3 45	23 1	23 6	23 57	17 8	3 34
T 6	16 46	23 38	2 49	8 15	2 28	10 34	1 30	12 8	1 29	6 22	1 27	14 25	2 10	11 17	0 43	10 41	1 22	16 58	3 45	23 2	23 6	23 57	17 9	3 34
F 7	17 2	21 20	3 49	8 53	2 25	11 0	1 29	11 55	1 30	6 20	1 27	14 27	2 10	11 16	0 43	10 41	1 22	16 58	3 45	23 2	23 6	23 57	17 10	3 34
S 8	17 18	17 47	4 34	9 32	2 22	11 26	1 28	11 42	1 31	6 17	1 27	14 29	2 10	11 16	0 43	10 42	1 22	16 58	3 45	23 2	23 6	23 57	17 10	3 34
S 9	17 34	13 17	5 2	10 11	2 18	11 51	1 28	11 28	1 33	6 15	1 27	14 31	2 10	11 15	0 43	10 43	1 22	16 58	3 45	23 2	23 5	23 57	17 11	3 34
M10	17 50	8 11	5 12	10 50	2 14	12 16	1 27	11 14	1 34	6 13	1 27	14 33	2 10	11 15	0 43	10 44	1 22	16 58	3 45	23 1	23 5	23 56	17 12	3 34
T 11	18 5	2 46	5 5	11 30	2 9	12 40	1 26	11 1	1 35	6 11	1 27	14 35	2 10	11 14	0 43	10 44	1 22	16 58	3 45	23 1	23 5	23 56	17 12	3 34
W12	18 20	2n42	4 42	12 10	2 3	13 4	1 25	10 47	1 36	6 9	1 26	14 38	2 10	11 14	0 43	10 45	1 22	16 58	3 45	23 1	23 5	23 56	17 13	3 34
T 13	18 34	7 58	4 4	12 50	1 58	13 28	1 24	10 33	1 38	6 8	1 26	14 40	2 10	11 14	0 43	10 46	1 22	16 58	3 45	23 1	23 5	23 56	17 14	3 34
F 14	18 49	12 48	3 15	13 30	1 51	13 52	1 23	10 19	1 39	6 6	1 26	14 42	2 10	11 13	0 43	10 47	1 22	16 58	3 45	23 0	23 5	23 55	17 15	3 34
S 15	19 2	17 1	2 16	14 10	1 45	14 15	1 22	10 5	1 40	6 4	1 26	14 44	2 10	11 13	0 43	10 47	1 22	16 58	3 45	23 0	23 4	23 55	17 15	3 34
S 16	19 16	20 25	1 12	14 50	1 37	14 38	1 21	9 51	1 41	6 2	1 26	14 46	2 10	11 13	0 43	10 48	1 22	16 58	3 45	23 0	23 4	23 55	17 16	3 34
M17	19 29	22 50	0 6	15 30	1 30	15 1	1 20	9 37	1 43	6 1	1 26	14 48	2 10	11 12	0 44	10 49	1 22	16 58	3 45	23 0	23 4	23 54	17 17	3 34
T 18	19 42	24 11	1n 0	16 10	1 22	15 23	1 19	9 23	1 44	5 59	1 25	14 50	2 10	11 12	0 44	10 49	1 22	16 57	3 45	23 0	23 4	23 54	17 17	3 34
W19	19 55	24 25	2 2	16 50	1 13	15 45	1 17	9 9	1 45	5 58	1 25	14 52	2 10	11 12	0 44	10 50	1 22	16 57	3 45	23 0	23 4	23 54	17 18	3 34
T 20	20 7	23 32	2 59	17 28	1 5	16 6	1 16	8 55	1 47	5 56	1 25	14 54	2 10	11 11	0 44	10 51	1 22	16 57	3 45	23 0	23 4	23 54	17 19	3 34
F 21	20 19	21 36	3 49	18 7	0 55	16 28	1 14	8 41	1 48	5 55	1 25	14 56	2 10	11 11	0 44	10 51	1 22	16 57	3 45	23 0	23 4	23 53	17 19	3 35
S 22	20 30	18 45	4 29	18 44	0 46	16 48	1 13	8 26	1 49	5 53	1 25	14 58	2 10	11 11	0 44	10 52	1 22	16 57	3 45	23 0	23 3	23 53	17 20	3 35
S 23	20 41	15 4	4 58	19 21	0 36	17 8	1 12	8 12	1 50	5 52	1 24	15 0	2 10	11 11	0 44	10 53	1 22	16 57	3 45	23 0	23 3	23 53	17 21	3 35
M24	20 52	10 42	5 13	19 57	0 26	17 28	1 10	7 58	1 52	5 51	1 24	15 2	2 11	11 11	0 44	10 53	1 22	16 56	3 45	23 0	23 3	23 52	17 21	3 35
T 25	21 3	5 48	5 15	20 31	0 16	17 47	1 8	7 43	1 53	5 50	1 24	15 4	2 11	11 10	0 44	10 54	1 22	16 56	3 45	23 0	23 3	23 52	17 22	3 35
W26	21 13	0 30	5 1	21 4	0 5	18 6	1 7	7 29	1 54	5 49	1 24	15 6	2 11	11 10	0 44	10 55	1 22	16 56	3 45	23 0	23 3	23 52	17 23	3 35
T 27	21 22	4s59	4 30	21 35	0n 5	18 25	1 5	7 15	1 56	5 48	1 24	15 8	2 11	11 10	0 44	10 55	1 22	16 56	3 45	23 0	23 3	23 51	17 23	3 35
F 28	21 32	10 25	3 43	22 5	0 16	18 42	1 3	7 0	1 57	5 47	1 23	15 9	2 11	11 10	0 44	10 56	1 22	16 56	3 45	23 0	23 2	23 51	17 24	3 35
S 29	21 40	15 28	2 41	22 33	0 26	19 0	1 1	6 46	1 58	5 46	1 23	15 11	2 11	11 10	0 44	10 56	1 22	16 55	3 45	23 0	23 2	23 51	17 25	3 35
S 30	21 49	19 45	1 27	22 59	0 36	19 17	1 0	6 31	2 0	5 45	1 23	15 13	2 11	11 10	0 44	10 57	1 22	16 55	3 45	23 0	23 2	23 50	17 25	3 35
M31	21n57	22s49	0n 6	23n22	0n47	19n33	0s58	6s17	2s 1	5s45	1n23	15n15	2s11	11s10	0s44	10n58	1s22	16n55	3n45	23n 0	23n 2	23n50	17n26	3s35

Julian Day Number = 3064177.5, Delta T = 02h33m05s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'21, Lahiri = 47°22'22

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

JUNE 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 43 13	12♊23'25	5♉58	19♊12	3♊51	19♓24	18°R 1	19♉16	2♓33	2♉36	24♌ 4	22♊13	22♊47	23♋10	5♊12	T 1
W 2	16 47 9	13°21'36	20°50	21°20	5° 4	20° 5	17♎59	19°23	2°33	2°38	24° 5	22°14	22°44	23°17	5°16	W 2
T 3	16 51 6	14°19'45	5♒35	23°27	6°18	20°45	17°57	19°30	2°33	2°40	24° 6	22°15	22°41	23°24	5°20	T 3
F 4	16 55 3	15°17'52	20° 6	25°32	7°32	21°25	17°56	19°37	2°33	2°41	24° 6	22°15	22°38	23°30	5°24	F 4
S 5	16 58 59	16°15'58	4♓20	27°36	8°46	22° 6	17°54	19°44	2°R33	2°43	24° 7	22°16	22°35	23°37	5°28	S 5
S 6	17 2 56	17°14'03	18°15	29°37	10° 0	22°46	17°53	19°51	2°33	2°45	24° 8	22°R16	22°31	23°44	5°32	S 6
M 7	17 6 52	18°12'07	1♈51	1♋37	11°14	23°26	17°51	19°58	2°33	2°47	24° 9	22°16	22°28	23°50	5°36	M 7
T 8	17 10 49	19°10'09	15° 7	3°34	12°28	24° 6	17°51	20° 5	2°33	2°48	24°10	22°15	22°25	23°57	5°40	T 8
W 9	17 14 45	20° 8'10	28° 6	5°28	13°42	24°46	17°50	20°11	2°33	2°50	24°10	22°15	22°22	24° 4	5°44	W 9
T 10	17 18 42	21° 6'10	10♉50	7°19	14°56	25°26	17°49	20°18	2°32	2°52	24°11	22°15	22°19	24°10	5°48	T 10
F 11	17 22 39	22° 4'08	23°20	9° 8	16°10	26° 6	17°49	20°25	2°32	2°53	24°12	22°D15	22°15	24°17	5°52	F 11
S 12	17 26 35	23° 2'06	5♊38	10°54	17°24	26°46	17°48	20°32	2°32	2°55	24°13	22°15	22°12	24°24	5°56	S 12
S 13	17 30 32	24° 0'02	17°46	12°36	18°37	27°26	17°D48	20°39	2°32	2°57	24°14	22°R15	22° 9	24°30	6° 0	S 13
M14	17 34 28	24°57'56	29°46	14°16	19°51	28° 6	17°48	20°45	2°31	2°58	24°15	22°15	22° 6	24°37	6° 4	M14
T 15	17 38 25	25°55'50	11♋40	15°52	21° 5	28°46	17°49	20°52	2°31	3° 0	24°16	22°15	22° 3	24°44	6° 8	T 15
W16	17 42 21	26°53'41	23°30	17°25	22°19	29°26	17°49	20°58	2°30	3° 1	24°17	22°14	22° 0	24°50	6°12	W16
T 17	17 46 18	27°51'32	5♌19	18°54	23°33	0♈ 5	17°50	21° 5	2°30	3° 3	24°18	22°14	21°56	24°57	6°16	T 17
F 18	17 50 14	28°49'20	17° 8	20°20	24°47	0°45	17°51	21°12	2°29	3° 4	24°19	22°13	21°53	25° 4	6°20	F 18
S 19	17 54 11	29°47'08	29° 3	21°43	26° 1	1°24	17°52	21°18	2°28	3° 6	24°20	22°12	21°50	25°10	6°24	S 19
S 20	17 58 8	0♋44'54	11♍ 6	23° 2	27°14	2° 4	17°53	21°24	2°28	3° 7	24°21	22°11	21°47	25°17	6°28	S 20
M21	18 2 4	1°42'38	23°22	24°18	28°28	2°43	17°54	21°31	2°27	3° 9	24°22	22°11	21°44	25°24	6°32	M21
T 22	18 6 1	2°40'21	5♎54	25°30	29°42	3°23	17°56	21°37	2°26	3°10	24°23	22°D11	21°41	25°30	6°35	T 22
W23	18 9 57	3°38'02	18°47	26°39	0♋56	4° 2	17°58	21°43	2°25	3°11	24°24	22°11	21°37	25°37	6°39	W23
T 24	18 13 54	4°35'42	2♏ 3	27°43	2°10	4°41	18° 0	21°49	2°24	3°13	24°26	22°12	21°34	25°44	6°43	T 24
F 25	18 17 50	5°33'20	15°46	28°45	3°23	5°20	18° 2	21°56	2°23	3°14	24°27	22°13	21°31	25°50	6°47	F 25
S 26	18 21 47	6°30'57	29°56	29°42	4°37	5°59	18° 4	22° 2	2°22	3°15	24°28	22°14	21°28	25°57	6°50	S 26
S 27	18 25 43	7°28'33	14♐30	0♌35	5°51	6°38	18° 6	22° 8	2°21	3°16	24°29	22°14	21°25	26° 4	6°54	S 27
M28	18 29 40	8°26'08	29°25	1°25	7° 5	7°17	18° 9	22°14	2°20	3°18	24°30	22°R14	21°21	26°10	6°58	M28
T 29	18 33 37	9°23'42	14♑32	2°10	8°19	7°55	18°12	22°20	2°19	3°19	24°32	22°14	21°18	26°17	7° 1	T 29
W30	18 37 33	10♋21'15	29♑43	2♌51	9♋32	8♈34	18♎15	22♉26	2♓18	3♉20	24♌33	22♊12	21♊15	26♋24	7♊ 5	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	24s21	1s16	23n44	0n56	19n49	0s56	6s 2	2s 2	5s44	1n23	15n17	2s11	11s10	0s44	10n58	1s23	16n55	3n45	23n 0	23n 2	23n50	17n26	3s35
W 2	22 12	24 8	2 32	24 2	1 6	20 4	0 54	5 48	2 4	5 43	1 22	15 19	2 11	11 10	0 44	10 59	1 23	16 54	3 45	23 0	23 2	23 49	17 27	3 36
T 3	22 19	22 14	3 38	24 19	1 15	20 19	0 52	5 33	2 5	5 43	1 22	15 20	2 11	11 10	0 44	10 59	1 23	16 54	3 45	23 0	23 1	23 49	17 28	3 36
F 4	22 25	18 54	4 29	24 33	1 24	20 33	0 50	5 19	2 6	5 42	1 22	15 22	2 11	11 10	0 44	11 0	1 23	16 54	3 45	23 0	23 1	23 48	17 28	3 36
S 5	22 31	14 31	5 2	24 44	1 32	20 47	0 48	5 4	2 8	5 42	1 22	15 24	2 11	11 10	0 44	11 1	1 23	16 54	3 45	23 0	23 1	23 48	17 29	3 36
S 6	22 37	9 28	5 17	24 53	1 39	21 0	0 46	4 49	2 9	5 42	1 22	15 26	2 11	11 10	0 44	11 1	1 23	16 53	3 45	23 0	23 1	23 48	17 29	3 36
M 7	22 42	4 4	5 13	24 59	1 46	21 12	0 44	4 35	2 10	5 41	1 21	15 28	2 11	11 10	0 44	11 2	1 23	16 53	3 45	23 0	23 1	23 47	17 30	3 36
T 8	22 47	1n24	4 53	25 3	1 52	21 24	0 42	4 20	2 12	5 41	1 21	15 29	2 11	11 10	0 44	11 2	1 23	16 53	3 45	23 0	23 1	23 47	17 30	3 36
W 9	22 52	6 41	4 18	25 4	1 58	21 35	0 39	4 6	2 13	5 41	1 21	15 31	2 12	11 10	0 44	11 3	1 23	16 53	3 44	23 0	23 0	23 46	17 31	3 36
T 10	22 56	11 36	3 30	25 3	2 2	21 46	0 37	3 51	2 14	5 41	1 21	15 33	2 12	11 10	0 45	11 3	1 23	16 52	3 44	23 0	23 0	23 46	17 32	3 36
F 11	22 59	15 57	2 34	25 0	2 6	21 56	0 35	3 37	2 16	5 41	1 20	15 34	2 12	11 10	0 45	11 4	1 23	16 52	3 44	23 0	23 0	23 45	17 32	3 37
S 12	23 3	19 33	1 31	24 55	2 9	22 5	0 33	3 22	2 17	5 41	1 20	15 36	2 12	11 10	0 45	11 4	1 23	16 52	3 44	23 0	23 0	23 45	17 33	3 37
S 13	23 5	22 15	0 25	24 48	2 11	22 14	0 31	3 8	2 18	5 42	1 20	15 38	2 12	11 11	0 45	11 5	1 23	16 51	3 44	23 0	23 0	23 45	17 33	3 37
M14	23 8	23 55	0n42	24 40	2 12	22 22	0 28	2 53	2 20	5 42	1 20	15 39	2 12	11 11	0 45	11 5	1 23	16 51	3 44	23 0	22 59	23 44	17 34	3 37
T 15	23 10	24 28	1 46	24 29	2 13	22 30	0 26	2 39	2 21	5 42	1 19	15 41	2 12	11 11	0 45	11 6	1 23	16 51	3 44	23 0	22 59	23 44	17 34	3 37
W16	23 11	23 55	2 45	24 17	2 12	22 37	0 24	2 24	2 22	5 43	1 19	15 43	2 12	11 11	0 45	11 6	1 23	16 50	3 44	23 0	22 59	23 43	17 35	3 37
T 17	23 12	22 17	3 37	24 4	2 11	22 43	0 21	2 10	2 24	5 43	1 19	15 44	2 12	11 11	0 45	11 7	1 23	16 50	3 44	23 0	22 59	23 43	17 35	3 37
F 18	23 13	19 41	4 20	23 49	2 9	22 48	0 19	1 56	2 25	5 43	1 19	15 46	2 12	11 12	0 45	11 7	1 23	16 49	3 44	23 0	22 59	23 42	17 36	3 38
S 19	23 13	16 15	4 52	23 33	2 5	22 53	0 17	1 41	2 27	5 44	1 19	15 47	2 13	11 12	0 45	11 8	1 23	16 49	3 44	23 0	22 58	23 42	17 36	3 38
S 20	23 13	12 8	5 11	23 16	2 2	22 57	0 14	1 27	2 28	5 45	1 18	15 49	2 13	11 12	0 45	11 8	1 23	16 49	3 44	23 0	22 58	23 41	17 37	3 38
M21	23 13	7 28	5 17	22 59	1 57	23 1	0 12	1 13	2 29	5 45	1 18	15 50	2 13	11 13	0 45	11 9	1 23	16 48	3 44	23 0	22 58	23 41	17 37	3 38
T 22	23 12	2 24	5 8	22 40	1 51	23 4	0 9	0 59	2 31	5 46	1 18	15 52	2 13	11 13	0 45	11 9	1 23	16 48	3 44	23 0	22 58	23 40	17 38	3 38
W23	23 10	2s55	4 44	22 21	1 45	23 6	0 7	0 44	2 32	5 47	1 18	15 53	2 13	11 13	0 45	11 9	1 23	16 48	3 44	23 0	22 58	23 40	17 38	3 38
T 24	23 9	8 16	4 4	22 1	1 37	23 8	0 5	0 30	2 33	5 48	1 17	15 55	2 13	11 14	0 45	11 10	1 23	16 47	3 44	23 0	22 58	23 39	17 39	3 39
F 25	23 7	13 24	3 9	21 41	1 29	23 9	0 2	0 16	2 35	5 49	1 17	15 56	2 13	11 14	0 45	11 10	1 23	16 47	3 44	23 0	22 57	23 39	17 39	3 39
S 26	23 4	17 59	2 0	21 20	1 20	23 9	0n 0	0 2	2 36	5 50	1 17	15 58	2 14	11 14	0 45	11 11	1 24	16 46	3 44	23 0	22 57	23 38	17 39	3 39
S 27	23 1	21 38	0 43	20 59	1 10	23 8	0 2	0n12	2 37	5 51	1 17	15 59	2 14	11 15	0 45	11 11	1 24	16 46	3 44	23 0	22 57	23 38	17 40	3 39
M28	22 57	23 53	0s40	20 38	1 0	23 7	0 5	0 26	2 39	5 52	1 16	16 0	2 14	11 15	0 45	11 11	1 24	16 46	3 44	23 0	22 57	23 37	17 40	3 39
T 29	22 54	24 26	2 0	20 17	0 49	23 5	0 7	0 40	2 40	5 54	1 16	16 2	2 14	11 16	0 45	11 12	1 24	16 45	3 44	23 0	22 56	23 36	17 41	3 40
W30	22n49	23s10	3s13	19n56	0n37	23n 3	0n10	0n53	2s41	5s55	1n16	16n 3	2s14	11s16	0s45	11n12	1s24	16n45	3n44	23n 0	22n56	23n36	17n41	3s40

Julian Day Number = 3064208.5, Delta T = 02h33m06s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'26, Lahiri = 47°22'26

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

JULY 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 41 30	11♋18'47	14♒48	3♌28	10♋46	9♈13	18♎18	22♉31	2°R17	3♉21	24♌34	22°R10	21♊12	26♋30	7♊ 9	T 1
F 2	18 45 26	12°16'18	29°38	4° 1	12° 0	9°51	18°21	22°37	2♓16	3°22	24°36	22♊ 7	21° 9	26°37	7°12	F 2
S 3	18 49 23	13°13'48	14♓ 7	4°29	13°14	10°30	18°24	22°43	2°14	3°23	24°37	22° 5	21° 6	26°44	7°16	S 3
S 4	18 53 19	14°11'18	28°11	4°53	14°28	11° 8	18°28	22°48	2°13	3°24	24°38	22° 3	21° 2	26°50	7°19	S 4
M 5	18 57 16	15° 8'47	11♈50	5°13	15°41	11°46	18°32	22°54	2°12	3°25	24°39	22°D 3	20°59	26°57	7°23	M 5
T 6	19 1 13	16° 6'15	25° 3	5°28	16°55	12°24	18°36	23° 0	2°10	3°26	24°41	22° 3	20°56	27° 4	7°26	T 6
W 7	19 5 9	17° 3'43	7♉54	5°38	18° 9	13° 2	18°40	23° 5	2° 9	3°27	24°42	22° 4	20°53	27°10	7°30	W 7
T 8	19 9 6	18° 1'11	20°26	5°44	19°23	13°40	18°44	23°10	2° 7	3°28	24°44	22° 5	20°50	27°17	7°33	T 8
F 9	19 13 2	18°58'38	2♊44	5°R45	20°36	14°17	18°48	23°16	2° 6	3°29	24°45	22° 7	20°47	27°24	7°36	F 9
S 10	19 16 59	19°56'04	14°49	5°42	21°50	14°55	18°53	23°21	2° 4	3°30	24°46	22° 8	20°43	27°30	7°40	S 10
S 11	19 20 55	20°53'30	26°47	5°34	23° 4	15°32	18°58	23°26	2° 3	3°31	24°48	22°R 8	20°40	27°37	7°43	S 11
M12	19 24 52	21°50'56	8♋39	5°22	24°18	16°10	19° 3	23°31	2° 1	3°31	24°49	22° 7	20°37	27°44	7°46	M12
T 13	19 28 48	22°48'20	20°28	5° 6	25°32	16°47	19° 8	23°36	2° 0	3°32	24°51	22° 4	20°34	27°50	7°49	T 13
W14	19 32 45	23°45'45	2♌17	4°46	26°45	17°24	19°13	23°41	1°58	3°33	24°52	22° 0	20°31	27°57	7°53	W14
T 15	19 36 42	24°43'08	14° 7	4°23	27°59	18° 1	19°18	23°46	1°56	3°34	24°54	21°55	20°27	28° 4	7°56	T 15
F 16	19 40 38	25°40'31	26° 0	3°57	29°13	18°37	19°24	23°51	1°54	3°34	24°55	21°49	20°24	28°10	7°59	F 16
S 17	19 44 35	26°37'53	7♍59	3°27	0♌27	19°14	19°29	23°56	1°53	3°35	24°57	21°43	20°21	28°17	8° 2	S 17
S 18	19 48 31	27°35'15	20° 6	2°56	1°41	19°50	19°35	24° 0	1°51	3°35	24°58	21°38	20°18	28°24	8° 5	S 18
M19	19 52 28	28°32'36	2♎24	2°23	2°54	20°26	19°41	24° 5	1°49	3°36	25° 0	21°33	20°15	28°30	8° 8	M19
T 20	19 56 24	29°29'56	14°56	1°48	4° 8	21° 2	19°47	24° 9	1°47	3°37	25° 1	21°31	20°12	28°37	8°11	T 20
W21	20 0 21	0♌27'15	27°45	1°13	5°22	21°38	19°53	24°14	1°45	3°37	25° 3	21°D30	20° 8	28°44	8°14	W21
T 22	20 4 17	1°24'34	10♏55	0°38	6°36	22°14	20° 0	24°18	1°43	3°37	25° 4	21°30	20° 5	28°50	8°17	T 22
F 23	20 8 14	2°21'53	24°30	0° 3	7°49	22°49	20° 6	24°23	1°41	3°38	25° 6	21°31	20° 2	28°57	8°19	F 23
S 24	20 12 11	3°19'10	8♐30	29♋29	9° 3	23°24	20°13	24°27	1°39	3°38	25° 7	21°32	19°59	29° 4	8°22	S 24
S 25	20 16 7	4°16'28	22°56	28°58	10°17	24° 0	20°19	24°31	1°37	3°39	25° 9	21°R33	19°56	29°10	8°25	S 25
M26	20 20 4	5°13'45	7♑45	28°28	11°31	24°34	20°26	24°35	1°35	3°39	25°11	21°32	19°53	29°17	8°28	M26
T 27	20 24 0	6°11'01	22°51	28° 1	12°44	25° 9	20°33	24°39	1°33	3°39	25°12	21°29	19°49	29°24	8°30	T 27
W28	20 27 57	7° 8'17	8♒ 6	27°38	13°58	25°44	20°40	24°43	1°31	3°40	25°14	21°24	19°46	29°31	8°33	W28
T 29	20 31 53	8° 5'33	23°20	27°18	15°12	26°18	20°48	24°47	1°29	3°40	25°15	21°18	19°43	29°37	8°35	T 29
F 30	20 35 50	9° 2'49	8♓22	27° 2	16°26	26°52	20°55	24°50	1°27	3°40	25°17	21°11	19°40	29°44	8°38	F 30
S 31	20 39 46	10♌ 0'05	23♓ 3	26♋51	17♌39	27♈26	21♎ 2	24♉54	1♓24	3♉40	25♌19	21♊ 4	19♊37	29♋51	8♊40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	20s15	4s11	19n35	0n24	22n59	0n12	1n 7	2s43	5s56	1n16	16n 4	2s14	11s16	0s45	11n12	1s24	16n44	3n44	23n 0	22n56	23n35	17n41	3s40
F 2	22 40	16 3	4 51	19 15	0 10	22 56	0 14	1 21	2 44	5 58	1 16	16 6	2 14	11 17	0 45	11 13	1 24	16 44	3 44	23 0	22 56	23 35	17 42	3 40
S 3	22 34	11 0	5 12	18 54	0s 4	22 51	0 17	1 35	2 46	5 59	1 15	16 7	2 15	11 17	0 45	11 13	1 24	16 43	3 44	22 59	22 56	23 34	17 42	3 40
S 4	22 29	5 31	5 13	18 34	0 18	22 46	0 19	1 48	2 47	6 1	1 15	16 8	2 15	11 18	0 45	11 13	1 24	16 43	3 44	22 59	22 55	23 34	17 43	3 41
M 5	22 22	0n 4	4 57	18 15	0 34	22 40	0 21	2 2	2 48	6 3	1 15	16 9	2 15	11 18	0 45	11 14	1 24	16 43	3 44	22 59	22 55	23 33	17 43	3 41
T 6	22 16	5 30	4 25	17 56	0 49	22 33	0 24	2 15	2 50	6 4	1 15	16 10	2 15	11 19	0 45	11 14	1 24	16 42	3 44	22 59	22 55	23 32	17 43	3 41
W 7	22 9	10 33	3 40	17 38	1 5	22 26	0 26	2 28	2 51	6 6	1 14	16 12	2 15	11 19	0 46	11 14	1 24	16 42	3 44	22 59	22 55	23 32	17 44	3 41
T 8	22 1	15 2	2 46	17 21	1 22	22 18	0 28	2 42	2 52	6 8	1 14	16 13	2 15	11 20	0 46	11 14	1 24	16 41	3 44	22 59	22 55	23 31	17 44	3 41
F 9	21 54	18 48	1 45	17 4	1 39	22 10	0 31	2 55	2 54	6 10	1 14	16 14	2 15	11 21	0 46	11 15	1 24	16 41	3 44	23 0	22 54	23 31	17 44	3 42
S 10	21 46	21 42	0 40	16 49	1 55	22 1	0 33	3 8	2 55	6 12	1 14	16 15	2 16	11 21	0 46	11 15	1 24	16 40	3 44	23 0	22 54	23 30	17 44	3 42
S 11	21 37	23 37	0n25	16 34	2 12	21 51	0 35	3 21	2 56	6 14	1 14	16 16	2 16	11 22	0 46	11 15	1 24	16 40	3 44	23 0	22 54	23 29	17 45	3 42
M12	21 28	24 26	1 29	16 21	2 29	21 40	0 37	3 34	2 58	6 16	1 13	16 17	2 16	11 22	0 46	11 15	1 24	16 39	3 44	23 0	22 54	23 29	17 45	3 42
T 13	21 19	24 8	2 29	16 8	2 46	21 29	0 39	3 47	2 59	6 18	1 13	16 18	2 16	11 23	0 46	11 16	1 24	16 39	3 44	22 59	22 53	23 28	17 45	3 43
W14	21 9	22 45	3 22	15 57	3 2	21 18	0 41	3 59	3 0	6 20	1 13	16 19	2 16	11 24	0 46	11 16	1 24	16 38	3 44	22 59	22 53	23 27	17 46	3 43
T 15	20 59	20 23	4 6	15 47	3 18	21 5	0 43	4 12	3 1	6 22	1 13	16 20	2 17	11 24	0 46	11 16	1 24	16 38	3 44	22 59	22 53	23 27	17 46	3 43
F 16	20 49	17 8	4 40	15 39	3 33	20 52	0 46	4 25	3 3	6 24	1 13	16 21	2 17	11 25	0 46	11 16	1 24	16 37	3 44	22 58	22 53	23 26	17 46	3 43
S 17	20 38	13 11	5 2	15 32	3 47	20 39	0 48	4 37	3 4	6 27	1 12	16 22	2 17	11 26	0 46	11 16	1 25	16 37	3 44	22 58	22 53	23 25	17 46	3 43
S 18	20 27	8 39	5 11	15 26	4 0	20 25	0 50	4 49	3 5	6 29	1 12	16 23	2 17	11 26	0 46	11 16	1 25	16 36	3 44	22 58	22 52	23 25	17 47	3 44
M19	20 16	3 44	5 5	15 21	4 12	20 10	0 52	5 2	3 7	6 31	1 12	16 24	2 17	11 27	0 46	11 17	1 25	16 36	3 44	22 57	22 52	23 24	17 47	3 44
T 20	20 4	1s26	4 46	15 18	4 23	19 55	0 53	5 14	3 8	6 34	1 12	16 25	2 17	11 28	0 46	11 17	1 25	16 35	3 44	22 57	22 52	23 23	17 47	3 44
W21	19 52	6 40	4 11	15 16	4 33	19 39	0 55	5 26	3 9	6 36	1 11	16 26	2 18	11 28	0 46	11 17	1 25	16 35	3 45	22 57	22 52	23 23	17 47	3 44
T 22	19 40	11 45	3 23	15 15	4 41	19 23	0 57	5 38	3 10	6 39	1 11	16 27	2 18	11 29	0 46	11 17	1 25	16 34	3 45	22 57	22 51	23 22	17 47	3 45
F 23	19 27	16 26	2 22	15 16	4 48	19 6	0 59	5 50	3 12	6 41	1 11	16 28	2 18	11 30	0 46	11 17	1 25	16 34	3 45	22 57	22 51	23 21	17 47	3 45
S 24	19 14	20 22	1 10	15 17	4 53	18 49	1 1	6 1	3 13	6 44	1 11	16 29	2 18	11 31	0 46	11 17	1 25	16 33	3 45	22 57	22 51	23 20	17 48	3 45
S 25	19 1	23 10	0s 7	15 20	4 57	18 31	1 2	6 13	3 14	6 47	1 11	16 29	2 18	11 31	0 46	11 17	1 25	16 33	3 45	22 57	22 51	23 20	17 48	3 46
M26	18 47	24 27	1 27	15 24	4 59	18 12	1 4	6 24	3 15	6 49	1 10	16 30	2 19	11 32	0 46	11 17	1 25	16 32	3 45	22 57	22 50	23 19	17 48	3 46
T 27	18 34	23 57	2 41	15 29	4 59	17 53	1 6	6 36	3 17	6 52	1 10	16 31	2 19	11 33	0 46	11 17	1 25	16 32	3 45	22 57	22 50	23 18	17 48	3 46
W28	18 19	21 42	3 45	15 34	4 58	17 34	1 7	6 47	3 18	6 55	1 10	16 32	2 19	11 34	0 46	11 17	1 25	16 31	3 45	22 57	22 50	23 18	17 48	3 46
T 29	18 5	17 54	4 32	15 40	4 56	17 14	1 9	6 58	3 19	6 58	1 10	16 32	2 19	11 34	0 46	11 17	1 25	16 31	3 45	22 56	22 50	23 17	17 48	3 47
F 30	17 50	13 0	5 0	15 47	4 52	16 53	1 10	7 9	3 20	7 1	1 10	16 33	2 20	11 35	0 46	11 17	1 25	16 30	3 45	22 56	22 50	23 16	17 48	3 47
S 31	17n35	7s27	5s 8	15n55	4s46	16n33	1n12	7n20	3s21	7s 4	1n10	16n34	2s20	11s36	0s46	11n17	1s25	16n30	3n45	22n56	22n49	23n15	17n49	3s47

Julian Day Number = 3064238.5, Delta T = 02h33m07s
Ecliptic obliquity = 23°13'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'30, Lahiri = 47°22'30

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

AUGUST 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 43 43	10♌57'21	7♈18	26°R44	18♌53	27♈59	21♎10	24♉57	1°R22	3♉40	25♌20	20°R58	19♊33	29♋57	8♊43	S 1
M 2	20 47 40	11°54'37	21° 3	26°D43	20° 7	28°33	21°18	25° 1	1♓20	3°40	25°22	20♊55	19°30	0♌ 4	8°45	M 2
T 3	20 51 36	12°51'54	4♉20	26♋46	21°21	29° 6	21°26	25° 4	1°18	3°41	25°24	20°53	19°27	0°11	8°48	T 3
W 4	20 55 33	13°49'11	17°11	26°54	22°35	29°39	21°34	25° 7	1°16	3°41	25°25	20°D52	19°24	0°17	8°50	W 4
T 5	20 59 29	14°46'28	29°40	27° 8	23°48	0♉11	21°42	25°11	1°13	3°R41	25°27	20°53	19°21	0°24	8°52	T 5
F 6	21 3 26	15°43'46	11♊51	27°26	25° 2	0°44	21°50	25°14	1°11	3°41	25°29	20°54	19°18	0°31	8°54	F 6
S 7	21 7 22	16°41'04	23°51	27°50	26°16	1°16	21°58	25°17	1° 9	3°41	25°30	20°R54	19°14	0°37	8°56	S 7
S 8	21 11 19	17°38'23	5♋43	28°20	27°30	1°48	22° 7	25°20	1° 6	3°40	25°32	20°53	19°11	0°44	8°58	S 8
M 9	21 15 15	18°35'41	17°31	28°54	28°43	2°19	22°15	25°22	1° 4	3°40	25°34	20°50	19° 8	0°51	9° 0	M 9
T 10	21 19 12	19°33'01	29°19	29°34	29°57	2°50	22°24	25°25	1° 2	3°40	25°35	20°44	19° 5	0°57	9° 2	T 10
W11	21 23 9	20°30'20	11♌10	0♌20	1♍11	3°21	22°33	25°28	0°59	3°40	25°37	20°35	19° 2	1° 4	9° 4	W11
T 12	21 27 5	21°27'40	23° 4	1°10	2°25	3°52	22°42	25°30	0°57	3°40	25°39	20°25	18°58	1°11	9° 6	T 12
F 13	21 31 2	22°25'00	5♍ 5	2° 5	3°38	4°22	22°51	25°33	0°55	3°40	25°40	20°14	18°55	1°17	9° 8	F 13
S 14	21 34 58	23°22'20	17°13	3° 6	4°52	4°52	23° 0	25°35	0°52	3°39	25°42	20° 2	18°52	1°24	9°10	S 14
S 15	21 38 55	24°19'41	29°29	4°11	6° 6	5°21	23° 9	25°37	0°50	3°39	25°44	19°52	18°49	1°31	9°11	S 15
M16	21 42 51	25°17'01	11♎55	5°21	7°20	5°50	23°18	25°39	0°47	3°39	25°45	19°43	18°46	1°37	9°13	M16
T 17	21 46 48	26°14'22	24°33	6°37	8°33	6°19	23°28	25°41	0°45	3°38	25°47	19°37	18°43	1°44	9°15	T 17
W18	21 50 44	27°11'44	7♏26	7°56	9°47	6°47	23°37	25°43	0°43	3°38	25°49	19°33	18°39	1°51	9°16	W18
T 19	21 54 41	28° 9'05	20°35	9°21	11° 1	7°15	23°47	25°45	0°40	3°37	25°50	19°31	18°36	1°57	9°18	T 19
F 20	21 58 38	29° 6'27	4♐ 3	10°50	12°15	7°43	23°56	25°47	0°38	3°37	25°52	19°D31	18°33	2° 4	9°19	F 20
S 21	22 2 34	0♍ 3'49	17°53	12°23	13°28	8°10	24° 6	25°49	0°35	3°36	25°54	19°R31	18°30	2°11	9°20	S 21
S 22	22 6 31	1° 1'12	2♑ 6	14° 0	14°42	8°37	24°16	25°50	0°33	3°36	25°55	19°31	18°27	2°18	9°22	S 22
M23	22 10 27	1°58'34	16°40	15°41	15°56	9° 4	24°26	25°52	0°31	3°35	25°57	19°28	18°24	2°24	9°23	M23
T 24	22 14 24	2°55'58	1♒33	17°26	17°10	9°30	24°36	25°53	0°28	3°35	25°59	19°24	18°20	2°31	9°24	T 24
W25	22 18 20	3°53'21	16°36	19°15	18°23	9°55	24°46	25°54	0°26	3°34	26° 0	19°16	18°17	2°38	9°25	W25
T 26	22 22 17	4°50'45	1♓43	21° 6	19°37	10°20	24°56	25°55	0°23	3°33	26° 2	19° 7	18°14	2°44	9°26	T 26
F 27	22 26 13	5°48'10	16°42	23° 0	20°51	10°45	25° 7	25°56	0°21	3°33	26° 4	18°56	18°11	2°51	9°27	F 27
S 28	22 30 10	6°45'36	1♈25	24°57	22° 4	11° 9	25°17	25°57	0°19	3°32	26° 5	18°46	18° 8	2°58	9°28	S 28
S 29	22 34 7	7°43'02	15°43	26°55	23°18	11°33	25°27	25°58	0°16	3°31	26° 7	18°37	18° 4	3° 4	9°29	S 29
M30	22 38 3	8°40'30	29°33	28°56	24°32	11°56	25°38	25°59	0°14	3°31	26° 9	18°30	18° 1	3°11	9°30	M30
T 31	22 42 0	9♍37'59	12♉54	0♍58	25♍45	12♉19	25♎49	25♉59	0♓11	3♉30	26♌10	18♊25	17♊58	3♌18	9♊31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n20	1s40	4s56	16n 2	4s40	16n11	1n13	7n30	3s23	7s 7	1n 9	16n34	2s20	11s37	0s46	11n17	1s25	16n29	3n45	22n55	22n49	23n15	17n49	3s47
M 2	17 4	4n 1	4 27	16 11	4 32	15 49	1 14	7 41	3 24	7 10	1 9	16 35	2 20	11 37	0 46	11 17	1 25	16 29	3 45	22 55	22 49	23 14	17 49	3 48
T 3	16 48	9 20	3 44	16 19	4 23	15 27	1 16	7 51	3 25	7 13	1 9	16 35	2 20	11 38	0 46	11 17	1 25	16 28	3 45	22 55	22 49	23 13	17 49	3 48
W 4	16 32	14 4	2 51	16 27	4 13	15 5	1 17	8 2	3 26	7 16	1 9	16 36	2 21	11 39	0 46	11 17	1 25	16 28	3 45	22 55	22 48	23 12	17 49	3 48
T 5	16 15	18 5	1 52	16 35	4 2	14 42	1 18	8 12	3 27	7 19	1 9	16 36	2 21	11 40	0 46	11 17	1 26	16 27	3 45	22 55	22 48	23 11	17 49	3 49
F 6	15 59	21 12	0 48	16 43	3 50	14 18	1 19	8 22	3 28	7 22	1 8	16 37	2 21	11 41	0 46	11 17	1 26	16 27	3 45	22 55	22 48	23 11	17 49	3 49
S 7	15 42	23 21	0n16	16 50	3 38	13 55	1 20	8 32	3 29	7 26	1 8	16 37	2 21	11 42	0 46	11 17	1 26	16 26	3 45	22 55	22 48	23 10	17 49	3 49
S 8	15 25	24 25	1 19	16 57	3 25	13 30	1 21	8 42	3 30	7 29	1 8	16 38	2 21	11 42	0 46	11 17	1 26	16 26	3 45	22 55	22 47	23 9	17 49	3 50
M 9	15 7	24 22	2 18	17 4	3 12	13 6	1 22	8 51	3 31	7 32	1 8	16 38	2 22	11 43	0 46	11 17	1 26	16 25	3 45	22 55	22 47	23 8	17 49	3 50
T 10	14 49	23 13	3 10	17 9	2 58	12 41	1 23	9 1	3 33	7 36	1 8	16 39	2 22	11 44	0 46	11 17	1 26	16 25	3 45	22 54	22 47	23 7	17 49	3 50
W11	14 31	21 2	3 55	17 14	2 44	12 16	1 24	9 10	3 34	7 39	1 8	16 39	2 22	11 45	0 46	11 17	1 26	16 24	3 45	22 54	22 47	23 6	17 49	3 50
T 12	14 13	17 57	4 30	17 17	2 29	11 50	1 25	9 19	3 35	7 42	1 7	16 40	2 22	11 46	0 46	11 17	1 26	16 24	3 45	22 53	22 46	23 6	17 49	3 51
F 13	13 55	14 6	4 53	17 20	2 15	11 25	1 25	9 28	3 36	7 46	1 7	16 40	2 23	11 47	0 46	11 16	1 26	16 23	3 46	22 52	22 46	23 5	17 49	3 51
S 14	13 36	9 39	5 3	17 21	2 0	10 58	1 26	9 37	3 37	7 49	1 7	16 40	2 23	11 47	0 46	11 16	1 26	16 23	3 46	22 51	22 46	23 4	17 49	3 51
S 15	13 18	4 47	4 59	17 20	1 45	10 32	1 26	9 46	3 38	7 53	1 7	16 40	2 23	11 48	0 46	11 16	1 26	16 22	3 46	22 50	22 45	23 3	17 49	3 52
M16	12 59	0s21	4 41	17 18	1 30	10 5	1 27	9 54	3 39	7 56	1 7	16 41	2 23	11 49	0 46	11 16	1 26	16 22	3 46	22 50	22 45	23 2	17 49	3 52
T 17	12 40	5 34	4 9	17 14	1 16	9 38	1 27	10 3	3 39	8 0	1 7	16 41	2 24	11 50	0 46	11 16	1 26	16 21	3 46	22 49	22 45	23 1	17 49	3 52
W18	12 20	10 39	3 24	17 8	1 1	9 11	1 28	10 11	3 40	8 3	1 7	16 41	2 24	11 51	0 46	11 16	1 26	16 21	3 46	22 49	22 45	23 0	17 48	3 53
T 19	12 1	15 22	2 27	17 0	0 47	8 44	1 28	10 19	3 41	8 7	1 6	16 41	2 24	11 52	0 46	11 15	1 26	16 20	3 46	22 49	22 44	23 0	17 48	3 53
F 20	11 41	19 26	1 21	16 50	0 33	8 16	1 28	10 27	3 42	8 11	1 6	16 42	2 24	11 52	0 46	11 15	1 26	16 20	3 46	22 49	22 44	22 59	17 48	3 53
S 21	11 21	22 32	0 9	16 37	0 19	7 48	1 28	10 35	3 43	8 14	1 6	16 42	2 24	11 53	0 46	11 15	1 26	16 19	3 46	22 49	22 44	22 58	17 48	3 54
S 22	11 1	24 19	1s 6	16 23	0 6	7 20	1 28	10 42	3 44	8 18	1 6	16 42	2 25	11 54	0 46	11 15	1 26	16 19	3 46	22 49	22 44	22 57	17 48	3 54
M23	10 41	24 29	2 19	16 5	0n 6	6 52	1 28	10 50	3 45	8 22	1 6	16 42	2 25	11 55	0 46	11 15	1 26	16 18	3 46	22 49	22 43	22 56	17 48	3 54
T 24	10 20	22 56	3 23	15 46	0 18	6 23	1 28	10 57	3 45	8 26	1 6	16 42	2 25	11 56	0 46	11 14	1 27	16 18	3 46	22 48	22 43	22 55	17 48	3 54
W25	10 0	19 46	4 14	15 24	0 30	5 54	1 28	11 4	3 46	8 30	1 5	16 42	2 25	11 57	0 46	11 14	1 27	16 17	3 46	22 48	22 43	22 54	17 48	3 55
T 26	9 39	15 15	4 48	14 59	0 41	5 26	1 28	11 11	3 47	8 33	1 5	16 42	2 26	11 58	0 46	11 14	1 27	16 17	3 46	22 47	22 43	22 53	17 47	3 55
F 27	9 18	9 50	5 1	14 31	0 51	4 57	1 28	11 18	3 48	8 37	1 5	16 42	2 26	11 58	0 46	11 14	1 27	16 16	3 47	22 46	22 42	22 52	17 47	3 55
S 28	8 57	3 57	4 54	14 2	1 0	4 28	1 28	11 25	3 48	8 41	1 5	16 42	2 26	11 59	0 46	11 13	1 27	16 16	3 47	22 45	22 42	22 51	17 47	3 56
S 29	8 36	1n59	4 29	13 30	1 8	3 58	1 27	11 32	3 49	8 45	1 5	16 42	2 26	12 0	0 46	11 13	1 27	16 15	3 47	22 44	22 42	22 50	17 47	3 56
M30	8 15	7 39	3 48	12 55	1 16	3 29	1 27	11 38	3 50	8 49	1 5	16 42	2 27	12 1	0 46	11 13	1 27	16 15	3 47	22 44	22 41	22 49	17 47	3 56
T 31	7n53	12n46	2s56	12n19	1n22	3n 0	1n26	11n44	3s50	8s53	1n 5	16n42	2s27	12s 2	0s46	11n12	1s27	16n14	3n47	22n43	22n41	22n49	17n46	3s57

Julian Day Number = 3064269.5, Delta T = 02h33m08s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'34, Lahiri = 47°22'34

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

SEPTEMBER 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 45 56	10♍35'29	25♉48	3♍ 1	26♍59	12♉41	25♎59	26♉ 0	0°R 9	3°R29	26♌12	18°R23	17♊55	3♌24	9♊32	W 1
T 2	22 49 53	11°33'00	8♊18	5° 4	28°13	13° 3	26°10	26° 0	0♓ 7	3♉28	26°14	18♊22	17°52	3°31	9°32	T 2
F 3	22 53 49	12°30'32	20°30	7° 8	29°26	13°24	26°21	26° 1	0° 4	3°27	26°15	18°22	17°49	3°38	9°33	F 3
S 4	22 57 46	13°28'05	2♋29	9°13	0♎40	13°45	26°32	26° 1	0° 2	3°26	26°17	18°22	17°45	3°44	9°33	S 4
S 5	23 1 42	14°25'40	14°20	11°17	1°54	14° 5	26°43	26° 1	29♒59	3°25	26°19	18°20	17°42	3°51	9°34	S 5
M 6	23 5 39	15°23'16	26° 9	13°20	3° 7	14°24	26°54	26°R 1	29°57	3°24	26°20	18°15	17°39	3°58	9°34	M 6
T 7	23 9 36	16°20'53	7♌58	15°23	4°21	14°43	27° 5	26° 1	29°55	3°23	26°22	18° 8	17°36	4° 4	9°35	T 7
W 8	23 13 32	17°18'32	19°52	17°25	5°35	15° 1	27°16	26° 1	29°53	3°22	26°23	17°58	17°33	4°11	9°35	W 8
T 9	23 17 29	18°16'11	1♍54	19°26	6°48	15°19	27°27	26° 0	29°51	3°21	26°25	17°46	17°30	4°18	9°35	T 9
F 10	23 21 25	19°13'52	14° 4	21°27	8° 2	15°36	27°39	26° 0	29°48	3°20	26°27	17°33	17°26	4°24	9°35	F 10
S 11	23 25 22	20°11'34	26°25	23°26	9°15	15°52	27°50	26° 0	29°46	3°19	26°28	17°19	17°23	4°31	9°36	S 11
S 12	23 29 18	21° 9'17	8♎56	25°23	10°29	16° 8	28° 1	25°59	29°44	3°18	26°30	17° 7	17°20	4°38	9°R36	S 12
M13	23 33 15	22° 7'01	21°37	27°20	11°43	16°23	28°13	25°58	29°42	3°17	26°31	16°56	17°17	4°45	9°36	M13
T 14	23 37 11	23° 4'46	4♏30	29°15	12°56	16°37	28°25	25°57	29°40	3°16	26°33	16°48	17°14	4°51	9°36	T 14
W15	23 41 8	24° 2'33	17°34	1♎ 9	14°10	16°50	28°36	25°56	29°38	3°15	26°34	16°43	17°10	4°58	9°35	W15
T 16	23 45 4	25° 0'20	0♐51	3° 2	15°23	17° 3	28°48	25°55	29°35	3°13	26°36	16°40	17° 7	5° 5	9°35	T 16
F 17	23 49 1	25°58'08	14°22	4°53	16°37	17°15	29° 0	25°54	29°33	3°12	26°37	16°D40	17° 4	5°11	9°35	F 17
S 18	23 52 58	26°55'58	28° 8	6°43	17°51	17°27	29°11	25°53	29°31	3°11	26°39	16°R40	17° 1	5°18	9°35	S 18
S 19	23 56 54	27°53'49	12♑11	8°31	19° 4	17°37	29°23	25°52	29°29	3°10	26°40	16°39	16°58	5°25	9°34	S 19
M20	0 0 51	28°51'40	26°30	10°18	20°18	17°47	29°35	25°50	29°27	3° 8	26°42	16°37	16°55	5°31	9°34	M20
T 21	0 4 47	29°49'33	11♒ 3	12° 4	21°31	17°56	29°47	25°49	29°25	3° 7	26°43	16°32	16°51	5°38	9°33	T 21
W22	0 8 44	0♎47'27	25°45	13°48	22°45	18° 4	29°59	25°47	29°23	3° 6	26°45	16°25	16°48	5°45	9°33	W22
T 23	0 12 40	1°45'22	10♓31	15°31	23°58	18°12	0♏11	25°45	29°21	3° 4	26°46	16°15	16°45	5°51	9°32	T 23
F 24	0 16 37	2°43'18	25°13	17°13	25°12	18°19	0°23	25°44	29°20	3° 3	26°48	16° 5	16°42	5°58	9°32	F 24
S 25	0 20 33	3°41'16	9♈42	18°53	26°25	18°24	0°35	25°42	29°18	3° 2	26°49	15°54	16°39	6° 5	9°31	S 25
S 26	0 24 30	4°39'15	23°52	20°32	27°38	18°30	0°47	25°40	29°16	3° 0	26°50	15°45	16°35	6°11	9°30	S 26
M27	0 28 27	5°37'16	7♉38	22°10	28°52	18°34	1° 0	25°38	29°14	2°59	26°52	15°37	16°32	6°18	9°29	M27
T 28	0 32 23	6°35'18	20°58	23°47	0♏ 5	18°37	1°12	25°35	29°12	2°57	26°53	15°32	16°29	6°25	9°28	T 28
W29	0 36 20	7°33'23	3♊53	25°23	1°19	18°40	1°24	25°33	29°11	2°56	26°54	15°30	16°26	6°32	9°27	W29
T 30	0 40 16	8♎31'29	16♊25	26♎57	2♏32	18♉41	1♏37	25♉31	29♒ 9	2♉54	26♌56	15°D29	16♊23	6♌38	9♊26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n32	17n 9	1s57	11n41	1n28	2n30	1n26	11n50	3s51	8s57	1n 5	16n42	2s27	12s 3	0s46	11n12	1s27	16n14	3n47	22n43	22n41	22n48	17n46	3s57
T 2	7 10	20 37	0 53	11 0	1 33	2 0	1 25	11 56	3 51	9 1	1 4	16 42	2 27	12 3	0 46	11 12	1 27	16 13	3 47	22 43	22 41	22 47	17 46	3 57
F 3	6 48	23 5	0n11	10 19	1 37	1 31	1 24	12 2	3 52	9 5	1 4	16 42	2 28	12 4	0 46	11 11	1 27	16 13	3 47	22 43	22 40	22 46	17 46	3 58
S 4	6 27	24 26	1 14	9 35	1 40	1 1	1 23	12 7	3 52	9 9	1 4	16 41	2 28	12 5	0 46	11 11	1 27	16 12	3 47	22 43	22 40	22 45	17 46	3 58
S 5	6 5	24 40	2 13	8 51	1 42	0 31	1 23	12 13	3 53	9 13	1 4	16 41	2 28	12 6	0 46	11 11	1 27	16 12	3 47	22 43	22 40	22 44	17 45	3 58
M 6	5 43	23 46	3 5	8 6	1 44	0 1	1 22	12 18	3 53	9 17	1 4	16 41	2 28	12 7	0 46	11 10	1 27	16 11	3 47	22 43	22 39	22 43	17 45	3 59
T 7	5 20	21 49	3 50	7 19	1 44	0s29	1 21	12 23	3 54	9 21	1 4	16 41	2 28	12 7	0 46	11 10	1 27	16 11	3 48	22 42	22 39	22 42	17 45	3 59
W 8	4 58	18 55	4 25	6 32	1 44	0 59	1 20	12 28	3 54	9 25	1 4	16 40	2 29	12 8	0 46	11 10	1 27	16 11	3 48	22 41	22 39	22 41	17 44	3 59
T 9	4 36	15 12	4 49	5 44	1 44	1 28	1 18	12 33	3 54	9 29	1 4	16 40	2 29	12 9	0 46	11 9	1 27	16 10	3 48	22 40	22 39	22 40	17 44	4 0
F 10	4 14	10 49	4 59	4 56	1 42	1 58	1 17	12 37	3 54	9 33	1 4	16 40	2 29	12 10	0 46	11 9	1 27	16 10	3 48	22 39	22 38	22 39	17 44	4 0
S 11	3 51	5 57	4 56	4 8	1 41	2 28	1 16	12 42	3 55	9 37	1 3	16 39	2 29	12 10	0 46	11 8	1 27	16 9	3 48	22 38	22 38	22 38	17 44	4 0
S 12	3 29	0 46	4 39	3 19	1 38	2 58	1 15	12 46	3 55	9 41	1 3	16 39	2 30	12 11	0 46	11 8	1 27	16 9	3 48	22 36	22 38	22 37	17 43	4 1
M13	3 6	4s31	4 7	2 30	1 35	3 28	1 13	12 50	3 55	9 46	1 3	16 39	2 30	12 12	0 46	11 8	1 27	16 8	3 48	22 35	22 37	22 35	17 43	4 1
T 14	2 43	9 43	3 23	1 42	1 31	3 58	1 12	12 54	3 55	9 50	1 3	16 38	2 30	12 13	0 46	11 7	1 27	16 8	3 48	22 35	22 37	22 34	17 43	4 1
W15	2 21	14 34	2 27	0 53	1 27	4 27	1 10	12 57	3 55	9 54	1 3	16 38	2 30	12 13	0 46	11 7	1 27	16 8	3 48	22 34	22 37	22 33	17 42	4 2
T 16	1 58	18 48	1 23	0 4	1 23	4 57	1 9	13 1	3 55	9 58	1 3	16 37	2 31	12 14	0 46	11 6	1 27	16 7	3 48	22 34	22 36	22 32	17 42	4 2
F 17	1 35	22 7	0 12	0s44	1 18	5 26	1 7	13 4	3 55	10 2	1 3	16 37	2 31	12 15	0 46	11 6	1 28	16 7	3 49	22 34	22 36	22 31	17 41	4 2
S 18	1 13	24 13	1s 0	1 32	1 13	5 56	1 5	13 8	3 55	10 7	1 3	16 36	2 31	12 16	0 46	11 5	1 28	16 6	3 49	22 34	22 36	22 30	17 41	4 3
S 19	0 50	24 50	2 11	2 19	1 7	6 25	1 4	13 11	3 54	10 11	1 3	16 36	2 31	12 16	0 46	11 5	1 28	16 6	3 49	22 34	22 36	22 29	17 41	4 3
M20	0 27	23 51	3 14	3 6	1 1	6 54	1 2	13 14	3 54	10 15	1 3	16 35	2 31	12 17	0 46	11 4	1 28	16 6	3 49	22 33	22 35	22 28	17 40	4 3
T 21	0 4	21 15	4 6	3 53	0 55	7 23	1 0	13 17	3 54	10 19	1 2	16 35	2 32	12 18	0 46	11 4	1 28	16 5	3 49	22 33	22 35	22 27	17 40	4 4
W22	0s19	17 15	4 42	4 39	0 48	7 52	0 58	13 19	3 53	10 23	1 2	16 34	2 32	12 18	0 46	11 3	1 28	16 5	3 49	22 32	22 35	22 26	17 40	4 4
T 23	0 42	12 11	5 0	5 25	0 42	8 21	0 56	13 22	3 53	10 28	1 2	16 34	2 32	12 19	0 46	11 3	1 28	16 4	3 49	22 31	22 34	22 25	17 39	4 4
F 24	1 4	6 27	4 58	6 10	0 35	8 49	0 54	13 24	3 52	10 32	1 2	16 33	2 32	12 20	0 46	11 3	1 28	16 4	3 49	22 30	22 34	22 24	17 39	4 5
S 25	1 27	0 26	4 36	6 54	0 28	9 18	0 52	13 26	3 52	10 36	1 2	16 32	2 32	12 20	0 46	11 2	1 28	16 4	3 50	22 29	22 34	22 23	17 38	4 5
S 26	1 50	5n29	3 58	7 38	0 20	9 46	0 50	13 28	3 51	10 41	1 2	16 32	2 33	12 21	0 46	11 2	1 28	16 3	3 50	22 28	22 33	22 21	17 38	4 5
M27	2 13	10 59	3 7	8 21	0 13	10 14	0 48	13 30	3 50	10 45	1 2	16 31	2 33	12 21	0 46	11 1	1 28	16 3	3 50	22 27	22 33	22 20	17 37	4 6
T 28	2 36	15 48	2 7	9 4	0 5	10 41	0 46	13 32	3 49	10 49	1 2	16 30	2 33	12 22	0 46	11 1	1 28	16 3	3 50	22 27	22 33	22 19	17 37	4 6
W29	2 58	19 44	1 1	9 46	0s 2	11 9	0 43	13 33	3 48	10 53	1 2	16 30	2 33	12 23	0 46	11 0	1 28	16 2	3 50	22 27	22 32	22 18	17 37	4 6
T 30	3s21	22n37	0n 5	10s27	0s10	11s36	0n41	13n35	3s47	10s58	1n 2	16n29	2s33	12s23	0s46	10n59	1s28	16n 2	3n50	22n27	22n32	22n17	17n36	4s 7

Julian Day Number = 3064300.5, Delta T = 02h33m09s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'38, Lahiri = 47°22'39

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

OCTOBER 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 44 13	9♎29'37	28♊39	28♎30	3♏45	18°R42	1♏49	25°R28	29°R 7	2°R53	26♌57	15♊30	16♊20	6♌45	9°R25	F 1
S 2	0 48 9	10°27'47	10♋40	0♏ 2	4°59	18♉42	2° 1	25♉26	29♒ 6	2♉51	26°58	15°R30	16°16	6°52	9♊24	S 2
S 3	0 52 6	11°25'59	22°33	1°32	6°12	18°41	2°14	25°23	29° 4	2°50	27° 0	15°30	16°13	6°58	9°23	S 3
M 4	0 56 2	12°24'12	4♌22	3° 2	7°25	18°39	2°26	25°20	29° 2	2°48	27° 1	15°27	16°10	7° 5	9°22	M 4
T 5	0 59 59	13°22'28	16°14	4°30	8°39	18°37	2°39	25°17	29° 1	2°47	27° 2	15°22	16° 7	7°12	9°20	T 5
W 6	1 3 56	14°20'46	28°13	5°57	9°52	18°33	2°51	25°14	29° 0	2°45	27° 3	15°15	16° 4	7°18	9°19	W 6
T 7	1 7 52	15°19'05	10♍21	7°22	11° 5	18°29	3° 4	25°11	28°58	2°44	27° 5	15° 6	16° 1	7°25	9°18	T 7
F 8	1 11 49	16°17'26	22°41	8°47	12°19	18°23	3°17	25° 8	28°57	2°42	27° 6	14°55	15°57	7°32	9°16	F 8
S 9	1 15 45	17°15'49	5♎15	10°10	13°32	18°17	3°29	25° 5	28°55	2°41	27° 7	14°45	15°54	7°38	9°14	S 9
S 10	1 19 42	18°14'14	18° 2	11°32	14°45	18°10	3°42	25° 2	28°54	2°39	27° 8	14°35	15°51	7°45	9°13	S 10
M11	1 23 38	19°12'40	1♏ 4	12°53	15°59	18° 2	3°55	24°59	28°53	2°37	27° 9	14°26	15°48	7°52	9°11	M11
T 12	1 27 35	20°11'09	14°17	14°12	17°12	17°54	4° 7	24°55	28°52	2°36	27°10	14°20	15°45	7°59	9°10	T 12
W13	1 31 31	21° 9'39	27°42	15°29	18°25	17°44	4°20	24°52	28°50	2°34	27°12	14°17	15°41	8° 5	9° 8	W13
T 14	1 35 28	22° 8'10	11♐18	16°46	19°38	17°34	4°33	24°48	28°49	2°32	27°13	14°D16	15°38	8°12	9° 6	T 14
F 15	1 39 24	23° 6'44	25° 2	18° 0	20°51	17°23	4°46	24°45	28°48	2°31	27°14	14°16	15°35	8°19	9° 4	F 15
S 16	1 43 21	24° 5'19	8♑56	19°13	22° 5	17°12	4°58	24°41	28°47	2°29	27°15	14°17	15°32	8°25	9° 2	S 16
S 17	1 47 18	25° 3'55	22°59	20°25	23°18	16°59	5°11	24°37	28°46	2°28	27°16	14°R18	15°29	8°32	9° 0	S 17
M18	1 51 14	26° 2'33	7♒ 9	21°34	24°31	16°46	5°24	24°33	28°45	2°26	27°17	14°17	15°26	8°39	8°58	M18
T 19	1 55 11	27° 1'12	21°26	22°42	25°44	16°33	5°37	24°29	28°44	2°24	27°18	14°15	15°22	8°45	8°56	T 19
W20	1 59 7	27°59'53	5♓46	23°48	26°57	16°19	5°50	24°26	28°43	2°23	27°19	14°10	15°19	8°52	8°54	W20
T 21	2 3 4	28°58'36	20° 5	24°51	28°10	16° 4	6° 3	24°22	28°42	2°21	27°20	14° 4	15°16	8°59	8°52	T 21
F 22	2 7 0	29°57'20	4♈20	25°52	29°23	15°49	6°16	24°17	28°42	2°19	27°21	13°57	15°13	9° 5	8°50	F 22
S 23	2 10 57	0♏56'06	18°24	26°50	0♐36	15°33	6°28	24°13	28°41	2°18	27°21	13°50	15°10	9°12	8°48	S 23
S 24	2 14 53	1°54'54	2♉14	27°46	1°49	15°17	6°41	24° 9	28°40	2°16	27°22	13°44	15° 7	9°19	8°45	S 24
M25	2 18 50	2°53'43	15°45	28°39	3° 2	15° 0	6°54	24° 5	28°40	2°14	27°23	13°39	15° 3	9°26	8°43	M25
T 26	2 22 47	3°52'35	28°55	29°29	4°15	14°43	7° 7	24° 1	28°39	2°13	27°24	13°37	15° 0	9°32	8°41	T 26
W27	2 26 43	4°51'29	11♊45	0♐15	5°28	14°26	7°20	23°56	28°39	2°11	27°25	13°D35	14°57	9°39	8°38	W27
T 28	2 30 40	5°50'25	24°16	0°57	6°41	14° 8	7°33	23°52	28°38	2° 9	27°26	13°36	14°54	9°46	8°36	T 28
F 29	2 34 36	6°49'23	6♋30	1°35	7°54	13°50	7°46	23°48	28°38	2° 8	27°26	13°37	14°51	9°52	8°33	F 29
S 30	2 38 33	7°48'24	18°32	2° 9	9° 7	13°32	7°59	23°43	28°37	2° 6	27°27	13°39	14°47	9°59	8°31	S 30
S 31	2 42 29	8♏47'26	0♌26	2♐38	10♐20	13♉14	8♏12	23♉39	28♒37	2♉ 4	27♌28	13♊40	14♊44	10♌ 6	8♊28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3s44	24n23	1n10	11s 7	0s18	12s 3	0n39	13n36	3s46	11s 2	1n 2	16n28	2s34	12s24	0s46	10n59	1s28	16n 2	3n50	22n27	22n32	22n16	17n36	4s 7	F 1
S 2	4 6	24 58	2 10	11 47	0 26	12 30	0 36	13 37	3 45	11 6	1 2	16 27	2 34	12 24	0 46	10 58	1 28	16 1	3 50	22 27	22 31	22 15	17 35	4 7	S 2
S 3	4 29	24 23	3 4	12 26	0 34	12 56	0 34	13 38	3 44	11 11	1 2	16 27	2 34	12 25	0 46	10 58	1 28	16 1	3 51	22 27	22 31	22 13	17 35	4 8	S 3
M 4	4 52	22 43	3 50	13 4	0 42	13 22	0 31	13 39	3 42	11 15	1 1	16 26	2 34	12 25	0 46	10 57	1 28	16 1	3 51	22 26	22 31	22 12	17 34	4 8	M 4
T 5	5 14	20 4	4 26	13 41	0 50	13 48	0 29	13 40	3 41	11 19	1 1	16 25	2 34	12 26	0 46	10 57	1 28	16 0	3 51	22 26	22 30	22 11	17 34	4 8	T 5
W 6	5 36	16 32	4 51	14 18	0 58	14 14	0 26	13 40	3 39	11 23	1 1	16 24	2 35	12 26	0 46	10 56	1 28	16 0	3 51	22 25	22 30	22 10	17 33	4 9	W 6
T 7	5 59	12 18	5 3	14 53	1 6	14 39	0 24	13 41	3 38	11 28	1 1	16 23	2 35	12 27	0 46	10 56	1 28	16 0	3 51	22 24	22 30	22 9	17 33	4 9	T 7
F 8	6 21	7 30	5 1	15 28	1 14	15 4	0 21	13 41	3 36	11 32	1 1	16 22	2 35	12 27	0 46	10 55	1 28	16 0	3 51	22 23	22 29	22 7	17 32	4 9	F 8
S 9	6 43	2 18	4 45	16 2	1 22	15 28	0 18	13 41	3 34	11 36	1 1	16 21	2 35	12 28	0 46	10 55	1 28	15 59	3 51	22 22	22 29	22 6	17 32	4 9	S 9
S 10	7 5	3s 5	4 14	16 35	1 30	15 52	0 16	13 41	3 32	11 41	1 1	16 20	2 35	12 28	0 46	10 54	1 28	15 59	3 52	22 21	22 29	22 5	17 31	4 10	S 10
M11	7 27	8 27	3 30	17 7	1 37	16 16	0 13	13 41	3 30	11 45	1 1	16 20	2 35	12 28	0 46	10 53	1 28	15 59	3 52	22 20	22 28	22 4	17 30	4 10	M11
T 12	7 49	13 32	2 34	17 38	1 45	16 39	0 10	13 41	3 28	11 49	1 1	16 19	2 35	12 29	0 46	10 53	1 28	15 58	3 52	22 19	22 28	22 3	17 30	4 10	T 12
W13	8 11	18 3	1 28	18 8	1 53	17 2	0 7	13 40	3 26	11 54	1 1	16 18	2 36	12 29	0 46	10 52	1 28	15 58	3 52	22 18	22 28	22 1	17 29	4 11	W13
T 14	8 33	21 40	0 16	18 37	2 0	17 25	0 4	13 40	3 23	11 58	1 1	16 17	2 36	12 30	0 46	10 52	1 28	15 58	3 52	22 18	22 27	22 0	17 29	4 11	T 14
F 15	8 54	24 6	0s58	19 5	2 8	17 47	0 2	13 39	3 21	12 2	1 1	16 16	2 36	12 30	0 46	10 51	1 28	15 58	3 52	22 18	22 27	21 59	17 28	4 11	F 15
S 16	9 16	25 4	2 9	19 32	2 15	18 9	0s 1	13 38	3 18	12 6	1 1	16 15	2 36	12 30	0 46	10 51	1 28	15 58	3 52	22 18	22 27	21 58	17 28	4 11	S 16
S 17	9 37	24 28	3 13	19 59	2 22	18 30	0 4	13 38	3 16	12 11	1 1	16 14	2 36	12 31	0 46	10 50	1 28	15 57	3 53	22 19	22 26	21 56	17 27	4 12	S 17
M18	9 58	22 17	4 6	20 24	2 29	18 51	0 7	13 37	3 13	12 15	1 1	16 13	2 36	12 31	0 45	10 50	1 28	15 57	3 53	22 19	22 26	21 55	17 27	4 12	M18
T 19	10 19	18 43	4 44	20 47	2 36	19 11	0 10	13 36	3 10	12 19	1 1	16 12	2 36	12 31	0 45	10 49	1 28	15 57	3 53	22 18	22 26	21 54	17 26	4 12	T 19
W20	10 40	14 2	5 5	21 10	2 42	19 31	0 13	13 34	3 7	12 23	1 1	16 11	2 37	12 31	0 45	10 48	1 28	15 57	3 53	22 18	22 25	21 53	17 25	4 13	W20
T 21	11 1	8 36	5 6	21 32	2 48	19 50	0 16	13 33	3 4	12 28	1 1	16 9	2 37	12 32	0 45	10 48	1 28	15 57	3 53	22 17	22 25	21 51	17 25	4 13	T 21
F 22	11 21	2 43	4 49	21 52	2 54	20 9	0 19	13 32	3 1	12 32	1 1	16 8	2 37	12 32	0 45	10 47	1 28	15 56	3 53	22 16	22 25	21 50	17 24	4 13	F 22
S 23	11 42	3n13	4 14	22 11	3 0	20 27	0 22	13 31	2 58	12 36	1 1	16 7	2 37	12 32	0 45	10 47	1 28	15 56	3 54	22 15	22 24	21 49	17 24	4 13	S 23
S 24	12 2	8 55	3 25	22 29	3 5	20 45	0 25	13 29	2 54	12 40	1 1	16 6	2 37	12 32	0 45	10 46	1 28	15 56	3 54	22 15	22 24	21 47	17 23	4 14	S 24
M25	12 22	14 5	2 25	22 46	3 9	21 2	0 28	13 28	2 51	12 44	1 1	16 5	2 37	12 33	0 45	10 46	1 28	15 56	3 54	22 14	22 24	21 46	17 23	4 14	M25
T 26	12 42	18 27	1 19	23 1	3 14	21 19	0 31	13 27	2 47	12 49	1 1	16 4	2 37	12 33	0 45	10 45	1 28	15 56	3 54	22 14	22 23	21 45	17 22	4 14	T 26
W27	13 2	21 50	0 10	23 14	3 17	21 35	0 34	13 25	2 43	12 53	1 1	16 3	2 37	12 33	0 45	10 44	1 28	15 56	3 54	22 14	22 23	21 44	17 21	4 14	W27
T 28	13 21	24 4	0n58	23 26	3 21	21 50	0 37	13 23	2 40	12 57	1 1	16 2	2 37	12 33	0 45	10 44	1 28	15 56	3 54	22 14	22 23	21 42	17 21	4 15	T 28
F 29	13 40	25 5	2 2	23 37	3 23	22 5	0 40	13 22	2 36	13 1	1 1	16 1	2 37	12 33	0 45	10 43	1 28	15 55	3 55	22 14	22 22	21 41	17 20	4 15	F 29
S 30	13 59	24 55	2 59	23 45	3 25	22 19	0 43	13 20	2 32	13 5	1 1	16 0	2 37	12 33	0 45	10 43	1 28	15 55	3 55	22 14	22 22	21 40	17 19	4 15	S 30
S 31	14s18	23n35	3n48	23s52	3s26	22s33	0s46	13n19	2s28	13s 9	1n 1	15n58	2s37	12s33	0s45	10n42	1s28	15n55	3n55	22n14	22n22	21n38	17n19	4s15	S 31

Julian Day Number = 3064330.5, Delta T = 02h33m10s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'42, Lahiri = 47°22'43

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

NOVEMBER 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 46 26	9♏46'31	12♌17	3♐ 2	11♐33	12°R56	8♏25	23°R34	28°R37	2°R 3	27♌28	13°R41	14♊41	10♌12	8°R26	M 1
T 2	2 50 22	10°45'37	24°11	3°19	12°46	12♉37	8°38	23♉30	28♒36	2♉ 1	27°29	13♊40	14°38	10°19	8♊23	T 2
W 3	2 54 19	11°44'46	6♍11	3°31	13°59	12°19	8°51	23°25	28°36	1°59	27°30	13°37	14°35	10°26	8°20	W 3
T 4	2 58 16	12°43'58	18°22	3°R36	15°12	12° 1	9° 4	23°20	28°36	1°58	27°30	13°34	14°32	10°33	8°18	T 4
F 5	3 2 12	13°43'11	0♎48	3°34	16°24	11°43	9°17	23°16	28°36	1°56	27°31	13°29	14°28	10°39	8°15	F 5
S 6	3 6 9	14°42'26	13°31	3°24	17°37	11°25	9°30	23°11	28°D36	1°54	27°32	13°24	14°25	10°46	8°12	S 6
S 7	3 10 5	15°41'44	26°32	3° 6	18°50	11° 7	9°42	23° 6	28°36	1°53	27°32	13°19	14°22	10°53	8° 9	S 7
M 8	3 14 2	16°41'04	9♏52	2°40	20° 3	10°50	9°55	23° 2	28°36	1°51	27°33	13°16	14°19	10°59	8° 6	M 8
T 9	3 17 58	17°40'25	23°28	2° 5	21°16	10°32	10° 8	22°57	28°36	1°50	27°33	13°13	14°16	11° 6	8° 4	T 9
W10	3 21 55	18°39'49	7♐19	1°22	22°28	10°16	10°21	22°52	28°36	1°48	27°34	13°D12	14°13	11°13	8° 1	W10
T 11	3 25 51	19°39'15	21°20	0°31	23°41	9°59	10°34	22°47	28°36	1°47	27°34	13°12	14° 9	11°19	7°58	T 11
F 12	3 29 48	20°38'42	5♑30	29♏33	24°54	9°43	10°47	22°43	28°37	1°45	27°34	13°13	14° 6	11°26	7°55	F 12
S 13	3 33 45	21°38'11	19°44	28°28	26° 6	9°28	11° 0	22°38	28°37	1°43	27°35	13°14	14° 3	11°33	7°52	S 13
S 14	3 37 41	22°37'42	3♒59	27°18	27°19	9°13	11°13	22°33	28°37	1°42	27°35	13°16	14° 0	11°40	7°49	S 14
M15	3 41 38	23°37'14	18°12	26° 5	28°32	8°59	11°25	22°28	28°38	1°40	27°35	13°R16	13°57	11°46	7°46	M15
T 16	3 45 34	24°36'48	2♓22	24°50	29°44	8°45	11°38	22°24	28°38	1°39	27°36	13°16	13°53	11°53	7°43	T 16
W17	3 49 31	25°36'24	16°27	23°36	0♑57	8°32	11°51	22°19	28°39	1°37	27°36	13°15	13°50	12° 0	7°40	W17
T 18	3 53 27	26°36'01	0♈23	22°24	2° 9	8°19	12° 4	22°14	28°39	1°36	27°36	13°14	13°47	12° 6	7°37	T 18
F 19	3 57 24	27°35'39	14°11	21°18	3°22	8° 7	12°17	22°10	28°40	1°34	27°37	13°12	13°44	12°13	7°34	F 19
S 20	4 1 20	28°35'20	27°47	20°19	4°34	7°56	12°29	22° 5	28°41	1°33	27°37	13°10	13°41	12°20	7°31	S 20
S 21	4 5 17	29°35'02	11♉10	19°29	5°47	7°46	12°42	22° 0	28°41	1°32	27°37	13° 8	13°38	12°26	7°28	S 21
M22	4 9 14	0♐34'46	24°18	18°49	6°59	7°36	12°55	21°55	28°42	1°30	27°37	13° 6	13°34	12°33	7°25	M22
T 23	4 13 10	1°34'32	7♊11	18°20	8°11	7°27	13° 7	21°51	28°43	1°29	27°37	13°D 6	13°31	12°40	7°22	T 23
W24	4 17 7	2°34'20	19°49	18° 2	9°24	7°19	13°20	21°46	28°44	1°27	27°37	13° 6	13°28	12°47	7°18	W24
T 25	4 21 3	3°34'09	2♋13	17°D55	10°36	7°12	13°32	21°42	28°45	1°26	27°37	13° 6	13°25	12°53	7°15	T 25
F 26	4 25 0	4°34'01	14°24	18° 1	11°48	7° 5	13°45	21°37	28°46	1°25	27°37	13° 7	13°22	13° 0	7°12	F 26
S 27	4 28 56	5°33'55	26°24	18°16	13° 0	6°59	13°57	21°32	28°47	1°23	27°R37	13° 8	13°19	13° 7	7° 9	S 27
S 28	4 32 53	6°33'51	8♌18	18°42	14°12	6°54	14°10	21°28	28°48	1°22	27°37	13° 9	13°15	13°13	7° 6	S 28
M29	4 36 50	7°33'48	20°10	19°17	15°25	6°50	14°22	21°23	28°49	1°21	27°37	13° 9	13°12	13°20	7° 3	M29
T 30	4 40 46	8♐33'48	2♍ 2	20♏ 1	16♑37	6♉46	14♏35	21♉19	28♒50	1♉20	27♌37	13♊10	13♊ 9	13♌27	7♊ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s37	21n14	4n27	23s57	3s26	22s46	0s49	13n17	2s24	13s14	1n 1	15n57	2s37	12s33	0s45	10n42	1s28	15n55	3n55	22n14	22n21	21n37	17n18	4s16
T 2	14 55	17 59	4 55	24 0	3 26	22 59	0 51	13 16	2 20	13 18	1 1	15 56	2 37	12 33	0 45	10 41	1 28	15 55	3 55	22 14	22 21	21 36	17 18	4 16
W 3	15 13	13 58	5 10	24 0	3 24	23 10	0 54	13 14	2 16	13 22	1 0	15 55	2 38	12 34	0 45	10 40	1 28	15 55	3 55	22 14	22 21	21 34	17 17	4 16
T 4	15 31	9 20	5 11	23 59	3 21	23 22	0 57	13 13	2 12	13 26	1 0	15 54	2 38	12 34	0 45	10 40	1 28	15 55	3 56	22 13	22 20	21 33	17 16	4 16
F 5	15 49	4 15	4 58	23 54	3 17	23 32	1 0	13 11	2 8	13 30	1 0	15 53	2 38	12 34	0 45	10 39	1 28	15 55	3 56	22 13	22 20	21 31	17 16	4 16
S 6	16 6	1s 7	4 31	23 47	3 12	23 42	1 3	13 10	2 3	13 34	1 0	15 51	2 38	12 34	0 45	10 39	1 28	15 55	3 56	22 12	22 19	21 30	17 15	4 17
S 7	16 23	6 35	3 48	23 37	3 5	23 51	1 6	13 8	1 59	13 38	1 0	15 50	2 38	12 33	0 45	10 38	1 28	15 55	3 56	22 12	22 19	21 29	17 15	4 17
M 8	16 40	11 54	2 53	23 23	2 56	24 0	1 9	13 7	1 55	13 42	1 0	15 49	2 38	12 33	0 45	10 38	1 28	15 55	3 56	22 11	22 19	21 27	17 14	4 17
T 9	16 57	16 45	1 46	23 6	2 46	24 8	1 12	13 6	1 50	13 46	1 0	15 48	2 38	12 33	0 45	10 37	1 28	15 55	3 56	22 11	22 18	21 26	17 13	4 17
W10	17 13	20 48	0 32	22 46	2 34	24 15	1 14	13 5	1 46	13 50	1 1	15 47	2 38	12 33	0 45	10 37	1 28	15 55	3 57	22 11	22 18	21 24	17 13	4 17
T 11	17 29	23 41	0s45	22 22	2 21	24 21	1 17	13 4	1 42	13 54	1 1	15 46	2 38	12 33	0 45	10 36	1 28	15 55	3 57	22 11	22 18	21 23	17 12	4 18
F 12	17 45	25 6	2 0	21 55	2 5	24 27	1 20	13 3	1 37	13 58	1 1	15 44	2 38	12 33	0 45	10 36	1 28	15 55	3 57	22 11	22 17	21 22	17 11	4 18
S 13	18 1	24 53	3 8	21 24	1 48	24 32	1 22	13 3	1 33	14 2	1 1	15 43	2 38	12 33	0 45	10 35	1 28	15 55	3 57	22 11	22 17	21 20	17 11	4 18
S 14	18 16	23 3	4 4	20 50	1 30	24 37	1 25	13 2	1 29	14 6	1 1	15 42	2 38	12 33	0 45	10 35	1 28	15 55	3 57	22 11	22 16	21 19	17 10	4 18
M15	18 31	19 46	4 46	20 15	1 11	24 41	1 28	13 2	1 24	14 10	1 1	15 41	2 38	12 33	0 45	10 34	1 28	15 55	3 57	22 11	22 16	21 17	17 10	4 18
T 16	18 45	15 21	5 10	19 37	0 50	24 44	1 30	13 1	1 20	14 14	1 1	15 40	2 38	12 32	0 45	10 34	1 28	15 55	3 58	22 11	22 16	21 16	17 9	4 18
W17	18 59	10 9	5 15	18 59	0 30	24 46	1 33	13 1	1 16	14 17	1 1	15 39	2 37	12 32	0 44	10 33	1 28	15 55	3 58	22 11	22 15	21 15	17 8	4 19
T 18	19 13	4 28	5 1	18 21	0 9	24 48	1 35	13 1	1 12	14 21	1 1	15 38	2 37	12 32	0 44	10 33	1 28	15 55	3 58	22 11	22 15	21 13	17 8	4 19
F 19	19 27	1n23	4 31	17 45	0n11	24 49	1 38	13 2	1 7	14 25	1 1	15 36	2 37	12 32	0 44	10 32	1 28	15 55	3 58	22 11	22 15	21 12	17 7	4 19
S 20	19 40	7 5	3 45	17 11	0 30	24 49	1 40	13 2	1 3	14 29	1 1	15 35	2 37	12 31	0 44	10 32	1 28	15 55	3 58	22 10	22 14	21 10	17 6	4 19
S 21	19 53	12 23	2 48	16 40	0 48	24 48	1 42	13 3	0 59	14 33	1 1	15 34	2 37	12 31	0 44	10 31	1 28	15 56	3 58	22 10	22 14	21 9	17 6	4 19
M22	20 5	17 1	1 42	16 13	1 5	24 47	1 45	13 3	0 55	14 36	1 1	15 33	2 37	12 31	0 44	10 31	1 28	15 56	3 59	22 10	22 13	21 7	17 5	4 19
T 23	20 17	20 47	0 33	15 51	1 20	24 45	1 47	13 4	0 51	14 40	1 1	15 32	2 37	12 30	0 44	10 30	1 28	15 56	3 59	22 10	22 13	21 6	17 5	4 19
W24	20 29	23 27	0n37	15 33	1 33	24 42	1 49	13 6	0 47	14 44	1 1	15 31	2 37	12 30	0 44	10 30	1 28	15 56	3 59	22 10	22 13	21 4	17 4	4 19
T 25	20 41	24 56	1 44	15 21	1 45	24 39	1 51	13 7	0 43	14 48	1 1	15 30	2 37	12 30	0 44	10 29	1 28	15 56	3 59	22 10	22 12	21 3	17 3	4 20
F 26	20 52	25 11	2 45	15 13	1 54	24 35	1 53	13 8	0 39	14 51	1 1	15 29	2 37	12 29	0 44	10 29	1 28	15 56	3 59	22 10	22 12	21 1	17 3	4 20
S 27	21 2	24 15	3 38	15 10	2 2	24 30	1 55	13 10	0 35	14 55	1 1	15 28	2 37	12 29	0 44	10 29	1 28	15 56	3 59	22 10	22 12	21 0	17 2	4 20
S 28	21 13	22 13	4 21	15 11	2 8	24 25	1 57	13 12	0 31	14 59	1 1	15 27	2 37	12 29	0 44	10 28	1 28	15 56	4 0	22 10	22 11	20 58	17 2	4 20
M29	21 23	19 15	4 52	15 16	2 12	24 19	1 59	13 14	0 28	15 2	1 1	15 26	2 36	12 28	0 44	10 28	1 28	15 57	4 0	22 10	22 11	20 57	17 1	4 20
T 30	21s32	15n30	5n11	15s25	2n15	24s12	2s 1	13n17	0s24	15s 6	1n 1	15n25	2s36	12s28	0s44	10n27	1s28	15n57	4n 0	22n10	22n10	20n55	17n 0	4s20

Julian Day Number = 3064361.5, Delta T = 02h33m11s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'47, Lahiri = 47°22'47

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ASTRODIENST EPHEMERIS for the year 3677
geocentric

DECEMBER 3677 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 44 43	9♐33'50	14♍ 1	20♏52	17♑49	6°R44	14♏47	21°R15	28♒52	1°R18	27°R37	13°R10	13♊ 6	13♌34	6°R57	W 1
T 2	4 48 39	10°33'54	26°11	21°50	19° 1	6♉42	14°59	21♉10	28°53	1♉17	27♌37	13♊10	13° 3	13°40	6♊53	T 2
F 3	4 52 36	11°34'00	8♎36	22°53	20°13	6°41	15°12	21° 6	28°54	1°16	27°37	13° 9	12°59	13°47	6°50	F 3
S 4	4 56 32	12°34'07	21°21	24° 2	21°25	6°D41	15°24	21° 2	28°56	1°15	27°37	13° 9	12°56	13°54	6°47	S 4
S 5	5 0 29	13°34'17	4♏27	25°15	22°37	6°41	15°36	20°57	28°57	1°14	27°37	13°D 9	12°53	14° 0	6°44	S 5
M 6	5 4 25	14°34'29	17°57	26°32	23°48	6°42	15°48	20°53	28°58	1°12	27°36	13° 9	12°50	14° 7	6°41	M 6
T 7	5 8 22	15°34'42	1♐49	27°52	25° 0	6°45	16° 0	20°49	29° 0	1°11	27°36	13° 9	12°47	14°14	6°38	T 7
W 8	5 12 19	16°34'58	16° 2	29°15	26°12	6°47	16°12	20°45	29° 1	1°10	27°36	13°R10	12°44	14°20	6°35	W 8
T 9	5 16 15	17°35'15	0♑30	0♐40	27°24	6°51	16°24	20°41	29° 3	1° 9	27°36	13° 9	12°40	14°27	6°32	T 9
F 10	5 20 12	18°35'34	15° 9	2° 7	28°35	6°56	16°36	20°37	29° 5	1° 8	27°35	13° 9	12°37	14°34	6°29	F 10
S 11	5 24 8	19°35'54	29°50	3°35	29°47	7° 1	16°48	20°33	29° 6	1° 7	27°35	13° 8	12°34	14°41	6°26	S 11
S 12	5 28 5	20°36'15	14♒29	5° 5	0♒59	7° 7	17° 0	20°30	29° 8	1° 6	27°35	13° 7	12°31	14°47	6°23	S 12
M13	5 32 1	21°36'38	28°58	6°35	2°10	7°14	17°12	20°26	29°10	1° 5	27°34	13° 7	12°28	14°54	6°20	M13
T 14	5 35 58	22°37'01	13♓15	8° 7	3°21	7°21	17°24	20°22	29°12	1° 5	27°34	13° 6	12°25	15° 1	6°17	T 14
W15	5 39 54	23°37'26	27°16	9°39	4°33	7°29	17°35	20°19	29°14	1° 4	27°33	13°D 6	12°21	15° 7	6°14	W15
T 16	5 43 51	24°37'53	11♈ 1	11°12	5°44	7°38	17°47	20°15	29°16	1° 3	27°33	13° 6	12°18	15°14	6°11	T 16
F 17	5 47 48	25°38'20	24°29	12°45	6°55	7°48	17°58	20°12	29°18	1° 2	27°32	13° 7	12°15	15°21	6° 8	F 17
S 18	5 51 44	26°38'49	7♉42	14°19	8° 6	7°58	18°10	20° 8	29°20	1° 1	27°32	13° 9	12°12	15°28	6° 5	S 18
S 19	5 55 41	27°39'18	20°40	15°52	9°18	8° 9	18°21	20° 5	29°22	1° 0	27°31	13°10	12° 9	15°34	6° 2	S 19
M20	5 59 37	28°39'50	3♊25	17°26	10°29	8°20	18°32	20° 2	29°24	1° 0	27°31	13°11	12° 5	15°41	5°59	M20
T 21	6 3 34	29°40'22	15°59	19° 0	11°39	8°33	18°44	19°59	29°26	0°59	27°30	13°R11	12° 2	15°48	5°56	T 21
W22	6 7 30	0♑40'56	28°21	20°34	12°50	8°46	18°55	19°56	29°28	0°58	27°29	13°10	11°59	15°54	5°54	W22
T 23	6 11 27	1°41'31	10♋33	22° 8	14° 1	8°59	19° 6	19°53	29°30	0°58	27°29	13° 8	11°56	16° 1	5°51	T 23
F 24	6 15 23	2°42'07	22°38	23°43	15°12	9°13	19°17	19°50	29°33	0°57	27°28	13° 6	11°53	16° 8	5°48	F 24
S 25	6 19 20	3°42'45	4♌35	25°17	16°22	9°28	19°28	19°47	29°35	0°57	27°27	13° 3	11°50	16°14	5°45	S 25
S 26	6 23 17	4°43'24	16°28	26°51	17°33	9°43	19°39	19°45	29°37	0°56	27°27	12°59	11°46	16°21	5°43	S 26
M27	6 27 13	5°44'04	28°19	28°25	18°43	9°59	19°50	19°42	29°40	0°56	27°26	12°55	11°43	16°28	5°40	M27
T 28	6 31 10	6°44'46	10♍11	29°59	19°53	10°15	20° 0	19°39	29°42	0°55	27°25	12°52	11°40	16°35	5°38	T 28
W29	6 35 6	7°45'29	22° 8	1♑33	21° 3	10°32	20°11	19°37	29°45	0°55	27°24	12°50	11°37	16°41	5°35	W29
T 30	6 39 3	8°46'14	4♎14	3° 7	22°13	10°49	20°22	19°35	29°47	0°54	27°24	12°D49	11°34	16°48	5°33	T 30
F 31	6 42 59	9♑47'00	16♎35	4♑41	23♒23	11♉ 7	20♏32	19♉33	29♒50	0♉54	27♌23	12♊49	11♊31	16♌55	5♊30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s41	11n 7	5n17	15s37	2n17	24s 4	2s 2	13n19	0s20	15s 9	1n 1	15n24	2s36	12s27	0s44	10n27	1s28	15n57	4n 0	22n10	22n10	20n54	17n 0	4s20
T 2	21 50	6 14	5 9	15 51	2 17	23 56	2 4	13 22	0 17	15 13	1 1	15 23	2 36	12 27	0 44	10 27	1 28	15 57	4 0	22 10	22 10	20 52	16 59	4 20
F 3	21 58	1 1	4 47	16 8	2 16	23 47	2 6	13 25	0 13	15 16	1 1	15 22	2 36	12 26	0 44	10 26	1 28	15 57	4 1	22 10	22 9	20 51	16 59	4 20
S 4	22 6	4s23	4 10	16 26	2 14	23 38	2 7	13 28	0 10	15 20	1 1	15 21	2 36	12 26	0 44	10 26	1 28	15 58	4 1	22 10	22 9	20 49	16 58	4 20
S 5	22 13	9 46	3 19	16 46	2 12	23 28	2 8	13 31	0 7	15 23	1 1	15 20	2 36	12 25	0 44	10 25	1 28	15 58	4 1	22 10	22 8	20 48	16 58	4 20
M 6	22 20	14 51	2 15	17 7	2 8	23 17	2 10	13 35	0 4	15 27	1 1	15 19	2 36	12 25	0 44	10 25	1 28	15 58	4 1	22 10	22 8	20 46	16 57	4 20
T 7	22 27	19 19	1 3	17 29	2 4	23 5	2 11	13 38	0 0	15 30	1 1	15 18	2 35	12 24	0 44	10 25	1 28	15 58	4 1	22 10	22 8	20 44	16 56	4 20
W 8	22 33	22 46	0s16	17 52	2 0	22 53	2 12	13 42	0n 3	15 33	1 1	15 17	2 35	12 24	0 44	10 24	1 28	15 59	4 1	22 10	22 7	20 43	16 56	4 20
T 9	22 39	24 48	1 35	18 14	1 55	22 40	2 13	13 46	0 6	15 37	1 2	15 16	2 35	12 23	0 44	10 24	1 28	15 59	4 2	22 10	22 7	20 41	16 55	4 21
F 10	22 44	25 10	2 48	18 37	1 49	22 27	2 14	13 51	0 9	15 40	1 2	15 15	2 35	12 22	0 44	10 24	1 28	15 59	4 2	22 10	22 6	20 40	16 55	4 21
S 11	22 49	23 46	3 51	19 0	1 43	22 13	2 15	13 55	0 12	15 43	1 2	15 14	2 35	12 22	0 44	10 23	1 28	15 59	4 2	22 10	22 6	20 38	16 54	4 21
S 12	22 54	20 47	4 38	19 22	1 37	21 58	2 16	14 0	0 15	15 46	1 2	15 14	2 35	12 21	0 44	10 23	1 27	16 0	4 2	22 10	22 6	20 37	16 54	4 21
M13	22 58	16 32	5 7	19 44	1 30	21 43	2 17	14 4	0 17	15 50	1 2	15 13	2 34	12 21	0 44	10 23	1 27	16 0	4 2	22 10	22 5	20 35	16 53	4 21
T 14	23 1	11 24	5 17	20 5	1 24	21 27	2 17	14 9	0 20	15 53	1 2	15 12	2 34	12 20	0 44	10 23	1 27	16 0	4 2	22 10	22 5	20 33	16 53	4 21
W15	23 4	5 47	5 7	20 26	1 17	21 11	2 18	14 15	0 23	15 56	1 2	15 11	2 34	12 19	0 44	10 22	1 27	16 1	4 3	22 10	22 4	20 32	16 52	4 21
T 16	23 7	0n 1	4 40	20 46	1 10	20 54	2 18	14 20	0 25	15 59	1 2	15 11	2 34	12 18	0 44	10 22	1 27	16 1	4 3	22 10	22 4	20 30	16 52	4 21
F 17	23 9	5 43	3 58	21 5	1 3	20 36	2 18	14 25	0 28	16 2	1 2	15 10	2 34	12 18	0 43	10 22	1 27	16 1	4 3	22 10	22 4	20 29	16 51	4 21
S 18	23 11	11 3	3 4	21 24	0 56	20 18	2 19	14 31	0 30	16 5	1 2	15 9	2 33	12 17	0 43	10 22	1 27	16 2	4 3	22 10	22 3	20 27	16 51	4 21
S 19	23 12	15 48	2 1	21 41	0 48	20 0	2 19	14 37	0 33	16 8	1 2	15 9	2 33	12 16	0 43	10 21	1 27	16 2	4 3	22 10	22 3	20 25	16 50	4 21
M20	23 13	19 46	0 54	21 57	0 41	19 41	2 19	14 43	0 35	16 11	1 2	15 8	2 33	12 16	0 43	10 21	1 27	16 2	4 3	22 11	22 2	20 24	16 50	4 21
T 21	23 13	22 45	0n15	22 13	0 34	19 21	2 19	14 49	0 37	16 14	1 2	15 7	2 33	12 15	0 43	10 21	1 27	16 3	4 4	22 11	22 2	20 22	16 50	4 21
W22	23 13	24 36	1 23	22 27	0 26	19 1	2 18	14 55	0 39	16 17	1 3	15 7	2 33	12 14	0 43	10 21	1 27	16 3	4 4	22 11	22 1	20 20	16 49	4 20
T 23	23 13	25 13	2 25	22 40	0 19	18 41	2 18	15 1	0 42	16 20	1 3	15 6	2 32	12 13	0 43	10 21	1 27	16 3	4 4	22 10	22 1	20 19	16 49	4 20
F 24	23 12	24 39	3 21	22 53	0 12	18 20	2 18	15 8	0 44	16 23	1 3	15 6	2 32	12 12	0 43	10 20	1 27	16 4	4 4	22 10	22 1	20 17	16 48	4 20
S 25	23 10	22 56	4 6	23 4	0 5	17 58	2 17	15 14	0 46	16 26	1 3	15 5	2 32	12 12	0 43	10 20	1 27	16 4	4 4	22 10	22 0	20 15	16 48	4 20
S 26	23 8	20 14	4 41	23 13	0s 2	17 36	2 16	15 21	0 48	16 29	1 3	15 5	2 32	12 11	0 43	10 20	1 27	16 5	4 4	22 9	22 0	20 14	16 47	4 20
M27	23 6	16 42	5 4	23 22	0 9	17 14	2 16	15 28	0 50	16 31	1 3	15 4	2 31	12 10	0 43	10 20	1 27	16 5	4 4	22 9	21 59	20 12	16 47	4 20
T 28	23 3	12 32	5 14	23 30	0 16	16 51	2 15	15 34	0 51	16 34	1 3	15 4	2 31	12 9	0 43	10 20	1 27	16 5	4 5	22 8	21 59	20 10	16 47	4 20
W29	23 0	7 51	5 10	23 36	0 23	16 28	2 14	15 41	0 53	16 37	1 3	15 3	2 31	12 8	0 43	10 20	1 27	16 6	4 5	22 8	21 59	20 9	16 46	4 20
T 30	22 56	2 49	4 52	23 41	0 30	16 4	2 13	15 49	0 55	16 40	1 3	15 3	2 31	12 7	0 43	10 20	1 27	16 6	4 5	22 8	21 58	20 7	16 46	4 20
F 31	22s52	2s26	4n21	23s45	0s36	15s40	2s12	15n56	0n57	16s42	1n 3	15n 3	2s30	12s 6	0s43	10n20	1s27	16n 7	4n 5	22n 8	21n58	20n 5	16n46	4s20

Julian Day Number = 3064391.5, Delta T = 02h33m12s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'51, Lahiri = 47°22'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3678
geocentric

JANUARY 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 46 56	10♑47'47	29♎14	6♑15	24♒33	11♉25	20♏43	19°R31	29♒52	0°R54	27°R22	12♊50	11♊27	17♌ 1	5°R28	S 1
S 2	6 50 53	11°48'36	12♏15	7°49	25°43	11°44	20°53	19♉29	29°55	0♉53	27♌21	12°51	11°24	17° 8	5♊25	S 2
M 3	6 54 49	12°49'26	25°43	9°23	26°53	12° 3	21° 3	19°27	29°57	0°53	27°20	12°53	11°21	17°15	5°23	M 3
T 4	6 58 46	13°50'17	9♐38	10°57	28° 2	12°23	21°13	19°25	0♓ 0	0°53	27°19	12°R54	11°18	17°22	5°21	T 4
W 5	7 2 42	14°51'09	23°59	12°31	29°12	12°43	21°23	19°23	0° 3	0°53	27°18	12°53	11°15	17°28	5°18	W 5
T 6	7 6 39	15°52'03	8♑43	14° 5	0♓21	13° 4	21°33	19°22	0° 6	0°52	27°18	12°51	11°11	17°35	5°16	T 6
F 7	7 10 35	16°52'57	23°44	15°40	1°30	13°25	21°43	19°20	0° 8	0°52	27°17	12°48	11° 8	17°42	5°14	F 7
S 8	7 14 32	17°53'53	8♒52	17°14	2°39	13°47	21°53	19°19	0°11	0°52	27°16	12°43	11° 5	17°48	5°12	S 8
S 9	7 18 28	18°54'49	23°57	18°48	3°48	14° 9	22° 2	19°17	0°14	0°52	27°15	12°37	11° 2	17°55	5°10	S 9
M10	7 22 25	19°55'45	8♓50	20°23	4°56	14°31	22°12	19°16	0°17	0°D52	27°14	12°32	10°59	18° 2	5° 8	M10
T 11	7 26 22	20°56'42	23°23	21°57	6° 5	14°54	22°21	19°15	0°20	0°52	27°13	12°27	10°56	18° 9	5° 6	T 11
W12	7 30 18	21°57'39	7♈34	23°32	7°13	15°17	22°31	19°14	0°23	0°52	27°12	12°25	10°52	18°15	5° 4	W12
T 13	7 34 15	22°58'37	21°20	25° 7	8°22	15°41	22°40	19°13	0°26	0°52	27°10	12°D24	10°49	18°22	5° 2	T 13
F 14	7 38 11	23°59'35	4♉42	26°42	9°30	16° 4	22°49	19°13	0°29	0°52	27° 9	12°24	10°46	18°29	5° 1	F 14
S 15	7 42 8	25° 0'33	17°43	28°17	10°37	16°29	22°58	19°12	0°32	0°53	27° 8	12°26	10°43	18°35	4°59	S 15
S 16	7 46 4	26° 1'32	0♊25	29°53	11°45	16°53	23° 7	19°12	0°35	0°53	27° 7	12°27	10°40	18°42	4°57	S 16
M17	7 50 1	27° 2'31	12°53	1♒28	12°52	17°18	23°15	19°11	0°38	0°53	27° 6	12°R28	10°37	18°49	4°55	M17
T 18	7 53 57	28° 3'30	25°10	3° 4	14° 0	17°44	23°24	19°11	0°41	0°53	27° 5	12°27	10°33	18°56	4°54	T 18
W19	7 57 54	29° 4'30	7♋18	4°40	15° 7	18° 9	23°33	19°11	0°44	0°53	27° 4	12°24	10°30	19° 2	4°52	W19
T 20	8 1 51	0♒ 5'30	19°20	6°16	16°14	18°35	23°41	19°D11	0°47	0°54	27° 3	12°18	10°27	19° 9	4°51	T 20
F 21	8 5 47	1° 6'31	1♌16	7°52	17°20	19° 1	23°49	19°11	0°50	0°54	27° 1	12°10	10°24	19°16	4°50	F 21
S 22	8 9 44	2° 7'32	13°10	9°29	18°27	19°28	23°57	19°11	0°53	0°55	27° 0	12° 1	10°21	19°22	4°48	S 22
S 23	8 13 40	3° 8'33	25° 2	11° 6	19°33	19°54	24° 5	19°11	0°57	0°55	26°59	11°50	10°17	19°29	4°47	S 23
M24	8 17 37	4° 9'34	6♍54	12°43	20°39	20°21	24°13	19°11	1° 0	0°55	26°58	11°40	10°14	19°36	4°46	M24
T 25	8 21 33	5°10'36	18°48	14°20	21°44	20°49	24°21	19°12	1° 3	0°56	26°57	11°30	10°11	19°43	4°45	T 25
W26	8 25 30	6°11'39	0♎46	15°57	22°50	21°16	24°29	19°12	1° 6	0°56	26°55	11°22	10° 8	19°49	4°43	W26
T 27	8 29 26	7°12'42	12°52	17°34	23°55	21°44	24°36	19°13	1°10	0°57	26°54	11°17	10° 5	19°56	4°42	T 27
F 28	8 33 23	8°13'45	25° 9	19°12	24°59	22°12	24°44	19°14	1°13	0°58	26°53	11°14	10° 2	20° 3	4°41	F 28
S 29	8 37 20	9°14'48	7♏42	20°49	26° 4	22°40	24°51	19°15	1°16	0°58	26°52	11°D13	9°58	20° 9	4°41	S 29
S 30	8 41 16	10°15'52	20°36	22°26	27° 8	23° 9	24°58	19°16	1°20	0°59	26°50	11°13	9°55	20°16	4°40	S 30
M31	8 45 13	11♒16'57	3♐54	24♒ 3	28♓12	23♉38	25♏ 5	19♉17	1♓23	1♉ 0	26♌49	11♊14	9♊52	20♌23	4♊39	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s47	7s43	3n37	23s47	0s43	15s16	2s10	16n 3	0n58	16s45	1n 4	15n 2	2s30	12s 5	0s43	10n19	1s27	16n 7	4n 5	22n 8	21n57	20n 4	16n45	4s20
S 2	22 42	12 50	2 40	23 48	0 49	14 51	2 9	16 10	1 0	16 47	1 4	15 2	2 30	12 4	0 43	10 19	1 27	16 7	4 5	22 8	21 57	20 2	16 45	4 20
M 3	22 37	17 31	1 33	23 49	0 55	14 26	2 7	16 18	1 2	16 50	1 4	15 2	2 30	12 4	0 43	10 19	1 27	16 8	4 6	22 8	21 56	20 0	16 45	4 20
T 4	22 31	21 24	0 18	23 47	1 1	14 1	2 5	16 25	1 3	16 52	1 4	15 2	2 29	12 3	0 43	10 19	1 27	16 8	4 6	22 8	21 56	19 58	16 44	4 20
W 5	22 24	24 6	1s 0	23 45	1 7	13 35	2 4	16 33	1 5	16 55	1 4	15 1	2 29	12 2	0 43	10 19	1 27	16 9	4 6	22 8	21 55	19 57	16 44	4 20
T 6	22 17	25 12	2 16	23 41	1 12	13 9	2 2	16 40	1 6	16 57	1 4	15 1	2 29	12 1	0 43	10 19	1 26	16 9	4 6	22 8	21 55	19 55	16 44	4 19
F 7	22 10	24 31	3 24	23 36	1 18	12 43	2 0	16 48	1 7	17 0	1 4	15 1	2 29	12 0	0 43	10 19	1 26	16 10	4 6	22 8	21 55	19 53	16 44	4 19
S 8	22 2	22 2	4 18	23 30	1 23	12 16	1 57	16 56	1 9	17 2	1 4	15 1	2 28	11 59	0 43	10 19	1 26	16 10	4 6	22 7	21 54	19 52	16 43	4 19
S 9	21 54	18 3	4 54	23 22	1 28	11 49	1 55	17 3	1 10	17 4	1 4	15 1	2 28	11 58	0 43	10 19	1 26	16 11	4 6	22 6	21 54	19 50	16 43	4 19
M10	21 46	12 59	5 10	23 13	1 33	11 22	1 53	17 11	1 11	17 7	1 5	15 1	2 28	11 57	0 43	10 19	1 26	16 11	4 7	22 6	21 53	19 48	16 43	4 19
T 11	21 37	7 17	5 5	23 3	1 37	10 54	1 50	17 19	1 13	17 9	1 5	15 1	2 28	11 56	0 43	10 19	1 26	16 12	4 7	22 5	21 53	19 46	16 43	4 19
W12	21 27	1 20	4 41	22 52	1 42	10 27	1 47	17 27	1 14	17 11	1 5	15 1	2 27	11 55	0 43	10 19	1 26	16 12	4 7	22 5	21 52	19 44	16 42	4 19
T 13	21 17	4n30	4 2	22 39	1 46	9 59	1 45	17 35	1 15	17 13	1 5	15 1	2 27	11 53	0 43	10 20	1 26	16 13	4 7	22 5	21 52	19 43	16 42	4 19
F 14	21 7	9 59	3 10	22 25	1 49	9 31	1 42	17 43	1 16	17 16	1 5	15 1	2 27	11 52	0 43	10 20	1 26	16 13	4 7	22 5	21 52	19 41	16 42	4 19
S 15	20 56	14 53	2 10	22 10	1 53	9 2	1 39	17 51	1 17	17 18	1 5	15 1	2 26	11 51	0 43	10 20	1 26	16 14	4 7	22 5	21 51	19 39	16 42	4 18
S 16	20 45	19 0	1 5	21 53	1 56	8 34	1 35	17 59	1 18	17 20	1 5	15 1	2 26	11 50	0 43	10 20	1 26	16 14	4 7	22 5	21 51	19 37	16 42	4 18
M17	20 34	22 11	0n 2	21 36	1 59	8 5	1 32	18 7	1 19	17 22	1 6	15 1	2 26	11 49	0 43	10 20	1 26	16 15	4 7	22 5	21 50	19 36	16 42	4 18
T 18	20 22	24 16	1 8	21 17	2 2	7 36	1 28	18 15	1 20	17 24	1 6	15 2	2 26	11 48	0 43	10 20	1 26	16 15	4 8	22 5	21 50	19 34	16 41	4 18
W19	20 10	25 11	2 10	20 56	2 4	7 7	1 25	18 23	1 21	17 26	1 6	15 2	2 25	11 47	0 43	10 20	1 26	16 16	4 8	22 5	21 49	19 32	16 41	4 18
T 20	19 57	24 54	3 5	20 35	2 6	6 38	1 21	18 31	1 22	17 28	1 6	15 2	2 25	11 46	0 43	10 20	1 26	16 16	4 8	22 4	21 49	19 30	16 41	4 18
F 21	19 44	23 28	3 52	20 12	2 8	6 9	1 17	18 39	1 23	17 30	1 6	15 2	2 25	11 45	0 43	10 21	1 26	16 17	4 8	22 3	21 48	19 28	16 41	4 18
S 22	19 31	21 0	4 28	19 48	2 9	5 39	1 13	18 47	1 24	17 31	1 6	15 3	2 24	11 44	0 43	10 21	1 26	16 17	4 8	22 2	21 48	19 27	16 41	4 17
S 23	19 17	17 39	4 52	19 22	2 10	5 10	1 9	18 55	1 25	17 33	1 6	15 3	2 24	11 42	0 43	10 21	1 26	16 18	4 8	22 0	21 47	19 25	16 41	4 17
M24	19 3	13 37	5 4	18 56	2 11	4 40	1 5	19 3	1 26	17 35	1 7	15 3	2 24	11 41	0 43	10 21	1 26	16 18	4 8	21 59	21 47	19 23	16 41	4 17
T 25	18 48	9 3	5 3	18 28	2 11	4 11	1 1	19 11	1 26	17 37	1 7	15 4	2 24	11 40	0 43	10 21	1 26	16 19	4 8	21 58	21 47	19 21	16 41	4 17
W26	18 33	4 7	4 48	17 59	2 10	3 41	0 56	19 19	1 27	17 38	1 7	15 4	2 23	11 39	0 43	10 22	1 26	16 19	4 9	21 57	21 46	19 19	16 41	4 17
T 27	18 18	1s 2	4 21	17 29	2 10	3 11	0 51	19 27	1 28	17 40	1 7	15 5	2 23	11 38	0 43	10 22	1 26	16 20	4 9	21 56	21 46	19 17	16 41	4 17
F 28	18 3	6 13	3 41	16 58	2 8	2 41	0 47	19 35	1 29	17 42	1 7	15 5	2 23	11 37	0 43	10 22	1 25	16 20	4 9	21 55	21 45	19 15	16 41	4 16
S 29	17 47	11 17	2 49	16 26	2 7	2 11	0 42	19 43	1 29	17 43	1 7	15 6	2 22	11 35	0 43	10 22	1 25	16 21	4 9	21 55	21 45	19 14	16 41	4 16
S 30	17 31	16 0	1 48	15 52	2 4	1 41	0 37	19 51	1 30	17 45	1 7	15 6	2 22	11 34	0 43	10 23	1 25	16 21	4 9	21 55	21 44	19 12	16 41	4 16
M31	17s14	20s 6	0n39	15s18	2s 1	1s11	0s32	19n59	1n31	17s46	1n 8	15n 7	2s22	11s33	0s43	10n23	1s25	16n22	4n 9	21n55	21n44	19n10	16n41	4s16

Julian Day Number = 3064422.5, Delta T = 02h33m13s
Ecliptic obliquity = 23°13'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°15'55, Lahiri = 47°22'56

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

FEBRUARY 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 49 9	12♒18'02	17♐39	25♒40	29♓16	24♉ 7	25♏12	19♉18	1♓26	1♉ 0	26°R48	11°R14	9♊49	20♌30	4°R38	T 1
W 2	8 53 6	13°19'07	1♑54	27°16	0♈19	24°36	25°18	19°20	1°30	1° 1	26♌46	11♊12	9°46	20°36	4♊38	W 2
T 3	8 57 2	14°20'12	16°36	28°51	1°22	25° 5	25°25	19°21	1°33	1° 2	26°45	11° 8	9°43	20°43	4°37	T 3
F 4	9 0 59	15°21'17	1♒41	0♓26	2°25	25°35	25°31	19°23	1°37	1° 3	26°44	11° 1	9°39	20°50	4°36	F 4
S 5	9 4 56	16°22'22	16°59	2° 0	3°27	26° 5	25°37	19°24	1°40	1° 4	26°42	10°51	9°36	20°56	4°36	S 5
S 6	9 8 52	17°23'27	2♓20	3°32	4°29	26°35	25°44	19°26	1°43	1° 4	26°41	10°41	9°33	21° 3	4°36	S 6
M 7	9 12 49	18°24'32	17°32	5° 3	5°31	27° 5	25°49	19°28	1°47	1° 5	26°40	10°31	9°30	21°10	4°35	M 7
T 8	9 16 45	19°25'36	2♈24	6°31	6°32	27°36	25°55	19°30	1°50	1° 6	26°38	10°22	9°27	21°17	4°35	T 8
W 9	9 20 42	20°26'40	16°50	7°57	7°33	28° 6	26° 1	19°32	1°54	1° 7	26°37	10°15	9°23	21°23	4°35	W 9
T 10	9 24 38	21°27'43	0♉47	9°21	8°33	28°37	26° 6	19°34	1°57	1° 8	26°36	10°11	9°20	21°30	4°35	T 10
F 11	9 28 35	22°28'45	14°14	10°41	9°33	29° 8	26°12	19°36	2° 1	1° 9	26°34	10° 9	9°17	21°37	4°35	F 11
S 12	9 32 31	23°29'47	27°15	11°56	10°32	29°39	26°17	19°39	2° 4	1°11	26°33	10°D 9	9°14	21°43	4°D35	S 12
S 13	9 36 28	24°30'48	9♊53	13° 7	11°31	0♊11	26°22	19°41	2° 8	1°12	26°32	10°R 9	9°11	21°50	4°35	S 13
M14	9 40 25	25°31'49	22°14	14°13	12°30	0°42	26°27	19°44	2°11	1°13	26°30	10° 9	9° 8	21°57	4°35	M14
T 15	9 44 21	26°32'49	4♋22	15°12	13°28	1°14	26°31	19°47	2°15	1°14	26°29	10° 6	9° 4	22° 4	4°35	T 15
W16	9 48 18	27°33'48	16°22	16° 4	14°25	1°46	26°36	19°50	2°18	1°15	26°28	10° 1	9° 1	22°10	4°35	W16
T 17	9 52 14	28°34'46	28°16	16°48	15°22	2°17	26°40	19°52	2°22	1°16	26°26	9°53	8°58	22°17	4°36	T 17
F 18	9 56 11	29°35'44	10♌ 8	17°23	16°18	2°50	26°44	19°55	2°25	1°18	26°25	9°42	8°55	22°24	4°36	F 18
S 19	10 0 7	0♓36'41	21°59	17°49	17°14	3°22	26°48	19°59	2°29	1°19	26°24	9°28	8°52	22°30	4°36	S 19
S 20	10 4 4	1°37'37	3♍52	18° 4	18° 9	3°54	26°52	20° 2	2°32	1°20	26°22	9°13	8°49	22°37	4°37	S 20
M21	10 8 0	2°38'32	15°48	18°R 8	19° 3	4°26	26°55	20° 5	2°36	1°22	26°21	8°58	8°45	22°44	4°37	M21
T 22	10 11 57	3°39'27	27°47	18° 0	19°57	4°59	26°59	20° 8	2°39	1°23	26°20	8°45	8°42	22°51	4°38	T 22
W23	10 15 54	4°40'21	9♎52	17°42	20°50	5°32	27° 2	20°12	2°43	1°25	26°18	8°33	8°39	22°57	4°39	W23
T 24	10 19 50	5°41'14	22° 4	17°12	21°42	6° 5	27° 5	20°16	2°46	1°26	26°17	8°24	8°36	23° 4	4°40	T 24
F 25	10 23 47	6°42'07	4♏25	16°31	22°33	6°38	27° 8	20°19	2°50	1°27	26°16	8°18	8°33	23°11	4°40	F 25
S 26	10 27 43	7°42'59	16°59	15°41	23°24	7°11	27°11	20°23	2°54	1°29	26°14	8°15	8°29	23°17	4°41	S 26
S 27	10 31 40	8°43'51	29°49	14°43	24°14	7°44	27°13	20°27	2°57	1°30	26°13	8°14	8°26	23°24	4°42	S 27
M28	10 35 36	9♓44'42	13♐ 0	13♓37	25♈ 3	8♊17	27♏16	20♉31	3♓ 1	1♉32	26♌12	8♊14	8♊23	23♌31	4♊43	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s57	23s14	0s34	14s42	1s58	0s42	0s26	20n 6	1n31	17s48	1n 8	15n 7	2s22	11s32	0s43	10n23	1s25	16n23	4n 9	21n55	21n43	19n 8	16n41	4s16
W 2	16 40	25 1	1 48	14 6	1 54	0 12	0 21	20 14	1 32	17 49	1 8	15 8	2 21	11 31	0 43	10 23	1 25	16 23	4 9	21 55	21 43	19 6	16 41	4 16
T 3	16 23	25 7	2 57	13 28	1 49	0n18	0 15	20 22	1 32	17 50	1 8	15 9	2 21	11 29	0 43	10 24	1 25	16 24	4 9	21 55	21 42	19 4	16 41	4 15
F 4	16 5	23 25	3 55	12 50	1 44	0 48	0 10	20 29	1 33	17 52	1 8	15 9	2 21	11 28	0 43	10 24	1 25	16 24	4 9	21 54	21 42	19 2	16 41	4 15
S 5	15 47	20 0	4 37	12 11	1 37	1 18	0 4	20 37	1 33	17 53	1 8	15 10	2 20	11 27	0 43	10 24	1 25	16 25	4 10	21 52	21 41	19 0	16 41	4 15
S 6	15 29	15 12	4 59	11 32	1 31	1 48	0n 2	20 44	1 34	17 54	1 9	15 11	2 20	11 26	0 43	10 25	1 25	16 25	4 10	21 51	21 41	18 59	16 41	4 15
M 7	15 10	9 30	5 0	10 52	1 23	2 18	0 8	20 52	1 34	17 56	1 9	15 12	2 20	11 25	0 43	10 25	1 25	16 26	4 10	21 49	21 41	18 57	16 41	4 15
T 8	14 52	3 21	4 41	10 12	1 15	2 47	0 14	20 59	1 35	17 57	1 9	15 12	2 20	11 23	0 43	10 25	1 25	16 26	4 10	21 48	21 40	18 55	16 42	4 14
W 9	14 33	2n48	4 3	9 31	1 5	3 17	0 21	21 7	1 35	17 58	1 9	15 13	2 19	11 22	0 43	10 26	1 25	16 27	4 10	21 47	21 40	18 53	16 42	4 14
T 10	14 13	8 37	3 13	8 51	0 55	3 47	0 27	21 14	1 36	17 59	1 9	15 14	2 19	11 21	0 43	10 26	1 25	16 27	4 10	21 47	21 39	18 51	16 42	4 14
F 11	13 54	13 51	2 13	8 11	0 44	4 16	0 34	21 21	1 36	18 0	1 9	15 15	2 19	11 20	0 43	10 27	1 25	16 28	4 10	21 46	21 39	18 49	16 42	4 14
S 12	13 34	18 16	1 8	7 31	0 32	4 45	0 40	21 28	1 37	18 1	1 10	15 16	2 19	11 18	0 43	10 27	1 25	16 28	4 10	21 46	21 38	18 47	16 42	4 14
S 13	13 14	21 43	0 1	6 53	0 20	5 14	0 47	21 35	1 37	18 2	1 10	15 17	2 18	11 17	0 43	10 27	1 25	16 29	4 10	21 46	21 38	18 45	16 42	4 14
M14	12 54	24 3	1n 4	6 15	0 6	5 43	0 54	21 42	1 37	18 3	1 10	15 18	2 18	11 16	0 43	10 28	1 25	16 30	4 10	21 46	21 37	18 43	16 43	4 13
T 15	12 33	25 14	2 4	5 39	0n 8	6 12	1 1	21 49	1 38	18 4	1 10	15 19	2 18	11 15	0 43	10 28	1 25	16 30	4 10	21 46	21 37	18 41	16 43	4 13
W16	12 13	25 12	2 59	5 5	0 24	6 41	1 8	21 56	1 38	18 5	1 10	15 20	2 17	11 13	0 43	10 29	1 25	16 31	4 10	21 45	21 36	18 39	16 43	4 13
T 17	11 52	24 0	3 45	4 33	0 39	7 9	1 15	22 2	1 38	18 5	1 11	15 21	2 17	11 12	0 43	10 29	1 25	16 31	4 10	21 44	21 36	18 37	16 43	4 13
F 18	11 31	21 44	4 21	4 5	0 56	7 38	1 23	22 9	1 39	18 6	1 11	15 22	2 17	11 11	0 43	10 30	1 25	16 32	4 11	21 42	21 35	18 35	16 44	4 13
S 19	11 9	18 34	4 46	3 39	1 13	8 6	1 30	22 15	1 39	18 7	1 11	15 23	2 17	11 10	0 43	10 30	1 25	16 32	4 11	21 40	21 35	18 33	16 44	4 12
S 20	10 48	14 38	4 58	3 18	1 30	8 34	1 38	22 22	1 39	18 8	1 11	15 24	2 16	11 8	0 43	10 31	1 25	16 33	4 11	21 38	21 34	18 31	16 44	4 12
M21	10 26	10 7	4 57	3 0	1 47	9 2	1 46	22 28	1 39	18 8	1 11	15 25	2 16	11 7	0 43	10 31	1 25	16 33	4 11	21 36	21 34	18 29	16 44	4 12
T 22	10 5	5 12	4 43	2 47	2 4	9 29	1 53	22 34	1 40	18 9	1 11	15 26	2 16	11 6	0 43	10 32	1 24	16 34	4 11	21 34	21 33	18 27	16 45	4 12
W23	9 43	0 4	4 16	2 39	2 21	9 56	2 1	22 40	1 40	18 9	1 12	15 27	2 16	11 5	0 43	10 32	1 24	16 34	4 11	21 32	21 33	18 25	16 45	4 12
T 24	9 21	5s 9	3 38	2 36	2 36	10 23	2 9	22 46	1 40	18 10	1 12	15 29	2 15	11 3	0 43	10 33	1 24	16 35	4 11	21 31	21 32	18 23	16 45	4 11
F 25	8 58	10 14	2 48	2 39	2 51	10 50	2 18	22 52	1 40	18 10	1 12	15 30	2 15	11 2	0 43	10 33	1 24	16 35	4 11	21 30	21 32	18 21	16 46	4 11
S 26	8 36	15 0	1 50	2 46	3 4	11 16	2 26	22 58	1 40	18 11	1 12	15 31	2 15	11 1	0 43	10 34	1 24	16 36	4 11	21 29	21 31	18 19	16 46	4 11
S 27	8 13	19 13	0 44	2 58	3 15	11 43	2 34	23 4	1 41	18 11	1 12	15 32	2 15	11 0	0 43	10 34	1 24	16 36	4 11	21 29	21 31	18 17	16 46	4 11
M28	7s51	22s34	0s25	3s14	3n24	12n 8	2n43	23n 9	1n41	18s12	1n13	15n33	2s14	10s58	0s43	10n35	1s24	16n37	4n11	21n29	21n30	18n15	16n47	4s11

Julian Day Number = 3064453.5, Delta T = 02h33m14s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'00, Lahiri = 47°23'00

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

MARCH 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 39 33	10♓45'32	26♐35	12°R27	25♈52	8♊50	27♏18	20♉35	3♓ 4	1♉34	26°R10	8°R13	8♊20	23♌38	4♊44	T 1
W 2	10 43 29	11°46'22	10♑36	11♓15	26°39	9°24	27°20	20°39	3° 8	1°35	26♌ 9	8♊11	8°17	23°44	4°46	W 2
T 3	10 47 26	12°47'11	25° 3	10° 2	27°26	9°58	27°22	20°43	3°11	1°37	26° 8	8° 7	8°14	23°51	4°47	T 3
F 4	10 51 23	13°47'59	9♒55	8°50	28°11	10°31	27°24	20°48	3°15	1°38	26° 6	7°59	8°10	23°58	4°48	F 4
S 5	10 55 19	14°48'47	25° 3	7°42	28°56	11° 5	27°25	20°52	3°18	1°40	26° 5	7°49	8° 7	24° 4	4°49	S 5
S 6	10 59 16	15°49'33	10♓20	6°38	29°39	11°39	27°26	20°56	3°21	1°42	26° 4	7°38	8° 4	24°11	4°51	S 6
M 7	11 3 12	16°50'18	25°33	5°40	0♉22	12°13	27°27	21° 1	3°25	1°44	26° 3	7°26	8° 1	24°18	4°52	M 7
T 8	11 7 9	17°51'02	10♈31	4°50	1° 3	12°47	27°28	21° 6	3°28	1°45	26° 1	7°16	7°58	24°25	4°54	T 8
W 9	11 11 5	18°51'44	25° 6	4° 7	1°43	13°21	27°29	21°10	3°32	1°47	26° 0	7° 8	7°54	24°31	4°55	W 9
T 10	11 15 2	19°52'25	9♉13	3°32	2°22	13°55	27°29	21°15	3°35	1°49	25°59	7° 2	7°51	24°38	4°57	T 10
F 11	11 18 58	20°53'05	22°50	3° 4	2°59	14°30	27°30	21°20	3°39	1°51	25°58	7° 0	7°48	24°45	4°59	F 11
S 12	11 22 55	21°53'43	5♊58	2°45	3°36	15° 4	27°R30	21°25	3°42	1°52	25°56	6°D59	7°45	24°52	5° 1	S 12
S 13	11 26 51	22°54'20	18°41	2°34	4°11	15°39	27°30	21°30	3°45	1°54	25°55	6°R59	7°42	24°58	5° 2	S 13
M14	11 30 48	23°54'55	1♋ 4	2°D30	4°44	16°13	27°30	21°35	3°49	1°56	25°54	6°59	7°39	25° 5	5° 4	M14
T 15	11 34 45	24°55'28	13°11	2°33	5°16	16°48	27°29	21°40	3°52	1°58	25°53	6°57	7°35	25°12	5° 6	T 15
W16	11 38 41	25°56'00	25° 9	2°43	5°46	17°23	27°29	21°46	3°56	2° 0	25°52	6°53	7°32	25°18	5° 8	W16
T 17	11 42 38	26°56'30	7♌ 1	2°59	6°15	17°57	27°28	21°51	3°59	2° 2	25°51	6°47	7°29	25°25	5°10	T 17
F 18	11 46 34	27°56'59	18°51	3°21	6°42	18°32	27°27	21°56	4° 2	2° 4	25°50	6°37	7°26	25°32	5°12	F 18
S 19	11 50 31	28°57'26	0♍43	3°48	7° 8	19° 7	27°26	22° 2	4° 5	2° 6	25°48	6°26	7°23	25°39	5°15	S 19
S 20	11 54 27	29°57'51	12°39	4°20	7°31	19°42	27°24	22° 7	4° 9	2° 8	25°47	6°13	7°20	25°45	5°17	S 20
M21	11 58 24	0♈58'14	24°40	4°57	7°53	20°17	27°23	22°13	4°12	2°10	25°46	6° 0	7°16	25°52	5°19	M21
T 22	12 2 20	1°58'36	6♎49	5°38	8°13	20°52	27°21	22°19	4°15	2°12	25°45	5°48	7°13	25°59	5°21	T 22
W23	12 6 17	2°58'57	19° 5	6°23	8°31	21°27	27°19	22°24	4°18	2°14	25°44	5°38	7°10	26° 5	5°24	W23
T 24	12 10 14	3°59'16	1♏29	7°11	8°47	22° 2	27°17	22°30	4°22	2°16	25°43	5°30	7° 7	26°12	5°26	T 24
F 25	12 14 10	4°59'33	14° 4	8° 3	9° 0	22°38	27°14	22°36	4°25	2°18	25°42	5°26	7° 4	26°19	5°29	F 25
S 26	12 18 7	5°59'50	26°49	8°59	9°12	23°13	27°12	22°42	4°28	2°20	25°41	5°23	7° 0	26°26	5°31	S 26
S 27	12 22 3	7° 0'04	9♐48	9°57	9°21	23°48	27° 9	22°48	4°31	2°22	25°40	5°D23	6°57	26°32	5°34	S 27
M28	12 26 0	8° 0'18	23° 2	10°58	9°28	24°24	27° 6	22°54	4°34	2°24	25°39	5°24	6°54	26°39	5°36	M28
T 29	12 29 56	9° 0'30	6♑34	12° 1	9°33	24°59	27° 3	23° 0	4°37	2°26	25°38	5°R24	6°51	26°46	5°39	T 29
W30	12 33 53	10° 0'41	20°26	13° 7	9°R35	25°35	27° 0	23° 6	4°40	2°28	25°37	5°24	6°48	26°52	5°42	W30
T 31	12 37 49	11♈ 0'50	4♒39	14♓15	9♉35	26♊10	26♏57	23♉13	4♓43	2♉31	25♌36	5♊22	6♊45	26♌59	5♊45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s28	24s46	1s35	3s34	3n31	12n34	2n51	23n14	1n41	18s12	1n13	15n35	2s14	10s57	0s43	10n36	1s24	16n37	4n11	21n29	21n30	18n13	16n47	4s11
W 2	7 5	25 30	2 42	3 58	3 35	12 59	3 0	23 20	1 41	18 12	1 13	15 36	2 14	10 56	0 43	10 36	1 24	16 38	4 11	21 29	21 29	18 11	16 47	4 10
T 3	6 42	24 32	3 40	4 23	3 37	13 24	3 9	23 25	1 41	18 12	1 13	15 37	2 14	10 55	0 43	10 37	1 24	16 38	4 11	21 28	21 29	18 9	16 48	4 10
F 4	6 19	21 52	4 25	4 51	3 36	13 49	3 17	23 30	1 41	18 13	1 13	15 39	2 13	10 53	0 43	10 37	1 24	16 39	4 11	21 27	21 28	18 7	16 48	4 10
S 5	5 56	17 39	4 53	5 18	3 33	14 13	3 26	23 35	1 41	18 13	1 14	15 40	2 13	10 52	0 43	10 38	1 24	16 39	4 11	21 25	21 28	18 5	16 49	4 10
S 6	5 32	12 15	5 0	5 46	3 28	14 37	3 35	23 39	1 42	18 13	1 14	15 42	2 13	10 51	0 43	10 38	1 24	16 40	4 11	21 23	21 27	18 3	16 49	4 10
M 7	5 9	6 8	4 45	6 14	3 21	15 0	3 44	23 44	1 42	18 13	1 14	15 43	2 13	10 50	0 43	10 39	1 24	16 40	4 11	21 21	21 27	18 1	16 50	4 9
T 8	4 46	0n16	4 12	6 40	3 12	15 23	3 53	23 49	1 42	18 13	1 14	15 44	2 12	10 48	0 43	10 40	1 24	16 40	4 11	21 20	21 26	17 59	16 50	4 9
W 9	4 22	6 30	3 22	7 5	3 2	15 46	4 3	23 53	1 42	18 13	1 14	15 46	2 12	10 47	0 43	10 40	1 24	16 41	4 11	21 18	21 26	17 57	16 50	4 9
T 10	3 59	12 12	2 21	7 28	2 51	16 8	4 12	23 57	1 42	18 13	1 14	15 47	2 12	10 46	0 43	10 41	1 24	16 41	4 11	21 17	21 25	17 55	16 51	4 9
F 11	3 35	17 7	1 14	7 48	2 39	16 29	4 21	24 1	1 42	18 13	1 15	15 49	2 12	10 45	0 43	10 42	1 24	16 42	4 11	21 17	21 25	17 53	16 51	4 9
S 12	3 11	21 1	0 5	8 7	2 27	16 51	4 31	24 5	1 42	18 13	1 15	15 50	2 11	10 44	0 43	10 42	1 24	16 42	4 11	21 17	21 24	17 51	16 52	4 9
S 13	2 47	23 46	1n 2	8 23	2 14	17 11	4 40	24 9	1 42	18 12	1 15	15 52	2 11	10 42	0 43	10 43	1 24	16 43	4 12	21 17	21 24	17 49	16 52	4 8
M14	2 24	25 17	2 4	8 36	2 1	17 32	4 49	24 13	1 42	18 12	1 15	15 53	2 11	10 41	0 43	10 44	1 24	16 43	4 12	21 17	21 23	17 47	16 53	4 8
T 15	2 0	25 33	2 59	8 48	1 48	17 51	4 59	24 16	1 42	18 12	1 15	15 55	2 11	10 40	0 43	10 44	1 24	16 43	4 12	21 17	21 23	17 45	16 53	4 8
W16	1 36	24 37	3 46	8 57	1 34	18 10	5 8	24 20	1 42	18 12	1 16	15 56	2 11	10 39	0 43	10 45	1 24	16 44	4 12	21 16	21 22	17 42	16 54	4 8
T 17	1 12	22 35	4 22	9 3	1 21	18 29	5 18	24 23	1 42	18 11	1 16	15 58	2 10	10 38	0 43	10 46	1 24	16 44	4 12	21 15	21 22	17 40	16 54	4 8
F 18	0 48	19 36	4 47	9 8	1 8	18 47	5 27	24 26	1 42	18 11	1 16	15 59	2 10	10 36	0 43	10 46	1 24	16 45	4 12	21 13	21 21	17 38	16 55	4 8
S 19	0 25	15 48	5 0	9 10	0 55	19 4	5 36	24 29	1 42	18 10	1 16	16 1	2 10	10 35	0 43	10 47	1 24	16 45	4 12	21 11	21 21	17 36	16 55	4 7
S 20	0 1	11 22	5 0	9 10	0 43	19 21	5 46	24 32	1 42	18 10	1 16	16 3	2 10	10 34	0 43	10 48	1 24	16 45	4 12	21 9	21 20	17 34	16 56	4 7
M21	0n23	6 29	4 46	9 8	0 31	19 37	5 55	24 34	1 42	18 9	1 16	16 4	2 10	10 33	0 43	10 48	1 24	16 46	4 12	21 7	21 20	17 32	16 56	4 7
T 22	0 47	1 18	4 19	9 4	0 19	19 52	6 4	24 37	1 42	18 9	1 17	16 6	2 9	10 32	0 43	10 49	1 24	16 46	4 12	21 5	21 19	17 30	16 57	4 7
W23	1 11	4s 0	3 40	8 59	0 7	20 6	6 13	24 39	1 42	18 8	1 17	16 7	2 9	10 31	0 43	10 50	1 24	16 47	4 12	21 3	21 19	17 28	16 58	4 7
T 24	1 34	9 13	2 50	8 51	0s 4	20 20	6 22	24 41	1 42	18 8	1 17	16 9	2 9	10 29	0 43	10 50	1 24	16 47	4 12	21 2	21 18	17 25	16 58	4 7
F 25	1 58	14 9	1 51	8 42	0 15	20 33	6 31	24 43	1 42	18 7	1 17	16 11	2 9	10 28	0 43	10 51	1 24	16 47	4 12	21 1	21 18	17 23	16 59	4 7
S 26	2 22	18 32	0 46	8 31	0 25	20 45	6 40	24 45	1 42	18 6	1 17	16 12	2 9	10 27	0 43	10 52	1 24	16 48	4 12	21 1	21 17	17 21	16 59	4 6
S 27	2 45	22 7	0s24	8 19	0 35	20 56	6 49	24 46	1 42	18 5	1 17	16 14	2 8	10 26	0 43	10 53	1 24	16 48	4 12	21 0	21 17	17 19	17 0	4 6
M28	3 9	24 35	1 33	8 5	0 44	21 6	6 57	24 48	1 42	18 5	1 18	16 16	2 8	10 25	0 43	10 53	1 24	16 48	4 12	21 1	21 16	17 17	17 0	4 6
T 29	3 32	25 42	2 39	7 49	0 53	21 15	7 5	24 49	1 42	18 4	1 18	16 17	2 8	10 24	0 43	10 54	1 24	16 49	4 12	21 1	21 16	17 15	17 1	4 6
W30	3 56	25 16	3 37	7 32	1 2	21 23	7 13	24 51	1 41	18 3	1 18	16 19	2 8	10 23	0 43	10 55	1 24	16 49	4 12	21 1	21 15	17 12	17 2	4 6
T 31	4n19	23s12	4s23	7s14	1s10	21n30	7n20	24n52	1n41	18s 2	1n18	16n21	2s 8	10s22	0s43	10n56	1s24	16n49	4n12	21n 0	21n14	17n10	17n 2	4s 6

Julian Day Number = 3064481.5, Delta T = 02h33m14s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'03, Lahiri = 47°23'04

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

APRIL 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 41 46	12♈ 0'58	19♒10	15♓25	9°R33	26♊46	26°R53	23♉19	4♓46	2♉33	25°R36	5°R17	6♊41	27♌ 6	5♊47	F 1
S 2	12 45 43	13° 1'05	3♓56	16°37	9♉28	27°21	26♏50	23°25	4°49	2°35	25♌35	5♊10	6°38	27°13	5°50	S 2
S 3	12 49 39	14° 1'10	18°51	17°51	9°20	27°57	26°46	23°32	4°52	2°37	25°34	5° 2	6°35	27°19	5°53	S 3
M 4	12 53 36	15° 1'13	3♈46	19° 6	9°10	28°33	26°42	23°38	4°55	2°39	25°33	4°54	6°32	27°26	5°56	M 4
T 5	12 57 32	16° 1'14	18°31	20°24	8°58	29° 8	26°37	23°45	4°58	2°41	25°32	4°47	6°29	27°33	5°59	T 5
W 6	13 1 29	17° 1'14	3♉ 0	21°43	8°43	29°44	26°33	23°51	5° 1	2°44	25°32	4°41	6°26	27°40	6° 2	W 6
T 7	13 5 25	18° 1'12	17° 6	23° 4	8°26	0♋20	26°28	23°58	5° 4	2°46	25°31	4°38	6°22	27°46	6° 5	T 7
F 8	13 9 22	19° 1'08	0♊46	24°26	8° 6	0°56	26°24	24° 4	5° 6	2°48	25°30	4°D36	6°19	27°53	6° 9	F 8
S 9	13 13 18	20° 1'01	13°59	25°50	7°44	1°32	26°19	24°11	5° 9	2°50	25°29	4°36	6°16	28° 0	6°12	S 9
S 10	13 17 15	21° 0'53	26°48	27°15	7°20	2° 8	26°14	24°18	5°12	2°53	25°29	4°38	6°13	28° 6	6°15	S 10
M11	13 21 11	22° 0'43	9♋16	28°41	6°53	2°44	26° 9	24°25	5°15	2°55	25°28	4°39	6°10	28°13	6°18	M11
T 12	13 25 8	23° 0'31	21°27	0♈ 9	6°25	3°20	26° 3	24°31	5°17	2°57	25°27	4°R40	6° 6	28°20	6°21	T 12
W13	13 29 5	24° 0'16	3♌27	1°39	5°55	3°56	25°58	24°38	5°20	2°59	25°27	4°39	6° 3	28°27	6°25	W13
T 14	13 33 1	24°59'59	15°20	3° 9	5°23	4°32	25°52	24°45	5°22	3° 2	25°26	4°37	6° 0	28°33	6°28	T 14
F 15	13 36 58	25°59'40	27°12	4°41	4°50	5° 8	25°47	24°52	5°25	3° 4	25°26	4°33	5°57	28°40	6°32	F 15
S 16	13 40 54	26°59'19	9♍ 5	6°14	4°15	5°44	25°41	24°59	5°27	3° 6	25°25	4°28	5°54	28°47	6°35	S 16
S 17	13 44 51	27°58'56	21° 5	7°49	3°39	6°20	25°35	25° 6	5°30	3° 8	25°25	4°21	5°51	28°53	6°39	S 17
M18	13 48 47	28°58'31	3♎12	9°25	3° 2	6°56	25°29	25°13	5°32	3°11	25°24	4°15	5°47	29° 0	6°42	M18
T 19	13 52 44	29°58'04	15°30	11° 2	2°25	7°33	25°22	25°20	5°35	3°13	25°24	4° 8	5°44	29° 7	6°46	T 19
W20	13 56 40	0♉57'34	28° 0	12°41	1°47	8° 9	25°16	25°27	5°37	3°15	25°23	4° 3	5°41	29°14	6°49	W20
T 21	14 0 37	1°57'03	10♏41	14°20	1°10	8°45	25°10	25°35	5°39	3°17	25°23	4° 0	5°38	29°20	6°53	T 21
F 22	14 4 34	2°56'30	23°35	16° 2	0°32	9°21	25° 3	25°42	5°42	3°20	25°22	3°58	5°35	29°27	6°56	F 22
S 23	14 8 30	3°55'55	6♐41	17°44	29♈55	9°58	24°56	25°49	5°44	3°22	25°22	3°D57	5°31	29°34	7° 0	S 23
S 24	14 12 27	4°55'19	19°59	19°28	29°19	10°34	24°50	25°56	5°46	3°24	25°22	3°58	5°28	29°41	7° 4	S 24
M25	14 16 23	5°54'40	3♑30	21°13	28°43	11°10	24°43	26° 3	5°48	3°27	25°21	3°59	5°25	29°47	7° 8	M25
T 26	14 20 20	6°54'00	17°13	23° 0	28° 9	11°47	24°36	26°11	5°51	3°29	25°21	4° 1	5°22	29°54	7°11	T 26
W27	14 24 16	7°53'19	1♒ 8	24°48	27°36	12°23	24°29	26°18	5°53	3°31	25°21	4° 2	5°19	0♍ 1	7°15	W27
T 28	14 28 13	8°52'35	15°15	26°37	27° 4	12°59	24°22	26°25	5°55	3°33	25°20	4°R 2	5°16	0° 7	7°19	T 28
F 29	14 32 9	9°51'50	29°32	28°28	26°35	13°36	24°15	26°33	5°57	3°36	25°20	4° 1	5°12	0°14	7°23	F 29
S 30	14 36 6	10♉51'04	13♓56	0♉20	26♈ 7	14♋12	24♏ 7	26♉40	5♓59	3♉38	25♌20	3♊59	5♊ 9	0♍21	7♊27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n43	19s36	4s54	6s54	1s18	21n36	7n27	24n52	1n41	18s 1	1n18	16n23	2s 8	10s21	0s43	10n56	1s24	16n49	4n12	20n59	21n14	17n 8	17n 3	4s 6
S 2	5 6	14 44	5 6	6 33	1 25	21 41	7 34	24 53	1 41	18 0	1 18	16 24	2 7	10 20	0 43	10 57	1 23	16 50	4 12	20 58	21 13	17 6	17 3	4 5
S 3	5 29	8 56	4 57	6 11	1 32	21 45	7 40	24 54	1 41	17 59	1 19	16 26	2 7	10 19	0 43	10 58	1 23	16 50	4 12	20 57	21 13	17 4	17 4	4 5
M 4	5 52	2 38	4 28	5 48	1 39	21 47	7 46	24 54	1 41	17 58	1 19	16 28	2 7	10 18	0 43	10 59	1 23	16 50	4 12	20 55	21 12	17 2	17 5	4 5
T 5	6 15	3n46	3 42	5 23	1 45	21 48	7 52	24 54	1 41	17 57	1 19	16 29	2 7	10 17	0 43	10 59	1 23	16 50	4 12	20 54	21 12	16 59	17 5	4 5
W 6	6 38	9 52	2 42	4 57	1 51	21 48	7 57	24 54	1 41	17 56	1 19	16 31	2 7	10 16	0 43	11 0	1 23	16 51	4 11	20 53	21 11	16 57	17 6	4 5
T 7	7 0	15 18	1 33	4 30	1 56	21 46	8 1	24 54	1 41	17 55	1 19	16 33	2 7	10 15	0 43	11 1	1 23	16 51	4 11	20 52	21 11	16 55	17 6	4 5
F 8	7 23	19 47	0 21	4 3	2 1	21 43	8 4	24 54	1 40	17 53	1 19	16 35	2 6	10 14	0 43	11 2	1 23	16 51	4 11	20 52	21 10	16 53	17 7	4 5
S 9	7 45	23 7	0n51	3 34	2 5	21 38	8 7	24 53	1 40	17 52	1 19	16 36	2 6	10 13	0 43	11 2	1 23	16 51	4 11	20 52	21 10	16 51	17 8	4 5
S 10	8 8	25 8	1 57	3 4	2 9	21 32	8 9	24 53	1 40	17 51	1 19	16 38	2 6	10 12	0 43	11 3	1 23	16 52	4 11	20 52	21 9	16 48	17 8	4 5
M11	8 30	25 50	2 56	2 33	2 13	21 25	8 11	24 52	1 40	17 50	1 20	16 40	2 6	10 11	0 43	11 4	1 23	16 52	4 11	20 53	21 9	16 46	17 9	4 4
T 12	8 52	25 15	3 46	2 1	2 16	21 16	8 11	24 51	1 40	17 48	1 20	16 42	2 6	10 10	0 43	11 5	1 23	16 52	4 11	20 53	21 8	16 44	17 10	4 4
W13	9 14	23 31	4 25	1 28	2 18	21 5	8 11	24 50	1 40	17 47	1 20	16 43	2 6	10 9	0 43	11 5	1 23	16 52	4 11	20 53	21 7	16 42	17 10	4 4
T 14	9 36	20 45	4 53	0 55	2 20	20 53	8 10	24 48	1 40	17 45	1 20	16 45	2 6	10 8	0 43	11 6	1 23	16 52	4 11	20 52	21 7	16 39	17 11	4 4
F 15	9 57	17 9	5 7	0 20	2 22	20 40	8 8	24 47	1 39	17 44	1 20	16 47	2 5	10 7	0 43	11 7	1 23	16 53	4 11	20 52	21 6	16 37	17 12	4 4
S 16	10 19	12 52	5 9	0n15	2 24	20 25	8 5	24 45	1 39	17 43	1 20	16 49	2 5	10 6	0 43	11 8	1 23	16 53	4 11	20 51	21 6	16 35	17 12	4 4
S 17	10 40	8 4	4 57	0 52	2 24	20 9	8 1	24 43	1 39	17 41	1 20	16 51	2 5	10 5	0 43	11 8	1 23	16 53	4 11	20 49	21 5	16 33	17 13	4 4
M18	11 1	2 54	4 32	1 29	2 25	19 52	7 57	24 41	1 39	17 40	1 20	16 52	2 5	10 4	0 44	11 9	1 23	16 53	4 11	20 48	21 5	16 30	17 14	4 4
T 19	11 22	2s27	3 53	2 6	2 25	19 34	7 51	24 39	1 39	17 38	1 20	16 54	2 5	10 4	0 44	11 10	1 23	16 53	4 11	20 47	21 4	16 28	17 14	4 4
W20	11 42	7 48	3 3	2 45	2 24	19 15	7 44	24 37	1 38	17 36	1 20	16 56	2 5	10 3	0 44	11 11	1 23	16 53	4 11	20 46	21 4	16 26	17 15	4 4
T 21	12 3	12 56	2 4	3 24	2 23	18 54	7 37	24 34	1 38	17 35	1 21	16 58	2 5	10 2	0 44	11 11	1 23	16 53	4 11	20 45	21 3	16 24	17 16	4 4
F 22	12 23	17 35	0 56	4 4	2 22	18 33	7 29	24 32	1 38	17 33	1 21	16 59	2 5	10 1	0 44	11 12	1 23	16 53	4 11	20 45	21 3	16 21	17 16	4 4
S 23	12 43	21 29	0s15	4 44	2 20	18 12	7 20	24 29	1 38	17 32	1 21	17 1	2 5	10 0	0 44	11 13	1 23	16 54	4 11	20 45	21 2	16 19	17 17	4 4
S 24	13 3	24 17	1 27	5 26	2 17	17 50	7 10	24 26	1 38	17 30	1 21	17 3	2 4	10 0	0 44	11 14	1 23	16 54	4 11	20 45	21 1	16 17	17 17	4 3
M25	13 22	25 45	2 35	6 7	2 15	17 27	6 59	24 23	1 37	17 28	1 21	17 5	2 4	9 59	0 44	11 15	1 23	16 54	4 11	20 45	21 1	16 14	17 18	4 3
T 26	13 42	25 41	3 35	6 50	2 11	17 4	6 48	24 19	1 37	17 27	1 21	17 7	2 4	9 58	0 44	11 15	1 23	16 54	4 11	20 46	21 0	16 12	17 19	4 3
W27	14 1	24 1	4 24	7 32	2 7	16 41	6 36	24 16	1 37	17 25	1 21	17 8	2 4	9 57	0 44	11 16	1 23	16 54	4 11	20 46	21 0	16 10	17 19	4 3
T 28	14 20	20 51	4 57	8 16	2 3	16 18	6 24	24 12	1 37	17 23	1 21	17 10	2 4	9 57	0 44	11 17	1 23	16 54	4 11	20 46	20 59	16 8	17 20	4 3
F 29	14 38	16 25	5 13	8 59	1 58	15 56	6 11	24 8	1 37	17 21	1 21	17 12	2 4	9 56	0 44	11 18	1 23	16 54	4 11	20 46	20 59	16 5	17 21	4 3
S 30	14n57	11s 1	5s 9	9n43	1s53	15n33	5n58	24n 4	1n36	17s19	1n21	17n14	2s 4	9s55	0s44	11n18	1s23	16n54	4n11	20n45	20n58	16n 3	17n21	4s 3

Julian Day Number = 3064512.5, Delta T = 02h33m15s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'08, Lahiri = 47°23'08

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

MAY 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 40 3	11♉50'15	28♓24	2♉14	25°R41	14♋49	24°R 0	26♉47	6♓ 1	3♉40	25°R20	3°R56	5♊ 6	0♍28	7♊31	S 1
M 2	14 43 59	12°49'25	12♈50	4° 9	25♈17	15°25	23♏53	26°55	6° 2	3°42	25♌20	3♊53	5° 3	0°34	7°35	M 2
T 3	14 47 56	13°48'33	27°10	6° 5	24°56	16° 2	23°45	27° 2	6° 4	3°45	25°20	3°50	5° 0	0°41	7°38	T 3
W 4	14 51 52	14°47'39	11♉17	8° 3	24°36	16°38	23°38	27°10	6° 6	3°47	25°19	3°48	4°57	0°48	7°42	W 4
T 5	14 55 49	15°46'44	25° 7	10° 2	24°19	17°15	23°30	27°17	6° 8	3°49	25°19	3°47	4°53	0°54	7°46	T 5
F 6	14 59 45	16°45'46	8♊38	12° 3	24° 5	17°51	23°23	27°25	6°10	3°51	25°19	3°D47	4°50	1° 1	7°50	F 6
S 7	15 3 42	17°44'47	21°47	14° 4	23°53	18°28	23°15	27°32	6°11	3°54	25°D19	3°48	4°47	1° 8	7°54	S 7
S 8	15 7 38	18°43'45	4♋36	16° 7	23°43	19° 5	23° 7	27°40	6°13	3°56	25°19	3°49	4°44	1°15	7°59	S 8
M 9	15 11 35	19°42'41	17° 6	18°11	23°36	19°41	23° 0	27°47	6°14	3°58	25°19	3°50	4°41	1°21	8° 3	M 9
T 10	15 15 32	20°41'35	29°20	20°16	23°31	20°18	22°52	27°55	6°16	4° 0	25°19	3°51	4°37	1°28	8° 7	T 10
W11	15 19 28	21°40'27	11♌23	22°22	23°D29	20°54	22°44	28° 2	6°17	4° 2	25°20	3°52	4°34	1°35	8°11	W11
T 12	15 23 25	22°39'17	23°18	24°29	23°29	21°31	22°37	28°10	6°19	4° 5	25°20	3°R52	4°31	1°42	8°15	T 12
F 13	15 27 21	23°38'04	5♍11	26°36	23°31	22° 8	22°29	28°18	6°20	4° 7	25°20	3°52	4°28	1°48	8°19	F 13
S 14	15 31 18	24°36'49	17° 6	28°43	23°36	22°44	22°21	28°25	6°21	4° 9	25°20	3°51	4°25	1°55	8°23	S 14
S 15	15 35 14	25°35'33	29° 7	0♊51	23°43	23°21	22°14	28°33	6°23	4°11	25°20	3°50	4°22	2° 2	8°27	S 15
M16	15 39 11	26°34'14	11♎19	2°58	23°52	23°58	22° 6	28°40	6°24	4°13	25°20	3°49	4°18	2° 8	8°31	M16
T 17	15 43 7	27°32'53	23°44	5° 4	24° 4	24°34	21°58	28°48	6°25	4°15	25°21	3°48	4°15	2°15	8°36	T 17
W18	15 47 4	28°31'30	6♏24	7°10	24°17	25°11	21°51	28°55	6°26	4°17	25°21	3°48	4°12	2°22	8°40	W18
T 19	15 51 1	29°30'05	19°22	9°15	24°32	25°48	21°43	29° 3	6°27	4°20	25°21	3°47	4° 9	2°29	8°44	T 19
F 20	15 54 57	0♊28'38	2♐36	11°18	24°50	26°25	21°36	29°11	6°28	4°22	25°22	3°D47	4° 6	2°35	8°48	F 20
S 21	15 58 54	1°27'09	16° 6	13°19	25° 9	27° 1	21°28	29°18	6°29	4°24	25°22	3°47	4° 3	2°42	8°52	S 21
S 22	16 2 50	2°25'39	29°51	15°18	25°30	27°38	21°21	29°26	6°30	4°26	25°22	3°47	3°59	2°49	8°57	S 22
M23	16 6 47	3°24'08	13♑47	17°15	25°53	28°15	21°13	29°33	6°31	4°28	25°23	3°R47	3°56	2°55	9° 1	M23
T 24	16 10 43	4°22'34	27°53	19° 9	26°18	28°52	21° 6	29°41	6°32	4°30	25°23	3°47	3°53	3° 2	9° 5	T 24
W25	16 14 40	5°20'59	12♒ 4	21° 0	26°44	29°28	20°59	29°48	6°33	4°32	25°24	3°47	3°50	3° 9	9° 9	W25
T 26	16 18 36	6°19'23	26°18	22°48	27°12	0♌ 5	20°51	29°56	6°34	4°34	25°24	3°47	3°47	3°16	9°14	T 26
F 27	16 22 33	7°17'45	10♓32	24°33	27°41	0°42	20°44	0♊ 3	6°34	4°36	25°25	3°D47	3°43	3°22	9°18	F 27
S 28	16 26 30	8°16'05	24°44	26°14	28°12	1°19	20°37	0°11	6°35	4°38	25°25	3°47	3°40	3°29	9°22	S 28
S 29	16 30 26	9°14'24	8♈51	27°52	28°45	1°55	20°30	0°19	6°36	4°40	25°26	3°48	3°37	3°36	9°26	S 29
M30	16 34 23	10°12'42	22°50	29°26	29°19	2°32	20°23	0°26	6°36	4°42	25°26	3°48	3°34	3°43	9°31	M30
T 31	16 38 19	11♊10'59	6♉41	0♋56	29♈54	3♌ 9	20♏16	0♊34	6♓37	4♉44	25♌27	3♊49	3♊31	3♍49	9♊35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n15	5s 1	4s46	10n28	1s47	15n11	5n44	24n 0	1n36	17s18	1n21	17n15	2s 4	9s55	0s44	11n19	1s23	16n54	4n11	20n45	20n57	16n 1	17n22	4s 3
M 2	15 33	1n16	4 5	11 12	1 41	14 50	5 31	23 56	1 36	17 16	1 21	17 17	2 4	9 54	0 44	11 20	1 23	16 54	4 11	20 44	20 57	15 58	17 23	4 3
T 3	15 51	7 26	3 8	11 57	1 34	14 29	5 17	23 51	1 36	17 14	1 21	17 19	2 4	9 53	0 44	11 21	1 23	16 54	4 11	20 44	20 56	15 56	17 23	4 3
W 4	16 8	13 10	2 1	12 42	1 27	14 8	5 2	23 47	1 35	17 12	1 21	17 21	2 4	9 53	0 44	11 21	1 23	16 54	4 11	20 43	20 56	15 54	17 24	4 3
T 5	16 25	18 6	0 48	13 26	1 19	13 49	4 48	23 42	1 35	17 10	1 21	17 22	2 3	9 52	0 44	11 22	1 24	16 54	4 11	20 43	20 55	15 51	17 25	4 3
F 6	16 42	21 59	0n27	14 11	1 11	13 30	4 34	23 37	1 35	17 9	1 21	17 24	2 3	9 51	0 44	11 23	1 24	16 54	4 11	20 43	20 55	15 49	17 25	4 3
S 7	16 58	24 36	1 38	14 55	1 3	13 12	4 19	23 32	1 35	17 7	1 21	17 26	2 3	9 51	0 44	11 23	1 24	16 54	4 10	20 43	20 54	15 47	17 26	4 3
S 8	17 14	25 51	2 42	15 39	0 54	12 56	4 5	23 26	1 35	17 5	1 21	17 28	2 3	9 50	0 44	11 24	1 24	16 54	4 10	20 43	20 53	15 44	17 27	4 3
M 9	17 30	25 44	3 37	16 23	0 44	12 40	3 51	23 21	1 34	17 3	1 21	17 29	2 3	9 50	0 44	11 25	1 24	16 54	4 10	20 44	20 53	15 42	17 27	4 3
T 10	17 46	24 21	4 21	17 6	0 35	12 25	3 37	23 15	1 34	17 1	1 21	17 31	2 3	9 49	0 44	11 26	1 24	16 54	4 10	20 44	20 52	15 39	17 28	4 3
W11	18 1	21 54	4 52	17 48	0 25	12 11	3 23	23 10	1 34	16 59	1 21	17 33	2 3	9 49	0 44	11 26	1 24	16 54	4 10	20 44	20 52	15 37	17 28	4 3
T 12	18 16	18 31	5 11	18 29	0 15	11 58	3 9	23 4	1 34	16 57	1 21	17 34	2 3	9 48	0 44	11 27	1 24	16 54	4 10	20 44	20 51	15 35	17 29	4 3
F 13	18 31	14 26	5 16	19 9	0 4	11 46	2 55	22 58	1 33	16 55	1 21	17 36	2 3	9 48	0 44	11 28	1 24	16 53	4 10	20 44	20 51	15 32	17 30	4 3
S 14	18 45	9 47	5 8	19 48	0n 6	11 35	2 42	22 51	1 33	16 54	1 21	17 38	2 3	9 47	0 44	11 28	1 24	16 53	4 10	20 44	20 50	15 30	17 30	4 3
S 15	18 59	4 44	4 46	20 25	0 17	11 26	2 28	22 45	1 33	16 52	1 21	17 39	2 3	9 47	0 45	11 29	1 24	16 53	4 10	20 44	20 49	15 28	17 31	4 3
M16	19 13	0s35	4 11	21 1	0 28	11 17	2 15	22 38	1 32	16 50	1 21	17 41	2 3	9 46	0 45	11 30	1 24	16 53	4 10	20 43	20 49	15 25	17 31	4 3
T 17	19 26	5 58	3 24	21 35	0 38	11 9	2 3	22 32	1 32	16 48	1 21	17 43	2 3	9 46	0 45	11 31	1 24	16 53	4 10	20 43	20 48	15 23	17 32	4 3
W18	19 39	11 14	2 26	22 7	0 49	11 3	1 50	22 25	1 32	16 46	1 20	17 44	2 3	9 46	0 45	11 31	1 24	16 53	4 10	20 43	20 48	15 20	17 33	4 3
T 19	19 52	16 8	1 19	22 37	0 59	10 57	1 38	22 18	1 32	16 44	1 20	17 46	2 3	9 45	0 45	11 32	1 24	16 53	4 10	20 43	20 47	15 18	17 33	4 3
F 20	20 4	20 23	0 7	23 5	1 9	10 52	1 26	22 11	1 31	16 42	1 20	17 48	2 3	9 45	0 45	11 33	1 24	16 53	4 10	20 43	20 47	15 16	17 34	4 3
S 21	20 16	23 38	1s 8	23 30	1 19	10 48	1 15	22 3	1 31	16 41	1 20	17 49	2 3	9 45	0 45	11 33	1 24	16 52	4 10	20 43	20 46	15 13	17 34	4 3
S 22	20 28	25 33	2 19	23 53	1 28	10 46	1 3	21 56	1 31	16 39	1 20	17 51	2 3	9 44	0 45	11 34	1 24	16 52	4 10	20 43	20 45	15 11	17 35	4 3
M23	20 39	25 54	3 24	24 14	1 37	10 44	0 52	21 48	1 31	16 37	1 20	17 53	2 3	9 44	0 45	11 35	1 24	16 52	4 10	20 43	20 45	15 8	17 36	4 3
T 24	20 50	24 36	4 17	24 32	1 45	10 43	0 42	21 41	1 30	16 35	1 20	17 54	2 3	9 44	0 45	11 35	1 24	16 52	4 10	20 43	20 44	15 6	17 36	4 3
W25	21 0	21 44	4 54	24 48	1 53	10 42	0 31	21 33	1 30	16 33	1 20	17 56	2 3	9 44	0 45	11 36	1 24	16 52	4 10	20 43	20 44	15 3	17 37	4 3
T 26	21 10	17 34	5 14	25 1	1 59	10 43	0 21	21 25	1 30	16 32	1 20	17 57	2 3	9 43	0 45	11 37	1 24	16 52	4 10	20 43	20 43	15 1	17 37	4 4
F 27	21 20	12 24	5 15	25 12	2 5	10 44	0 12	21 17	1 29	16 30	1 20	17 59	2 3	9 43	0 45	11 37	1 24	16 51	4 10	20 43	20 42	14 59	17 38	4 4
S 28	21 29	6 37	4 56	25 21	2 11	10 47	0 2	21 8	1 29	16 28	1 19	18 0	2 3	9 43	0 45	11 38	1 24	16 51	4 10	20 43	20 42	14 56	17 38	4 4
S 29	21 38	0 31	4 20	25 28	2 15	10 49	0s 7	21 0	1 29	16 26	1 19	18 2	2 3	9 43	0 45	11 38	1 24	16 51	4 10	20 43	20 41	14 54	17 39	4 4
M30	21 47	5n35	3 28	25 32	2 19	10 53	0 16	20 51	1 29	16 25	1 19	18 4	2 3	9 43	0 45	11 39	1 24	16 51	4 10	20 43	20 41	14 51	17 40	4 4
T 31	21n55	11n21	2s25	25n35	2n21	10n57	0s24	20n43	1n28	16s23	1n19	18n 5	2s 3	9s42	0s45	11n40	1s24	16n50	4n10	20n43	20n40	14n49	17n40	4s 4

Julian Day Number = 3064542.5, Delta T = 02h33m16s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'12, Lahiri = 47°23'12

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3678
geocentric

JUNE 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 42 16	12♊ 9'13	20♉20	2♋22	0♉30	3♌46	20°R10	0♊41	6♓37	4♉46	25♌27	3♊49	3♊28	3♍56	9♊39	W 1
T 2	16 46 12	13° 7'27	3♊46	3°44	1° 7	4°23	20♏ 3	0°49	6°38	4°48	25°28	3°R50	3°24	4° 3	9°43	T 2
F 3	16 50 9	14° 5'39	16°58	5° 2	1°46	5° 0	19°57	0°56	6°38	4°49	25°29	3°49	3°21	4° 9	9°48	F 3
S 4	16 54 5	15° 3'49	29°54	6°16	2°26	5°36	19°50	1° 3	6°38	4°51	25°29	3°48	3°18	4°16	9°52	S 4
S 5	16 58 2	16° 1'58	12♋34	7°25	3° 7	6°13	19°44	1°11	6°38	4°53	25°30	3°47	3°15	4°23	9°56	S 5
M 6	17 1 59	17° 0'05	25° 0	8°30	3°49	6°50	19°38	1°18	6°39	4°55	25°31	3°45	3°12	4°30	10° 0	M 6
T 7	17 5 55	17°58'10	7♌13	9°31	4°31	7°27	19°32	1°26	6°39	4°57	25°32	3°43	3° 9	4°36	10° 5	T 7
W 8	17 9 52	18°56'13	19°15	10°28	5°15	8° 4	19°26	1°33	6°39	4°59	25°32	3°41	3° 5	4°43	10° 9	W 8
T 9	17 13 48	19°54'15	1♍11	11°19	6° 0	8°41	19°20	1°40	6°R39	5° 0	25°33	3°40	3° 2	4°50	10°13	T 9
F 10	17 17 45	20°52'15	13° 4	12° 7	6°46	9°18	19°14	1°48	6°39	5° 2	25°34	3°39	2°59	4°57	10°17	F 10
S 11	17 21 41	21°50'13	24°59	12°49	7°32	9°55	19° 9	1°55	6°39	5° 4	25°35	3°D39	2°56	5° 3	10°21	S 11
S 12	17 25 38	22°48'09	7♎ 0	13°27	8°19	10°32	19° 3	2° 2	6°39	5° 5	25°36	3°39	2°53	5°10	10°26	S 12
M13	17 29 35	23°46'04	19°12	14° 0	9° 7	11° 9	18°58	2°10	6°39	5° 7	25°37	3°41	2°49	5°17	10°30	M13
T 14	17 33 31	24°43'57	1♏39	14°29	9°56	11°46	18°53	2°17	6°38	5° 9	25°38	3°42	2°46	5°23	10°34	T 14
W15	17 37 28	25°41'48	14°25	14°52	10°45	12°22	18°48	2°24	6°38	5°10	25°39	3°43	2°43	5°30	10°38	W15
T 16	17 41 24	26°39'38	27°32	15°11	11°35	12°59	18°43	2°31	6°38	5°12	25°40	3°R44	2°40	5°37	10°42	T 16
F 17	17 45 21	27°37'27	11♐ 2	15°25	12°26	13°36	18°38	2°38	6°38	5°13	25°41	3°44	2°37	5°44	10°46	F 17
S 18	17 49 17	28°35'14	24°53	15°34	13°18	14°13	18°34	2°45	6°37	5°15	25°42	3°43	2°34	5°50	10°51	S 18
S 19	17 53 14	29°33'00	9♑ 3	15°R38	14°10	14°50	18°29	2°52	6°37	5°16	25°43	3°41	2°30	5°57	10°55	S 19
M20	17 57 10	0♋30'44	23°28	15°38	15° 3	15°27	18°25	2°59	6°36	5°18	25°44	3°37	2°27	6° 4	10°59	M20
T 21	18 1 7	1°28'28	8♒ 1	15°33	15°56	16° 4	18°21	3° 6	6°36	5°19	25°45	3°33	2°24	6°11	11° 3	T 21
W22	18 5 4	2°26'10	22°36	15°24	16°50	16°41	18°17	3°13	6°35	5°21	25°46	3°30	2°21	6°17	11° 7	W22
T 23	18 9 0	3°23'52	7♓ 8	15°10	17°44	17°18	18°13	3°20	6°35	5°22	25°47	3°27	2°18	6°24	11°11	T 23
F 24	18 12 57	4°21'32	21°31	14°53	18°39	17°55	18°10	3°27	6°34	5°24	25°48	3°25	2°15	6°31	11°15	F 24
S 25	18 16 53	5°19'12	5♈42	14°31	19°35	18°32	18° 6	3°34	6°33	5°25	25°49	3°D24	2°11	6°37	11°19	S 25
S 26	18 20 50	6°16'51	19°38	14° 7	20°30	19° 9	18° 3	3°41	6°32	5°26	25°50	3°25	2° 8	6°44	11°23	S 26
M27	18 24 46	7°14'29	3♉21	13°40	21°27	19°46	18° 0	3°48	6°32	5°28	25°52	3°26	2° 5	6°51	11°27	M27
T 28	18 28 43	8°12'06	16°49	13°11	22°24	20°23	17°57	3°54	6°31	5°29	25°53	3°27	2° 2	6°58	11°31	T 28
W29	18 32 39	9° 9'42	0♊ 4	12°39	23°21	21° 0	17°55	4° 1	6°30	5°30	25°54	3°R28	1°59	7° 4	11°35	W29
T 30	18 36 36	10♋ 7'18	13♊ 6	12♋ 7	24♉18	21♌37	17♏52	4♊ 8	6♓29	5♉31	25♌55	3♊28	1♊55	7♍11	11♊39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 3	16n29	1s14	25n35	2n23	11n 2	0s33	20n34	1n28	16s21	1n19	18n 7	2s 3	9s42	0s45	11n40	1s24	16n50	4n 9	20n44	20n39	14n46	17n41	4s 4
T 2	22 10	20 43	0 0	25 34	2 24	11 7	0 41	20 25	1 28	16 20	1 19	18 8	2 3	9 42	0 45	11 41	1 24	16 50	4 9	20 44	20 39	14 44	17 41	4 4
F 3	22 17	23 47	1n12	25 32	2 24	11 13	0 48	20 16	1 27	16 18	1 19	18 10	2 3	9 42	0 45	11 41	1 24	16 50	4 9	20 44	20 38	14 41	17 42	4 4
S 4	22 24	25 33	2 19	25 27	2 23	11 20	0 56	20 6	1 27	16 17	1 18	18 11	2 3	9 42	0 45	11 42	1 24	16 49	4 9	20 43	20 38	14 39	17 42	4 4
S 5	22 30	25 55	3 18	25 22	2 21	11 27	1 3	19 57	1 27	16 15	1 18	18 13	2 3	9 42	0 45	11 43	1 24	16 49	4 9	20 43	20 37	14 37	17 43	4 4
M 6	22 36	24 59	4 6	25 15	2 18	11 35	1 10	19 47	1 26	16 14	1 18	18 14	2 3	9 42	0 45	11 43	1 24	16 49	4 9	20 43	20 36	14 34	17 43	4 4
T 7	22 41	22 51	4 42	25 7	2 14	11 43	1 17	19 38	1 26	16 12	1 18	18 15	2 3	9 42	0 45	11 44	1 24	16 49	4 9	20 42	20 36	14 32	17 44	4 5
W 8	22 46	19 45	5 5	24 57	2 9	11 51	1 23	19 28	1 26	16 11	1 18	18 17	2 3	9 42	0 46	11 44	1 24	16 48	4 9	20 42	20 35	14 29	17 44	4 5
T 9	22 51	15 52	5 15	24 47	2 3	12 0	1 29	19 18	1 25	16 10	1 18	18 18	2 3	9 42	0 46	11 45	1 24	16 48	4 9	20 42	20 35	14 27	17 45	4 5
F 10	22 55	11 23	5 11	24 36	1 56	12 9	1 35	19 8	1 25	16 8	1 17	18 20	2 3	9 42	0 46	11 45	1 24	16 48	4 9	20 42	20 34	14 24	17 45	4 5
S 11	22 59	6 29	4 54	24 24	1 48	12 19	1 41	18 58	1 25	16 7	1 17	18 21	2 3	9 42	0 46	11 46	1 24	16 47	4 9	20 42	20 33	14 22	17 46	4 5
S 12	23 2	1 17	4 24	24 11	1 39	12 29	1 46	18 48	1 25	16 6	1 17	18 23	2 3	9 42	0 46	11 46	1 25	16 47	4 9	20 42	20 33	14 19	17 46	4 5
M13	23 5	4s 2	3 41	23 58	1 29	12 39	1 51	18 38	1 24	16 4	1 17	18 24	2 3	9 42	0 46	11 47	1 25	16 47	4 9	20 42	20 32	14 17	17 46	4 5
T 14	23 7	9 19	2 48	23 44	1 18	12 49	1 56	18 27	1 24	16 3	1 17	18 25	2 3	9 42	0 46	11 47	1 25	16 46	4 9	20 42	20 32	14 14	17 47	4 5
W15	23 9	14 21	1 44	23 30	1 6	13 0	2 1	18 16	1 24	16 2	1 16	18 27	2 3	9 42	0 46	11 48	1 25	16 46	4 9	20 42	20 31	14 12	17 47	4 6
T 16	23 11	18 53	0 34	23 15	0 53	13 11	2 5	18 6	1 23	16 1	1 16	18 28	2 3	9 43	0 46	11 48	1 25	16 46	4 9	20 43	20 30	14 9	17 48	4 6
F 17	23 12	22 33	0s40	23 0	0 39	13 22	2 10	17 55	1 23	16 0	1 16	18 29	2 3	9 43	0 46	11 49	1 25	16 45	4 9	20 43	20 30	14 6	17 48	4 6
S 18	23 13	25 1	1 53	22 44	0 25	13 34	2 14	17 44	1 23	15 59	1 16	18 31	2 3	9 43	0 46	11 49	1 25	16 45	4 9	20 42	20 29	14 4	17 49	4 6
S 19	23 13	25 56	3 2	22 29	0 10	13 45	2 18	17 33	1 22	15 58	1 16	18 32	2 3	9 43	0 46	11 50	1 25	16 45	4 9	20 42	20 29	14 1	17 49	4 6
M20	23 13	25 8	3 59	22 13	0s 6	13 57	2 21	17 22	1 22	15 57	1 15	18 33	2 3	9 43	0 46	11 50	1 25	16 44	4 9	20 41	20 28	13 59	17 49	4 6
T 21	23 13	22 39	4 42	21 57	0 23	14 9	2 25	17 11	1 22	15 56	1 15	18 34	2 3	9 44	0 46	11 51	1 25	16 44	4 9	20 41	20 27	13 56	17 50	4 6
W22	23 12	18 41	5 7	21 41	0 40	14 21	2 28	16 59	1 21	15 55	1 15	18 36	2 3	9 44	0 46	11 51	1 25	16 43	4 9	20 40	20 27	13 54	17 50	4 7
T 23	23 11	13 39	5 12	21 26	0 57	14 33	2 31	16 48	1 21	15 54	1 15	18 37	2 3	9 44	0 46	11 51	1 25	16 43	4 9	20 39	20 26	13 51	17 51	4 7
F 24	23 9	7 54	4 57	21 10	1 14	14 45	2 34	16 36	1 21	15 54	1 14	18 38	2 4	9 44	0 46	11 52	1 25	16 43	4 9	20 39	20 25	13 49	17 51	4 7
S 25	23 7	1 49	4 24	20 55	1 32	14 57	2 37	16 25	1 20	15 53	1 14	18 39	2 4	9 45	0 46	11 52	1 25	16 42	4 9	20 39	20 25	13 46	17 51	4 7
S 26	23 5	4n16	3 36	20 40	1 50	15 9	2 39	16 13	1 20	15 52	1 14	18 40	2 4	9 45	0 46	11 53	1 25	16 42	4 9	20 39	20 24	13 44	17 52	4 7
M27	23 2	10 3	2 37	20 25	2 7	15 22	2 41	16 1	1 20	15 52	1 14	18 42	2 4	9 45	0 46	11 53	1 25	16 41	4 9	20 39	20 24	13 41	17 52	4 7
T 28	22 58	15 17	1 30	20 11	2 24	15 34	2 44	15 49	1 19	15 51	1 13	18 43	2 4	9 46	0 46	11 53	1 25	16 41	4 9	20 39	20 23	13 38	17 52	4 8
W29	22 55	19 41	0 19	19 58	2 41	15 46	2 45	15 37	1 19	15 51	1 13	18 44	2 4	9 46	0 46	11 54	1 25	16 40	4 9	20 40	20 22	13 36	17 53	4 8
T 30	22n51	23n 2	0n52	19n45	2s57	15n58	2s47	15n25	1n19	15s50	1n13	18n45	2s 4	9s46	0s46	11n54	1s25	16n40	4n 9	20n40	20n22	13n33	17n53	4s 8

Julian Day Number = 3064573.5, Delta T = 02h33m17s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'16, Lahiri = 47°23'17

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

JULY 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 40 33	11♋ 4'53	25♊56	11°R33	25♉17	22♌14	17°R50	4♊14	6°R28	5♉33	25♌57	3°R26	1♊52	7♍18	11♊42	F 1
S 2	18 44 29	12° 2'27	8♋34	11♋ 0	26°15	22°51	17♏47	4°21	6♓27	5°34	25°58	3♊22	1°49	7°24	11°46	S 2
S 3	18 48 26	13° 0'00	21° 2	10°27	27°14	23°28	17°45	4°27	6°26	5°35	25°59	3°16	1°46	7°31	11°50	S 3
M 4	18 52 22	13°57'33	3♌18	9°55	28°13	24° 5	17°44	4°34	6°25	5°36	26° 0	3° 9	1°43	7°38	11°54	M 4
T 5	18 56 19	14°55'04	15°25	9°24	29°12	24°42	17°42	4°40	6°23	5°37	26° 2	3° 2	1°40	7°45	11°58	T 5
W 6	19 0 15	15°52'34	27°25	8°56	0♊12	25°20	17°40	4°47	6°22	5°38	26° 3	2°54	1°36	7°51	12° 1	W 6
T 7	19 4 12	16°50'03	9♍19	8°30	1°13	25°57	17°39	4°53	6°21	5°39	26° 4	2°48	1°33	7°58	12° 5	T 7
F 8	19 8 9	17°47'31	21°10	8° 6	2°13	26°34	17°38	4°59	6°20	5°40	26° 6	2°43	1°30	8° 5	12° 9	F 8
S 9	19 12 5	18°44'58	3♎ 3	7°47	3°14	27°11	17°37	5° 5	6°18	5°41	26° 7	2°39	1°27	8°12	12°12	S 9
S 10	19 16 2	19°42'24	15° 2	7°30	4°15	27°48	17°36	5°12	6°17	5°42	26° 9	2°D38	1°24	8°18	12°16	S 10
M11	19 19 58	20°39'49	27°12	7°18	5°16	28°25	17°36	5°18	6°16	5°43	26°10	2°38	1°21	8°25	12°20	M11
T 12	19 23 55	21°37'13	9♏37	7°10	6°18	29° 2	17°35	5°24	6°14	5°44	26°11	2°39	1°17	8°32	12°23	T 12
W13	19 27 51	22°34'37	22°22	7°D 6	7°20	29°39	17°35	5°30	6°13	5°45	26°13	2°40	1°14	8°38	12°27	W13
T 14	19 31 48	23°31'59	5♐31	7° 7	8°22	0♍16	17°D35	5°36	6°11	5°45	26°14	2°R40	1°11	8°45	12°30	T 14
F 15	19 35 44	24°29'21	19° 7	7°13	9°24	0°54	17°35	5°42	6° 9	5°46	26°16	2°39	1° 8	8°52	12°34	F 15
S 16	19 39 41	25°26'42	3♑10	7°23	10°27	1°31	17°36	5°47	6° 8	5°47	26°17	2°36	1° 5	8°59	12°37	S 16
S 17	19 43 38	26°24'02	17°37	7°37	11°30	2° 8	17°36	5°53	6° 6	5°48	26°19	2°31	1° 1	9° 5	12°40	S 17
M18	19 47 34	27°21'22	2♒24	7°56	12°33	2°45	17°37	5°59	6° 5	5°48	26°20	2°23	0°58	9°12	12°44	M18
T 19	19 51 31	28°18'42	17°22	8°20	13°37	3°22	17°38	6° 4	6° 3	5°49	26°22	2°15	0°55	9°19	12°47	T 19
W20	19 55 27	29°16'00	2♓23	8°49	14°40	3°59	17°39	6°10	6° 1	5°50	26°23	2° 7	0°52	9°25	12°50	W20
T 21	19 59 24	0♌13'19	17°16	9°22	15°44	4°37	17°40	6°15	5°59	5°50	26°25	2° 0	0°49	9°32	12°54	T 21
F 22	20 3 20	1°10'38	1♈55	10° 0	16°48	5°14	17°41	6°21	5°58	5°51	26°26	1°54	0°46	9°39	12°57	F 22
S 23	20 7 17	2° 7'56	16°15	10°42	17°52	5°51	17°43	6°26	5°56	5°51	26°28	1°51	0°42	9°46	13° 0	S 23
S 24	20 11 13	3° 5'14	0♉12	11°29	18°57	6°28	17°45	6°32	5°54	5°52	26°30	1°D50	0°39	9°52	13° 3	S 24
M25	20 15 10	4° 2'33	13°49	12°20	20° 2	7° 5	17°47	6°37	5°52	5°52	26°31	1°51	0°36	9°59	13° 6	M25
T 26	20 19 7	4°59'51	27° 5	13°15	21° 6	7°43	17°49	6°42	5°50	5°53	26°33	1°R51	0°33	10° 6	13° 9	T 26
W27	20 23 3	5°57'10	10♊ 4	14°14	22°11	8°20	17°51	6°47	5°48	5°53	26°34	1°51	0°30	10°13	13°12	W27
T 28	20 27 0	6°54'29	22°49	15°18	23°17	8°57	17°53	6°52	5°46	5°53	26°36	1°49	0°27	10°19	13°15	T 28
F 29	20 30 56	7°51'48	5♋21	16°26	24°22	9°34	17°56	6°57	5°44	5°54	26°38	1°45	0°23	10°26	13°18	F 29
S 30	20 34 53	8°49'06	17°43	17°38	25°28	10°12	17°59	7° 2	5°42	5°54	26°39	1°37	0°20	10°33	13°21	S 30
S 31	20 38 49	9♌46'25	29♋57	18♋54	26♊33	10♍49	18♏ 2	7♊ 7	5♓40	5♉54	26♌41	1♊28	0♊17	10♍39	13♊24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n46	25n 9	1n59	19n32	3s12	16n11	2s49	15n12	1n18	15s50	1n13	18n46	2s 4	9s47	0s46	11n55	1s25	16n40	4n 9	20n39	20n21	13n31	17n53	4s 8
S 2	22 41	25 56	2 59	19 21	3 26	16 23	2 50	15 0	1 18	15 49	1 12	18 47	2 4	9 47	0 46	11 55	1 25	16 39	4 9	20 38	20 20	13 28	17 53	4 8
S 3	22 36	25 22	3 49	19 10	3 39	16 35	2 52	14 48	1 17	15 49	1 12	18 48	2 4	9 48	0 46	11 55	1 25	16 39	4 9	20 37	20 20	13 26	17 54	4 9
M 4	22 30	23 35	4 28	19 1	3 51	16 47	2 53	14 35	1 17	15 49	1 12	18 49	2 4	9 48	0 47	11 56	1 25	16 38	4 9	20 36	20 19	13 23	17 54	4 9
T 5	22 24	20 45	4 54	18 52	4 2	16 58	2 54	14 23	1 17	15 48	1 12	18 50	2 4	9 49	0 47	11 56	1 26	16 38	4 9	20 35	20 19	13 20	17 54	4 9
W 6	22 17	17 4	5 7	18 45	4 11	17 10	2 55	14 10	1 16	15 48	1 12	18 51	2 5	9 49	0 47	11 56	1 26	16 37	4 9	20 33	20 18	13 18	17 55	4 9
T 7	22 11	12 44	5 6	18 38	4 19	17 21	2 55	13 57	1 16	15 48	1 11	18 52	2 5	9 50	0 47	11 56	1 26	16 37	4 9	20 32	20 17	13 15	17 55	4 9
F 8	22 3	7 57	4 53	18 33	4 26	17 33	2 56	13 44	1 16	15 48	1 11	18 53	2 5	9 50	0 47	11 57	1 26	16 36	4 9	20 31	20 17	13 13	17 55	4 10
S 9	21 56	2 52	4 26	18 29	4 31	17 44	2 56	13 31	1 15	15 48	1 11	18 54	2 5	9 51	0 47	11 57	1 26	16 36	4 9	20 30	20 16	13 10	17 55	4 10
S 10	21 48	2s22	3 48	18 26	4 35	17 55	2 56	13 18	1 15	15 48	1 11	18 55	2 5	9 51	0 47	11 57	1 26	16 35	4 9	20 30	20 15	13 7	17 56	4 10
M11	21 39	7 35	2 59	18 25	4 37	18 6	2 56	13 5	1 15	15 48	1 10	18 56	2 5	9 52	0 47	11 57	1 26	16 35	4 9	20 30	20 15	13 5	17 56	4 10
T 12	21 30	12 39	2 1	18 24	4 38	18 16	2 56	12 52	1 14	15 48	1 10	18 57	2 5	9 52	0 47	11 58	1 26	16 35	4 9	20 30	20 14	13 2	17 56	4 11
W13	21 21	17 18	0 55	18 24	4 38	18 26	2 56	12 39	1 14	15 49	1 10	18 58	2 5	9 53	0 47	11 58	1 26	16 34	4 9	20 30	20 13	12 59	17 56	4 11
T 14	21 12	21 17	0s15	18 26	4 37	18 36	2 56	12 25	1 14	15 49	1 10	18 59	2 5	9 53	0 47	11 58	1 26	16 34	4 9	20 30	20 13	12 57	17 56	4 11
F 15	21 2	24 14	1 27	18 28	4 34	18 46	2 56	12 12	1 13	15 49	1 9	19 0	2 6	9 54	0 47	11 58	1 26	16 33	4 9	20 30	20 12	12 54	17 57	4 11
S 16	20 52	25 47	2 36	18 32	4 30	18 56	2 55	11 59	1 13	15 49	1 9	19 1	2 6	9 55	0 47	11 59	1 26	16 33	4 9	20 30	20 11	12 52	17 57	4 12
S 17	20 41	25 40	3 37	18 36	4 25	19 5	2 54	11 45	1 12	15 50	1 9	19 2	2 6	9 55	0 47	11 59	1 26	16 32	4 9	20 29	20 11	12 49	17 57	4 12
M18	20 30	23 44	4 24	18 41	4 19	19 14	2 54	11 31	1 12	15 50	1 9	19 3	2 6	9 56	0 47	11 59	1 26	16 32	4 9	20 27	20 10	12 46	17 57	4 12
T 19	20 19	20 10	4 55	18 46	4 12	19 22	2 53	11 18	1 12	15 51	1 8	19 3	2 6	9 57	0 47	11 59	1 26	16 31	4 9	20 26	20 10	12 44	17 57	4 12
W20	20 7	15 17	5 5	18 52	4 5	19 30	2 52	11 4	1 11	15 51	1 8	19 4	2 6	9 57	0 47	11 59	1 26	16 31	4 9	20 24	20 9	12 41	17 57	4 13
T 21	19 55	9 30	4 54	18 58	3 56	19 38	2 51	10 50	1 11	15 52	1 8	19 5	2 6	9 58	0 47	11 59	1 26	16 30	4 9	20 23	20 8	12 38	17 57	4 13
F 22	19 43	3 18	4 24	19 5	3 47	19 46	2 49	10 36	1 11	15 52	1 8	19 6	2 6	9 59	0 47	11 59	1 26	16 30	4 9	20 21	20 8	12 36	17 58	4 13
S 23	19 30	2n58	3 38	19 11	3 37	19 53	2 48	10 22	1 10	15 53	1 7	19 7	2 7	9 59	0 47	12 0	1 26	16 29	4 9	20 21	20 7	12 33	17 58	4 13
S 24	19 18	8 56	2 40	19 18	3 27	20 0	2 47	10 8	1 10	15 54	1 7	19 7	2 7	10 0	0 47	12 0	1 27	16 29	4 9	20 21	20 6	12 30	17 58	4 14
M25	19 4	14 20	1 35	19 25	3 16	20 7	2 45	9 54	1 9	15 55	1 7	19 8	2 7	10 1	0 47	12 0	1 27	16 28	4 9	20 21	20 6	12 28	17 58	4 14
T 26	18 51	18 55	0 25	19 31	3 4	20 13	2 44	9 40	1 9	15 55	1 7	19 9	2 7	10 1	0 47	12 0	1 27	16 27	4 9	20 21	20 5	12 25	17 58	4 14
W27	18 37	22 29	0n44	19 37	2 52	20 18	2 42	9 26	1 9	15 56	1 6	19 9	2 7	10 2	0 47	12 0	1 27	16 27	4 9	20 21	20 4	12 22	17 58	4 15
T 28	18 23	24 51	1 49	19 42	2 40	20 24	2 40	9 12	1 8	15 57	1 6	19 10	2 7	10 3	0 47	12 0	1 27	16 26	4 9	20 20	20 4	12 20	17 58	4 15
F 29	18 8	25 55	2 48	19 47	2 28	20 28	2 38	8 58	1 8	15 58	1 6	19 11	2 7	10 4	0 47	12 0	1 27	16 26	4 9	20 19	20 3	12 17	17 58	4 15
S 30	17 54	25 40	3 38	19 51	2 15	20 33	2 36	8 43	1 8	15 59	1 6	19 11	2 8	10 4	0 47	12 0	1 27	16 25	4 9	20 18	20 2	12 14	17 58	4 15
S 31	17n39	24n10	4n17	19n54	2s 2	20n37	2s34	8n29	1n 7	16s 0	1n 5	19n12	2s 8	10s 5	0s47	12n 0	1s27	16n25	4n 9	20n16	20n 2	12n12	17n58	4s16

Julian Day Number = 3064603.5, Delta T = 02h33m18s
Ecliptic obliquity = 23°13'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'20, Lahiri = 47°23'21

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

AUGUST 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 42 46	10♌43'44	12♌ 3	20♋14	27♊39	11♍26	18♏ 5	7♊11	5°R38	5♉55	26♌42	1°R16	0♊14	10♍46	13♊26	M 1
T 2	20 46 42	11°41'02	24° 3	21°38	28°45	12° 4	18° 8	7°16	5♓36	5°55	26°44	1♊ 4	0°11	10°53	13°29	T 2
W 3	20 50 39	12°38'21	5♍58	23° 5	29°52	12°41	18°11	7°21	5°34	5°55	26°46	0°51	0° 7	11° 0	13°32	W 3
T 4	20 54 36	13°35'39	17°50	24°37	0♋58	13°18	18°15	7°25	5°31	5°55	26°47	0°39	0° 4	11° 6	13°35	T 4
F 5	20 58 32	14°32'58	29°40	26°12	2° 5	13°56	18°19	7°29	5°29	5°55	26°49	0°30	0° 1	11°13	13°37	F 5
S 6	21 2 29	15°30'16	11♎33	27°51	3°11	14°33	18°23	7°34	5°27	5°55	26°51	0°23	29♉58	11°20	13°40	S 6
S 7	21 6 25	16°27'34	23°30	29°33	4°18	15°10	18°27	7°38	5°25	5°R55	26°52	0°18	29°55	11°26	13°42	S 7
M 8	21 10 22	17°24'52	5♏38	1♌18	5°25	15°48	18°31	7°42	5°23	5°55	26°54	0°16	29°52	11°33	13°45	M 8
T 9	21 14 18	18°22'10	17°59	3° 7	6°32	16°25	18°36	7°46	5°20	5°55	26°56	0°D16	29°48	11°40	13°47	T 9
W10	21 18 15	19°19'28	0♐41	4°59	7°39	17° 2	18°40	7°50	5°18	5°55	26°57	0°R16	29°45	11°47	13°49	W10
T 11	21 22 11	20°16'46	13°46	6°54	8°47	17°40	18°45	7°54	5°16	5°55	26°59	0°15	29°42	11°53	13°52	T 11
F 12	21 26 8	21°14'04	27°20	8°51	9°54	18°17	18°50	7°58	5°13	5°55	27° 1	0°13	29°39	12° 0	13°54	F 12
S 13	21 30 5	22°11'22	11♑23	10°51	11° 2	18°55	18°55	8° 2	5°11	5°55	27° 2	0° 9	29°36	12° 7	13°56	S 13
S 14	21 34 1	23° 8'40	25°54	12°53	12° 9	19°32	19° 0	8° 5	5° 9	5°54	27° 4	0° 2	29°33	12°14	13°58	S 14
M15	21 37 58	24° 5'58	10♒50	14°56	13°17	20°10	19° 5	8° 9	5° 6	5°54	27° 6	29♉53	29°29	12°20	14° 0	M15
T 16	21 41 54	25° 3'17	26° 2	17° 1	14°25	20°47	19°11	8°13	5° 4	5°54	27° 8	29°42	29°26	12°27	14° 2	T 16
W17	21 45 51	26° 0'36	11♓19	19° 7	15°33	21°25	19°16	8°16	5° 2	5°54	27° 9	29°31	29°23	12°34	14° 4	W17
T 18	21 49 47	26°57'55	26°30	21°14	16°42	22° 2	19°22	8°19	4°59	5°53	27°11	29°22	29°20	12°40	14° 6	T 18
F 19	21 53 44	27°55'15	11♈26	23°21	17°50	22°40	19°28	8°22	4°57	5°53	27°13	29°15	29°17	12°47	14° 8	F 19
S 20	21 57 40	28°52'36	25°59	25°29	18°58	23°17	19°34	8°26	4°55	5°53	27°14	29°10	29°13	12°54	14°10	S 20
S 21	22 1 37	29°49'58	10♉ 5	27°36	20° 7	23°55	19°40	8°29	4°52	5°52	27°16	29° 7	29°10	13° 1	14°11	S 21
M22	22 5 34	0♍47'21	23°45	29°43	21°16	24°32	19°47	8°31	4°50	5°52	27°18	29° 7	29° 7	13° 7	14°13	M22
T 23	22 9 30	1°44'44	7♊ 0	1♍49	22°24	25°10	19°53	8°34	4°47	5°51	27°19	29° 7	29° 4	13°14	14°15	T 23
W24	22 13 27	2°42'09	19°53	3°55	23°33	25°47	20° 0	8°37	4°45	5°51	27°21	29° 6	29° 1	13°21	14°16	W24
T 25	22 17 23	3°39'34	2♋29	6° 0	24°42	26°25	20° 7	8°40	4°43	5°50	27°23	29° 4	28°58	13°27	14°18	T 25
F 26	22 21 20	4°37'00	14°50	8° 3	25°52	27° 3	20°14	8°42	4°40	5°50	27°24	28°59	28°54	13°34	14°19	F 26
S 27	22 25 16	5°34'28	27° 1	10° 5	27° 1	27°40	20°21	8°45	4°38	5°49	27°26	28°51	28°51	13°41	14°21	S 27
S 28	22 29 13	6°31'56	9♌ 5	12° 6	28°10	28°18	20°28	8°47	4°35	5°48	27°28	28°41	28°48	13°48	14°22	S 28
M29	22 33 9	7°29'25	21° 3	14° 6	29°20	28°55	20°35	8°49	4°33	5°48	27°30	28°28	28°45	13°54	14°23	M29
T 30	22 37 6	8°26'55	2♍57	16° 4	0♌29	29°33	20°42	8°52	4°31	5°47	27°31	28°15	28°42	14° 1	14°25	T 30
W31	22 41 3	9♍24'25	14♍49	18♍ 1	1♌39	0♎11	20♏50	8♊54	4♓28	5♉46	27♌33	28♉ 1	28♉39	14♍ 8	14♊26	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n23	21n35	4n45	19n56	1s48	20n40	2s32	8n15	1n 7	16s 1	1n 5	19n13	2s 8	10s 6	0s47	12n 0	1s27	16n24	4n 9	20n14	20n 1	12n 9	17n58	4s16
T 2	17 8	18 5	4 59	19 56	1 35	20 43	2 30	8 0	1 6	16 2	1 5	19 13	2 8	10 7	0 47	12 0	1 27	16 24	4 9	20 11	20 0	12 6	17 58	4 16
W 3	16 52	13 53	5 0	19 55	1 22	20 46	2 27	7 46	1 6	16 4	1 5	19 14	2 8	10 8	0 47	12 0	1 27	16 23	4 9	20 9	20 0	12 3	17 58	4 17
T 4	16 36	9 11	4 48	19 53	1 9	20 48	2 25	7 31	1 6	16 5	1 4	19 14	2 8	10 8	0 47	12 0	1 27	16 23	4 9	20 6	19 59	12 1	17 58	4 17
F 5	16 19	4 10	4 23	19 49	0 55	20 50	2 23	7 16	1 5	16 6	1 4	19 15	2 9	10 9	0 47	12 0	1 27	16 22	4 9	20 4	19 58	11 58	17 58	4 17
S 6	16 3	1s 2	3 48	19 43	0 42	20 51	2 20	7 2	1 5	16 7	1 4	19 15	2 9	10 10	0 47	12 0	1 27	16 22	4 9	20 3	19 58	11 55	17 58	4 18
S 7	15 46	6 14	3 1	19 35	0 29	20 52	2 17	6 47	1 4	16 9	1 4	19 16	2 9	10 11	0 47	12 0	1 27	16 21	4 9	20 2	19 57	11 53	17 58	4 18
M 8	15 29	11 17	2 6	19 25	0 17	20 52	2 15	6 32	1 4	16 10	1 3	19 16	2 9	10 12	0 47	12 0	1 27	16 21	4 9	20 2	19 56	11 50	17 58	4 18
T 9	15 11	16 0	1 5	19 13	0 4	20 52	2 12	6 18	1 4	16 11	1 3	19 17	2 9	10 12	0 47	12 0	1 27	16 20	4 9	20 1	19 56	11 47	17 58	4 19
W10	14 54	20 9	0s 2	18 58	0n 8	20 51	2 9	6 3	1 3	16 13	1 3	19 17	2 9	10 13	0 48	12 0	1 27	16 20	4 10	20 1	19 55	11 44	17 58	4 19
T 11	14 36	23 25	1 11	18 41	0 19	20 50	2 7	5 48	1 3	16 14	1 3	19 18	2 10	10 14	0 48	12 0	1 27	16 19	4 10	20 1	19 54	11 42	17 58	4 19
F 12	14 18	25 30	2 18	18 22	0 30	20 48	2 4	5 33	1 3	16 16	1 2	19 18	2 10	10 15	0 48	12 0	1 28	16 19	4 10	20 1	19 54	11 39	17 58	4 20
S 13	13 59	26 3	3 19	18 0	0 40	20 46	2 1	5 18	1 2	16 18	1 2	19 19	2 10	10 16	0 48	12 0	1 28	16 18	4 10	20 0	19 53	11 36	17 58	4 20
S 14	13 41	24 51	4 9	17 36	0 50	20 43	1 58	5 3	1 2	16 19	1 2	19 19	2 10	10 17	0 48	12 0	1 28	16 17	4 10	19 59	19 52	11 33	17 58	4 20
M15	13 22	21 55	4 44	17 9	0 59	20 40	1 55	4 48	1 1	16 21	1 2	19 19	2 10	10 18	0 48	11 59	1 28	16 17	4 10	19 57	19 52	11 31	17 58	4 21
T 16	13 3	17 26	5 0	16 40	1 7	20 36	1 52	4 33	1 1	16 23	1 2	19 20	2 11	10 18	0 48	11 59	1 28	16 16	4 10	19 54	19 51	11 28	17 58	4 21
W17	12 44	11 48	4 54	16 8	1 14	20 32	1 49	4 18	1 1	16 24	1 1	19 20	2 11	10 19	0 48	11 59	1 28	16 16	4 10	19 52	19 50	11 25	17 58	4 21
T 18	12 25	5 29	4 28	15 35	1 21	20 27	1 45	4 3	1 0	16 26	1 1	19 21	2 11	10 20	0 48	11 59	1 28	16 15	4 10	19 50	19 50	11 22	17 57	4 22
F 19	12 5	1n 3	3 43	14 59	1 27	20 21	1 42	3 48	1 0	16 28	1 1	19 21	2 11	10 21	0 48	11 59	1 28	16 15	4 10	19 48	19 49	11 20	17 57	4 22
S 20	11 46	7 22	2 45	14 21	1 32	20 16	1 39	3 33	0 59	16 30	1 1	19 21	2 11	10 22	0 48	11 59	1 28	16 14	4 10	19 47	19 48	11 17	17 57	4 22
S 21	11 26	13 9	1 39	13 42	1 36	20 9	1 36	3 18	0 59	16 32	1 0	19 21	2 11	10 23	0 48	11 58	1 28	16 14	4 10	19 47	19 48	11 14	17 57	4 23
M22	11 6	18 5	0 28	13 1	1 39	20 2	1 33	3 3	0 58	16 33	1 0	19 22	2 12	10 24	0 48	11 58	1 28	16 13	4 10	19 47	19 47	11 11	17 57	4 23
T 23	10 46	21 58	0n42	12 19	1 42	19 55	1 29	2 48	0 58	16 35	1 0	19 22	2 12	10 25	0 48	11 58	1 28	16 13	4 10	19 47	19 46	11 9	17 57	4 23
W24	10 25	24 38	1 47	11 36	1 44	19 47	1 26	2 33	0 58	16 37	1 0	19 22	2 12	10 25	0 48	11 58	1 28	16 12	4 10	19 47	19 46	11 6	17 56	4 24
T 25	10 5	25 58	2 46	10 51	1 45	19 38	1 23	2 17	0 57	16 39	1 0	19 22	2 12	10 26	0 48	11 58	1 28	16 12	4 11	19 46	19 45	11 3	17 56	4 24
F 26	9 44	25 59	3 36	10 6	1 45	19 29	1 19	2 2	0 57	16 41	0 59	19 23	2 12	10 27	0 48	11 57	1 28	16 11	4 11	19 45	19 44	11 0	17 56	4 24
S 27	9 23	24 45	4 16	9 20	1 44	19 20	1 16	1 47	0 56	16 43	0 59	19 23	2 13	10 28	0 48	11 57	1 28	16 11	4 11	19 43	19 43	10 57	17 56	4 25
S 28	9 2	22 22	4 43	8 33	1 43	19 10	1 12	1 32	0 56	16 45	0 59	19 23	2 13	10 29	0 48	11 57	1 28	16 10	4 11	19 41	19 43	10 55	17 56	4 25
M29	8 41	19 3	4 57	7 46	1 42	18 59	1 9	1 17	0 56	16 48	0 59	19 23	2 13	10 30	0 48	11 57	1 28	16 10	4 11	19 38	19 42	10 52	17 55	4 25
T 30	8 20	14 58	4 59	6 58	1 39	18 48	1 6	1 1	0 55	16 50	0 59	19 23	2 13	10 31	0 48	11 56	1 28	16 9	4 11	19 35	19 41	10 49	17 55	4 26
W31	7n58	10n21	4n47	6n11	1n36	18n36	1s 2	0n46	0n55	16s52	0n58	19n23	2s13	10s32	0s48	11n56	1s28	16n 9	4n11	19n32	19n41	10n46	17n55	4s26

Julian Day Number = 3064634.5, Delta T = 02h33m19s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'25, Lahiri = 47°23'25

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

SEPTEMBER 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 44 59	10♍21'57	26♍41	19♍56	2♌48	0♎49	20♏58	8♊56	4°R26	5°R46	27♌35	27°R48	28♉35	14♍14	14♊27	T 1
F 2	22 48 56	11°19'29	8♎33	21°50	3°58	1°26	21° 5	8°57	4♓23	5♉45	27°36	27♉38	28°32	14°21	14°28	F 2
S 3	22 52 52	12°17'02	20°27	23°42	5° 8	2° 4	21°13	8°59	4°21	5°44	27°38	27°30	28°29	14°28	14°29	S 3
S 4	22 56 49	13°14'36	2♏28	25°32	6°18	2°42	21°21	9° 1	4°19	5°43	27°39	27°25	28°26	14°35	14°30	S 4
M 5	23 0 45	14°12'11	14°37	27°21	7°28	3°20	21°29	9° 2	4°16	5°42	27°41	27°22	28°23	14°41	14°31	M 5
T 6	23 4 42	15° 9'47	26°59	29° 8	8°38	3°57	21°38	9° 4	4°14	5°41	27°43	27°D22	28°19	14°48	14°31	T 6
W 7	23 8 38	16° 7'23	9♐39	0♎54	9°49	4°35	21°46	9° 5	4°12	5°40	27°44	27°R22	28°16	14°55	14°32	W 7
T 8	23 12 35	17° 5'00	22°40	2°39	10°59	5°13	21°55	9° 6	4° 9	5°39	27°46	27°22	28°13	15° 1	14°33	T 8
F 9	23 16 32	18° 2'38	6♑ 7	4°22	12°10	5°51	22° 3	9° 8	4° 7	5°38	27°48	27°21	28°10	15° 8	14°33	F 9
S 10	23 20 28	19° 0'17	20° 2	6° 3	13°20	6°29	22°12	9° 9	4° 5	5°37	27°49	27°17	28° 7	15°15	14°34	S 10
S 11	23 24 25	19°57'57	4♒26	7°43	14°31	7° 7	22°21	9°10	4° 2	5°36	27°51	27°12	28° 4	15°22	14°35	S 11
M12	23 28 21	20°55'37	19°16	9°21	15°41	7°45	22°30	9°10	4° 0	5°35	27°52	27° 4	28° 0	15°28	14°35	M12
T 13	23 32 18	21°53'19	4♓25	10°58	16°52	8°23	22°39	9°11	3°58	5°34	27°54	26°55	27°57	15°35	14°35	T 13
W14	23 36 14	22°51'01	19°44	12°34	18° 3	9° 0	22°48	9°12	3°56	5°33	27°56	26°45	27°54	15°42	14°36	W14
T 15	23 40 11	23°48'45	5♈ 1	14° 8	19°14	9°38	22°57	9°12	3°53	5°32	27°57	26°37	27°51	15°48	14°36	T 15
F 16	23 44 7	24°46'30	20° 5	15°40	20°25	10°16	23° 7	9°13	3°51	5°31	27°59	26°30	27°48	15°55	14°36	F 16
S 17	23 48 4	25°44'16	4♉48	17°11	21°36	10°54	23°16	9°13	3°49	5°30	28° 0	26°26	27°44	16° 2	14°36	S 17
S 18	23 52 1	26°42'04	19° 5	18°41	22°47	11°32	23°25	9°13	3°47	5°29	28° 2	26°25	27°41	16° 9	14°R36	S 18
M19	23 55 57	27°39'54	2♊52	20° 9	23°59	12°10	23°35	9°13	3°45	5°27	28° 3	26°D24	27°38	16°15	14°36	M19
T 20	23 59 54	28°37'45	16°13	21°36	25°10	12°49	23°45	9°R13	3°43	5°26	28° 5	26°25	27°35	16°22	14°36	T 20
W21	0 3 50	29°35'39	29° 8	23° 1	26°21	13°27	23°55	9°13	3°41	5°25	28° 6	26°R26	27°32	16°29	14°36	W21
T 22	0 7 47	0♎33'33	11♋43	24°25	27°33	14° 5	24° 5	9°13	3°38	5°24	28° 8	26°25	27°29	16°35	14°36	T 22
F 23	0 11 43	1°31'30	24° 2	25°48	28°45	14°43	24°15	9°13	3°36	5°22	28° 9	26°22	27°25	16°42	14°35	F 23
S 24	0 15 40	2°29'28	6♌ 8	27° 8	29°56	15°21	24°25	9°12	3°34	5°21	28°11	26°18	27°22	16°49	14°35	S 24
S 25	0 19 36	3°27'27	18° 6	28°27	1♍ 8	15°59	24°35	9°12	3°32	5°20	28°12	26°11	27°19	16°56	14°35	S 25
M26	0 23 33	4°25'29	0♍ 0	29°45	2°20	16°37	24°45	9°11	3°30	5°18	28°14	26° 2	27°16	17° 2	14°34	M26
T 27	0 27 29	5°23'32	11°52	1♏ 1	3°32	17°16	24°56	9°10	3°29	5°17	28°15	25°52	27°13	17° 9	14°34	T 27
W28	0 31 26	6°21'36	23°43	2°15	4°44	17°54	25° 6	9°10	3°27	5°16	28°16	25°43	27°10	17°16	14°33	W28
T 29	0 35 23	7°19'42	5♎37	3°27	5°56	18°32	25°17	9° 9	3°25	5°14	28°18	25°34	27° 6	17°22	14°33	T 29
F 30	0 39 19	8♎17'50	17♎34	4♏37	7♍ 8	19♎10	25♏27	9♊ 8	3♓23	5♉13	28♌19	25♉27	27♉ 3	17♍29	14♊32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n37	5n21	4n23	5n23	1n33	18n24	0s59	0n31	0n54	16s54	0n58	19n23	2s14	10s32	0s48	11n56	1s29	16n 8	4n11	19n30	19n40	10n43	17n55	4s27
F 2	7 15	0 8	3 48	4 35	1 29	18 12	0 55	0 16	0 54	16 56	0 58	19 23	2 14	10 33	0 48	11 55	1 29	16 8	4 11	19 27	19 39	10 41	17 55	4 27
S 3	6 54	5s 6	3 2	3 47	1 24	17 59	0 52	0 0	0 53	16 58	0 58	19 24	2 14	10 34	0 48	11 55	1 29	16 7	4 11	19 26	19 39	10 38	17 54	4 27
S 4	6 32	10 13	2 8	2 59	1 20	17 45	0 48	0s15	0 53	17 1	0 58	19 24	2 14	10 35	0 48	11 55	1 29	16 7	4 11	19 24	19 38	10 35	17 54	4 28
M 5	6 10	15 1	1 7	2 11	1 14	17 31	0 45	0 30	0 53	17 3	0 57	19 24	2 14	10 36	0 48	11 55	1 29	16 6	4 11	19 24	19 37	10 32	17 54	4 28
T 6	5 48	19 17	0 2	1 23	1 9	17 16	0 41	0 46	0 52	17 5	0 57	19 24	2 15	10 37	0 48	11 54	1 29	16 6	4 12	19 24	19 37	10 29	17 53	4 28
W 7	5 26	22 46	1s 5	0 36	1 3	17 1	0 38	1 1	0 52	17 8	0 57	19 24	2 15	10 38	0 48	11 54	1 29	16 5	4 12	19 24	19 36	10 27	17 53	4 29
T 8	5 3	25 11	2 10	0s11	0 56	16 46	0 35	1 16	0 51	17 10	0 57	19 24	2 15	10 38	0 48	11 53	1 29	16 5	4 12	19 24	19 35	10 24	17 53	4 29
F 9	4 41	26 15	3 11	0 57	0 50	16 30	0 31	1 31	0 51	17 12	0 57	19 24	2 15	10 39	0 48	11 53	1 29	16 4	4 12	19 23	19 34	10 21	17 53	4 30
S 10	4 19	25 44	4 2	1 44	0 43	16 13	0 28	1 47	0 50	17 15	0 56	19 24	2 15	10 40	0 48	11 53	1 29	16 4	4 12	19 23	19 34	10 18	17 52	4 30
S 11	3 56	23 30	4 40	2 29	0 36	15 57	0 24	2 2	0 50	17 17	0 56	19 23	2 16	10 41	0 48	11 52	1 29	16 4	4 12	19 21	19 33	10 15	17 52	4 30
M12	3 34	19 40	5 0	3 14	0 28	15 39	0 21	2 17	0 50	17 20	0 56	19 23	2 16	10 42	0 48	11 52	1 29	16 3	4 12	19 20	19 32	10 12	17 52	4 31
T 13	3 11	14 28	5 0	3 59	0 21	15 22	0 18	2 32	0 49	17 22	0 56	19 23	2 16	10 42	0 48	11 52	1 29	16 3	4 12	19 18	19 32	10 10	17 51	4 31
W14	2 49	8 19	4 39	4 43	0 13	15 3	0 14	2 48	0 49	17 25	0 56	19 23	2 16	10 43	0 48	11 51	1 29	16 2	4 12	19 15	19 31	10 7	17 51	4 31
T 15	2 26	1 41	3 58	5 27	0 5	14 45	0 11	3 3	0 48	17 27	0 55	19 23	2 16	10 44	0 48	11 51	1 29	16 2	4 13	19 13	19 30	10 4	17 51	4 32
F 16	2 3	4n59	3 1	6 10	0s 3	14 26	0 8	3 18	0 48	17 29	0 55	19 23	2 17	10 45	0 48	11 50	1 29	16 1	4 13	19 12	19 30	10 1	17 50	4 32
S 17	1 41	11 14	1 53	6 52	0 12	14 7	0 4	3 33	0 47	17 32	0 55	19 23	2 17	10 46	0 48	11 50	1 29	16 1	4 13	19 11	19 29	9 58	17 50	4 33
S 18	1 18	16 42	0 39	7 34	0 20	13 47	0 1	3 48	0 47	17 35	0 55	19 23	2 17	10 46	0 48	11 50	1 29	16 1	4 13	19 11	19 28	9 55	17 50	4 33
M19	0 55	21 7	0n35	8 15	0 29	13 27	0n 2	4 3	0 47	17 37	0 55	19 22	2 17	10 47	0 48	11 49	1 29	16 0	4 13	19 11	19 27	9 52	17 49	4 33
T 20	0 32	24 14	1 44	8 55	0 37	13 6	0 5	4 18	0 46	17 40	0 55	19 22	2 17	10 48	0 47	11 49	1 29	16 0	4 13	19 11	19 27	9 50	17 49	4 34
W21	0 10	25 59	2 46	9 35	0 46	12 45	0 8	4 33	0 46	17 42	0 54	19 22	2 18	10 49	0 47	11 48	1 29	15 59	4 13	19 11	19 26	9 47	17 48	4 34
T 22	0s13	26 20	3 38	10 14	0 55	12 24	0 11	4 49	0 45	17 45	0 54	19 22	2 18	10 49	0 47	11 48	1 29	15 59	4 13	19 11	19 25	9 44	17 48	4 34
F 23	0 36	25 21	4 19	10 52	1 3	12 2	0 15	5 4	0 45	17 47	0 54	19 22	2 18	10 50	0 47	11 47	1 29	15 58	4 14	19 10	19 25	9 41	17 48	4 35
S 24	0 59	23 12	4 47	11 29	1 12	11 40	0 18	5 19	0 44	17 50	0 54	19 21	2 18	10 51	0 47	11 47	1 29	15 58	4 14	19 9	19 24	9 38	17 47	4 35
S 25	1 22	20 4	5 3	12 5	1 21	11 18	0 21	5 34	0 44	17 53	0 54	19 21	2 18	10 51	0 47	11 46	1 29	15 58	4 14	19 7	19 23	9 35	17 47	4 36
M26	1 45	16 8	5 5	12 41	1 30	10 55	0 24	5 48	0 43	17 55	0 54	19 21	2 19	10 52	0 47	11 46	1 30	15 57	4 14	19 5	19 22	9 32	17 46	4 36
T 27	2 7	11 35	4 54	13 16	1 38	10 32	0 26	6 3	0 43	17 58	0 53	19 20	2 19	10 53	0 47	11 45	1 30	15 57	4 14	19 3	19 22	9 29	17 46	4 36
W28	2 30	6 37	4 31	13 49	1 47	10 9	0 29	6 18	0 43	18 0	0 53	19 20	2 19	10 53	0 47	11 45	1 30	15 57	4 14	19 1	19 21	9 27	17 45	4 37
T 29	2 53	1 24	3 55	14 22	1 56	9 45	0 32	6 33	0 42	18 3	0 53	19 20	2 19	10 54	0 47	11 44	1 30	15 56	4 14	18 59	19 20	9 24	17 45	4 37
F 30	3s16	3s55	3n 9	14s54	2s 4	9n21	0n35	6s48	0n42	18s 6	0n53	19n20	2s19	10s55	0s47	11n44	1s30	15n56	4n14	18n57	19n19	9n21	17n45	4s37

Julian Day Number = 3064665.5, Delta T = 02h33m20s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'29, Lahiri = 47°23'29

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

OCTOBER 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 43 16	9♎15'59	29♎36	5♏46	8♍20	19♎49	25♏38	9°R 6	3°R21	5°R11	28♌20	25°R21	27♉ 0	17♍36	14°R31	S 1
S 2	0 47 12	10°14'10	11♏45	6°52	9°32	20°27	25°49	9♊ 5	3♓19	5♉10	28°22	25♉18	26°57	17°43	14♊30	S 2
M 3	0 51 9	11°12'22	24° 3	7°56	10°45	21° 5	26° 0	9° 4	3°18	5° 8	28°23	25°D17	26°54	17°49	14°29	M 3
T 4	0 55 5	12°10'36	6♐32	8°58	11°57	21°44	26°11	9° 2	3°16	5° 7	28°24	25°18	26°50	17°56	14°28	T 4
W 5	0 59 2	13° 8'51	19°17	9°57	13°10	22°22	26°22	9° 1	3°14	5° 5	28°26	25°19	26°47	18° 3	14°27	W 5
T 6	1 2 58	14° 7'08	2♑20	10°53	14°22	23° 1	26°33	8°59	3°13	5° 4	28°27	25°20	26°44	18° 9	14°26	T 6
F 7	1 6 55	15° 5'26	15°44	11°47	15°35	23°39	26°44	8°57	3°11	5° 2	28°28	25°R21	26°41	18°16	14°25	F 7
S 8	1 10 52	16° 3'46	29°31	12°38	16°47	24°18	26°55	8°56	3° 9	5° 1	28°29	25°20	26°38	18°23	14°24	S 8
S 9	1 14 48	17° 2'07	13♒43	13°25	18° 0	24°56	27° 6	8°54	3° 8	4°59	28°31	25°18	26°35	18°30	14°23	S 9
M10	1 18 45	18° 0'29	28°17	14° 9	19°13	25°35	27°18	8°52	3° 6	4°58	28°32	25°14	26°31	18°36	14°21	M10
T 11	1 22 41	18°58'53	13♓ 9	14°50	20°25	26°13	27°29	8°49	3° 5	4°56	28°33	25° 9	26°28	18°43	14°20	T 11
W12	1 26 38	19°57'18	28°13	15°26	21°38	26°52	27°41	8°47	3° 4	4°54	28°34	25° 4	26°25	18°50	14°19	W12
T 13	1 30 34	20°55'45	13♈19	15°58	22°51	27°30	27°52	8°45	3° 2	4°53	28°35	24°59	26°22	18°56	14°17	T 13
F 14	1 34 31	21°54'14	28°17	16°25	24° 4	28° 9	28° 4	8°42	3° 1	4°51	28°37	24°55	26°19	19° 3	14°16	F 14
S 15	1 38 27	22°52'44	12♉59	16°48	25°17	28°48	28°16	8°40	3° 0	4°50	28°38	24°53	26°16	19°10	14°14	S 15
S 16	1 42 24	23°51'17	27°19	17° 5	26°30	29°26	28°27	8°37	2°58	4°48	28°39	24°D53	26°12	19°17	14°12	S 16
M17	1 46 21	24°49'51	11♊13	17°16	27°44	0♏ 5	28°39	8°35	2°57	4°46	28°40	24°54	26° 9	19°23	14°11	M17
T 18	1 50 17	25°48'28	24°39	17°R21	28°57	0°44	28°51	8°32	2°56	4°45	28°41	24°55	26° 6	19°30	14° 9	T 18
W19	1 54 14	26°47'07	7♋41	17°20	0♎10	1°23	29° 3	8°29	2°55	4°43	28°42	24°57	26° 3	19°37	14° 7	W19
T 20	1 58 10	27°45'48	20°20	17°12	1°24	2° 1	29°15	8°26	2°54	4°41	28°43	24°58	26° 0	19°43	14° 5	T 20
F 21	2 2 7	28°44'31	2♌40	16°57	2°37	2°40	29°27	8°23	2°53	4°40	28°44	24°R58	25°56	19°50	14° 3	F 21
S 22	2 6 3	29°43'16	14°47	16°34	3°50	3°19	29°39	8°20	2°52	4°38	28°45	24°57	25°53	19°57	14° 1	S 22
S 23	2 10 0	0♏42'03	26°45	16° 4	5° 4	3°58	29°51	8°17	2°51	4°36	28°46	24°55	25°50	20° 4	13°59	S 23
M24	2 13 56	1°40'52	8♍37	15°27	6°18	4°37	0♐ 3	8°13	2°50	4°35	28°47	24°52	25°47	20°10	13°57	M24
T 25	2 17 53	2°39'44	20°28	14°43	7°31	5°16	0°16	8°10	2°49	4°33	28°48	24°48	25°44	20°17	13°55	T 25
W26	2 21 50	3°38'37	2♎21	13°51	8°45	5°55	0°28	8° 6	2°48	4°31	28°48	24°45	25°41	20°24	13°53	W26
T 27	2 25 46	4°37'33	14°19	12°54	9°59	6°34	0°40	8° 3	2°48	4°30	28°49	24°41	25°37	20°30	13°51	T 27
F 28	2 29 43	5°36'30	26°24	11°52	11°12	7°13	0°53	7°59	2°47	4°28	28°50	24°39	25°34	20°37	13°48	F 28
S 29	2 33 39	6°35'30	8♏37	10°45	12°26	7°52	1° 5	7°56	2°46	4°26	28°51	24°37	25°31	20°44	13°46	S 29
S 30	2 37 36	7°34'32	21° 0	9°36	13°40	8°31	1°17	7°52	2°46	4°25	28°52	24°D36	25°28	20°51	13°44	S 30
M31	2 41 32	8♏33'35	3♐34	8♏27	14♎54	9♏10	1♐30	7♊48	2♓45	4♉23	28♌52	24♉36	25♉25	20♍57	13♊41	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s38	9s 8	2n14	15s25	2s13	8n57	0n38	7s 3	0n41	18s 8	0n53	19n19	2s20	10s55	0s47	11n43	1s30	15n56	4n15	18n56	19n19	9n18	17n44	4s38
S 2	4 1	14 4	1 13	15 54	2 21	8 33	0 40	7 17	0 41	18 11	0 53	19 19	2 20	10 56	0 47	11 43	1 30	15 55	4 15	18 55	19 18	9 15	17 44	4 38
M 3	4 24	18 30	0 7	16 23	2 29	8 8	0 43	7 32	0 40	18 14	0 53	19 18	2 20	10 57	0 47	11 42	1 30	15 55	4 15	18 55	19 17	9 12	17 43	4 38
T 4	4 46	22 12	1s 1	16 51	2 37	7 43	0 45	7 47	0 40	18 16	0 52	19 18	2 20	10 57	0 47	11 42	1 30	15 55	4 15	18 55	19 17	9 9	17 43	4 39
W 5	5 9	24 54	2 6	17 17	2 45	7 18	0 48	8 1	0 39	18 19	0 52	19 18	2 20	10 58	0 47	11 41	1 30	15 54	4 15	18 55	19 16	9 6	17 42	4 39
T 6	5 31	26 20	3 7	17 42	2 53	6 53	0 50	8 16	0 39	18 22	0 52	19 17	2 20	10 58	0 47	11 41	1 30	15 54	4 15	18 56	19 15	9 3	17 42	4 40
F 7	5 54	26 16	4 0	18 6	3 0	6 27	0 53	8 30	0 38	18 24	0 52	19 17	2 21	10 59	0 47	11 40	1 30	15 54	4 15	18 56	19 14	9 0	17 41	4 40
S 8	6 16	24 38	4 40	18 28	3 7	6 1	0 55	8 45	0 38	18 27	0 52	19 16	2 21	10 59	0 47	11 40	1 30	15 53	4 16	18 56	19 14	8 58	17 41	4 40
S 9	6 38	21 25	5 4	18 49	3 14	5 35	0 57	8 59	0 37	18 30	0 52	19 16	2 21	11 0	0 47	11 39	1 30	15 53	4 16	18 55	19 13	8 55	17 40	4 41
M10	7 0	16 49	5 10	19 8	3 20	5 9	1 0	9 14	0 37	18 33	0 52	19 15	2 21	11 0	0 47	11 39	1 30	15 53	4 16	18 54	19 12	8 52	17 40	4 41
T 11	7 22	11 7	4 56	19 26	3 26	4 43	1 2	9 28	0 37	18 35	0 51	19 15	2 21	11 1	0 47	11 38	1 30	15 53	4 16	18 53	19 11	8 49	17 39	4 41
W12	7 44	4 42	4 21	19 41	3 32	4 16	1 4	9 42	0 36	18 38	0 51	19 14	2 21	11 1	0 47	11 38	1 30	15 52	4 16	18 52	19 11	8 46	17 39	4 42
T 13	8 6	2n 1	3 27	19 55	3 36	3 49	1 6	9 56	0 36	18 41	0 51	19 14	2 22	11 2	0 47	11 37	1 30	15 52	4 16	18 50	19 10	8 43	17 38	4 42
F 14	8 28	8 35	2 20	20 7	3 41	3 23	1 8	10 10	0 35	18 43	0 51	19 13	2 22	11 2	0 47	11 37	1 30	15 52	4 17	18 50	19 9	8 40	17 38	4 42
S 15	8 49	14 34	1 5	20 17	3 44	2 56	1 10	10 25	0 35	18 46	0 51	19 13	2 22	11 3	0 47	11 36	1 30	15 52	4 17	18 49	19 9	8 37	17 37	4 43
S 16	9 11	19 36	0n13	20 25	3 47	2 28	1 12	10 39	0 34	18 49	0 51	19 12	2 22	11 3	0 47	11 35	1 30	15 51	4 17	18 49	19 8	8 34	17 37	4 43
M17	9 32	23 23	1 28	20 30	3 49	2 1	1 13	10 52	0 34	18 51	0 51	19 12	2 22	11 4	0 47	11 35	1 30	15 51	4 17	18 49	19 7	8 31	17 36	4 43
T 18	9 53	25 43	2 36	20 32	3 50	1 34	1 15	11 6	0 33	18 54	0 51	19 11	2 22	11 4	0 47	11 34	1 30	15 51	4 17	18 50	19 6	8 28	17 36	4 44
W19	10 14	26 33	3 33	20 32	3 50	1 7	1 17	11 20	0 33	18 57	0 50	19 11	2 22	11 4	0 47	11 34	1 30	15 51	4 17	18 50	19 6	8 25	17 35	4 44
T 20	10 35	25 58	4 18	20 28	3 48	0 39	1 18	11 34	0 32	18 59	0 50	19 10	2 23	11 5	0 47	11 33	1 30	15 50	4 17	18 50	19 5	8 22	17 35	4 44
F 21	10 56	24 6	4 51	20 21	3 45	0 12	1 20	11 48	0 32	19 2	0 50	19 9	2 23	11 5	0 47	11 33	1 30	15 50	4 18	18 50	19 4	8 19	17 34	4 45
S 22	11 16	21 11	5 9	20 10	3 41	0s16	1 21	12 1	0 31	19 5	0 50	19 9	2 23	11 5	0 47	11 32	1 30	15 50	4 18	18 50	19 3	8 16	17 34	4 45
S 23	11 37	17 24	5 14	19 56	3 35	0 44	1 23	12 15	0 31	19 7	0 50	19 8	2 23	11 6	0 47	11 32	1 30	15 50	4 18	18 50	19 3	8 13	17 33	4 45
M24	11 57	12 59	5 5	19 38	3 28	1 11	1 24	12 28	0 30	19 10	0 50	19 8	2 23	11 6	0 47	11 31	1 30	15 50	4 18	18 49	19 2	8 11	17 33	4 46
T 25	12 17	8 5	4 43	19 16	3 19	1 39	1 25	12 41	0 30	19 13	0 50	19 7	2 23	11 6	0 47	11 30	1 30	15 50	4 18	18 48	19 1	8 8	17 32	4 46
W26	12 37	2 53	4 9	18 51	3 8	2 7	1 26	12 55	0 29	19 15	0 50	19 6	2 23	11 6	0 47	11 30	1 30	15 49	4 18	18 47	19 0	8 5	17 32	4 46
T 27	12 57	2s27	3 24	18 21	2 55	2 35	1 27	13 8	0 29	19 18	0 50	19 6	2 23	11 7	0 47	11 29	1 30	15 49	4 19	18 46	19 0	8 2	17 31	4 46
F 28	13 16	7 46	2 29	17 48	2 40	3 2	1 28	13 21	0 28	19 21	0 50	19 5	2 24	11 7	0 47	11 29	1 30	15 49	4 19	18 46	18 59	7 59	17 30	4 47
S 29	13 36	12 52	1 27	17 12	2 24	3 30	1 29	13 34	0 28	19 23	0 49	19 4	2 24	11 7	0 46	11 28	1 30	15 49	4 19	18 45	18 58	7 56	17 30	4 47
S 30	13 55	17 32	0 20	16 34	2 7	3 58	1 30	13 47	0 27	19 26	0 49	19 4	2 24	11 7	0 46	11 28	1 30	15 49	4 19	18 45	18 57	7 53	17 29	4 47
M31	14s14	21s29	0s49	15s54	1s48	4s25	1n31	14s 0	0n27	19s28	0n49	19n 3	2s24	11s 7	0s46	11n27	1s30	15n49	4n19	18n45	18n57	7n50	17n29	4s48

Julian Day Number = 3064695.5, Delta T = 02h33m21s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'33, Lahiri = 47°23'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3678
geocentric

NOVEMBER 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 45 29	9♏32'40	16♐21	7°R19	16♎ 8	9♏49	1♐42	7°R44	2°R45	4°R21	28♌53	24♉37	25♉22	21♍ 4	13°R39	T 1
W 2	2 49 25	10°31'48	29°21	6♏13	17°22	10°28	1°55	7♊40	2♓44	4♉20	28°54	24°38	25°18	21°11	13♊36	W 2
T 3	2 53 22	11°30'57	12♑35	5°13	18°36	11° 7	2° 8	7°36	2°44	4°18	28°55	24°40	25°15	21°17	13°34	T 3
F 4	2 57 19	12°30'07	26° 5	4°19	19°50	11°47	2°20	7°32	2°43	4°16	28°55	24°40	25°12	21°24	13°31	F 4
S 5	3 1 15	13°29'19	9♒52	3°33	21° 4	12°26	2°33	7°28	2°43	4°15	28°56	24°R41	25° 9	21°31	13°29	S 5
S 6	3 5 12	14°28'33	23°54	2°56	22°18	13° 5	2°46	7°24	2°43	4°13	28°56	24°41	25° 6	21°37	13°26	S 6
M 7	3 9 8	15°27'49	8♓12	2°30	23°32	13°45	2°58	7°20	2°43	4°11	28°57	24°40	25° 2	21°44	13°23	M 7
T 8	3 13 5	16°27'05	22°43	2°14	24°47	14°24	3°11	7°15	2°42	4°10	28°58	24°39	24°59	21°51	13°20	T 8
W 9	3 17 1	17°26'24	7♈21	2°D10	26° 1	15° 3	3°24	7°11	2°42	4° 8	28°58	24°38	24°56	21°58	13°18	W 9
T 10	3 20 58	18°25'45	22° 2	2°16	27°15	15°43	3°37	7° 6	2°42	4° 7	28°59	24°38	24°53	22° 4	13°15	T 10
F 11	3 24 54	19°25'07	6♉39	2°33	28°29	16°22	3°50	7° 2	2°D42	4° 5	28°59	24°37	24°50	22°11	13°12	F 11
S 12	3 28 51	20°24'31	21° 6	3° 0	29°44	17° 2	4° 3	6°58	2°42	4° 3	29° 0	24°D37	24°47	22°18	13° 9	S 12
S 13	3 32 47	21°23'57	5♊17	3°37	0♏58	17°41	4°15	6°53	2°42	4° 2	29° 0	24°37	24°43	22°24	13° 6	S 13
M14	3 36 44	22°23'25	19° 7	4°22	2°13	18°21	4°28	6°49	2°42	4° 0	29° 0	24°37	24°40	22°31	13° 3	M14
T 15	3 40 41	23°22'56	2♋35	5°15	3°27	19° 0	4°41	6°44	2°43	3°59	29° 1	24°37	24°37	22°38	13° 0	T 15
W16	3 44 37	24°22'28	15°39	6°15	4°42	19°40	4°54	6°39	2°43	3°57	29° 1	24°R38	24°34	22°45	12°58	W16
T 17	3 48 34	25°22'03	28°22	7°22	5°56	20°19	5° 7	6°35	2°43	3°56	29° 2	24°37	24°31	22°51	12°55	T 17
F 18	3 52 30	26°21'39	10♌46	8°34	7°11	20°59	5°20	6°30	2°44	3°54	29° 2	24°37	24°28	22°58	12°51	F 18
S 19	3 56 27	27°21'18	22°56	9°51	8°25	21°39	5°33	6°25	2°44	3°53	29° 2	24°D37	24°24	23° 5	12°48	S 19
S 20	4 0 23	28°20'59	4♍54	11°12	9°40	22°18	5°46	6°21	2°44	3°51	29° 2	24°37	24°21	23°11	12°45	S 20
M21	4 4 20	29°20'42	16°47	12°37	10°55	22°58	5°59	6°16	2°45	3°50	29° 3	24°38	24°18	23°18	12°42	M21
T 22	4 8 17	0♐20'27	28°39	14° 4	12° 9	23°38	6°12	6°11	2°45	3°48	29° 3	24°38	24°15	23°25	12°39	T 22
W23	4 12 13	1°20'15	10♎33	15°34	13°24	24°18	6°26	6° 6	2°46	3°47	29° 3	24°39	24°12	23°31	12°36	W23
T 24	4 16 10	2°20'04	22°35	17° 5	14°39	24°58	6°39	6° 2	2°47	3°45	29° 3	24°39	24° 8	23°38	12°33	T 24
F 25	4 20 6	3°19'56	4♏47	18°39	15°54	25°37	6°52	5°57	2°47	3°44	29° 3	24°40	24° 5	23°45	12°30	F 25
S 26	4 24 3	4°19'49	17°12	20°13	17° 8	26°17	7° 5	5°52	2°48	3°43	29° 3	24°41	24° 2	23°52	12°27	S 26
S 27	4 27 59	5°19'44	29°51	21°49	18°23	26°57	7°18	5°47	2°49	3°41	29° 3	24°R41	23°59	23°58	12°23	S 27
M28	4 31 56	6°19'42	12♐46	23°25	19°38	27°37	7°31	5°42	2°50	3°40	29° 3	24°40	23°56	24° 5	12°20	M28
T 29	4 35 52	7°19'41	25°56	25° 2	20°53	28°17	7°44	5°37	2°51	3°39	29°R 3	24°39	23°53	24°12	12°17	T 29
W30	4 39 49	8♐19'42	9♑20	26♏40	22♏ 8	28♏57	7♐57	5♊33	2♓52	3♉37	29♌ 3	24♉37	23♉49	24♍18	12♊14	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s32	24s29	1s57	15s13	1s28	4s53	1n32	14s13	0n26	19s31	0n49	19n 2	2s24	11s 8	0s46	11n27	1s30	15n49	4n20	18n45	18n56	7n47	17n28	4s48
W 2	14 51	26 14	3 1	14 32	1 7	5 20	1 32	14 25	0 26	19 34	0 49	19 1	2 24	11 8	0 46	11 26	1 30	15 49	4 20	18 46	18 55	7 44	17 28	4 48
T 3	15 9	26 32	3 55	13 53	0 47	5 48	1 33	14 38	0 25	19 36	0 49	19 1	2 24	11 8	0 46	11 25	1 30	15 49	4 20	18 46	18 54	7 41	17 27	4 48
F 4	15 27	25 18	4 38	13 15	0 26	6 15	1 33	14 50	0 25	19 39	0 49	19 0	2 24	11 8	0 46	11 25	1 30	15 49	4 20	18 46	18 54	7 38	17 27	4 49
S 5	15 45	22 32	5 6	12 41	0 6	6 42	1 34	15 3	0 24	19 41	0 49	18 59	2 24	11 8	0 46	11 24	1 30	15 49	4 20	18 46	18 53	7 35	17 26	4 49
S 6	16 2	18 25	5 17	12 11	0n13	7 9	1 34	15 15	0 24	19 44	0 49	18 59	2 24	11 8	0 46	11 24	1 30	15 48	4 20	18 46	18 52	7 32	17 25	4 49
M 7	16 20	13 11	5 8	11 45	0 31	7 36	1 34	15 27	0 23	19 46	0 49	18 58	2 24	11 8	0 46	11 23	1 30	15 48	4 21	18 46	18 51	7 29	17 25	4 49
T 8	16 36	7 9	4 40	11 24	0 47	8 3	1 34	15 39	0 23	19 49	0 48	18 57	2 24	11 8	0 46	11 23	1 30	15 48	4 21	18 46	18 51	7 26	17 24	4 50
W 9	16 53	0 41	3 53	11 9	1 2	8 29	1 34	15 51	0 22	19 51	0 48	18 56	2 24	11 8	0 46	11 22	1 30	15 48	4 21	18 46	18 50	7 23	17 24	4 50
T 10	17 10	5n52	2 51	10 58	1 16	8 56	1 34	16 3	0 22	19 54	0 48	18 56	2 25	11 8	0 46	11 22	1 30	15 48	4 21	18 45	18 49	7 20	17 23	4 50
F 11	17 26	12 4	1 38	10 53	1 27	9 22	1 34	16 15	0 21	19 56	0 48	18 55	2 25	11 8	0 46	11 21	1 30	15 48	4 21	18 45	18 48	7 17	17 23	4 50
S 12	17 41	17 34	0 19	10 52	1 38	9 48	1 34	16 26	0 21	19 59	0 48	18 54	2 25	11 8	0 46	11 21	1 30	15 48	4 22	18 45	18 48	7 14	17 22	4 51
S 13	17 57	21 57	0n59	10 57	1 46	10 14	1 34	16 38	0 20	20 1	0 48	18 53	2 25	11 8	0 46	11 20	1 30	15 48	4 22	18 45	18 47	7 11	17 21	4 51
M14	18 12	24 58	2 12	11 5	1 53	10 40	1 34	16 49	0 20	20 3	0 48	18 52	2 25	11 8	0 46	11 20	1 30	15 48	4 22	18 45	18 46	7 8	17 21	4 51
T 15	18 27	26 27	3 15	11 18	1 58	11 5	1 34	17 0	0 19	20 6	0 48	18 52	2 25	11 8	0 46	11 19	1 30	15 48	4 22	18 45	18 45	7 5	17 20	4 51
W16	18 42	26 24	4 7	11 33	2 2	11 30	1 33	17 12	0 19	20 8	0 48	18 51	2 25	11 8	0 46	11 19	1 30	15 49	4 22	18 45	18 44	7 2	17 20	4 51
T 17	18 56	24 57	4 45	11 52	2 5	11 55	1 33	17 23	0 18	20 11	0 48	18 50	2 25	11 8	0 46	11 18	1 30	15 49	4 22	18 45	18 44	6 59	17 19	4 52
F 18	19 10	22 19	5 8	12 14	2 7	12 20	1 32	17 33	0 18	20 13	0 48	18 49	2 25	11 7	0 46	11 18	1 30	15 49	4 23	18 45	18 43	6 56	17 19	4 52
S 19	19 24	18 45	5 17	12 37	2 7	12 44	1 32	17 44	0 17	20 15	0 48	18 49	2 25	11 7	0 46	11 17	1 30	15 49	4 23	18 45	18 42	6 53	17 18	4 52
S 20	19 37	14 28	5 12	13 3	2 7	13 8	1 31	17 55	0 17	20 18	0 48	18 48	2 25	11 7	0 46	11 17	1 30	15 49	4 23	18 45	18 41	6 50	17 18	4 52
M21	19 50	9 41	4 54	13 30	2 5	13 32	1 30	18 5	0 16	20 20	0 48	18 47	2 25	11 7	0 46	11 16	1 30	15 49	4 23	18 45	18 41	6 47	17 17	4 52
T 22	20 2	4 34	4 23	13 57	2 3	13 56	1 29	18 16	0 15	20 22	0 47	18 46	2 25	11 7	0 46	11 16	1 30	15 49	4 23	18 45	18 40	6 44	17 17	4 52
W23	20 15	0s45	3 41	14 26	2 0	14 19	1 29	18 26	0 15	20 25	0 47	18 45	2 25	11 6	0 46	11 15	1 30	15 49	4 24	18 46	18 39	6 41	17 16	4 53
T 24	20 27	6 6	2 49	14 55	1 57	14 41	1 28	18 36	0 14	20 27	0 47	18 45	2 25	11 6	0 46	11 15	1 30	15 49	4 24	18 46	18 38	6 38	17 15	4 53
F 25	20 38	11 18	1 48	15 25	1 52	15 4	1 27	18 46	0 14	20 29	0 47	18 44	2 25	11 6	0 46	11 14	1 30	15 49	4 24	18 46	18 38	6 34	17 15	4 53
S 26	20 49	16 9	0 41	15 54	1 48	15 26	1 26	18 56	0 13	20 31	0 47	18 43	2 25	11 5	0 45	11 14	1 30	15 50	4 24	18 46	18 37	6 31	17 14	4 53
S 27	21 0	20 24	0s29	16 24	1 43	15 48	1 24	19 6	0 13	20 33	0 47	18 42	2 24	11 5	0 45	11 13	1 30	15 50	4 24	18 46	18 36	6 28	17 14	4 53
M28	21 10	23 45	1 38	16 53	1 37	16 9	1 23	19 15	0 12	20 36	0 47	18 42	2 24	11 5	0 45	11 13	1 30	15 50	4 24	18 46	18 35	6 25	17 13	4 53
T 29	21 20	25 54	2 44	17 22	1 32	16 30	1 22	19 25	0 12	20 38	0 47	18 41	2 24	11 4	0 45	11 13	1 30	15 50	4 25	18 46	18 34	6 22	17 13	4 53
W30	21s30	26s36	3s42	17s51	1n26	16s50	1n21	19s34	0n11	20s40	0n47	18n40	2s24	11s 4	0s45	11n12	1s30	15n50	4n25	18n45	18n34	6n19	17n12	4s54

Julian Day Number = 3064726.5, Delta T = 02h33m22s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'37, Lahiri = 47°23'38

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ASTRODIENST EPHEMERIS for the year 3678
geocentric

DECEMBER 3678 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 43 46	9♐19'44	22♑57	28♏17	23♏23	29♏38	8♐10	5°R28	2♓53	3°R36	29°R 3	24°R35	23♉46	24♍25	12°R11	T 1
F 2	4 47 42	10°19'48	6♒45	29°55	24°38	0♐18	8°24	5♊23	2°54	3♉35	29♌ 3	24♉33	23°43	24°32	12♊ 7	F 2
S 3	4 51 39	11°19'54	20°43	1♐33	25°53	0°58	8°37	5°18	2°55	3°33	29° 3	24°32	23°40	24°39	12° 4	S 3
S 4	4 55 35	12°20'01	4♓47	3°11	27° 8	1°38	8°50	5°14	2°56	3°32	29° 3	24°31	23°37	24°45	12° 1	S 4
M 5	4 59 32	13°20'09	18°57	4°48	28°23	2°18	9° 3	5° 9	2°57	3°31	29° 3	24°D31	23°34	24°52	11°58	M 5
T 6	5 3 28	14°20'18	3♈10	6°26	29°38	2°59	9°16	5° 4	2°59	3°30	29° 3	24°32	23°30	24°59	11°55	T 6
W 7	5 7 25	15°20'29	17°25	8° 3	0♐53	3°39	9°29	4°59	3° 0	3°29	29° 3	24°33	23°27	25° 5	11°51	W 7
T 8	5 11 21	16°20'42	1♉37	9°40	2° 8	4°19	9°42	4°55	3° 1	3°28	29° 2	24°34	23°24	25°12	11°48	T 8
F 9	5 15 18	17°20'55	15°46	11°17	3°23	4°59	9°55	4°50	3° 3	3°26	29° 2	24°35	23°21	25°19	11°45	F 9
S 10	5 19 15	18°21'11	29°46	12°54	4°38	5°40	10° 8	4°45	3° 4	3°25	29° 2	24°R35	23°18	25°25	11°42	S 10
S 11	5 23 11	19°21'28	13♊35	14°31	5°53	6°20	10°21	4°41	3° 6	3°24	29° 1	24°34	23°14	25°32	11°39	S 11
M12	5 27 8	20°21'46	27°10	16° 7	7° 8	7° 1	10°34	4°36	3° 7	3°23	29° 1	24°32	23°11	25°39	11°35	M12
T 13	5 31 4	21°22'06	10♋29	17°43	8°23	7°41	10°47	4°32	3° 9	3°22	29° 1	24°28	23° 8	25°46	11°32	T 13
W14	5 35 1	22°22'28	23°29	19°19	9°39	8°22	11° 0	4°27	3°10	3°21	29° 0	24°24	23° 5	25°52	11°29	W14
T 15	5 38 57	23°22'52	6♌11	20°54	10°54	9° 2	11°13	4°23	3°12	3°20	29° 0	24°19	23° 2	25°59	11°26	T 15
F 16	5 42 54	24°23'17	18°35	22°29	12° 9	9°43	11°26	4°19	3°14	3°20	29° 0	24°14	22°59	26° 6	11°23	F 16
S 17	5 46 51	25°23'43	0♍46	24° 5	13°24	10°24	11°39	4°14	3°16	3°19	28°59	24°10	22°55	26°12	11°20	S 17
S 18	5 50 47	26°24'12	12°45	25°39	14°39	11° 4	11°52	4°10	3°17	3°18	28°59	24° 8	22°52	26°19	11°17	S 18
M19	5 54 44	27°24'42	24°38	27°14	15°55	11°45	12° 5	4° 6	3°19	3°17	28°58	24°D 7	22°49	26°26	11°14	M19
T 20	5 58 40	28°25'13	6♎29	28°49	17°10	12°26	12°18	4° 2	3°21	3°16	28°58	24° 7	22°46	26°32	11°10	T 20
W21	6 2 37	29°25'47	18°23	0♑23	18°25	13° 7	12°31	3°57	3°23	3°15	28°57	24° 8	22°43	26°39	11° 7	W21
T 22	6 6 33	0♑26'22	0♏25	1°57	19°40	13°47	12°44	3°53	3°25	3°15	28°56	24°10	22°39	26°46	11° 4	T 22
F 23	6 10 30	1°26'58	12°40	3°32	20°56	14°28	12°57	3°49	3°27	3°14	28°56	24°12	22°36	26°53	11° 1	F 23
S 24	6 14 26	2°27'37	25°12	5° 6	22°11	15° 9	13° 9	3°46	3°29	3°13	28°55	24°R12	22°33	26°59	10°59	S 24
S 25	6 18 23	3°28'16	8♐ 4	6°39	23°26	15°50	13°22	3°42	3°31	3°13	28°55	24°11	22°30	27° 6	10°56	S 25
M26	6 22 20	4°28'57	21°17	8°13	24°42	16°31	13°35	3°38	3°33	3°12	28°54	24° 8	22°27	27°13	10°53	M26
T 27	6 26 16	5°29'40	4♑50	9°47	25°57	17°12	13°48	3°34	3°36	3°11	28°53	24° 3	22°24	27°19	10°50	T 27
W28	6 30 13	6°30'23	18°42	11°21	27°12	17°53	14° 0	3°31	3°38	3°11	28°52	23°57	22°20	27°26	10°47	W28
T 29	6 34 9	7°31'08	2♒48	12°55	28°28	18°34	14°13	3°27	3°40	3°10	28°52	23°50	22°17	27°33	10°44	T 29
F 30	6 38 6	8°31'54	17° 4	14°28	29°43	19°15	14°26	3°23	3°43	3°10	28°51	23°42	22°14	27°39	10°41	F 30
S 31	6 42 2	9♑32'40	1♓25	16♑ 2	0♑58	19♐57	14♐38	3♊20	3♓45	3♉ 9	28♌50	23♉36	22♉11	27♍46	10♊39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s39	25 s43	4 s29	18 s19	1n19	17 s10	1n19	19 s43	0n11	20 s42	0n47	18n39	2 s24	11 s 4	0 s45	11n12	1 s30	15n50	4n25	18n45	18n33	6n16	17n12	4 s54
F 2	21 48	23 16	5 0	18 46	1 13	17 30	1 18	19 52	0 10	20 44	0 47	18 39	2 24	11 3	0 45	11 11	1 30	15 51	4 25	18 44	18 32	6 13	17 11	4 54
S 3	21 56	19 26	5 15	19 12	1 6	17 49	1 17	20 1	0 10	20 46	0 47	18 38	2 24	11 3	0 45	11 11	1 30	15 51	4 25	18 44	18 31	6 10	17 11	4 54
S 4	22 4	14 29	5 10	19 38	1 0	18 7	1 15	20 9	0 9	20 48	0 47	18 37	2 24	11 2	0 45	11 11	1 30	15 51	4 26	18 44	18 31	6 7	17 10	4 54
M 5	22 12	8 45	4 47	20 2	0 53	18 26	1 14	20 18	0 8	20 50	0 47	18 36	2 24	11 2	0 45	11 10	1 30	15 51	4 26	18 44	18 30	6 4	17 10	4 54
T 6	22 19	2 32	4 7	20 26	0 46	18 43	1 12	20 26	0 8	20 52	0 47	18 36	2 24	11 1	0 45	11 10	1 29	15 51	4 26	18 44	18 29	6 1	17 9	4 54
W 7	22 26	3n50	3 11	20 49	0 39	19 0	1 10	20 34	0 7	20 54	0 47	18 35	2 24	11 1	0 45	11 10	1 29	15 52	4 26	18 44	18 28	5 58	17 9	4 54
T 8	22 32	10 0	2 3	21 11	0 32	19 17	1 9	20 42	0 7	20 56	0 47	18 34	2 24	11 0	0 45	11 9	1 29	15 52	4 26	18 45	18 27	5 55	17 8	4 54
F 9	22 38	15 38	0 48	21 31	0 25	19 33	1 7	20 50	0 6	20 58	0 47	18 33	2 24	11 0	0 45	11 9	1 29	15 52	4 27	18 45	18 27	5 52	17 8	4 54
S 10	22 43	20 23	0n28	21 51	0 18	19 49	1 5	20 58	0 6	21 0	0 47	18 33	2 23	10 59	0 45	11 9	1 29	15 52	4 27	18 45	18 26	5 49	17 7	4 54
S 11	22 48	23 55	1 43	22 9	0 11	20 4	1 3	21 5	0 5	21 2	0 47	18 32	2 23	10 59	0 45	11 8	1 29	15 53	4 27	18 45	18 25	5 46	17 7	4 54
M12	22 53	26 1	2 49	22 27	0 4	20 18	1 1	21 13	0 4	21 4	0 47	18 31	2 23	10 58	0 45	11 8	1 29	15 53	4 27	18 44	18 24	5 42	17 6	4 54
T 13	22 57	26 34	3 45	22 43	0 s 3	20 32	0 59	21 20	0 4	21 6	0 46	18 31	2 23	10 58	0 45	11 8	1 29	15 53	4 27	18 43	18 23	5 39	17 6	4 54
W14	23 0	25 37	4 28	22 58	0 10	20 45	0 57	21 27	0 3	21 8	0 46	18 30	2 23	10 57	0 45	11 7	1 29	15 54	4 27	18 42	18 23	5 36	17 6	4 54
T 15	23 4	23 21	4 57	23 12	0 17	20 58	0 55	21 34	0 3	21 9	0 46	18 29	2 23	10 56	0 45	11 7	1 29	15 54	4 28	18 41	18 22	5 33	17 5	4 54
F 16	23 6	20 3	5 11	23 24	0 23	21 10	0 53	21 40	0 2	21 11	0 46	18 29	2 23	10 56	0 45	11 7	1 29	15 54	4 28	18 40	18 21	5 30	17 5	4 55
S 17	23 9	15 57	5 10	23 36	0 30	21 21	0 51	21 47	0 2	21 13	0 46	18 28	2 22	10 55	0 45	11 7	1 29	15 55	4 28	18 39	18 20	5 27	17 4	4 55
S 18	23 11	11 17	4 56	23 46	0 37	21 32	0 49	21 53	0 1	21 15	0 46	18 27	2 22	10 54	0 45	11 6	1 29	15 55	4 28	18 38	18 19	5 24	17 4	4 55
M19	23 12	6 15	4 29	23 55	0 43	21 43	0 47	21 59	0 0	21 16	0 46	18 27	2 22	10 54	0 45	11 6	1 29	15 55	4 28	18 38	18 19	5 21	17 4	4 55
T 20	23 13	1 0	3 51	24 2	0 49	21 52	0 45	22 5	0 s 0	21 18	0 46	18 26	2 22	10 53	0 45	11 6	1 29	15 56	4 28	18 38	18 18	5 18	17 3	4 55
W21	23 13	4 s19	3 3	24 9	0 55	22 1	0 43	22 11	0 1	21 20	0 46	18 26	2 22	10 52	0 45	11 6	1 29	15 56	4 29	18 38	18 17	5 15	17 3	4 54
T 22	23 13	9 33	2 6	24 14	1 1	22 9	0 40	22 16	0 1	21 21	0 46	18 25	2 22	10 51	0 45	11 5	1 29	15 56	4 29	18 39	18 16	5 12	17 2	4 54
F 23	23 13	14 31	1 2	24 18	1 7	22 17	0 38	22 22	0 2	21 23	0 46	18 25	2 21	10 51	0 45	11 5	1 29	15 57	4 29	18 39	18 15	5 9	17 2	4 54
S 24	23 12	18 59	0 s 5	24 21	1 13	22 24	0 36	22 27	0 2	21 25	0 46	18 24	2 21	10 50	0 45	11 5	1 29	15 57	4 29	18 39	18 15	5 5	17 2	4 54
S 25	23 11	22 41	1 15	24 22	1 18	22 30	0 33	22 32	0 3	21 26	0 46	18 23	2 21	10 49	0 44	11 5	1 29	15 57	4 29	18 39	18 14	5 2	17 1	4 54
M26	23 9	25 18	2 22	24 22	1 24	22 36	0 31	22 37	0 4	21 28	0 46	18 23	2 21	10 48	0 44	11 5	1 29	15 58	4 30	18 38	18 13	4 59	17 1	4 54
T 27	23 7	26 30	3 22	24 21	1 29	22 41	0 29	22 41	0 4	21 29	0 46	18 22	2 21	10 47	0 44	11 4	1 29	15 58	4 30	18 37	18 12	4 56	17 1	4 54
W28	23 4	26 6	4 12	24 18	1 34	22 45	0 26	22 45	0 5	21 31	0 46	18 22	2 21	10 47	0 44	11 4	1 29	15 59	4 30	18 36	18 11	4 53	17 0	4 54
T 29	23 1	24 1	4 48	24 14	1 39	22 49	0 24	22 50	0 5	21 32	0 46	18 21	2 20	10 46	0 44	11 4	1 29	15 59	4 30	18 34	18 11	4 50	17 0	4 54
F 30	22 57	20 26	5 6	24 9	1 43	22 52	0 22	22 54	0 6	21 34	0 46	18 21	2 20	10 45	0 44	11 4	1 29	16 0	4 30	18 32	18 10	4 47	17 0	4 54
S 31	22 s53	15 s38	5 s 5	24 s 3	1 s47	22 s54	0n19	22 s57	0 s 7	21 s35	0n46	18n21	2 s20	10 s44	0 s44	11n 4	1 s29	16n 0	4n30	18n30	18n 9	4n44	16n59	4 s54

Julian Day Number = 3064756.5, Delta T = 02h33m23s
Ecliptic obliquity = 23°13'29, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'42, Lahiri = 47°23'42

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

JANUARY 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 45 59	10♑33'28	15♓45	17♑36	2♑14	20♐38	14♐51	3°R17	3♓47	3°R 9	28°R49	23°R31	22♉ 8	27♍53	10°R36	S 1
M 2	6 49 55	11°34'16	0♈ 0	19° 9	3°29	21°19	15° 3	3♊13	3°50	3♉ 9	28♌49	23♉29	22° 5	28° 0	10♊33	M 2
T 3	6 53 52	12°35'04	14° 9	20°43	4°45	22° 0	15°15	3°10	3°52	3° 8	28°48	23°D28	22° 1	28° 6	10°31	T 3
W 4	6 57 49	13°35'54	28° 9	22°16	6° 0	22°42	15°28	3° 7	3°55	3° 8	28°47	23°29	21°58	28°13	10°28	W 4
T 5	7 1 45	14°36'44	12♉ 1	23°50	7°15	23°23	15°40	3° 4	3°57	3° 8	28°46	23°30	21°55	28°20	10°26	T 5
F 6	7 5 42	15°37'35	25°43	25°24	8°31	24° 4	15°52	3° 1	4° 0	3° 7	28°45	23°R30	21°52	28°26	10°23	F 6
S 7	7 9 38	16°38'26	9♊16	26°57	9°46	24°46	16° 5	2°59	4° 2	3° 7	28°44	23°29	21°49	28°33	10°21	S 7
S 8	7 13 35	17°39'19	22°39	28°31	11° 2	25°27	16°17	2°56	4° 5	3° 7	28°43	23°26	21°46	28°40	10°18	S 8
M 9	7 17 31	18°40'12	5♋51	0♒ 4	12°17	26° 9	16°29	2°53	4° 8	3° 7	28°42	23°19	21°42	28°46	10°16	M 9
T 10	7 21 28	19°41'05	18°51	1°38	13°32	26°50	16°41	2°51	4°11	3° 7	28°41	23°11	21°39	28°53	10°14	T 10
W11	7 25 25	20°42'00	1♌38	3°11	14°48	27°32	16°53	2°48	4°13	3° 7	28°40	23° 0	21°36	29° 0	10°11	W11
T 12	7 29 21	21°42'55	14°12	4°44	16° 3	28°13	17° 5	2°46	4°16	3° 7	28°39	22°49	21°33	29° 6	10° 9	T 12
F 13	7 33 18	22°43'51	26°32	6°17	17°19	28°55	17°17	2°44	4°19	3°D 7	28°38	22°38	21°30	29°13	10° 7	F 13
S 14	7 37 14	23°44'48	8♍39	7°49	18°34	29°37	17°29	2°42	4°22	3° 7	28°37	22°28	21°26	29°20	10° 5	S 14
S 15	7 41 11	24°45'45	20°37	9°22	19°50	0♑18	17°40	2°40	4°25	3° 7	28°36	22°20	21°23	29°27	10° 3	S 15
M16	7 45 7	25°46'43	2♎29	10°53	21° 5	1° 0	17°52	2°38	4°28	3° 7	28°35	22°14	21°20	29°33	10° 1	M16
T 17	7 49 4	26°47'42	14°18	12°24	22°21	1°42	18° 4	2°36	4°31	3° 7	28°34	22°11	21°17	29°40	9°59	T 17
W18	7 53 0	27°48'42	26°10	13°55	23°36	2°24	18°15	2°34	4°33	3° 7	28°33	22°D10	21°14	29°47	9°57	W18
T 19	7 56 57	28°49'43	8♏10	15°24	24°51	3° 6	18°27	2°32	4°36	3° 7	28°32	22°11	21°11	29°53	9°55	T 19
F 20	8 0 54	29°50'45	20°23	16°53	26° 7	3°47	18°38	2°31	4°39	3° 8	28°30	22°R11	21° 7	0♎ 0	9°54	F 20
S 21	8 4 50	0♒51'47	2♐55	18°20	27°22	4°29	18°49	2°29	4°43	3° 8	28°29	22°11	21° 4	0° 7	9°52	S 21
S 22	8 8 47	1°52'50	15°50	19°45	28°38	5°11	19° 1	2°28	4°46	3° 8	28°28	22° 8	21° 1	0°13	9°50	S 22
M23	8 12 43	2°53'53	29°11	21° 8	29°53	5°53	19°12	2°27	4°49	3° 8	28°27	22° 3	20°58	0°20	9°49	M23
T 24	8 16 40	3°54'57	12♑59	22°30	1♒ 9	6°35	19°23	2°26	4°52	3° 9	28°26	21°55	20°55	0°27	9°47	T 24
W25	8 20 36	4°56'01	27°11	23°48	2°24	7°18	19°34	2°25	4°55	3° 9	28°24	21°45	20°52	0°33	9°45	W25
T 26	8 24 33	5°57'06	11♒43	25° 3	3°40	8° 0	19°45	2°24	4°58	3°10	28°23	21°34	20°48	0°40	9°44	T 26
F 27	8 28 29	6°58'11	26°27	26°15	4°56	8°42	19°56	2°23	5° 1	3°10	28°22	21°22	20°45	0°47	9°43	F 27
S 28	8 32 26	7°59'16	11♓16	27°22	6°11	9°24	20° 7	2°23	5° 5	3°11	28°21	21°11	20°42	0°54	9°41	S 28
S 29	8 36 23	9° 0'20	26° 1	28°24	7°27	10° 6	20°18	2°22	5° 8	3°11	28°19	21° 3	20°39	1° 0	9°40	S 29
M30	8 40 19	10° 1'25	10♈35	29°20	8°42	10°49	20°28	2°22	5°11	3°12	28°18	20°58	20°36	1° 7	9°39	M30
T 31	8 44 16	11♒ 2'29	24♈54	0♓ 9	9♒58	11♑31	20♐39	2♊21	5♓14	3♉12	28♌17	20♉55	20♉32	1♎14	9♊38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	9s58	4s45	23s55	1s51	22s56	0n17	23s 1	0s 7	21s36	0n46	18n20	2s20	10s43	0s44	11n 4	1s29	16n 0	4n31	18n29	18n 8	4n41	16n59	4s54
M 2	22 44	3 48	4 8	23 46	1 55	22 56	0 14	23 4	0 8	21 38	0 46	18 20	2 19	10 42	0 44	11 4	1 28	16 1	4 31	18 29	18 7	4 37	16 59	4 54
T 3	22 38	2n31	3 16	23 36	1 59	22 56	0 12	23 8	0 8	21 39	0 46	18 19	2 19	10 41	0 44	11 4	1 28	16 1	4 31	18 28	18 7	4 34	16 59	4 54
W 4	22 32	8 40	2 12	23 24	2 2	22 56	0 10	23 11	0 9	21 41	0 46	18 19	2 19	10 40	0 44	11 4	1 28	16 2	4 31	18 29	18 6	4 31	16 58	4 54
T 5	22 26	14 20	1 1	23 11	2 5	22 55	0 7	23 13	0 10	21 42	0 46	18 19	2 19	10 39	0 44	11 4	1 28	16 2	4 31	18 29	18 5	4 28	16 58	4 54
F 6	22 19	19 13	0n12	22 57	2 7	22 53	0 5	23 16	0 10	21 43	0 46	18 18	2 19	10 39	0 44	11 4	1 28	16 3	4 31	18 29	18 4	4 25	16 58	4 53
S 7	22 12	23 1	1 24	22 42	2 9	22 50	0 2	23 18	0 11	21 44	0 46	18 18	2 18	10 38	0 44	11 4	1 28	16 3	4 31	18 29	18 3	4 22	16 58	4 53
S 8	22 4	25 31	2 30	22 25	2 11	22 46	0s 0	23 20	0 11	21 46	0 46	18 18	2 18	10 37	0 44	11 3	1 28	16 4	4 32	18 28	18 3	4 19	16 57	4 53
M 9	21 56	26 32	3 27	22 7	2 13	22 42	0 3	23 22	0 12	21 47	0 46	18 18	2 18	10 36	0 44	11 3	1 28	16 4	4 32	18 26	18 2	4 16	16 57	4 53
T 10	21 48	26 4	4 12	21 48	2 14	22 38	0 5	23 24	0 13	21 48	0 46	18 17	2 18	10 35	0 44	11 3	1 28	16 5	4 32	18 24	18 1	4 12	16 57	4 53
W11	21 39	24 13	4 43	21 28	2 15	22 32	0 7	23 25	0 13	21 49	0 46	18 17	2 17	10 34	0 44	11 4	1 28	16 5	4 32	18 21	18 0	4 9	16 57	4 53
T 12	21 29	21 13	5 0	21 6	2 15	22 26	0 10	23 27	0 14	21 50	0 46	18 17	2 17	10 33	0 44	11 4	1 28	16 6	4 32	18 19	17 59	4 6	16 57	4 53
F 13	21 20	17 19	5 3	20 43	2 15	22 19	0 12	23 28	0 15	21 51	0 46	18 17	2 17	10 31	0 44	11 4	1 28	16 6	4 32	18 16	17 58	4 3	16 56	4 53
S 14	21 10	12 46	4 52	20 19	2 14	22 12	0 15	23 29	0 15	21 52	0 46	18 17	2 17	10 30	0 44	11 4	1 28	16 7	4 32	18 13	17 58	4 0	16 56	4 52
S 15	20 59	7 48	4 28	19 54	2 13	22 3	0 17	23 29	0 16	21 54	0 46	18 16	2 16	10 29	0 44	11 4	1 28	16 7	4 33	18 11	17 57	3 57	16 56	4 52
M16	20 48	2 35	3 53	19 27	2 12	21 54	0 19	23 30	0 16	21 55	0 46	18 16	2 16	10 28	0 44	11 4	1 28	16 8	4 33	18 10	17 56	3 54	16 56	4 52
T 17	20 37	2s42	3 7	19 0	2 9	21 45	0 22	23 30	0 17	21 56	0 46	18 16	2 16	10 27	0 44	11 4	1 28	16 8	4 33	18 9	17 55	3 50	16 56	4 52
W18	20 25	7 56	2 14	18 32	2 7	21 35	0 24	23 30	0 18	21 57	0 46	18 16	2 16	10 26	0 44	11 4	1 28	16 9	4 33	18 9	17 54	3 47	16 56	4 52
T 19	20 13	12 56	1 14	18 2	2 3	21 24	0 26	23 30	0 18	21 58	0 46	18 16	2 15	10 25	0 44	11 4	1 28	16 9	4 33	18 9	17 54	3 44	16 56	4 52
F 20	20 0	17 32	0 10	17 32	1 59	21 12	0 29	23 29	0 19	21 58	0 46	18 16	2 15	10 24	0 44	11 4	1 28	16 10	4 33	18 9	17 53	3 41	16 56	4 51
S 21	19 47	21 29	0s57	17 1	1 54	21 0	0 31	23 29	0 20	21 59	0 46	18 16	2 15	10 23	0 44	11 4	1 28	16 10	4 33	18 9	17 52	3 38	16 56	4 51
S 22	19 34	24 30	2 2	16 29	1 49	20 47	0 33	23 28	0 20	22 0	0 46	18 16	2 15	10 22	0 44	11 4	1 28	16 11	4 34	18 8	17 51	3 35	16 55	4 51
M23	19 20	26 16	3 3	15 57	1 43	20 34	0 35	23 27	0 21	22 1	0 46	18 16	2 14	10 21	0 44	11 5	1 28	16 11	4 34	18 7	17 50	3 32	16 55	4 51
T 24	19 6	26 30	3 55	15 24	1 35	20 20	0 38	23 25	0 21	22 2	0 46	18 16	2 14	10 19	0 44	11 5	1 27	16 12	4 34	18 5	17 49	3 28	16 55	4 51
W25	18 52	25 1	4 34	14 51	1 27	20 5	0 40	23 24	0 22	22 3	0 46	18 16	2 14	10 18	0 44	11 5	1 27	16 12	4 34	18 2	17 49	3 25	16 55	4 51
T 26	18 37	21 52	4 57	14 17	1 18	19 50	0 42	23 22	0 23	22 4	0 46	18 16	2 13	10 17	0 44	11 5	1 27	16 13	4 34	17 59	17 48	3 22	16 55	4 50
F 27	18 22	17 17	5 0	13 44	1 9	19 34	0 44	23 20	0 23	22 4	0 46	18 17	2 13	10 16	0 44	11 5	1 27	16 13	4 34	17 56	17 47	3 19	16 55	4 50
S 28	18 6	11 38	4 43	13 11	0 58	19 18	0 46	23 18	0 24	22 5	0 47	18 17	2 13	10 15	0 44	11 6	1 27	16 14	4 34	17 54	17 46	3 16	16 55	4 50
S 29	17 51	5 21	4 7	12 39	0 46	19 1	0 48	23 15	0 25	22 6	0 47	18 17	2 13	10 14	0 44	11 6	1 27	16 15	4 34	17 52	17 45	3 13	16 55	4 50
M30	17 35	1n 9	3 16	12 8	0 33	18 44	0 50	23 13	0 25	22 7	0 47	18 17	2 12	10 12	0 44	11 6	1 27	16 15	4 35	17 50	17 44	3 9	16 55	4 50
T 31	17s18	7n29	2s13	11s37	0s19	18s26	0s52	23s10	0s26	22s 7	0n47	18n17	2s12	10s11	0s44	11n 6	1s27	16n16	4n35	17n49	17n44	3n 6	16n55	4s49

Julian Day Number = 3064787.5, Delta T = 02h33m24s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'46, Lahiri = 47°23'46

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

FEBRUARY 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 48 12	12♒ 3'33	8♉55	0♓51	11♒13	12♑13	20♐49	2°R21	5♓18	3♉13	28°R16	20°D54	20♉29	1♎20	9°R37	W 1
T 2	8 52 9	13° 4'37	22°39	1°24	12°29	12°56	21° 0	2°D21	5°21	3°14	28♌14	20°R54	20°26	1°27	9♊36	T 2
F 3	8 56 5	14° 5'40	6♊ 8	1°47	13°44	13°38	21°10	2♊21	5°24	3°15	28°13	20♉54	20°23	1°34	9°35	F 3
S 4	9 0 2	15° 6'43	19°22	2° 1	15° 0	14°20	21°20	2°21	5°28	3°15	28°12	20°51	20°20	1°40	9°34	S 4
S 5	9 3 58	16° 7'46	2♋23	2°R 3	16°15	15° 3	21°30	2°21	5°31	3°16	28°10	20°46	20°17	1°47	9°33	S 5
M 6	9 7 55	17° 8'49	15°13	1°54	17°30	15°45	21°40	2°22	5°34	3°17	28° 9	20°38	20°13	1°54	9°33	M 6
T 7	9 11 52	18° 9'51	27°53	1°34	18°46	16°28	21°50	2°22	5°38	3°18	28° 8	20°26	20°10	2° 0	9°32	T 7
W 8	9 15 48	19°10'52	10♌23	1° 1	20° 1	17°11	22° 0	2°23	5°41	3°19	28° 6	20°13	20° 7	2° 7	9°31	W 8
T 9	9 19 45	20°11'54	22°43	0°17	21°17	17°53	22° 9	2°23	5°45	3°20	28° 5	19°58	20° 4	2°14	9°31	T 9
F 10	9 23 41	21°12'55	4♍53	29♒23	22°32	18°36	22°19	2°24	5°48	3°20	28° 4	19°44	20° 1	2°21	9°30	F 10
S 11	9 27 38	22°13'56	16°55	28°20	23°48	19°19	22°28	2°25	5°51	3°21	28° 2	19°30	19°58	2°27	9°30	S 11
S 12	9 31 34	23°14'56	28°50	27° 9	25° 3	20° 1	22°38	2°26	5°55	3°22	28° 1	19°19	19°54	2°34	9°30	S 12
M13	9 35 31	24°15'56	10♎39	25°54	26°19	20°44	22°47	2°27	5°58	3°24	28° 0	19°11	19°51	2°41	9°29	M13
T 14	9 39 27	25°16'56	22°27	24°36	27°34	21°27	22°56	2°28	6° 2	3°25	27°58	19° 6	19°48	2°47	9°29	T 14
W15	9 43 24	26°17'56	4♏17	23°18	28°50	22°10	23° 5	2°30	6° 5	3°26	27°57	19° 3	19°45	2°54	9°29	W15
T 16	9 47 21	27°18'55	16°15	22° 2	0♓ 5	22°53	23°14	2°31	6° 9	3°27	27°55	19°D 3	19°42	3° 1	9°D29	T 16
F 17	9 51 17	28°19'55	28°24	20°51	1°21	23°36	23°23	2°33	6°12	3°28	27°54	19°R 3	19°38	3° 7	9°29	F 17
S 18	9 55 14	29°20'54	10♐52	19°45	2°36	24°19	23°32	2°34	6°16	3°29	27°53	19° 2	19°35	3°14	9°29	S 18
S 19	9 59 10	0♓21'52	23°43	18°47	3°51	25° 2	23°40	2°36	6°19	3°30	27°51	19° 0	19°32	3°21	9°29	S 19
M20	10 3 7	1°22'51	7♑ 1	17°57	5° 7	25°45	23°49	2°38	6°23	3°32	27°50	18°56	19°29	3°27	9°29	M20
T 21	10 7 3	2°23'49	20°49	17°16	6°22	26°28	23°57	2°40	6°26	3°33	27°49	18°49	19°26	3°34	9°30	T 21
W22	10 11 0	3°24'46	5♒ 6	16°44	7°38	27°11	24° 5	2°42	6°30	3°34	27°47	18°39	19°23	3°41	9°30	W22
T 23	10 14 56	4°25'43	19°49	16°20	8°53	27°54	24°13	2°44	6°33	3°36	27°46	18°28	19°19	3°47	9°30	T 23
F 24	10 18 53	5°26'39	4♓51	16° 6	10° 8	28°37	24°21	2°47	6°37	3°37	27°45	18°17	19°16	3°54	9°31	F 24
S 25	10 22 50	6°27'34	20° 1	16°D 0	11°24	29°20	24°29	2°49	6°40	3°38	27°43	18° 6	19°13	4° 1	9°31	S 25
S 26	10 26 46	7°28'28	5♈ 9	16° 2	12°39	0♒ 4	24°37	2°52	6°44	3°40	27°42	17°58	19°10	4° 7	9°32	S 26
M27	10 30 43	8°29'21	20° 6	16°11	13°55	0°47	24°44	2°54	6°47	3°41	27°41	17°53	19° 7	4°14	9°33	M27
T 28	10 34 39	9♓30'13	4♉44	16♒27	15♓10	1♒30	24♐51	2♊57	6♓51	3♉43	27♌39	17♉50	19♉ 3	4♎21	9♊34	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17s 1	13n21	1s 3	11s 9	0s 5	18s 7	0s54	23s 7	0s27	22s 8	0n47	18n17	2s12	10s10	0s44	11n 7	1s27	16n16	4n35	17n49	17n43	3n 3	16n56	4s49	W 1
T 2	16 44	18 25	0n 9	10 43	0n11	17 48	0 56	23 3	0 27	22 9	0 47	18 18	2 11	10 9	0 44	11 7	1 27	16 17	4 35	17 49	17 42	3 0	16 56	4 49	T 2
F 3	16 27	22 27	1 20	10 19	0 28	17 28	0 57	23 0	0 28	22 9	0 47	18 18	2 11	10 7	0 44	11 7	1 27	16 17	4 35	17 49	17 41	2 57	16 56	4 49	F 3
S 4	16 10	25 12	2 24	9 58	0 45	17 8	0 59	22 56	0 29	22 10	0 47	18 18	2 11	10 6	0 44	11 7	1 27	16 18	4 35	17 48	17 40	2 54	16 56	4 49	S 4
S 5	15 52	26 32	3 20	9 40	1 3	16 48	1 1	22 52	0 29	22 11	0 47	18 19	2 11	10 5	0 44	11 8	1 27	16 18	4 35	17 47	17 39	2 50	16 56	4 48	S 5
M 6	15 33	26 25	4 5	9 26	1 21	16 27	1 3	22 48	0 30	22 11	0 47	18 19	2 10	10 4	0 44	11 8	1 27	16 19	4 35	17 45	17 39	2 47	16 56	4 48	M 6
T 7	15 15	24 55	4 37	9 16	1 40	16 5	1 4	22 44	0 31	22 12	0 47	18 19	2 10	10 3	0 44	11 8	1 27	16 19	4 35	17 42	17 38	2 44	16 56	4 48	T 7
W 8	14 56	22 13	4 55	9 11	1 58	15 43	1 6	22 39	0 31	22 12	0 47	18 20	2 10	10 1	0 44	11 9	1 27	16 20	4 35	17 38	17 37	2 41	16 56	4 48	W 8
T 9	14 37	18 32	4 59	9 10	2 15	15 21	1 7	22 34	0 32	22 13	0 47	18 20	2 10	10 0	0 44	11 9	1 27	16 21	4 36	17 34	17 36	2 38	16 56	4 47	T 9
F 10	14 18	14 7	4 49	9 13	2 32	14 58	1 9	22 29	0 33	22 13	0 47	18 21	2 9	9 59	0 44	11 9	1 27	16 21	4 36	17 31	17 35	2 35	16 56	4 47	F 10
S 11	13 59	9 13	4 26	9 20	2 47	14 35	1 10	22 24	0 33	22 14	0 47	18 21	2 9	9 58	0 44	11 10	1 27	16 22	4 36	17 27	17 34	2 31	16 57	4 47	S 11
S 12	13 39	4 1	3 52	9 32	3 0	14 11	1 12	22 18	0 34	22 14	0 47	18 21	2 9	9 56	0 44	11 10	1 27	16 22	4 36	17 24	17 33	2 28	16 57	4 47	S 12
M13	13 19	1s18	3 8	9 46	3 11	13 47	1 13	22 13	0 35	22 15	0 47	18 22	2 8	9 55	0 44	11 11	1 27	16 23	4 36	17 22	17 33	2 25	16 57	4 47	M13
T 14	12 59	6 34	2 16	10 4	3 20	13 23	1 14	22 7	0 35	22 15	0 47	18 22	2 8	9 54	0 44	11 11	1 27	16 23	4 36	17 20	17 32	2 22	16 57	4 46	T 14
W15	12 38	11 37	1 17	10 23	3 26	12 58	1 16	22 1	0 36	22 16	0 47	18 23	2 8	9 52	0 44	11 11	1 26	16 24	4 36	17 20	17 31	2 19	16 57	4 46	W15
T 16	12 18	16 19	0 15	10 44	3 29	12 33	1 17	21 54	0 37	22 16	0 47	18 24	2 8	9 51	0 44	11 12	1 26	16 24	4 36	17 20	17 30	2 16	16 58	4 46	T 16
F 17	11 57	20 26	0s49	11 5	3 30	12 7	1 18	21 48	0 37	22 16	0 47	18 24	2 7	9 50	0 44	11 12	1 26	16 25	4 36	17 20	17 29	2 12	16 58	4 46	F 17
S 18	11 36	23 44	1 53	11 27	3 29	11 41	1 19	21 41	0 38	22 17	0 47	18 25	2 7	9 49	0 44	11 13	1 26	16 25	4 36	17 19	17 28	2 9	16 58	4 45	S 18
S 19	11 15	25 57	2 53	11 48	3 25	11 15	1 20	21 34	0 39	22 17	0 47	18 25	2 7	9 47	0 44	11 13	1 26	16 26	4 36	17 19	17 28	2 6	16 58	4 45	S 19
M20	10 53	26 47	3 45	12 8	3 20	10 49	1 21	21 27	0 39	22 17	0 48	18 26	2 6	9 46	0 44	11 14	1 26	16 27	4 36	17 18	17 27	2 3	16 59	4 45	M20
T 21	10 32	26 1	4 27	12 27	3 13	10 22	1 22	21 20	0 40	22 18	0 48	18 27	2 6	9 45	0 44	11 14	1 26	16 27	4 36	17 16	17 26	2 0	16 59	4 45	T 21
W22	10 10	23 34	4 53	12 45	3 4	9 55	1 23	21 12	0 41	22 18	0 48	18 27	2 6	9 43	0 44	11 15	1 26	16 28	4 36	17 13	17 25	1 56	16 59	4 45	W22
T 23	9 48	19 30	5 1	13 1	2 55	9 28	1 24	21 4	0 41	22 18	0 48	18 28	2 6	9 42	0 44	11 15	1 26	16 28	4 37	17 10	17 24	1 53	16 59	4 44	T 23
F 24	9 26	14 8	4 49	13 15	2 45	9 0	1 24	20 56	0 42	22 19	0 48	18 29	2 5	9 41	0 44	11 16	1 26	16 29	4 37	17 7	17 23	1 50	17 0	4 44	F 24
S 25	9 4	7 51	4 16	13 27	2 34	8 32	1 25	20 48	0 43	22 19	0 48	18 29	2 5	9 40	0 44	11 16	1 26	16 29	4 37	17 4	17 22	1 47	17 0	4 44	S 25
S 26	8 41	1 8	3 26	13 38	2 22	8 4	1 25	20 40	0 43	22 19	0 48	18 30	2 5	9 38	0 44	11 17	1 26	16 30	4 37	17 2	17 22	1 44	17 0	4 44	S 26
M27	8 19	5n36	2 22	13 46	2 10	7 36	1 26	20 31	0 44	22 19	0 48	18 31	2 5	9 37	0 44	11 17	1 26	16 30	4 37	17 0	17 21	1 40	17 1	4 43	M27
T 28	7s56	11n54	1s 9	13s53	1n59	7s 7	1s26	20s22	0s45	22s20	0n48	18n32	2s 4	9s36	0s44	11n18	1s26	16n31	4n37	17n 0	17n20	1n37	17n 1	4s43	T 28

Julian Day Number = 3064818.5, Delta T = 02h33m24s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'50, Lahiri = 47°23'51

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

MARCH 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 38 36	10♓31'04	18♉59	16♒49	16♓25	2♒14	24♐59	3♊ 0	6♓54	3♉44	27°R38	17°D49	19♉ 0	4♎28	9♊34	W 1
T 2	10 42 32	11°31'54	2♊50	17°17	17°41	2°57	25° 6	3° 3	6°58	3°46	27♌37	17♉50	18°57	4°34	9°35	T 2
F 3	10 46 29	12°32'42	16°18	17°51	18°56	3°40	25°13	3° 6	7° 1	3°47	27°35	17°R50	18°54	4°41	9°36	F 3
S 4	10 50 25	13°33'29	29°26	18°29	20°11	4°24	25°20	3° 9	7° 5	3°49	27°34	17°49	18°51	4°48	9°37	S 4
S 5	10 54 22	14°34'15	12♋17	19°12	21°27	5° 7	25°26	3°12	7° 8	3°51	27°33	17°45	18°48	4°54	9°38	S 5
M 6	10 58 19	15°35'00	24°53	19°59	22°42	5°51	25°33	3°15	7°12	3°52	27°31	17°39	18°44	5° 1	9°39	M 6
T 7	11 2 15	16°35'43	7♌17	20°49	23°57	6°34	25°39	3°19	7°15	3°54	27°30	17°30	18°41	5° 8	9°41	T 7
W 8	11 6 12	17°36'24	19°32	21°43	25°12	7°18	25°45	3°22	7°19	3°56	27°29	17°20	18°38	5°14	9°42	W 8
T 9	11 10 8	18°37'04	1♍39	22°40	26°28	8° 2	25°51	3°26	7°22	3°57	27°28	17° 8	18°35	5°21	9°43	T 9
F 10	11 14 5	19°37'43	13°40	23°40	27°43	8°45	25°57	3°30	7°26	3°59	27°26	16°56	18°32	5°28	9°45	F 10
S 11	11 18 1	20°38'21	25°35	24°42	28°58	9°29	26° 3	3°33	7°29	4° 1	27°25	16°46	18°29	5°34	9°46	S 11
S 12	11 21 58	21°38'57	7♎26	25°47	0♈13	10°13	26° 9	3°37	7°33	4° 3	27°24	16°37	18°25	5°41	9°48	S 12
M13	11 25 54	22°39'33	19°14	26°55	1°28	10°56	26°14	3°41	7°36	4° 4	27°23	16°31	18°22	5°48	9°49	M13
T 14	11 29 51	23°40'07	1♏ 3	28° 4	2°43	11°40	26°20	3°45	7°39	4° 6	27°21	16°27	18°19	5°54	9°51	T 14
W15	11 33 48	24°40'40	12°55	29°15	3°59	12°24	26°25	3°49	7°43	4° 8	27°20	16°D25	18°16	6° 1	9°53	W15
T 16	11 37 44	25°41'11	24°54	0♓28	5°14	13° 8	26°30	3°54	7°46	4°10	27°19	16°26	18°13	6° 8	9°54	T 16
F 17	11 41 41	26°41'42	7♐ 4	1°43	6°29	13°52	26°34	3°58	7°50	4°12	27°18	16°27	18° 9	6°14	9°56	F 17
S 18	11 45 37	27°42'11	19°30	3° 0	7°44	14°36	26°39	4° 2	7°53	4°14	27°17	16°28	18° 6	6°21	9°58	S 18
S 19	11 49 34	28°42'40	2♑16	4°17	8°59	15°20	26°44	4° 7	7°56	4°16	27°16	16°R28	18° 3	6°28	10° 0	S 19
M20	11 53 30	29°43'07	15°27	5°37	10°14	16° 4	26°48	4°11	8° 0	4°17	27°15	16°27	18° 0	6°34	10° 2	M20
T 21	11 57 27	0♈43'33	29° 6	6°58	11°29	16°48	26°52	4°16	8° 3	4°19	27°13	16°24	17°57	6°41	10° 4	T 21
W22	12 1 23	1°43'58	13♒15	8°20	12°44	17°32	26°56	4°21	8° 6	4°21	27°12	16°19	17°54	6°48	10° 6	W22
T 23	12 5 20	2°44'21	27°51	9°44	13°59	18°16	27° 0	4°26	8°10	4°23	27°11	16°12	17°50	6°55	10° 9	T 23
F 24	12 9 17	3°44'43	12♓50	11° 8	15°14	19° 0	27° 3	4°31	8°13	4°25	27°10	16° 5	17°47	7° 1	10°11	F 24
S 25	12 13 13	4°45'03	28° 4	12°34	16°29	19°44	27° 7	4°36	8°16	4°27	27° 9	15°59	17°44	7° 8	10°13	S 25
S 26	12 17 10	5°45'22	13♈21	14° 1	17°44	20°28	27°10	4°41	8°19	4°29	27° 8	15°54	17°41	7°15	10°15	S 26
M27	12 21 6	6°45'39	28°32	15°30	18°59	21°12	27°13	4°46	8°23	4°32	27° 7	15°51	17°38	7°21	10°18	M27
T 28	12 25 3	7°45'55	13♉26	16°59	20°14	21°57	27°16	4°51	8°26	4°34	27° 6	15°D50	17°35	7°28	10°20	T 28
W29	12 28 59	8°46'09	27°58	18°30	21°28	22°41	27°19	4°56	8°29	4°36	27° 5	15°50	17°31	7°35	10°23	W29
T 30	12 32 56	9°46'21	12♊ 3	20° 2	22°43	23°25	27°21	5° 2	8°32	4°38	27° 4	15°52	17°28	7°41	10°25	T 30
F 31	12 36 52	10♈46'30	25♊41	21♓34	23♈58	24♒ 9	27♐24	5♊ 7	8♓35	4♉40	27♌ 3	15♉53	17♉25	7♎48	10♊28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s33	17n24	0n 6	13s58	1n47	6s39	1s27	20s13	0s45	22s20	0n48	18n32	2s 4	9s34	0s44	11n18	1s26	16n31	4n37	17n 0	17n19	1n34	17n 1	4s43
T 2	7 11	21 50	1 19	14 1	1 35	6 10	1 27	20 4	0 46	22 20	0 48	18 33	2 4	9 33	0 44	11 19	1 26	16 32	4 37	17 0	17 18	1 31	17 2	4 43
F 3	6 48	24 56	2 25	14 2	1 23	5 41	1 27	19 55	0 47	22 20	0 48	18 34	2 3	9 32	0 44	11 19	1 26	16 32	4 37	17 0	17 17	1 28	17 2	4 42
S 4	6 25	26 36	3 22	14 2	1 11	5 12	1 28	19 45	0 47	22 20	0 48	18 35	2 3	9 31	0 44	11 20	1 26	16 33	4 37	16 59	17 16	1 24	17 2	4 42
S 5	6 1	26 47	4 8	14 0	0 59	4 43	1 28	19 36	0 48	22 21	0 48	18 36	2 3	9 29	0 44	11 20	1 26	16 33	4 37	16 58	17 16	1 21	17 3	4 42
M 6	5 38	25 33	4 40	13 56	0 48	4 13	1 28	19 26	0 49	22 21	0 48	18 37	2 3	9 28	0 44	11 21	1 26	16 34	4 37	16 57	17 15	1 18	17 3	4 42
T 7	5 15	23 6	4 59	13 51	0 37	3 44	1 28	19 16	0 49	22 21	0 48	18 38	2 2	9 27	0 44	11 22	1 26	16 34	4 37	16 54	17 14	1 15	17 4	4 42
W 8	4 51	19 38	5 3	13 44	0 26	3 14	1 28	19 5	0 50	22 21	0 49	18 39	2 2	9 25	0 44	11 22	1 26	16 35	4 37	16 51	17 13	1 12	17 4	4 41
T 9	4 28	15 22	4 54	13 35	0 16	2 44	1 28	18 55	0 51	22 21	0 49	18 39	2 2	9 24	0 44	11 23	1 26	16 35	4 37	16 48	17 12	1 8	17 4	4 41
F 10	4 4	10 33	4 32	13 26	0 5	2 14	1 27	18 44	0 51	22 21	0 49	18 40	2 2	9 23	0 44	11 23	1 26	16 35	4 37	16 45	17 11	1 5	17 5	4 41
S 11	3 41	5 23	3 58	13 15	0s 5	1 45	1 27	18 33	0 52	22 21	0 49	18 41	2 1	9 22	0 44	11 24	1 26	16 36	4 37	16 42	17 10	1 2	17 5	4 41
S 12	3 17	0 3	3 13	13 2	0 14	1 15	1 27	18 22	0 53	22 21	0 49	18 42	2 1	9 20	0 44	11 25	1 26	16 36	4 37	16 39	17 9	0 59	17 6	4 40
M13	2 53	5s18	2 21	12 48	0 24	0 45	1 26	18 11	0 53	22 21	0 49	18 43	2 1	9 19	0 44	11 25	1 26	16 37	4 37	16 37	17 9	0 55	17 6	4 40
T 14	2 30	10 28	1 22	12 33	0 33	0 15	1 26	18 0	0 54	22 22	0 49	18 44	2 1	9 18	0 44	11 26	1 26	16 37	4 37	16 36	17 8	0 52	17 7	4 40
W15	2 6	15 17	0 19	12 16	0 41	0n15	1 25	17 48	0 55	22 22	0 49	18 45	2 0	9 17	0 44	11 26	1 25	16 38	4 37	16 36	17 7	0 49	17 7	4 40
T 16	1 42	19 34	0s46	11 59	0 49	0 46	1 25	17 37	0 55	22 22	0 49	18 46	2 0	9 15	0 44	11 27	1 25	16 38	4 37	16 36	17 6	0 46	17 8	4 40
F 17	1 18	23 5	1 49	11 40	0 57	1 16	1 24	17 25	0 56	22 22	0 49	18 47	2 0	9 14	0 44	11 28	1 25	16 39	4 37	16 36	17 5	0 43	17 8	4 39
S 18	0 54	25 37	2 49	11 20	1 5	1 46	1 23	17 13	0 57	22 22	0 49	18 48	2 0	9 13	0 44	11 28	1 25	16 39	4 37	16 37	17 4	0 39	17 9	4 39
S 19	0 31	26 54	3 42	10 58	1 12	2 16	1 23	17 1	0 57	22 22	0 49	18 49	1 59	9 12	0 44	11 29	1 25	16 39	4 37	16 37	17 3	0 36	17 9	4 39
M20	0 7	26 44	4 25	10 36	1 19	2 46	1 22	16 48	0 58	22 22	0 49	18 50	1 59	9 10	0 44	11 30	1 25	16 40	4 37	16 36	17 2	0 33	17 9	4 39
T 21	0n17	24 58	4 55	10 12	1 25	3 16	1 21	16 36	0 59	22 22	0 49	18 52	1 59	9 9	0 44	11 30	1 25	16 40	4 37	16 35	17 2	0 30	17 10	4 39
W22	0 41	21 37	5 9	9 47	1 32	3 45	1 20	16 23	0 59	22 22	0 50	18 53	1 59	9 8	0 44	11 31	1 25	16 40	4 37	16 34	17 1	0 26	17 10	4 38
T 23	1 5	16 51	5 3	9 21	1 37	4 15	1 19	16 10	1 0	22 22	0 50	18 54	1 59	9 7	0 44	11 32	1 25	16 41	4 37	16 32	17 0	0 23	17 11	4 38
F 24	1 29	10 56	4 36	8 55	1 43	4 45	1 18	15 58	1 1	22 22	0 50	18 55	1 58	9 6	0 44	11 32	1 25	16 41	4 37	16 30	16 59	0 20	17 11	4 38
S 25	1 52	4 17	3 50	8 27	1 48	5 14	1 17	15 44	1 1	22 22	0 50	18 56	1 58	9 4	0 44	11 33	1 25	16 42	4 37	16 28	16 58	0 17	17 12	4 38
S 26	2 16	2n39	2 47	7 58	1 52	5 44	1 15	15 31	1 2	22 22	0 50	18 57	1 58	9 3	0 44	11 34	1 25	16 42	4 37	16 27	16 57	0 14	17 13	4 38
M27	2 40	9 25	1 33	7 28	1 57	6 13	1 14	15 18	1 3	22 22	0 50	18 58	1 58	9 2	0 44	11 35	1 25	16 42	4 37	16 26	16 56	0 10	17 13	4 37
T 28	3 3	15 31	0 13	6 57	2 1	6 43	1 13	15 4	1 3	22 22	0 50	18 59	1 57	9 1	0 44	11 35	1 25	16 43	4 37	16 26	16 55	0 7	17 14	4 37
W29	3 27	20 36	1n 6	6 25	2 4	7 12	1 11	14 51	1 4	22 22	0 50	19 0	1 57	9 0	0 44	11 36	1 25	16 43	4 37	16 26	16 55	0 4	17 14	4 37
T 30	3 50	24 19	2 18	5 52	2 7	7 41	1 10	14 37	1 5	22 22	0 50	19 2	1 57	8 59	0 44	11 37	1 25	16 43	4 37	16 26	16 54	0 1	17 15	4 37
F 31	4n14	26n30	3n20	5s18	2s10	8n 9	1s 8	14s23	1s 5	22s22	0n50	19n 3	1s57	8s58	0s44	11n37	1s25	16n44	4n37	16n27	16n53	0s 3	17n15	4s37

Julian Day Number = 3064846.5, Delta T = 02h33m25s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'54, Lahiri = 47°23'55

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

APRIL 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 40 49	11♈46'38	8♋55	23♓ 8	25♈13	24♒54	27♐26	5♊13	8♓38	4♉42	27°R 2	15°R54	17♉22	7♎55	10♊31	S 1
S 2	12 44 45	12°46'44	21°46	24°44	26°28	25°38	27°28	5°18	8°41	4°44	27♑ 1	15♉54	17°19	8° 1	10°33	S 2
M 3	12 48 42	13°46'48	4♌18	26°20	27°42	26°22	27°30	5°24	8°44	4°46	27° 1	15°52	17°15	8° 8	10°36	M 3
T 4	12 52 39	14°46'50	16°36	27°57	28°57	27° 7	27°32	5°29	8°47	4°48	27° 0	15°48	17°12	8°15	10°39	T 4
W 5	12 56 35	15°46'50	28°42	29°35	0♉12	27°51	27°33	5°35	8°50	4°51	26°59	15°44	17° 9	8°21	10°42	W 5
T 6	13 0 32	16°46'47	10♍40	1♈15	1°26	28°36	27°34	5°41	8°53	4°53	26°58	15°39	17° 6	8°28	10°45	T 6
F 7	13 4 28	17°46'43	22°33	2°56	2°41	29°20	27°35	5°47	8°56	4°55	26°57	15°34	17° 3	8°35	10°48	F 7
S 8	13 8 25	18°46'37	4♎24	4°37	3°55	0♓ 5	27°36	5°53	8°59	4°57	26°57	15°29	17° 0	8°41	10°51	S 8
S 9	13 12 21	19°46'29	16°13	6°20	5°10	0°49	27°37	5°59	9° 2	4°59	26°56	15°25	16°56	8°48	10°54	S 9
M10	13 16 18	20°46'19	28° 4	8° 5	6°25	1°34	27°37	6° 5	9° 5	5° 2	26°55	15°23	16°53	8°55	10°57	M10
T 11	13 20 14	21°46'07	9♏57	9°50	7°39	2°18	27°38	6°11	9° 8	5° 4	26°54	15°D21	16°50	9° 1	11° 0	T 11
W12	13 24 11	22°45'54	21°56	11°37	8°53	3° 3	27°R38	6°17	9°10	5° 6	26°54	15°21	16°47	9° 8	11° 3	W12
T 13	13 28 8	23°45'39	4♐ 3	13°24	10° 8	3°48	27°38	6°24	9°13	5° 8	26°53	15°22	16°44	9°15	11° 7	T 13
F 14	13 32 4	24°45'22	16°20	15°13	11°22	4°32	27°38	6°30	9°16	5°10	26°52	15°24	16°40	9°21	11°10	F 14
S 15	13 36 1	25°45'03	28°52	17° 4	12°37	5°17	27°37	6°36	9°19	5°13	26°52	15°26	16°37	9°28	11°13	S 15
S 16	13 39 57	26°44'43	11♑40	18°55	13°51	6° 2	27°37	6°43	9°21	5°15	26°51	15°27	16°34	9°35	11°17	S 16
M17	13 43 54	27°44'22	24°48	20°48	15° 5	6°46	27°36	6°49	9°24	5°17	26°51	15°R27	16°31	9°41	11°20	M17
T 18	13 47 50	28°43'58	8♒20	22°42	16°20	7°31	27°35	6°56	9°27	5°20	26°50	15°27	16°28	9°48	11°24	T 18
W19	13 51 47	29°43'33	22°17	24°37	17°34	8°16	27°34	7° 2	9°29	5°22	26°50	15°26	16°25	9°55	11°27	W19
T 20	13 55 43	0♉43'07	6♓38	26°34	18°48	9° 1	27°32	7° 9	9°32	5°24	26°49	15°25	16°21	10° 1	11°31	T 20
F 21	13 59 40	1°42'38	21°20	28°31	20° 2	9°45	27°31	7°16	9°34	5°26	26°49	15°23	16°18	10° 8	11°34	F 21
S 22	14 3 37	2°42'08	6♈19	0♉30	21°17	10°30	27°29	7°22	9°37	5°29	26°48	15°21	16°15	10°15	11°38	S 22
S 23	14 7 33	3°41'36	21°26	2°30	22°31	11°15	27°27	7°29	9°39	5°31	26°48	15°20	16°12	10°21	11°42	S 23
M24	14 11 30	4°41'03	6♉32	4°31	23°45	12° 0	27°25	7°36	9°41	5°33	26°47	15°19	16° 9	10°28	11°45	M24
T 25	14 15 26	5°40'27	21°28	6°32	24°59	12°45	27°23	7°43	9°44	5°35	26°47	15°D19	16° 6	10°35	11°49	T 25
W26	14 19 23	6°39'50	6♊ 7	8°35	26°13	13°30	27°20	7°50	9°46	5°38	26°47	15°20	16° 2	10°41	11°53	W26
T 27	14 23 19	7°39'10	20°23	10°38	27°27	14°15	27°18	7°57	9°48	5°40	26°46	15°20	15°59	10°48	11°56	T 27
F 28	14 27 16	8°38'28	4♋12	12°42	28°41	15° 0	27°15	8° 4	9°50	5°42	26°46	15°21	15°56	10°55	12° 0	F 28
S 29	14 31 12	9°37'44	17°34	14°46	29°55	15°45	27°12	8°11	9°53	5°45	26°46	15°22	15°53	11° 1	12° 4	S 29
S 30	14 35 9	10♉36'58	0♌32	16♉50	1♊ 9	16♓30	27♐ 9	8♊18	9♓55	5♉47	26♌46	15♉22	15♉50	11♎ 8	12♊ 8	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n37	27n 5	4n10	4s44	2s12	8n38	1s 7	14s 9	1s 6	22s22	0n50	19n 4	1s57	8s56	0s44	11n38	1s25	16n44	4n37	16n27	16n52	0s 6	17n16	4s36
S 2	5 0	26 11	4 45	4 8	2 14	9 6	1 5	13 55	1 7	22 22	0 50	19 5	1 56	8 55	0 44	11 39	1 25	16 44	4 37	16 27	16 51	0 9	17 16	4 36
M 3	5 23	23 58	5 6	3 31	2 16	9 34	1 4	13 40	1 7	22 22	0 50	19 6	1 56	8 54	0 44	11 40	1 25	16 44	4 37	16 26	16 50	0 12	17 17	4 36
T 4	5 46	20 41	5 12	2 54	2 17	10 2	1 2	13 26	1 8	22 22	0 51	19 7	1 56	8 53	0 44	11 40	1 25	16 45	4 37	16 25	16 49	0 15	17 17	4 36
W 5	6 9	16 35	5 4	2 16	2 17	10 30	1 0	13 11	1 9	22 22	0 51	19 9	1 56	8 52	0 44	11 41	1 25	16 45	4 37	16 24	16 48	0 19	17 18	4 36
T 6	6 32	11 52	4 43	1 37	2 17	10 57	0 58	12 57	1 9	22 21	0 51	19 10	1 56	8 51	0 44	11 42	1 25	16 45	4 37	16 23	16 47	0 22	17 19	4 36
F 7	6 55	6 46	4 10	0 57	2 17	11 25	0 56	12 42	1 10	22 21	0 51	19 11	1 55	8 50	0 44	11 42	1 25	16 45	4 37	16 21	16 47	0 25	17 19	4 35
S 8	7 18	1 26	3 26	0 16	2 17	11 51	0 55	12 27	1 11	22 21	0 51	19 12	1 55	8 49	0 44	11 43	1 25	16 46	4 37	16 20	16 46	0 28	17 20	4 35
S 9	7 40	3s58	2 33	0n25	2 15	12 18	0 53	12 12	1 11	22 21	0 51	19 13	1 55	8 48	0 44	11 44	1 25	16 46	4 37	16 19	16 45	0 32	17 20	4 35
M10	8 2	9 14	1 34	1 7	2 14	12 44	0 51	11 57	1 12	22 21	0 51	19 15	1 55	8 47	0 44	11 45	1 25	16 46	4 37	16 18	16 44	0 35	17 21	4 35
T 11	8 25	14 12	0 30	1 50	2 12	13 10	0 49	11 41	1 13	22 21	0 51	19 16	1 55	8 46	0 44	11 45	1 25	16 46	4 37	16 18	16 43	0 38	17 21	4 35
W12	8 47	18 40	0s36	2 34	2 9	13 36	0 46	11 26	1 13	22 21	0 51	19 17	1 54	8 45	0 44	11 46	1 25	16 47	4 37	16 18	16 42	0 41	17 22	4 35
T 13	9 9	22 26	1 41	3 18	2 6	14 1	0 44	11 11	1 14	22 21	0 51	19 18	1 54	8 44	0 44	11 47	1 25	16 47	4 37	16 18	16 41	0 45	17 22	4 35
F 14	9 30	25 14	2 43	4 3	2 3	14 26	0 42	10 55	1 14	22 21	0 51	19 20	1 54	8 43	0 44	11 48	1 25	16 47	4 37	16 18	16 40	0 48	17 23	4 34
S 15	9 52	26 51	3 38	4 48	1 59	14 51	0 40	10 39	1 15	22 21	0 51	19 21	1 54	8 42	0 44	11 48	1 25	16 47	4 37	16 19	16 39	0 51	17 24	4 34
S 16	10 13	27 5	4 23	5 35	1 55	15 15	0 38	10 24	1 16	22 21	0 51	19 22	1 54	8 41	0 44	11 49	1 25	16 47	4 37	16 19	16 38	0 54	17 24	4 34
M17	10 35	25 50	4 56	6 21	1 50	15 39	0 35	10 8	1 16	22 21	0 51	19 23	1 54	8 40	0 44	11 50	1 25	16 47	4 37	16 19	16 38	0 58	17 25	4 34
T 18	10 56	23 4	5 14	7 8	1 44	16 3	0 33	9 52	1 17	22 21	0 52	19 24	1 53	8 39	0 44	11 51	1 25	16 48	4 37	16 19	16 37	1 1	17 25	4 34
W19	11 17	18 55	5 14	7 56	1 38	16 26	0 31	9 36	1 18	22 21	0 52	19 26	1 53	8 38	0 44	11 51	1 25	16 48	4 37	16 19	16 36	1 4	17 26	4 34
T 20	11 37	13 34	4 55	8 44	1 32	16 48	0 28	9 20	1 18	22 21	0 52	19 27	1 53	8 37	0 44	11 52	1 25	16 48	4 37	16 19	16 35	1 7	17 27	4 34
F 21	11 58	7 20	4 16	9 32	1 25	17 11	0 26	9 4	1 19	22 20	0 52	19 28	1 53	8 36	0 45	11 53	1 25	16 48	4 37	16 18	16 34	1 11	17 27	4 34
S 22	12 18	0 35	3 20	10 20	1 18	17 33	0 23	8 47	1 19	22 20	0 52	19 29	1 53	8 35	0 45	11 54	1 25	16 48	4 37	16 18	16 33	1 14	17 28	4 33
S 23	12 38	6n17	2 9	11 8	1 10	17 54	0 21	8 31	1 20	22 20	0 52	19 31	1 53	8 34	0 45	11 54	1 25	16 48	4 36	16 17	16 32	1 17	17 28	4 33
M24	12 58	12 49	0 49	11 57	1 1	18 15	0 18	8 14	1 21	22 20	0 52	19 32	1 52	8 33	0 45	11 55	1 25	16 48	4 36	16 17	16 31	1 20	17 29	4 33
T 25	13 18	18 31	0n34	12 45	0 53	18 35	0 16	7 58	1 21	22 20	0 52	19 33	1 52	8 33	0 45	11 56	1 25	16 48	4 36	16 17	16 30	1 24	17 29	4 33
W26	13 37	22 59	1 53	13 33	0 43	18 55	0 13	7 41	1 22	22 20	0 52	19 34	1 52	8 32	0 45	11 57	1 25	16 48	4 36	16 17	16 29	1 27	17 30	4 33
T 27	13 56	25 55	3 3	14 21	0 34	19 14	0 11	7 25	1 22	22 20	0 52	19 36	1 52	8 31	0 45	11 57	1 25	16 48	4 36	16 17	16 29	1 30	17 31	4 33
F 28	14 15	27 9	3 59	15 8	0 24	19 33	0 8	7 8	1 23	22 20	0 52	19 37	1 52	8 30	0 45	11 58	1 25	16 49	4 36	16 18	16 28	1 33	17 31	4 33
S 29	14 34	26 44	4 41	15 54	0 13	19 52	0 5	6 51	1 23	22 20	0 52	19 38	1 52	8 29	0 45	11 59	1 25	16 49	4 36	16 18	16 27	1 37	17 32	4 33
S 30	14n53	24n51	5n 7	16n40	0s 3	20n10	0s 3	6s35	1s24	22s20	0n52	19n39	1s52	8s29	0s45	12n 0	1s25	16n49	4n36	16n18	16n26	1s40	17n32	4s33

Julian Day Number = 3064877.5, Delta T = 02h33m26s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°16'58, Lahiri = 47°23'59

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

MAY 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 39 6	11♉36'10	13♌ 8	18♉54	2♊23	17♓15	27°R 6	8♊25	9♓57	5♉49	26°R45	15°R22	15♉46	11♎15	12♊12	M 1
T 2	14 43 2	12°35'19	25°25	20°57	3°36	17°59	27♐ 2	8°32	9°59	5°51	26♌45	15♉22	15°43	11°21	12°16	T 2
W 3	14 46 59	13°34'26	7♍30	22°59	4°50	18°44	26°58	8°39	10° 1	5°54	26°45	15°22	15°40	11°28	12°20	W 3
T 4	14 50 55	14°33'30	19°25	25° 1	6° 4	19°29	26°54	8°46	10° 3	5°56	26°45	15°22	15°37	11°35	12°24	T 4
F 5	14 54 52	15°32'33	1♎15	27° 0	7°18	20°14	26°50	8°53	10° 5	5°58	26°45	15°D22	15°34	11°41	12°28	F 5
S 6	14 58 48	16°31'34	13° 3	28°58	8°31	20°59	26°46	9° 1	10° 7	6° 0	26°45	15°22	15°31	11°48	12°32	S 6
S 7	15 2 45	17°30'32	24°54	0♊54	9°45	21°45	26°42	9° 8	10° 9	6° 3	26°45	15°22	15°27	11°55	12°36	S 7
M 8	15 6 41	18°29'28	6♏49	2°47	10°59	22°30	26°37	9°15	10°10	6° 5	26°45	15°22	15°24	12° 1	12°40	M 8
T 9	15 10 38	19°28'23	18°50	4°38	12°12	23°15	26°33	9°23	10°12	6° 7	26°D45	15°R22	15°21	12° 8	12°44	T 9
W10	15 14 34	20°27'15	1♐ 1	6°25	13°26	24° 0	26°28	9°30	10°14	6° 9	26°45	15°22	15°18	12°15	12°48	W10
T 11	15 18 31	21°26'06	13°22	8° 8	14°39	24°45	26°23	9°37	10°15	6°11	26°45	15°21	15°15	12°21	12°52	T 11
F 12	15 22 28	22°24'55	25°54	9°48	15°53	25°30	26°18	9°45	10°17	6°14	26°45	15°21	15°12	12°28	12°57	F 12
S 13	15 26 24	23°23'42	8♑40	11°23	17° 6	26°15	26°13	9°52	10°19	6°16	26°45	15°20	15° 8	12°35	13° 1	S 13
S 14	15 30 21	24°22'28	21°41	12°55	18°19	27° 0	26° 7	10° 0	10°20	6°18	26°45	15°19	15° 5	12°41	13° 5	S 14
M15	15 34 17	25°21'12	4♒57	14°21	19°33	27°45	26° 2	10° 7	10°22	6°20	26°45	15°18	15° 2	12°48	13° 9	M15
T 16	15 38 14	26°19'54	18°30	15°43	20°46	28°30	25°56	10°14	10°23	6°22	26°45	15°17	14°59	12°55	13°13	T 16
W17	15 42 10	27°18'35	2♓20	17° 1	21°59	29°15	25°50	10°22	10°25	6°25	26°46	15°D17	14°56	13° 1	13°18	W17
T 18	15 46 7	28°17'14	16°27	18°13	23°12	0♈ 0	25°44	10°30	10°26	6°27	26°46	15°18	14°52	13° 8	13°22	T 18
F 19	15 50 4	29°15'52	0♈51	19°21	24°26	0°46	25°38	10°37	10°27	6°29	26°46	15°18	14°49	13°15	13°26	F 19
S 20	15 54 0	0♊14'28	15°26	20°23	25°39	1°31	25°32	10°45	10°28	6°31	26°46	15°20	14°46	13°21	13°31	S 20
S 21	15 57 57	1°13'02	0♉11	21°20	26°52	2°16	25°26	10°52	10°30	6°33	26°47	15°20	14°43	13°28	13°35	S 21
M22	16 1 53	2°11'35	14°57	22°11	28° 5	3° 1	25°19	11° 0	10°31	6°35	26°47	15°R21	14°40	13°35	13°39	M22
T 23	16 5 50	3°10'06	29°39	22°58	29°18	3°46	25°13	11° 7	10°32	6°37	26°47	15°20	14°37	13°41	13°44	T 23
W24	16 9 46	4° 8'35	14♊ 9	23°38	0♋31	4°31	25° 6	11°15	10°33	6°39	26°48	15°19	14°33	13°48	13°48	W24
T 25	16 13 43	5° 7'03	28°22	24°14	1°44	5°16	25° 0	11°23	10°34	6°41	26°48	15°17	14°30	13°55	13°52	T 25
F 26	16 17 39	6° 5'29	12♋13	24°43	2°57	6° 1	24°53	11°30	10°35	6°44	26°49	15°14	14°27	14° 1	13°57	F 26
S 27	16 21 36	7° 3'53	25°39	25° 8	4°10	6°47	24°46	11°38	10°36	6°46	26°49	15°11	14°24	14° 8	14° 1	S 27
S 28	16 25 33	8° 2'15	8♌42	25°26	5°22	7°32	24°39	11°45	10°37	6°48	26°49	15° 8	14°21	14°15	14° 5	S 28
M29	16 29 29	9° 0'35	21°22	25°40	6°35	8°17	24°32	11°53	10°38	6°50	26°50	15° 6	14°18	14°21	14°10	M29
T 30	16 33 26	9°58'52	3♍42	25°47	7°48	9° 2	24°25	12° 1	10°38	6°52	26°51	15° 5	14°14	14°28	14°14	T 30
W31	16 37 22	10♊57'08	15♍48	25°R50	9♋ 0	9♈47	24♐18	12♊ 8	10♓39	6♉54	26♌51	15°D 5	14♉11	14♎35	14♊19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n11	21n48	5n17	17n25	0n 8	20n27	0s 0	6s18	1s25	22s19	0n52	19n41	1s52	8s28	0s45	12n 0	1s25	16n49	4n36	16n18	16n25	1s43	17n33	4s33
T 2	15 29	17 50	5 13	18 8	0 19	20 44	0n 3	6 1	1 25	22 19	0 52	19 42	1 51	8 27	0 45	12 1	1 25	16 49	4 36	16 18	16 24	1 46	17 33	4 33
W 3	15 46	13 14	4 54	18 50	0 30	21 0	0 5	5 44	1 26	22 19	0 52	19 43	1 51	8 26	0 45	12 2	1 25	16 49	4 36	16 18	16 23	1 50	17 34	4 32
T 4	16 4	8 12	4 23	19 31	0 41	21 15	0 8	5 27	1 26	22 19	0 52	19 44	1 51	8 26	0 45	12 2	1 25	16 49	4 36	16 18	16 22	1 53	17 34	4 32
F 5	16 21	2 54	3 41	20 10	0 52	21 30	0 11	5 10	1 27	22 19	0 52	19 45	1 51	8 25	0 45	12 3	1 25	16 49	4 36	16 18	16 21	1 56	17 35	4 32
S 6	16 38	2s30	2 50	20 47	1 3	21 45	0 13	4 53	1 27	22 19	0 52	19 47	1 51	8 24	0 45	12 4	1 25	16 49	4 36	16 18	16 20	1 59	17 36	4 32
S 7	16 54	7 50	1 51	21 22	1 14	21 59	0 16	4 36	1 28	22 19	0 52	19 48	1 51	8 24	0 45	12 5	1 25	16 49	4 36	16 18	16 19	2 3	17 36	4 32
M 8	17 11	12 55	0 47	21 54	1 24	22 12	0 19	4 18	1 28	22 19	0 52	19 49	1 51	8 23	0 45	12 5	1 25	16 49	4 36	16 18	16 18	2 6	17 37	4 32
T 9	17 27	17 35	0s19	22 25	1 34	22 24	0 21	4 1	1 29	22 18	0 52	19 50	1 51	8 22	0 45	12 6	1 25	16 49	4 36	16 18	16 18	2 9	17 37	4 32
W10	17 42	21 35	1 26	22 53	1 44	22 36	0 24	3 44	1 29	22 18	0 52	19 51	1 50	8 22	0 45	12 7	1 25	16 48	4 36	16 18	16 17	2 12	17 38	4 32
T 11	17 58	24 40	2 29	23 19	1 53	22 48	0 27	3 27	1 30	22 18	0 52	19 53	1 50	8 21	0 45	12 7	1 25	16 48	4 36	16 18	16 16	2 16	17 38	4 32
F 12	18 13	26 36	3 26	23 43	2 1	22 58	0 29	3 9	1 30	22 18	0 53	19 54	1 50	8 21	0 45	12 8	1 25	16 48	4 36	16 17	16 15	2 19	17 39	4 32
S 13	18 27	27 11	4 14	24 4	2 9	23 8	0 32	2 52	1 31	22 18	0 53	19 55	1 50	8 20	0 45	12 9	1 25	16 48	4 35	16 17	16 14	2 22	17 39	4 32
S 14	18 42	26 17	4 50	24 23	2 15	23 18	0 35	2 35	1 31	22 18	0 53	19 56	1 50	8 20	0 45	12 10	1 25	16 48	4 35	16 17	16 13	2 25	17 40	4 32
M15	18 56	23 54	5 12	24 40	2 22	23 26	0 37	2 18	1 32	22 17	0 53	19 57	1 50	8 19	0 45	12 10	1 25	16 48	4 35	16 17	16 12	2 29	17 40	4 32
T 16	19 10	20 10	5 16	24 54	2 27	23 34	0 40	2 0	1 32	22 17	0 53	19 58	1 50	8 19	0 45	12 11	1 25	16 48	4 35	16 16	16 11	2 32	17 41	4 32
W17	19 23	15 16	5 3	25 6	2 31	23 42	0 43	1 43	1 33	22 17	0 53	20 0	1 50	8 18	0 45	12 12	1 25	16 48	4 35	16 16	16 10	2 35	17 41	4 32
T 18	19 36	9 28	4 31	25 16	2 34	23 48	0 45	1 25	1 33	22 17	0 53	20 1	1 50	8 18	0 45	12 12	1 25	16 48	4 35	16 17	16 9	2 38	17 42	4 32
F 19	19 49	3 4	3 42	25 24	2 37	23 54	0 48	1 8	1 34	22 17	0 53	20 2	1 50	8 17	0 46	12 13	1 25	16 48	4 35	16 17	16 8	2 42	17 42	4 32
S 20	20 1	3n35	2 38	25 30	2 38	24 0	0 50	0 51	1 34	22 17	0 53	20 3	1 50	8 17	0 46	12 14	1 25	16 47	4 35	16 17	16 7	2 45	17 43	4 32
S 21	20 13	10 8	1 23	25 35	2 38	24 4	0 53	0 33	1 34	22 16	0 52	20 4	1 49	8 16	0 46	12 14	1 25	16 47	4 35	16 17	16 7	2 48	17 43	4 32
M22	20 25	16 9	0 2	25 37	2 37	24 8	0 56	0 16	1 35	22 16	0 52	20 5	1 49	8 16	0 46	12 15	1 25	16 47	4 35	16 18	16 6	2 51	17 44	4 32
T 23	20 36	21 10	1n18	25 37	2 35	24 11	0 58	0n 1	1 35	22 16	0 52	20 6	1 49	8 15	0 46	12 16	1 25	16 47	4 35	16 17	16 5	2 55	17 44	4 32
W24	20 47	24 49	2 32	25 36	2 32	24 14	1 1	0 19	1 36	22 16	0 52	20 7	1 49	8 15	0 46	12 16	1 25	16 47	4 35	16 17	16 4	2 58	17 45	4 32
T 25	20 58	26 49	3 36	25 34	2 28	24 16	1 3	0 36	1 36	22 16	0 52	20 8	1 49	8 15	0 46	12 17	1 25	16 47	4 35	16 16	16 3	3 1	17 45	4 32
F 26	21 8	27 3	4 24	25 29	2 22	24 17	1 5	0 54	1 37	22 15	0 52	20 10	1 49	8 14	0 46	12 18	1 25	16 46	4 35	16 16	16 2	3 4	17 46	4 32
S 27	21 18	25 41	4 57	25 24	2 16	24 17	1 8	1 11	1 37	22 15	0 52	20 11	1 49	8 14	0 46	12 18	1 25	16 46	4 35	16 15	16 1	3 8	17 46	4 32
S 28	21 27	22 57	5 13	25 16	2 8	24 17	1 10	1 28	1 37	22 15	0 52	20 12	1 49	8 14	0 46	12 19	1 26	16 46	4 35	16 14	16 0	3 11	17 47	4 32
M29	21 36	19 12	5 13	25 8	1 59	24 16	1 12	1 45	1 38	22 15	0 52	20 13	1 49	8 14	0 46	12 19	1 26	16 46	4 35	16 13	15 59	3 14	17 47	4 32
T 30	21 45	14 42	4 58	24 58	1 48	24 15	1 15	2 3	1 38	22 14	0 52	20 14	1 49	8 13	0 46	12 20	1 26	16 45	4 35	16 13	15 58	3 17	17 48	4 32
W31	21n53	9n43	4n31	24n47	1n37	24n12	1n17	2n20	1s38	22s14	0n52	20n15	1s49	8s13	0s46	12n21	1s26	16n45	4n35	16n13	15n57	3s21	17n48	4s32

Julian Day Number = 3064907.5, Delta T = 02h33m27s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'03, Lahiri = 47°24'03

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

JUNE 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 41 19	11♊55'22	27♍43	25°R47	10♋13	10♈32	24°R10	12♊16	10♓40	6♉56	26♌52	15♉ 6	14♉ 8	14♎41	14♊23	T 1
F 2	16 45 15	12°53'34	9♎33	25♊40	11°26	11°17	24♐ 3	12°24	10°40	6°57	26°52	15° 7	14° 5	14°48	14°28	F 2
S 3	16 49 12	13°51'44	21°22	25°27	12°38	12° 2	23°56	12°31	10°41	6°59	26°53	15° 9	14° 2	14°55	14°32	S 3
S 4	16 53 8	14°49'53	3♏15	25°10	13°51	12°47	23°48	12°39	10°41	7° 1	26°54	15°10	13°58	15° 1	14°36	S 4
M 5	16 57 5	15°47'59	15°15	24°50	15° 3	13°32	23°41	12°47	10°42	7° 3	26°54	15°R11	13°55	15° 8	14°41	M 5
T 6	17 1 2	16°46'04	27°26	24°25	16°15	14°17	23°33	12°54	10°42	7° 5	26°55	15°10	13°52	15°15	14°45	T 6
W 7	17 4 58	17°44'08	9♐50	23°57	17°28	15° 2	23°26	13° 2	10°43	7° 7	26°56	15° 8	13°49	15°21	14°50	W 7
T 8	17 8 55	18°42'10	22°28	23°27	18°40	15°47	23°18	13° 9	10°43	7° 9	26°57	15° 4	13°46	15°28	14°54	T 8
F 9	17 12 51	19°40'10	5♑21	22°54	19°52	16°32	23°10	13°17	10°43	7°10	26°57	14°59	13°43	15°35	14°58	F 9
S 10	17 16 48	20°38'09	18°29	22°20	21° 4	17°17	23° 3	13°25	10°43	7°12	26°58	14°54	13°39	15°41	15° 3	S 10
S 11	17 20 44	21°36'07	1♒51	21°45	22°16	18° 2	22°55	13°32	10°44	7°14	26°59	14°48	13°36	15°48	15° 7	S 11
M12	17 24 41	22°34'03	15°25	21°10	23°28	18°46	22°48	13°40	10°44	7°16	27° 0	14°43	13°33	15°55	15°12	M12
T 13	17 28 38	23°31'58	29°10	20°35	24°40	19°31	22°40	13°47	10°44	7°17	27° 1	14°39	13°30	16° 1	15°16	T 13
W14	17 32 34	24°29'52	13♓ 5	20° 1	25°52	20°16	22°32	13°55	10°R44	7°19	27° 2	14°37	13°27	16° 8	15°20	W14
T 15	17 36 31	25°27'44	27° 8	19°28	27° 4	21° 1	22°25	14° 3	10°44	7°21	27° 2	14°D36	13°24	16°15	15°25	T 15
F 16	17 40 27	26°25'36	11♈19	18°58	28°16	21°46	22°17	14°10	10°44	7°22	27° 3	14°37	13°20	16°21	15°29	F 16
S 17	17 44 24	27°23'27	25°35	18°30	29°28	22°31	22° 9	14°18	10°44	7°24	27° 4	14°38	13°17	16°28	15°33	S 17
S 18	17 48 20	28°21'16	9♉55	18° 5	0♌39	23°15	22° 2	14°25	10°43	7°26	27° 5	14°R39	13°14	16°35	15°38	S 18
M19	17 52 17	29°19'05	24°16	17°43	1°51	24° 0	21°54	14°33	10°43	7°27	27° 6	14°39	13°11	16°41	15°42	M19
T 20	17 56 13	0♋16'53	8♊33	17°25	3° 3	24°45	21°47	14°40	10°43	7°29	27° 7	14°36	13° 8	16°48	15°47	T 20
W21	18 0 10	1°14'39	22°42	17°11	4°14	25°29	21°39	14°48	10°43	7°30	27° 8	14°32	13° 4	16°55	15°51	W21
T 22	18 4 7	2°12'25	6♋39	17° 1	5°26	26°14	21°32	14°55	10°42	7°32	27° 9	14°26	13° 1	17° 1	15°55	T 22
F 23	18 8 3	3°10'09	20°19	16°56	6°37	26°59	21°24	15° 2	10°42	7°33	27°11	14°18	12°58	17° 8	15°59	F 23
S 24	18 12 0	4° 7'51	3♌40	16°D54	7°48	27°43	21°17	15°10	10°41	7°35	27°12	14°10	12°55	17°15	16° 4	S 24
S 25	18 15 56	5° 5'33	16°40	16°58	9° 0	28°28	21°10	15°17	10°41	7°36	27°13	14° 2	12°52	17°21	16° 8	S 25
M26	18 19 53	6° 3'13	29°19	17° 5	10°11	29°12	21° 3	15°24	10°40	7°38	27°14	13°55	12°49	17°28	16°12	M26
T 27	18 23 49	7° 0'52	11♍40	17°18	11°22	29°57	20°55	15°32	10°40	7°39	27°15	13°49	12°45	17°35	16°16	T 27
W28	18 27 46	7°58'29	23°46	17°34	12°33	0♉41	20°48	15°39	10°39	7°40	27°16	13°46	12°42	17°41	16°21	W28
T 29	18 31 42	8°56'05	5♎42	17°55	13°44	1°25	20°41	15°46	10°38	7°42	27°17	13°D45	12°39	17°48	16°25	T 29
F 30	18 35 39	9♋53'40	17♎32	18♊21	14♌55	2♉10	20♐35	15♊54	10♓38	7♉43	27♌19	13♉45	12♉36	17♎55	16♊29	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	4n27	3n52	24n34	1n25	24n 9	1n19	2n37	1s39	22s14	0n52	20n16	1s49	8s13	0s46	12n21	1s26	16n45	4n34	16n13	15n56	3s24	17n49	4s32
F 2	22 9	0s56	3 3	24 20	1 11	24 5	1 21	2 54	1 39	22 14	0 52	20 17	1 49	8 13	0 46	12 22	1 26	16 45	4 34	16 14	15 55	3 27	17 49	4 33
S 3	22 16	6 18	2 7	24 5	0 57	24 1	1 23	3 11	1 39	22 13	0 52	20 18	1 49	8 13	0 46	12 22	1 26	16 44	4 34	16 14	15 54	3 30	17 49	4 33
S 4	22 22	11 28	1 5	23 50	0 41	23 56	1 25	3 28	1 40	22 13	0 52	20 19	1 49	8 12	0 46	12 23	1 26	16 44	4 34	16 15	15 53	3 34	17 50	4 33
M 5	22 29	16 16	0s 0	23 33	0 25	23 50	1 27	3 45	1 40	22 13	0 52	20 20	1 49	8 12	0 46	12 24	1 26	16 44	4 34	16 15	15 53	3 37	17 50	4 33
T 6	22 34	20 30	1 7	23 15	0 8	23 44	1 29	4 2	1 40	22 12	0 52	20 21	1 49	8 12	0 46	12 24	1 26	16 44	4 34	16 14	15 52	3 40	17 51	4 33
W 7	22 40	23 53	2 11	22 56	0s 9	23 36	1 31	4 19	1 41	22 12	0 52	20 22	1 48	8 12	0 46	12 25	1 26	16 43	4 34	16 14	15 51	3 43	17 51	4 33
T 8	22 45	26 10	3 10	22 37	0 26	23 29	1 33	4 36	1 41	22 12	0 52	20 23	1 48	8 12	0 46	12 25	1 26	16 43	4 34	16 13	15 50	3 47	17 51	4 33
F 9	22 50	27 7	4 0	22 18	0 44	23 20	1 35	4 53	1 41	22 12	0 52	20 24	1 48	8 12	0 46	12 26	1 26	16 43	4 34	16 11	15 49	3 50	17 52	4 33
S 10	22 54	26 34	4 39	21 58	1 2	23 11	1 37	5 10	1 41	22 11	0 51	20 25	1 48	8 12	0 46	12 26	1 26	16 42	4 34	16 10	15 48	3 53	17 52	4 33
S 11	22 58	24 29	5 3	21 39	1 20	23 1	1 38	5 26	1 42	22 11	0 51	20 26	1 48	8 12	0 46	12 27	1 26	16 42	4 34	16 8	15 47	3 56	17 52	4 33
M12	23 1	21 1	5 11	21 19	1 37	22 51	1 40	5 43	1 42	22 11	0 51	20 27	1 48	8 12	0 47	12 27	1 26	16 42	4 34	16 6	15 46	4 0	17 53	4 33
T 13	23 4	16 22	5 1	21 0	1 54	22 40	1 41	6 0	1 42	22 10	0 51	20 28	1 48	8 12	0 47	12 28	1 26	16 41	4 34	16 5	15 45	4 3	17 53	4 34
W14	23 7	10 48	4 33	20 41	2 11	22 28	1 43	6 16	1 42	22 10	0 51	20 28	1 48	8 12	0 47	12 28	1 26	16 41	4 34	16 5	15 44	4 6	17 54	4 34
T 15	23 9	4 38	3 49	20 23	2 26	22 16	1 44	6 33	1 43	22 10	0 51	20 29	1 48	8 12	0 47	12 29	1 26	16 41	4 34	16 4	15 43	4 9	17 54	4 34
F 16	23 11	1n49	2 51	20 6	2 41	22 3	1 46	6 49	1 43	22 9	0 51	20 30	1 48	8 12	0 47	12 29	1 26	16 40	4 34	16 5	15 42	4 13	17 54	4 34
S 17	23 12	8 14	1 42	19 50	2 55	21 50	1 47	7 5	1 43	22 9	0 51	20 31	1 48	8 12	0 47	12 30	1 26	16 40	4 34	16 5	15 41	4 16	17 55	4 34
S 18	23 13	14 15	0 26	19 35	3 8	21 35	1 48	7 21	1 43	22 9	0 51	20 32	1 48	8 12	0 47	12 30	1 26	16 40	4 34	16 5	15 40	4 19	17 55	4 34
M19	23 13	19 30	0n52	19 21	3 19	21 21	1 49	7 38	1 43	22 8	0 51	20 33	1 48	8 12	0 47	12 31	1 26	16 39	4 34	16 5	15 39	4 22	17 55	4 34
T 20	23 13	23 36	2 6	19 9	3 30	21 6	1 50	7 54	1 43	22 8	0 50	20 34	1 48	8 12	0 47	12 31	1 26	16 39	4 34	16 5	15 38	4 26	17 55	4 34
W21	23 13	26 12	3 11	18 59	3 39	20 50	1 51	8 10	1 44	22 8	0 50	20 34	1 48	8 13	0 47	12 32	1 26	16 38	4 34	16 3	15 37	4 29	17 56	4 35
T 22	23 12	27 7	4 3	18 50	3 47	20 34	1 52	8 25	1 44	22 7	0 50	20 35	1 48	8 13	0 47	12 32	1 26	16 38	4 34	16 1	15 36	4 32	17 56	4 35
F 23	23 11	26 20	4 41	18 43	3 54	20 17	1 53	8 41	1 44	22 7	0 50	20 36	1 48	8 13	0 47	12 33	1 26	16 38	4 34	15 59	15 36	4 35	17 56	4 35
S 24	23 10	24 3	5 2	18 37	4 0	19 59	1 54	8 57	1 44	22 7	0 50	20 37	1 48	8 13	0 47	12 33	1 26	16 37	4 34	15 57	15 35	4 39	17 57	4 35
S 25	23 8	20 34	5 7	18 33	4 4	19 41	1 55	9 12	1 44	22 6	0 50	20 38	1 48	8 13	0 47	12 33	1 27	16 37	4 34	15 54	15 34	4 42	17 57	4 35
M26	23 5	16 14	4 56	18 30	4 7	19 23	1 55	9 28	1 44	22 6	0 50	20 38	1 48	8 14	0 47	12 34	1 27	16 36	4 34	15 52	15 33	4 45	17 57	4 35
T 27	23 2	11 19	4 32	18 29	4 9	19 4	1 56	9 43	1 44	22 6	0 49	20 39	1 48	8 14	0 47	12 34	1 27	16 36	4 34	15 51	15 32	4 48	17 57	4 36
W28	22 59	6 4	3 56	18 30	4 10	18 45	1 56	9 59	1 44	22 5	0 49	20 40	1 48	8 14	0 47	12 35	1 27	16 36	4 33	15 50	15 31	4 52	17 58	4 36
T 29	22 56	0 40	3 10	18 31	4 10	18 25	1 56	10 14	1 44	22 5	0 49	20 41	1 48	8 14	0 47	12 35	1 27	16 35	4 33	15 49	15 30	4 55	17 58	4 36
F 30	22n52	4s43	2n16	18n35	4s10	18n 5	1n57	10n29	1s44	22s 5	0n49	20n41	1s48	8s15	0s47	12n35	1s27	16n35	4n33	15n50	15n29	4s58	17n58	4s36

Julian Day Number = 3064938.5, Delta T = 02h33m28s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'07, Lahiri = 47°24'07

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

JULY 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 39 36	10♋51'14	29♎22	18♊50	16♌ 6	2♉54	20°R28	16♊ 1	10°R37	7♉44	27♌20	13♉46	12♉33	18♎ 1	16♊33	S 1
S 2	18 43 32	11°48'46	11♏16	19°24	17°17	3°38	20♐21	16° 8	10♓36	7°45	27°21	13°R47	12°30	18° 8	16°37	S 2
M 3	18 47 29	12°46'17	23°20	20° 2	18°27	4°22	20°14	16°15	10°35	7°47	27°22	13°46	12°26	18°15	16°41	M 3
T 4	18 51 25	13°43'47	5♐39	20°44	19°38	5° 6	20° 8	16°22	10°34	7°48	27°24	13°44	12°23	18°21	16°45	T 4
W 5	18 55 22	14°41'17	18°14	21°30	20°49	5°50	20° 1	16°29	10°33	7°49	27°25	13°39	12°20	18°28	16°50	W 5
T 6	18 59 18	15°38'45	1♑ 9	22°19	21°59	6°34	19°55	16°36	10°32	7°50	27°26	13°32	12°17	18°35	16°54	T 6
F 7	19 3 15	16°36'12	14°22	23°13	23° 9	7°18	19°49	16°43	10°31	7°51	27°28	13°24	12°14	18°41	16°58	F 7
S 8	19 7 12	17°33'39	27°54	24°10	24°20	8° 2	19°43	16°50	10°30	7°52	27°29	13°13	12°10	18°48	17° 2	S 8
S 9	19 11 8	18°31'04	11♒41	25°11	25°30	8°46	19°37	16°57	10°29	7°53	27°30	13° 3	12° 7	18°55	17° 5	S 9
M10	19 15 5	19°28'29	25°40	26°15	26°40	9°30	19°31	17° 4	10°28	7°54	27°32	12°54	12° 4	19° 1	17° 9	M10
T 11	19 19 1	20°25'54	9♓47	27°23	27°50	10°14	19°25	17°11	10°26	7°55	27°33	12°46	12° 1	19° 8	17°13	T 11
W12	19 22 58	21°23'18	23°57	28°34	29° 0	10°57	19°20	17°18	10°25	7°56	27°35	12°41	11°58	19°15	17°17	W12
T 13	19 26 54	22°20'41	8♈ 8	29°48	0♍10	11°41	19°14	17°24	10°24	7°57	27°36	12°38	11°55	19°21	17°21	T 13
F 14	19 30 51	23°18'05	22°18	1♋ 6	1°20	12°25	19° 9	17°31	10°22	7°58	27°38	12°D38	11°51	19°28	17°25	F 14
S 15	19 34 47	24°15'28	6♉24	2°27	2°29	13° 8	19° 4	17°38	10°21	7°59	27°39	12°R38	11°48	19°34	17°29	S 15
S 16	19 38 44	25°12'51	20°27	3°52	3°39	13°52	18°59	17°44	10°20	8° 0	27°40	12°38	11°45	19°41	17°32	S 16
M17	19 42 41	26°10'13	4♊25	5°19	4°49	14°35	18°54	17°51	10°18	8° 1	27°42	12°36	11°42	19°48	17°36	M17
T 18	19 46 37	27° 7'36	18°17	6°50	5°58	15°18	18°49	17°58	10°17	8° 1	27°43	12°32	11°39	19°54	17°40	T 18
W19	19 50 34	28° 4'58	2♋ 1	8°24	7° 7	16° 2	18°45	18° 4	10°15	8° 2	27°45	12°26	11°36	20° 1	17°43	W19
T 20	19 54 30	29° 2'19	15°35	10° 1	8°17	16°45	18°40	18°10	10°14	8° 3	27°46	12°16	11°32	20° 8	17°47	T 20
F 21	19 58 27	29°59'41	28°56	11°42	9°26	17°28	18°36	18°17	10°12	8° 3	27°48	12° 5	11°29	20°14	17°51	F 21
S 22	20 2 23	0♌57'02	12♌ 1	13°25	10°35	18°11	18°32	18°23	10°10	8° 4	27°50	11°52	11°26	20°21	17°54	S 22
S 23	20 6 20	1°54'22	24°50	15°11	11°44	18°54	18°28	18°29	10° 9	8° 5	27°51	11°40	11°23	20°28	17°58	S 23
M24	20 10 16	2°51'42	7♍22	17° 0	12°52	19°37	18°24	18°36	10° 7	8° 5	27°53	11°29	11°20	20°34	18° 1	M24
T 25	20 14 13	3°49'02	19°39	18°52	14° 1	20°19	18°21	18°42	10° 5	8° 6	27°54	11°21	11°16	20°41	18° 5	T 25
W26	20 18 10	4°46'21	1♎43	20°47	15°10	21° 2	18°17	18°48	10° 3	8° 6	27°56	11°15	11°13	20°48	18° 8	W26
T 27	20 22 6	5°43'40	13°37	22°44	16°18	21°45	18°14	18°54	10° 1	8° 7	27°57	11°11	11°10	20°54	18°11	T 27
F 28	20 26 3	6°40'58	25°26	24°44	17°26	22°27	18°11	19° 0	10° 0	8° 7	27°59	11° 9	11° 7	21° 1	18°15	F 28
S 29	20 29 59	7°38'16	7♏15	26°46	18°35	23°10	18° 8	19° 6	9°58	8° 8	28° 1	11° 9	11° 4	21° 8	18°18	S 29
S 30	20 33 56	8°35'33	19° 9	28°50	19°43	23°52	18° 5	19°12	9°56	8° 8	28° 2	11° 9	11° 1	21°14	18°21	S 30
M31	20 37 52	9♌32'50	1♐15	0♌55	20♍51	24♉34	18♐ 3	19♊18	9♓54	8♉ 8	28♌ 4	11♉ 8	10♉57	21♎21	18♊24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n47	9s57	1n17	18n39	4s 8	17n44	1n57	10n44	1s44	22s 4	0n49	20n42	1s48	8s15	0s47	12n36	1s27	16n34	4n33	15n50	15n28	5s 1	17n58	4s36
S 2	22 42	14 52	0 13	18 44	4 5	17 23	1 57	10 59	1 44	22 4	0 49	20 43	1 48	8 15	0 47	12 36	1 27	16 34	4 33	15 50	15 27	5 5	17 58	4 36
M 3	22 37	19 16	0s51	18 51	4 1	17 1	1 57	11 13	1 44	22 4	0 49	20 43	1 48	8 16	0 47	12 36	1 27	16 33	4 33	15 50	15 26	5 8	17 59	4 37
T 4	22 31	22 56	1 54	18 58	3 57	16 39	1 57	11 28	1 44	22 3	0 48	20 44	1 48	8 16	0 47	12 37	1 27	16 33	4 33	15 49	15 25	5 11	17 59	4 37
W 5	22 25	25 35	2 53	19 6	3 51	16 16	1 57	11 42	1 44	22 3	0 48	20 45	1 48	8 17	0 47	12 37	1 27	16 32	4 33	15 48	15 24	5 14	17 59	4 37
T 6	22 19	26 58	3 45	19 15	3 45	15 54	1 56	11 57	1 44	22 3	0 48	20 45	1 49	8 17	0 47	12 37	1 27	16 32	4 33	15 46	15 23	5 18	17 59	4 37
F 7	22 12	26 51	4 26	19 25	3 39	15 30	1 56	12 11	1 44	22 3	0 48	20 46	1 49	8 17	0 48	12 38	1 27	16 31	4 33	15 43	15 22	5 21	17 59	4 38
S 8	22 5	25 10	4 52	19 35	3 31	15 7	1 56	12 25	1 44	22 2	0 48	20 47	1 49	8 18	0 48	12 38	1 27	16 31	4 33	15 40	15 21	5 24	17 59	4 38
S 9	21 57	21 58	5 3	19 45	3 23	14 43	1 55	12 39	1 44	22 2	0 48	20 47	1 49	8 18	0 48	12 38	1 27	16 30	4 33	15 37	15 20	5 27	18 0	4 38
M10	21 50	17 29	4 56	19 56	3 15	14 18	1 54	12 53	1 44	22 2	0 47	20 48	1 49	8 19	0 48	12 39	1 27	16 30	4 33	15 34	15 19	5 31	18 0	4 38
T 11	21 41	12 1	4 30	20 6	3 6	13 54	1 54	13 6	1 44	22 1	0 47	20 49	1 49	8 19	0 48	12 39	1 27	16 30	4 33	15 32	15 18	5 34	18 0	4 38
W12	21 33	5 53	3 48	20 17	2 56	13 29	1 53	13 20	1 44	22 1	0 47	20 49	1 49	8 20	0 48	12 39	1 27	16 29	4 33	15 30	15 17	5 37	18 0	4 39
T 13	21 23	0n33	2 52	20 27	2 46	13 4	1 52	13 33	1 44	22 1	0 47	20 50	1 49	8 20	0 48	12 39	1 27	16 29	4 33	15 30	15 16	5 40	18 0	4 39
F 14	21 14	6 58	1 46	20 37	2 36	12 38	1 51	13 47	1 44	22 1	0 47	20 50	1 49	8 21	0 48	12 40	1 27	16 28	4 33	15 29	15 15	5 44	18 0	4 39
S 15	21 4	13 1	0 33	20 47	2 25	12 12	1 50	14 0	1 44	22 1	0 46	20 51	1 49	8 21	0 48	12 40	1 28	16 28	4 33	15 29	15 14	5 47	18 0	4 39
S 16	20 54	18 22	0n41	20 56	2 14	11 46	1 48	14 13	1 43	22 0	0 46	20 51	1 49	8 22	0 48	12 40	1 28	16 27	4 33	15 29	15 13	5 50	18 0	4 40
M17	20 44	22 41	1 53	21 5	2 3	11 20	1 47	14 25	1 43	22 0	0 46	20 52	1 49	8 23	0 48	12 40	1 28	16 27	4 33	15 29	15 12	5 53	18 0	4 40
T 18	20 33	25 39	2 57	21 12	1 51	10 53	1 46	14 38	1 43	22 0	0 46	20 52	1 49	8 23	0 48	12 40	1 28	16 26	4 33	15 28	15 12	5 57	18 0	4 40
W19	20 22	27 3	3 50	21 19	1 39	10 26	1 44	14 51	1 43	22 0	0 46	20 53	1 49	8 24	0 48	12 41	1 28	16 25	4 33	15 26	15 11	6 0	18 1	4 40
T 20	20 10	26 47	4 29	21 24	1 27	9 59	1 43	15 3	1 43	22 0	0 45	20 53	1 49	8 24	0 48	12 41	1 28	16 25	4 33	15 23	15 10	6 3	18 1	4 41
F 21	19 58	24 58	4 53	21 28	1 15	9 31	1 41	15 15	1 42	21 59	0 45	20 54	1 49	8 25	0 48	12 41	1 28	16 24	4 33	15 19	15 9	6 6	18 1	4 41
S 22	19 46	21 51	5 1	21 31	1 3	9 4	1 39	15 27	1 42	21 59	0 45	20 54	1 49	8 26	0 48	12 41	1 28	16 24	4 33	15 16	15 8	6 10	18 1	4 41
S 23	19 34	17 44	4 53	21 32	0 50	8 36	1 37	15 39	1 42	21 59	0 45	20 55	1 49	8 26	0 48	12 41	1 28	16 23	4 33	15 12	15 7	6 13	18 1	4 42
M24	19 21	12 55	4 31	21 31	0 38	8 8	1 35	15 51	1 42	21 59	0 45	20 55	1 50	8 27	0 48	12 41	1 28	16 23	4 33	15 9	15 6	6 16	18 1	4 42
T 25	19 8	7 42	3 57	21 29	0 26	7 40	1 33	16 2	1 41	21 59	0 44	20 56	1 50	8 28	0 48	12 41	1 28	16 22	4 33	15 6	15 5	6 19	18 1	4 42
W26	18 54	2 17	3 13	21 24	0 14	7 11	1 31	16 14	1 41	21 59	0 44	20 56	1 50	8 28	0 48	12 42	1 28	16 22	4 33	15 4	15 4	6 23	18 1	4 42
T 27	18 40	3s10	2 20	21 17	0 3	6 43	1 28	16 25	1 41	21 59	0 44	20 57	1 50	8 29	0 48	12 42	1 28	16 21	4 33	15 3	15 3	6 26	18 1	4 43
F 28	18 26	8 28	1 22	21 8	0n 9	6 14	1 26	16 36	1 40	21 59	0 44	20 57	1 50	8 30	0 48	12 42	1 28	16 21	4 33	15 3	15 2	6 29	18 1	4 43
S 29	18 12	13 29	0 21	20 56	0 20	5 46	1 23	16 47	1 40	21 59	0 44	20 57	1 50	8 31	0 48	12 42	1 28	16 20	4 33	15 2	15 1	6 32	18 1	4 43
S 30	17 57	18 2	0s42	20 42	0 30	5 17	1 21	16 58	1 40	21 59	0 43	20 58	1 50	8 31	0 48	12 42	1 28	16 20	4 34	15 2	15 0	6 36	18 1	4 44
M31	17n42	21s56	1s44	20n26	0n40	4n48	1n18	17n 8	1s39	21s59	0n43	20n58	1s50	8s32	0s48	12n42	1s28	16n19	4n34	15n 2	14n59	6s39	18n 1	4s44

Julian Day Number = 3064968.5, Delta T = 02h33m29s
Ecliptic obliquity = 23°13'30, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'11, Lahiri = 47°24'11

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

AUGUST 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 41 49	10♌30'07	13♐37	3♌ 2	21♍59	25♉16	18°R 0	19♊23	9°R52	8♉ 9	28♌ 6	11°R 5	10♉54	21♎28	18♊28	T 1
W 2	20 45 45	11°27'24	26°18	5°10	23° 6	25°58	17♐58	19°29	9♓50	8° 9	28° 7	11♉ 0	10°51	21°34	18°31	W 2
T 3	20 49 42	12°24'40	9♑23	7°19	24°14	26°40	17°56	19°35	9°48	8° 9	28° 9	10°52	10°48	21°41	18°34	T 3
F 4	20 53 39	13°21'56	22°52	9°29	25°21	27°22	17°54	19°40	9°46	8° 9	28°10	10°42	10°45	21°48	18°37	F 4
S 5	20 57 35	14°19'12	6♒44	11°39	26°28	28° 4	17°53	19°46	9°44	8° 9	28°12	10°31	10°42	21°54	18°40	S 5
S 6	21 1 32	15°16'28	20°54	13°49	27°36	28°46	17°51	19°51	9°42	8°10	28°14	10°20	10°38	22° 1	18°43	S 6
M 7	21 5 28	16°13'45	5♓19	15°59	28°42	29°27	17°50	19°57	9°40	8°10	28°15	10° 9	10°35	22° 8	18°46	M 7
T 8	21 9 25	17°11'01	19°51	18° 8	29°49	0♊ 9	17°49	20° 2	9°37	8°10	28°17	10° 0	10°32	22°14	18°48	T 8
W 9	21 13 21	18° 8'18	4♈24	20°16	0♎56	0°50	17°48	20° 7	9°35	8°10	28°19	9°54	10°29	22°21	18°51	W 9
T 10	21 17 18	19° 5'35	18°52	22°24	2° 2	1°31	17°47	20°12	9°33	8°R10	28°21	9°51	10°26	22°27	18°54	T 10
F 11	21 21 14	20° 2'52	3♉11	24°30	3° 9	2°12	17°46	20°17	9°31	8°10	28°22	9°50	10°22	22°34	18°57	F 11
S 12	21 25 11	21° 0'11	17°20	26°35	4°15	2°53	17°46	20°22	9°29	8°10	28°24	9°50	10°19	22°41	18°59	S 12
S 13	21 29 8	21°57'30	1♊16	28°39	5°21	3°34	17°46	20°27	9°26	8°10	28°26	9°50	10°16	22°47	19° 2	S 13
M14	21 33 4	22°54'49	15° 2	0♍41	6°27	4°15	17°D46	20°32	9°24	8°10	28°27	9°48	10°13	22°54	19° 4	M14
T 15	21 37 1	23°52'09	28°35	2°41	7°32	4°56	17°46	20°37	9°22	8° 9	28°29	9°44	10°10	23° 1	19° 7	T 15
W16	21 40 57	24°49'30	11♋58	4°40	8°38	5°36	17°46	20°42	9°20	8° 9	28°31	9°38	10° 7	23° 7	19° 9	W16
T 17	21 44 54	25°46'52	25° 8	6°38	9°43	6°17	17°47	20°46	9°17	8° 9	28°32	9°29	10° 3	23°14	19°12	T 17
F 18	21 48 50	26°44'14	8♌ 7	8°33	10°48	6°57	17°47	20°51	9°15	8° 9	28°34	9°18	10° 0	23°21	19°14	F 18
S 19	21 52 47	27°41'36	20°53	10°27	11°53	7°37	17°48	20°55	9°13	8° 9	28°36	9° 6	9°57	23°27	19°16	S 19
S 20	21 56 43	28°38'59	3♍26	12°19	12°58	8°17	17°49	21° 0	9°10	8° 8	28°38	8°54	9°54	23°34	19°19	S 20
M21	22 0 40	29°36'23	15°47	14°10	14° 2	8°57	17°50	21° 4	9° 8	8° 8	28°39	8°43	9°51	23°41	19°21	M21
T 22	22 4 37	0♍33'47	27°55	15°59	15° 7	9°36	17°52	21° 8	9° 6	8° 8	28°41	8°34	9°48	23°47	19°23	T 22
W23	22 8 33	1°31'11	9♎53	17°46	16°11	10°16	17°53	21°12	9° 3	8° 7	28°43	8°28	9°44	23°54	19°25	W23
T 24	22 12 30	2°28'36	21°44	19°31	17°14	10°55	17°55	21°16	9° 1	8° 7	28°44	8°24	9°41	24° 1	19°27	T 24
F 25	22 16 26	3°26'01	3♏31	21°14	18°18	11°35	17°57	21°20	8°58	8° 6	28°46	8°D23	9°38	24° 7	19°29	F 25
S 26	22 20 23	4°23'27	15°19	22°56	19°21	12°14	17°59	21°24	8°56	8° 6	28°48	8°23	9°35	24°14	19°31	S 26
S 27	22 24 19	5°20'53	27°12	24°36	20°25	12°53	18° 1	21°28	8°54	8° 5	28°50	8°24	9°32	24°21	19°33	S 27
M28	22 28 16	6°18'20	9♐17	26°15	21°27	13°31	18° 4	21°32	8°51	8° 5	28°51	8°R24	9°28	24°27	19°34	M28
T 29	22 32 12	7°15'48	21°38	27°52	22°30	14°10	18° 7	21°35	8°49	8° 4	28°53	8°23	9°25	24°34	19°36	T 29
W30	22 36 9	8°13'16	4♑20	29°27	23°32	14°48	18° 9	21°39	8°46	8° 3	28°55	8°20	9°22	24°40	19°38	W30
T 31	22 40 6	9♍10'44	17♑27	1♎ 0	24♎34	15♊27	18♐12	21♊42	8♓44	8♉ 3	28♌56	8♉14	9♉19	24♎47	19♊39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17n27	24s55	2s43	20n 7	0n50	4n18	1n15	17n19	1s39	21s59	0n43	20n58	1s50	8s33	0s48	12n42	1s28	16n19	4n34	15n 1	14n58	6s42	18n 1	4s44	
W 2	17 11	26 45	3 35	19 45	0 58	3 49	1 12	17 29	1 38	21 59	0 43	20 59	1 50	8 34	0 48	12 42	1 28	16 18	4 34	15 0	14 57	6 45	18 0	4 45	
T 3	16 56	27 10	4 17	19 21	1 7	3 20	1 9	17 39	1 38	21 59	0 43	20 59	1 50	8 34	0 48	12 42	1 29	16 17	4 34	14 57	14 56	6 48	18 0	4 45	
F 4	16 40	26 1	4 46	18 55	1 14	2 51	1 6	17 49	1 38	21 59	0 42	20 59	1 50	8 35	0 48	12 42	1 29	16 17	4 34	14 54	14 55	6 52	18 0	4 45	
S 5	16 23	23 16	5 0	18 26	1 21	2 21	1 3	17 58	1 37	21 59	0 42	21 0	1 51	8 36	0 48	12 42	1 29	16 16	4 34	14 51	14 54	6 55	18 0	4 46	
S 6	16 7	19 4	4 56	17 55	1 27	1 52	0 59	18 8	1 37	21 59	0 42	21 0	1 51	8 37	0 48	12 42	1 29	16 16	4 34	14 47	14 53	6 58	18 0	4 46	
M 7	15 50	13 42	4 32	17 22	1 32	1 22	0 56	18 17	1 36	21 59	0 42	21 0	1 51	8 38	0 48	12 42	1 29	16 15	4 34	14 44	14 52	7 1	18 0	4 46	
T 8	15 33	7 32	3 52	16 47	1 36	0 53	0 53	18 26	1 36	21 59	0 42	21 1	1 51	8 38	0 48	12 42	1 29	16 15	4 34	14 41	14 51	7 5	18 0	4 47	
W 9	15 15	0 58	2 56	16 11	1 40	0 23	0 49	18 35	1 35	21 59	0 41	21 1	1 51	8 39	0 48	12 42	1 29	16 14	4 34	14 39	14 50	7 8	18 0	4 47	
T 10	14 58	5n39	1 49	15 33	1 43	0s 7	0 45	18 44	1 35	21 59	0 41	21 1	1 51	8 40	0 48	12 42	1 29	16 14	4 34	14 38	14 49	7 11	18 0	4 47	
F 11	14 40	11 55	0 35	14 53	1 45	0 36	0 41	18 53	1 34	21 59	0 41	21 1	1 51	8 41	0 48	12 42	1 29	16 13	4 34	14 38	14 48	7 14	18 0	4 48	
S 12	14 22	17 29	0n40	14 12	1 46	1 6	0 38	19 1	1 34	22 0	0 41	21 2	1 51	8 42	0 48	12 42	1 29	16 13	4 34	14 38	14 47	7 18	17 59	4 48	
S 13	14 4	22 3	1 51	13 30	1 46	1 36	0 34	19 9	1 33	22 0	0 40	21 2	1 51	8 43	0 49	12 42	1 29	16 12	4 34	14 38	14 46	7 21	17 59	4 48	
M14	13 45	25 17	2 55	12 47	1 46	2 5	0 29	19 17	1 32	22 0	0 40	21 2	1 52	8 43	0 49	12 42	1 29	16 12	4 34	14 37	14 45	7 24	17 59	4 49	
T 15	13 27	27 1	3 48	12 4	1 45	2 35	0 25	19 25	1 32	22 0	0 40	21 2	1 52	8 44	0 49	12 42	1 29	16 11	4 34	14 36	14 44	7 27	17 59	4 49	
W16	13 8	27 8	4 28	11 19	1 44	3 4	0 21	19 33	1 31	22 0	0 40	21 3	1 52	8 45	0 49	12 41	1 29	16 10	4 34	14 34	14 43	7 30	17 59	4 49	
T 17	12 49	25 42	4 52	10 34	1 42	3 34	0 17	19 40	1 31	22 1	0 40	21 3	1 52	8 46	0 49	12 41	1 29	16 10	4 34	14 31	14 42	7 34	17 59	4 50	
F 18	12 29	22 56	5 1	9 49	1 39	4 3	0 12	19 48	1 30	22 1	0 39	21 3	1 52	8 47	0 49	12 41	1 29	16 9	4 34	14 28	14 41	7 37	17 58	4 50	
S 19	12 10	19 4	4 55	9 3	1 35	4 32	0 8	19 55	1 29	22 1	0 39	21 3	1 52	8 48	0 49	12 41	1 29	16 9	4 34	14 24	14 40	7 40	17 58	4 50	
S 20	11 50	14 26	4 35	8 17	1 32	5 2	0 3	20 2	1 29	22 2	0 39	21 3	1 52	8 49	0 49	12 41	1 29	16 8	4 35	14 20	14 39	7 43	17 58	4 51	
M21	11 31	9 17	4 2	7 31	1 27	5 31	0s 2	20 9	1 28	22 2	0 39	21 3	1 52	8 50	0 49	12 41	1 29	16 8	4 35	14 17	14 38	7 46	17 58	4 51	
T 22	11 11	3 51	3 18	6 45	1 22	6 0	0 7	20 15	1 27	22 2	0 39	21 4	1 53	8 51	0 49	12 41	1 30	16 7	4 35	14 14	14 37	7 50	17 58	4 52	
W23	10 50	1s39	2 26	5 59	1 17	6 29	0 11	20 22	1 26	22 3	0 38	21 4	1 53	8 51	0 49	12 40	1 30	16 7	4 35	14 12	14 36	7 53	17 57	4 52	
T 24	10 30	7 2	1 28	5 12	1 11	6 58	0 16	20 28	1 26	22 3	0 38	21 4	1 53	8 52	0 49	12 40	1 30	16 6	4 35	14 11	14 35	7 56	17 57	4 52	
F 25	10 9	12 10	0 26	4 26	1 5	7 27	0 21	20 34	1 25	22 3	0 38	21 4	1 53	8 53	0 49	12 40	1 30	16 6	4 35	14 10	14 34	7 59	17 57	4 53	
S 26	9 49	16 52	0s37	3 41	0 58	7 55	0 27	20 40	1 24	22 4	0 38	21 4	1 53	8 54	0 49	12 40	1 30	16 5	4 35	14 10	14 33	8 3	17 57	4 53	
S 27	9 28	20 58	1 39	2 55	0 52	8 24	0 32	20 46	1 23	22 4	0 38	21 4	1 53	8 55	0 49	12 40	1 30	16 5	4 35	14 11	14 32	8 6	17 56	4 53	
M28	9 7	24 14	2 37	2 10	0 44	8 52	0 37	20 51	1 23	22 4	0 37	21 4	1 53	8 56	0 49	12 39	1 30	16 4	4 35	14 11	14 31	8 9	17 56	4 54	
T 29	8 46	26 27	3 30	1 24	0 37	9 20	0 42	20 57	1 22	22 5	0 37	21 4	1 53	8 57	0 49	12 39	1 30	16 4	4 35	14 10	14 30	8 12	17 56	4 54	
W30	8 25	27 23	4 14	0 40	0 29	9 48	0 48	21 2	1 21	22 5	0 37	21 5	1 54	8 58	0 49	12 39	1 30	16 3	4 35	14 9	14 29	8 15	17 56	4 55	
T 31	8n 3	26s49	4s46	0s 4	0n21	10s16	0s53	21n 7	1s20	22s 6	0n37	21n 5	1s54	8s59	0s49	12n39	1s30	16n 3	4n35	14n 8	14n28	8s19	17n55	4s55	

Julian Day Number = 3064999.5, Delta T = 02h33m30s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'15, Lahiri = 47°24'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3679
geocentric

SEPTEMBER 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 44 2	10♍ 8'13	1♒ 1	2♎32	25♎36	16♊ 5	18♐16	21♊46	8°R42	8°R 2	28♌58	8°R 7	9♉16	24♎54	19♊41	F 1
S 2	22 47 59	11° 5'43	15° 2	4° 2	26°38	16°43	18°19	21°49	8♓39	8♉ 1	29° 0	7♉59	9°13	25° 0	19°42	S 2
S 3	22 51 55	12° 3'13	29°27	5°30	27°39	17°21	18°22	21°52	8°37	8° 1	29° 1	7°50	9° 9	25° 7	19°44	S 3
M 4	22 55 52	13° 0'45	14♓11	6°57	28°40	17°58	18°26	21°55	8°34	8° 0	29° 3	7°42	9° 6	25°14	19°45	M 4
T 5	22 59 48	13°58'17	29° 5	8°21	29°40	18°36	18°30	21°58	8°32	7°59	29° 5	7°36	9° 3	25°20	19°46	T 5
W 6	23 3 45	14°55'50	14♈ 0	9°44	0♏40	19°13	18°34	22° 1	8°30	7°58	29° 6	7°31	9° 0	25°27	19°47	W 6
T 7	23 7 41	15°53'25	28°50	11° 6	1°40	19°50	18°38	22° 4	8°27	7°57	29° 8	7°29	8°57	25°34	19°49	T 7
F 8	23 11 38	16°51'00	13♉27	12°25	2°40	20°27	18°42	22° 7	8°25	7°57	29°10	7°D29	8°54	25°40	19°50	F 8
S 9	23 15 35	17°48'38	27°48	13°43	3°39	21° 3	18°47	22° 9	8°23	7°56	29°11	7°30	8°50	25°47	19°51	S 9
S 10	23 19 31	18°46'16	11♊49	14°58	4°38	21°40	18°51	22°12	8°20	7°55	29°13	7°31	8°47	25°54	19°52	S 10
M11	23 23 28	19°43'56	25°32	16°12	5°36	22°16	18°56	22°14	8°18	7°54	29°15	7°R31	8°44	26° 0	19°53	M11
T 12	23 27 24	20°41'38	8♋58	17°24	6°34	22°52	19° 1	22°17	8°16	7°53	29°16	7°29	8°41	26° 7	19°54	T 12
W13	23 31 21	21°39'21	22° 6	18°33	7°32	23°28	19° 6	22°19	8°13	7°52	29°18	7°26	8°38	26°14	19°54	W13
T 14	23 35 17	22°37'05	5♌ 0	19°40	8°29	24° 3	19°12	22°21	8°11	7°51	29°19	7°20	8°34	26°20	19°55	T 14
F 15	23 39 14	23°34'51	17°40	20°45	9°26	24°39	19°17	22°23	8° 9	7°50	29°21	7°14	8°31	26°27	19°56	F 15
S 16	23 43 10	24°32'38	0♍ 8	21°48	10°22	25°14	19°23	22°25	8° 6	7°49	29°23	7° 6	8°28	26°33	19°56	S 16
S 17	23 47 7	25°30'27	12°25	22°48	11°18	25°49	19°28	22°27	8° 4	7°47	29°24	6°58	8°25	26°40	19°57	S 17
M18	23 51 4	26°28'17	24°33	23°45	12°13	26°24	19°34	22°28	8° 2	7°46	29°26	6°52	8°22	26°47	19°57	M18
T 19	23 55 0	27°26'08	6♎32	24°40	13° 8	26°58	19°40	22°30	8° 0	7°45	29°27	6°46	8°19	26°53	19°58	T 19
W20	23 58 57	28°24'00	18°24	25°32	14° 3	27°32	19°46	22°31	7°57	7°44	29°29	6°43	8°15	27° 0	19°58	W20
T 21	0 2 53	29°21'54	0♏12	26°20	14°57	28° 6	19°53	22°33	7°55	7°43	29°30	6°41	8°12	27° 7	19°58	T 21
F 22	0 6 50	0♎19'49	11°58	27° 5	15°50	28°40	19°59	22°34	7°53	7°42	29°32	6°D41	8° 9	27°13	19°58	F 22
S 23	0 10 46	1°17'45	23°45	27°47	16°43	29°13	20° 6	22°35	7°51	7°40	29°33	6°42	8° 6	27°20	19°59	S 23
S 24	0 14 43	2°15'43	5♐39	28°25	17°35	29°46	20°13	22°36	7°49	7°39	29°35	6°44	8° 3	27°27	19°R59	S 24
M25	0 18 39	3°13'42	17°43	28°59	18°26	0♋19	20°19	22°37	7°47	7°38	29°36	6°45	7°59	27°33	19°59	M25
T 26	0 22 36	4°11'42	0♑ 2	29°28	19°17	0°52	20°26	22°38	7°45	7°36	29°38	6°R46	7°56	27°40	19°59	T 26
W27	0 26 32	5° 9'43	12°41	29°53	20° 8	1°24	20°34	22°39	7°43	7°35	29°39	6°46	7°53	27°47	19°58	W27
T 28	0 30 29	6° 7'46	25°45	0♏14	20°57	1°56	20°41	22°40	7°40	7°34	29°41	6°44	7°50	27°53	19°58	T 28
F 29	0 34 26	7° 5'49	9♒15	0°29	21°46	2°28	20°48	22°40	7°38	7°32	29°42	6°42	7°47	28° 0	19°58	F 29
S 30	0 38 22	8♎ 3'54	23♒14	0♏38	22♏34	2♋59	20♐56	22♊41	7♓37	7♉31	29♌43	6♉38	7♉44	28♎ 7	19♊58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n42	24s41	5s 3	0s48	0n13	10s44	0s59	21n12	1s19	22s 6	0n37	21n 5	1s54	8s59	0s49	12n38	1s30	16n 2	4n35	14n 5	14n27	8s22	17n55	4s55
S 2	7 20	21 1	5 3	1 32	0 4	11 11	1 5	21 16	1 18	22 7	0 36	21 5	1 54	9 0	0 49	12 38	1 30	16 2	4 36	14 3	14 26	8 25	17 55	4 56
S 3	6 59	16 0	4 44	2 14	0s 5	11 38	1 10	21 21	1 17	22 7	0 36	21 5	1 54	9 1	0 49	12 38	1 30	16 1	4 36	14 0	14 25	8 28	17 54	4 56
M 4	6 37	9 58	4 6	2 56	0 14	12 5	1 16	21 25	1 16	22 8	0 36	21 5	1 54	9 2	0 49	12 38	1 30	16 1	4 36	13 57	14 24	8 31	17 54	4 57
T 5	6 15	3 18	3 11	3 38	0 23	12 32	1 22	21 29	1 15	22 8	0 36	21 5	1 54	9 3	0 49	12 37	1 30	16 0	4 36	13 55	14 23	8 35	17 54	4 57
W 6	5 53	3n35	2 3	4 19	0 32	12 59	1 28	21 33	1 14	22 9	0 36	21 5	1 55	9 4	0 49	12 37	1 30	16 0	4 36	13 54	14 22	8 38	17 54	4 57
T 7	5 31	10 14	0 46	4 59	0 41	13 25	1 34	21 37	1 13	22 9	0 35	21 5	1 55	9 5	0 49	12 37	1 30	15 59	4 36	13 53	14 21	8 41	17 53	4 58
F 8	5 9	16 15	0n32	5 39	0 51	13 51	1 40	21 41	1 12	22 10	0 35	21 5	1 55	9 6	0 49	12 36	1 30	15 59	4 36	13 53	14 20	8 44	17 53	4 58
S 9	4 47	21 14	1 47	6 18	1 1	14 17	1 46	21 44	1 11	22 11	0 35	21 5	1 55	9 7	0 49	12 36	1 30	15 58	4 36	13 53	14 19	8 47	17 53	4 59
S 10	4 24	24 53	2 54	6 56	1 10	14 43	1 52	21 48	1 10	22 11	0 35	21 5	1 55	9 7	0 49	12 36	1 30	15 58	4 36	13 54	14 18	8 51	17 52	4 59
M11	4 2	26 59	3 50	7 33	1 20	15 8	1 58	21 51	1 9	22 12	0 35	21 5	1 55	9 8	0 49	12 35	1 30	15 57	4 36	13 54	14 17	8 54	17 52	5 0
T 12	3 39	27 26	4 31	8 9	1 30	15 33	2 4	21 54	1 8	22 12	0 34	21 5	1 55	9 9	0 49	12 35	1 31	15 57	4 37	13 53	14 16	8 57	17 52	5 0
W13	3 17	26 20	4 58	8 45	1 40	15 58	2 11	21 57	1 7	22 13	0 34	21 5	1 56	9 10	0 49	12 35	1 31	15 56	4 37	13 52	14 15	9 0	17 51	5 0
T 14	2 54	23 50	5 8	9 19	1 50	16 22	2 17	22 0	1 6	22 13	0 34	21 5	1 56	9 11	0 49	12 34	1 31	15 56	4 37	13 50	14 14	9 3	17 51	5 1
F 15	2 32	20 13	5 4	9 53	1 59	16 46	2 23	22 2	1 5	22 14	0 34	21 5	1 56	9 12	0 49	12 34	1 31	15 55	4 37	13 48	14 13	9 6	17 50	5 1
S 16	2 9	15 46	4 44	10 25	2 9	17 10	2 30	22 5	1 4	22 15	0 34	21 5	1 56	9 13	0 49	12 33	1 31	15 55	4 37	13 46	14 12	9 10	17 50	5 2
S 17	1 46	10 44	4 12	10 57	2 19	17 34	2 36	22 7	1 2	22 15	0 33	21 5	1 56	9 13	0 49	12 33	1 31	15 54	4 37	13 43	14 11	9 13	17 50	5 2
M18	1 23	5 21	3 29	11 27	2 29	17 57	2 43	22 9	1 1	22 16	0 33	21 5	1 56	9 14	0 49	12 33	1 31	15 54	4 37	13 41	14 10	9 16	17 49	5 2
T 19	1 1	0s10	2 37	11 56	2 38	18 20	2 49	22 11	1 0	22 17	0 33	21 5	1 57	9 15	0 49	12 32	1 31	15 54	4 37	13 39	14 9	9 19	17 49	5 3
W20	0 38	5 38	1 38	12 23	2 48	18 43	2 56	22 13	0 59	22 17	0 33	21 4	1 57	9 16	0 49	12 32	1 31	15 53	4 38	13 38	14 8	9 22	17 48	5 3
T 21	0 15	10 53	0 35	12 49	2 57	19 5	3 2	22 15	0 58	22 18	0 33	21 4	1 57	9 17	0 49	12 31	1 31	15 53	4 38	13 38	14 7	9 26	17 48	5 4
F 22	0s 8	15 45	0s29	13 14	3 6	19 27	3 9	22 17	0 56	22 19	0 33	21 4	1 57	9 17	0 49	12 31	1 31	15 52	4 38	13 37	14 6	9 29	17 48	5 4
S 23	0 31	20 2	1 32	13 37	3 14	19 48	3 16	22 18	0 55	22 19	0 32	21 4	1 57	9 18	0 49	12 31	1 31	15 52	4 38	13 38	14 5	9 32	17 47	5 5
S 24	0 54	23 33	2 32	13 58	3 23	20 10	3 22	22 20	0 54	22 20	0 32	21 4	1 57	9 19	0 48	12 30	1 31	15 51	4 38	13 38	14 4	9 35	17 47	5 5
M25	1 16	26 5	3 26	14 18	3 31	20 31	3 29	22 21	0 52	22 21	0 32	21 4	1 57	9 20	0 48	12 30	1 31	15 51	4 38	13 39	14 3	9 38	17 46	5 5
T 26	1 39	27 25	4 12	14 36	3 38	20 51	3 36	22 22	0 51	22 21	0 32	21 4	1 58	9 20	0 48	12 29	1 31	15 51	4 38	13 39	14 2	9 41	17 46	5 6
W27	2 2	27 23	4 46	14 51	3 46	21 11	3 42	22 24	0 49	22 22	0 32	21 4	1 58	9 21	0 48	12 29	1 31	15 50	4 38	13 39	14 1	9 45	17 46	5 6
T 28	2 25	25 51	5 8	15 4	3 52	21 31	3 49	22 25	0 48	22 23	0 31	21 4	1 58	9 22	0 48	12 28	1 31	15 50	4 39	13 39	14 0	9 48	17 45	5 7
F 29	2 48	22 49	5 13	15 15	3 58	21 50	3 56	22 26	0 47	22 23	0 31	21 4	1 58	9 23	0 48	12 28	1 31	15 50	4 39	13 38	13 59	9 51	17 45	5 7
S 30	3s10	18s23	5s 1	15s24	4s 3	22s 9	4s 2	22n26	0s45	22s24	0n31	21n 3	1s58	9s23	0s48	12n27	1s31	15n49	4n39	13n37	13n58	9s54	17n44	5s 8

Julian Day Number = 3065030.5, Delta T = 02h33m31s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'20, Lahiri = 47°24'20

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

OCTOBER 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 42 19	9♎ 2'01	7♓39	0°R42	23♏21	3♋30	21♐ 4	22♊41	7°R35	7°R30	29♌45	6°R34	7♉40	28♎13	19°R57	S 1
M 2	0 46 15	10° 0'08	22°28	0♏41	24° 8	4° 1	21°11	22°41	7♓33	7♉28	29°46	6♉30	7°37	28°20	19♊57	M 2
T 3	0 50 12	10°58'18	7♈32	0°33	24°53	4°31	21°19	22°41	7°31	7°27	29°48	6°27	7°34	28°26	19°56	T 3
W 4	0 54 8	11°56'28	22°42	0°18	25°38	5° 1	21°27	22°R41	7°29	7°25	29°49	6°26	7°31	28°33	19°56	W 4
T 5	0 58 5	12°54'41	7♉50	29♎57	26°22	5°31	21°36	22°41	7°27	7°24	29°50	6°D25	7°28	28°40	19°55	T 5
F 6	1 2 1	13°52'55	22°46	29°30	27° 5	6° 1	21°44	22°41	7°25	7°22	29°52	6°26	7°25	28°46	19°54	F 6
S 7	1 5 58	14°51'12	7♊23	28°56	27°47	6°30	21°52	22°41	7°24	7°21	29°53	6°27	7°21	28°53	19°54	S 7
S 8	1 9 55	15°49'30	21°38	28°15	28°28	6°59	22° 1	22°40	7°22	7°19	29°54	6°28	7°18	29° 0	19°53	S 8
M 9	1 13 51	16°47'51	5♋28	27°29	29° 7	7°27	22°10	22°40	7°20	7°18	29°55	6°29	7°15	29° 6	19°52	M 9
T 10	1 17 48	17°46'13	18°55	26°38	29°46	7°55	22°18	22°39	7°19	7°16	29°57	6°R30	7°12	29°13	19°51	T 10
W11	1 21 44	18°44'37	2♌ 0	25°41	0♐24	8°23	22°27	22°38	7°17	7°15	29°58	6°29	7° 9	29°20	19°50	W11
T 12	1 25 41	19°43'04	14°45	24°42	1° 0	8°50	22°36	22°38	7°15	7°13	29°59	6°28	7° 5	29°26	19°49	T 12
F 13	1 29 37	20°41'32	27°13	23°40	1°35	9°17	22°46	22°37	7°14	7°12	0♍ 0	6°26	7° 2	29°33	19°47	F 13
S 14	1 33 34	21°40'03	9♍29	22°36	2° 9	9°43	22°55	22°36	7°12	7°10	0° 1	6°24	6°59	29°40	19°46	S 14
S 15	1 37 30	22°38'35	21°34	21°33	2°42	10° 9	23° 4	22°34	7°11	7° 8	0° 3	6°22	6°56	29°46	19°45	S 15
M16	1 41 27	23°37'09	3♎30	20°32	3°13	10°35	23°14	22°33	7° 9	7° 7	0° 4	6°20	6°53	29°53	19°44	M16
T 17	1 45 24	24°35'45	15°22	19°34	3°43	11° 0	23°23	22°32	7° 8	7° 5	0° 5	6°18	6°50	29°59	19°42	T 17
W18	1 49 20	25°34'23	27°10	18°42	4°11	11°25	23°33	22°30	7° 7	7° 3	0° 6	6°18	6°46	0♏ 6	19°41	W18
T 19	1 53 17	26°33'03	8♏57	17°55	4°38	11°49	23°43	22°29	7° 5	7° 2	0° 7	6°D18	6°43	0°13	19°39	T 19
F 20	1 57 13	27°31'45	20°45	17°16	5° 3	12°13	23°52	22°27	7° 4	7° 0	0° 8	6°18	6°40	0°19	19°38	F 20
S 21	2 1 10	28°30'28	2♐36	16°46	5°27	12°36	24° 2	22°25	7° 3	6°59	0° 9	6°19	6°37	0°26	19°36	S 21
S 22	2 5 6	29°29'14	14°34	16°25	5°48	12°59	24°13	22°23	7° 2	6°57	0°10	6°19	6°34	0°33	19°34	S 22
M23	2 9 3	0♏28'01	26°42	16°14	6° 8	13°22	24°23	22°21	7° 1	6°55	0°11	6°20	6°31	0°39	19°32	M23
T 24	2 12 59	1°26'50	9♑ 3	16°D13	6°27	13°44	24°33	22°19	6°59	6°54	0°12	6°21	6°27	0°46	19°31	T 24
W25	2 16 56	2°25'40	21°42	16°22	6°43	14° 5	24°43	22°17	6°58	6°52	0°13	6°21	6°24	0°53	19°29	W25
T 26	2 20 53	3°24'32	4♒40	16°41	6°57	14°26	24°54	22°15	6°57	6°50	0°14	6°R21	6°21	0°59	19°27	T 26
F 27	2 24 49	4°23'25	18° 3	17°10	7° 9	14°46	25° 4	22°13	6°57	6°49	0°15	6°21	6°18	1° 6	19°25	F 27
S 28	2 28 46	5°22'21	1♓51	17°48	7°19	15° 6	25°15	22°10	6°56	6°47	0°16	6°21	6°15	1°13	19°23	S 28
S 29	2 32 42	6°21'17	16° 5	18°35	7°27	15°25	25°26	22° 8	6°55	6°45	0°17	6°D21	6°11	1°19	19°21	S 29
M30	2 36 39	7°20'16	0♈44	19°30	7°32	15°44	25°36	22° 5	6°54	6°44	0°17	6°21	6° 8	1°26	19°19	M30
T 31	2 40 35	8♏19'16	15♈41	20♎32	7♐36	16♋ 2	25♐47	22♊ 2	6♓53	6♉42	0♍18	6♉21	6♉ 5	1♏33	19♊16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s33	12s47	4s29	15s29	4s 8	22s28	4s 9	22n27	0s44	22s25	0n31	21n 3	1s58	9s24	0s48	12n27	1s31	15n49	4n39	13n35	13n57	9s57	17n44	5s 8
M 2	3 56	6 19	3 39	15 32	4 11	22 46	4 16	22 28	0 42	22 25	0 31	21 3	1 59	9 25	0 48	12 26	1 31	15 49	4 39	13 34	13 56	10 0	17 43	5 8
T 3	4 18	0n37	2 32	15 31	4 13	23 3	4 22	22 28	0 41	22 26	0 31	21 3	1 59	9 25	0 48	12 26	1 31	15 48	4 39	13 33	13 55	10 4	17 43	5 9
W 4	4 41	7 36	1 15	15 27	4 14	23 21	4 29	22 29	0 39	22 27	0 30	21 3	1 59	9 26	0 48	12 25	1 31	15 48	4 39	13 33	13 54	10 7	17 42	5 9
T 5	5 3	14 7	0n 8	15 19	4 14	23 38	4 35	22 29	0 37	22 27	0 30	21 3	1 59	9 27	0 48	12 25	1 31	15 48	4 40	13 32	13 53	10 10	17 42	5 10
F 6	5 26	19 44	1 29	15 8	4 13	23 54	4 42	22 30	0 36	22 28	0 30	21 3	1 59	9 27	0 48	12 24	1 31	15 47	4 40	13 33	13 52	10 13	17 42	5 10
S 7	5 48	24 1	2 43	14 53	4 10	24 10	4 48	22 30	0 34	22 29	0 30	21 2	1 59	9 28	0 48	12 24	1 31	15 47	4 40	13 33	13 51	10 16	17 41	5 10
S 8	6 10	26 42	3 44	14 34	4 5	24 25	4 55	22 30	0 33	22 29	0 30	21 2	1 59	9 29	0 48	12 23	1 31	15 47	4 40	13 33	13 50	10 19	17 41	5 11
M 9	6 33	27 38	4 31	14 11	3 58	24 41	5 1	22 30	0 31	22 30	0 30	21 2	2 0	9 29	0 48	12 23	1 31	15 46	4 40	13 34	13 49	10 22	17 40	5 11
T 10	6 55	26 53	5 1	13 45	3 50	24 55	5 7	22 30	0 29	22 31	0 30	21 2	2 0	9 30	0 48	12 22	1 31	15 46	4 40	13 34	13 48	10 26	17 40	5 12
W11	7 17	24 39	5 15	13 15	3 39	25 9	5 13	22 30	0 27	22 31	0 29	21 2	2 0	9 30	0 48	12 22	1 31	15 46	4 41	13 34	13 47	10 29	17 39	5 12
T 12	7 39	21 15	5 13	12 42	3 27	25 23	5 19	22 30	0 26	22 32	0 29	21 2	2 0	9 31	0 48	12 21	1 31	15 45	4 41	13 33	13 46	10 32	17 39	5 12
F 13	8 1	16 57	4 56	12 6	3 13	25 36	5 25	22 30	0 24	22 33	0 29	21 1	2 0	9 31	0 48	12 21	1 32	15 45	4 41	13 33	13 44	10 35	17 38	5 13
S 14	8 22	12 3	4 25	11 28	2 57	25 49	5 31	22 30	0 22	22 33	0 29	21 1	2 0	9 32	0 48	12 20	1 32	15 45	4 41	13 32	13 43	10 38	17 38	5 13
S 15	8 44	6 45	3 43	10 48	2 40	26 1	5 37	22 30	0 20	22 34	0 29	21 1	2 0	9 32	0 48	12 20	1 32	15 45	4 41	13 31	13 42	10 41	17 37	5 14
M16	9 5	1 15	2 52	10 9	2 22	26 13	5 43	22 30	0 18	22 35	0 29	21 1	2 1	9 33	0 48	12 19	1 32	15 44	4 41	13 31	13 41	10 44	17 37	5 14
T 17	9 27	4s15	1 54	9 29	2 2	26 24	5 48	22 30	0 17	22 35	0 28	21 1	2 1	9 33	0 48	12 19	1 32	15 44	4 42	13 30	13 40	10 48	17 36	5 14
W18	9 48	9 35	0 50	8 51	1 42	26 35	5 54	22 30	0 15	22 36	0 28	21 0	2 1	9 34	0 48	12 18	1 32	15 44	4 42	13 30	13 39	10 51	17 36	5 15
T 19	10 9	14 35	0s15	8 14	1 22	26 45	5 59	22 30	0 13	22 37	0 28	21 0	2 1	9 34	0 48	12 18	1 32	15 44	4 42	13 30	13 38	10 54	17 35	5 15
F 20	10 30	19 3	1 19	7 41	1 2	26 55	6 4	22 30	0 11	22 37	0 28	21 0	2 1	9 35	0 48	12 17	1 32	15 43	4 42	13 30	13 37	10 57	17 35	5 16
S 21	10 51	22 48	2 21	7 11	0 42	27 4	6 9	22 29	0 9	22 38	0 28	21 0	2 1	9 35	0 48	12 17	1 32	15 43	4 42	13 30	13 36	11 0	17 34	5 16
S 22	11 12	25 36	3 17	6 45	0 22	27 12	6 13	22 29	0 7	22 38	0 28	20 59	2 1	9 36	0 48	12 16	1 32	15 43	4 42	13 30	13 35	11 3	17 34	5 16
M23	11 32	27 16	4 5	6 23	0 4	27 20	6 18	22 29	0 5	22 39	0 28	20 59	2 1	9 36	0 48	12 15	1 32	15 43	4 43	13 31	13 34	11 6	17 33	5 17
T 24	11 52	27 37	4 43	6 6	0n14	27 28	6 22	22 29	0 2	22 39	0 27	20 59	2 2	9 36	0 48	12 15	1 32	15 43	4 43	13 31	13 33	11 9	17 33	5 17
W25	12 13	26 33	5 8	5 55	0 30	27 34	6 26	22 29	0 0	22 40	0 27	20 59	2 2	9 37	0 48	12 14	1 32	15 43	4 43	13 31	13 32	11 13	17 32	5 17
T 26	12 32	24 4	5 18	5 48	0 45	27 40	6 29	22 29	0n 2	22 41	0 27	20 58	2 2	9 37	0 48	12 14	1 32	15 42	4 43	13 31	13 31	11 16	17 32	5 18
F 27	12 52	20 13	5 11	5 46	0 59	27 46	6 33	22 29	0 4	22 41	0 27	20 58	2 2	9 37	0 48	12 13	1 32	15 42	4 43	13 31	13 30	11 19	17 31	5 18
S 28	13 12	15 11	4 47	5 50	1 11	27 50	6 36	22 29	0 6	22 42	0 27	20 58	2 2	9 38	0 48	12 13	1 32	15 42	4 43	13 31	13 29	11 22	17 31	5 18
S 29	13 31	9 12	4 5	5 57	1 22	27 54	6 38	22 29	0 9	22 42	0 27	20 58	2 2	9 38	0 48	12 12	1 32	15 42	4 44	13 31	13 28	11 25	17 30	5 19
M30	13 50	2 33	3 5	6 9	1 31	27 57	6 40	22 29	0 11	22 43	0 27	20 57	2 2	9 38	0 48	12 12	1 32	15 42	4 44	13 31	13 27	11 28	17 30	5 19
T 31	14s 9	4n23	1s52	6s25	1n39	28s 0	6s42	22n30	0n13	22s43	0n26	20n57	2s 2	9s39	0s48	12n11	1s32	15n42	4n44	13n31	13n26	11s31	17n29	5s19

Julian Day Number = 3065060.5, Delta T = 02h33m32s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'24, Lahiri = 47°24'24

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

NOVEMBER 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 44 32	9♏18'18	0♉51	21♎41	7°R37	16♋19	25♐58	21°R59	6°R52	6°R40	0♍19	6°R21	6♉ 2	1♏39	19°R14	W 1
T 2	2 48 28	10°17'22	16° 4	22°56	7♐35	16°36	26° 9	21♊56	6♓52	6♉39	0°20	6♉21	5°59	1°46	19♊12	T 2
F 3	2 52 25	11°16'28	1♊10	24°16	7°32	16°52	26°21	21°53	6°51	6°37	0°20	6°21	5°56	1°52	19°10	F 3
S 4	2 56 22	12°15'36	16° 0	25°41	7°25	17° 8	26°32	21°50	6°51	6°35	0°21	6°20	5°52	1°59	19° 7	S 4
S 5	3 0 18	13°14'46	0♋29	27° 9	7°17	17°23	26°43	21°47	6°50	6°34	0°22	6°19	5°49	2° 6	19° 5	S 5
M 6	3 4 15	14°13'59	14°31	28°40	7° 6	17°37	26°54	21°44	6°50	6°32	0°22	6°19	5°46	2°12	19° 2	M 6
T 7	3 8 11	15°13'13	28° 6	0♏15	6°52	17°51	27° 6	21°41	6°49	6°30	0°23	6°18	5°43	2°19	19° 0	T 7
W 8	3 12 8	16°12'30	11♌15	1°51	6°37	18° 4	27°17	21°37	6°49	6°29	0°24	6°D17	5°40	2°26	18°57	W 8
T 9	3 16 4	17°11'49	23°59	3°29	6°19	18°16	27°29	21°34	6°48	6°27	0°24	6°17	5°37	2°32	18°54	T 9
F 10	3 20 1	18°11'10	6♍24	5° 9	5°58	18°28	27°41	21°30	6°48	6°25	0°25	6°18	5°33	2°39	18°52	F 10
S 11	3 23 57	19°10'34	18°34	6°50	5°36	18°39	27°52	21°27	6°48	6°24	0°25	6°19	5°30	2°46	18°49	S 11
S 12	3 27 54	20° 9'59	0♎32	8°31	5°11	18°49	28° 4	21°23	6°48	6°22	0°26	6°20	5°27	2°52	18°46	S 12
M13	3 31 51	21° 9'27	12°22	10°13	4°45	18°58	28°16	21°19	6°48	6°21	0°26	6°22	5°24	2°59	18°44	M13
T 14	3 35 47	22° 8'57	24°10	11°55	4°16	19° 7	28°28	21°15	6°47	6°19	0°27	6°23	5°21	3° 6	18°41	T 14
W15	3 39 44	23° 8'29	5♏56	13°38	3°46	19°14	28°40	21°11	6°D47	6°17	0°27	6°R23	5°17	3°12	18°38	W15
T 16	3 43 40	24° 8'03	17°46	15°20	3°14	19°21	28°52	21° 7	6°47	6°16	0°28	6°23	5°14	3°19	18°35	T 16
F 17	3 47 37	25° 7'39	29°39	17° 2	2°41	19°28	29° 4	21° 3	6°48	6°14	0°28	6°21	5°11	3°25	18°32	F 17
S 18	3 51 33	26° 7'17	11♐40	18°45	2° 7	19°33	29°16	20°59	6°48	6°13	0°28	6°19	5° 8	3°32	18°29	S 18
S 19	3 55 30	27° 6'56	23°48	20°27	1°32	19°38	29°29	20°55	6°48	6°11	0°29	6°16	5° 5	3°39	18°26	S 19
M20	3 59 26	28° 6'38	6♑ 7	22° 8	0°56	19°41	29°41	20°51	6°48	6°10	0°29	6°12	5° 2	3°45	18°23	M20
T 21	4 3 23	29° 6'21	18°38	23°49	0°19	19°44	29°53	20°46	6°48	6° 8	0°29	6° 9	4°58	3°52	18°20	T 21
W22	4 7 20	0♐ 6'06	1♒22	25°30	29♏43	19°46	0♑ 6	20°42	6°49	6° 7	0°30	6° 6	4°55	3°59	18°17	W22
T 23	4 11 16	1° 5'53	14°23	27°11	29° 6	19°48	0°18	20°38	6°49	6° 5	0°30	6° 3	4°52	4° 5	18°14	T 23
F 24	4 15 13	2° 5'41	27°42	28°50	28°30	19°R48	0°31	20°33	6°50	6° 4	0°30	6°D 2	4°49	4°12	18°11	F 24
S 25	4 19 9	3° 5'31	11♓20	0♐30	27°54	19°47	0°43	20°29	6°50	6° 2	0°30	6° 3	4°46	4°19	18° 8	S 25
S 26	4 23 6	4° 5'22	25°19	2° 9	27°19	19°46	0°56	20°24	6°51	6° 1	0°30	6° 4	4°43	4°25	18° 4	S 26
M27	4 27 2	5° 5'14	9♈39	3°47	26°44	19°44	1° 8	20°20	6°51	5°59	0°30	6° 5	4°39	4°32	18° 1	M27
T 28	4 30 59	6° 5'09	24°18	5°26	26°11	19°41	1°21	20°15	6°52	5°58	0°30	6° 6	4°36	4°39	17°58	T 28
W29	4 34 55	7° 5'05	9♉10	7° 3	25°40	19°37	1°34	20°10	6°52	5°57	0°31	6°R 7	4°33	4°45	17°55	W29
T 30	4 38 52	8♐ 5'02	24♉11	8♐40	25♏ 9	19♋32	1♑47	20♊ 6	6♓53	5♉55	0♍31	6♉ 6	4♉30	4♏52	17♊52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14 s28	11n11	0 s31	6 s45	1n45	28 s 1	6 s43	22n30	0n16	22 s44	0n26	20n57	2 s 2	9 s39	0 s47	12n11	1 s32	15n42	4n44	13n31	13n25	11 s34	17n29	5 s20
T 2	14 46	17 21	0n54	7 8	1 51	28 2	6 44	22 30	0 18	22 44	0 26	20 57	2 3	9 39	0 47	12 10	1 32	15 42	4 44	13 31	13 24	11 37	17 28	5 20
F 3	15 5	22 23	2 14	7 33	1 54	28 1	6 45	22 31	0 21	22 44	0 26	20 56	2 3	9 39	0 47	12 10	1 32	15 41	4 45	13 31	13 23	11 41	17 28	5 20
S 4	15 23	25 52	3 23	8 1	1 57	28 0	6 45	22 31	0 23	22 45	0 26	20 56	2 3	9 39	0 47	12 9	1 32	15 41	4 45	13 31	13 22	11 44	17 27	5 21
S 5	15 40	27 31	4 18	8 31	1 59	27 58	6 44	22 32	0 25	22 45	0 26	20 56	2 3	9 39	0 47	12 8	1 32	15 41	4 45	13 31	13 21	11 47	17 27	5 21
M 6	15 58	27 20	4 55	9 3	2 0	27 55	6 42	22 32	0 28	22 46	0 26	20 56	2 3	9 40	0 47	12 8	1 32	15 41	4 45	13 30	13 20	11 50	17 26	5 21
T 7	16 15	25 29	5 14	9 36	1 59	27 50	6 40	22 33	0 31	22 46	0 26	20 55	2 3	9 40	0 47	12 7	1 32	15 41	4 45	13 30	13 19	11 53	17 26	5 22
W 8	16 32	22 19	5 16	10 10	1 58	27 45	6 38	22 34	0 33	22 46	0 25	20 55	2 3	9 40	0 47	12 7	1 32	15 41	4 46	13 30	13 17	11 56	17 25	5 22
T 9	16 49	18 10	5 3	10 44	1 56	27 39	6 35	22 35	0 36	22 47	0 25	20 55	2 3	9 40	0 47	12 6	1 32	15 41	4 46	13 30	13 16	11 59	17 25	5 22
F 10	17 6	13 20	4 35	11 20	1 54	27 31	6 31	22 36	0 39	22 47	0 25	20 54	2 3	9 40	0 47	12 6	1 32	15 41	4 46	13 30	13 15	12 2	17 24	5 23
S 11	17 22	8 6	3 55	11 56	1 51	27 22	6 26	22 37	0 41	22 47	0 25	20 54	2 3	9 40	0 47	12 5	1 32	15 41	4 46	13 30	13 14	12 5	17 24	5 23
S 12	17 38	2 38	3 6	12 32	1 47	27 13	6 21	22 39	0 44	22 48	0 25	20 54	2 3	9 40	0 47	12 5	1 32	15 41	4 46	13 31	13 13	12 8	17 23	5 23
M13	17 53	2 s52	2 9	13 7	1 43	27 2	6 14	22 40	0 47	22 48	0 25	20 54	2 3	9 40	0 47	12 4	1 32	15 41	4 46	13 31	13 12	12 11	17 23	5 23
T 14	18 9	8 15	1 7	13 43	1 38	26 49	6 7	22 42	0 50	22 48	0 25	20 53	2 3	9 40	0 47	12 4	1 32	15 41	4 47	13 32	13 11	12 15	17 22	5 24
W15	18 24	13 21	0 2	14 18	1 33	26 36	6 0	22 44	0 53	22 48	0 25	20 53	2 3	9 40	0 47	12 3	1 32	15 41	4 47	13 32	13 10	12 18	17 22	5 24
T 16	18 38	17 59	1 s 3	14 53	1 28	26 22	5 51	22 45	0 55	22 49	0 25	20 53	2 4	9 40	0 47	12 3	1 32	15 41	4 47	13 32	13 9	12 21	17 21	5 24
F 17	18 53	21 56	2 5	15 28	1 22	26 6	5 42	22 47	0 58	22 49	0 24	20 52	2 4	9 40	0 47	12 2	1 32	15 41	4 47	13 31	13 8	12 24	17 21	5 24
S 18	19 7	25 0	3 3	16 1	1 16	25 49	5 32	22 50	1 1	22 49	0 24	20 52	2 4	9 40	0 47	12 2	1 32	15 41	4 47	13 30	13 7	12 27	17 20	5 25
S 19	19 20	26 57	3 53	16 34	1 10	25 32	5 22	22 52	1 4	22 49	0 24	20 52	2 4	9 40	0 47	12 1	1 32	15 41	4 48	13 29	13 6	12 30	17 20	5 25
M20	19 34	27 37	4 32	17 7	1 4	25 13	5 10	22 54	1 7	22 49	0 24	20 51	2 4	9 40	0 47	12 1	1 32	15 41	4 48	13 28	13 5	12 33	17 19	5 25
T 21	19 47	26 54	5 0	17 38	0 57	24 54	4 59	22 57	1 10	22 50	0 24	20 51	2 4	9 40	0 47	12 0	1 32	15 42	4 48	13 27	13 4	12 36	17 19	5 25
W22	19 59	24 46	5 13	18 9	0 51	24 34	4 46	23 0	1 14	22 50	0 24	20 51	2 4	9 39	0 47	12 0	1 32	15 42	4 48	13 26	13 3	12 39	17 19	5 26
T 23	20 12	21 20	5 11	18 38	0 44	24 13	4 33	23 3	1 17	22 50	0 24	20 50	2 4	9 39	0 47	11 59	1 31	15 42	4 48	13 25	13 2	12 42	17 18	5 26
F 24	20 24	16 45	4 52	19 7	0 37	23 52	4 19	23 6	1 20	22 50	0 24	20 50	2 4	9 39	0 47	11 59	1 31	15 42	4 49	13 25	13 1	12 45	17 18	5 26
S 25	20 35	11 13	4 17	19 34	0 31	23 30	4 5	23 9	1 23	22 50	0 24	20 50	2 4	9 39	0 47	11 58	1 31	15 42	4 49	13 25	13 0	12 48	17 17	5 26
S 26	20 47	4 59	3 25	20 1	0 24	23 8	3 51	23 12	1 26	22 50	0 23	20 49	2 4	9 39	0 47	11 58	1 31	15 42	4 49	13 25	12 59	12 51	17 17	5 26
M27	20 57	1n38	2 20	20 27	0 17	22 46	3 36	23 16	1 29	22 50	0 23	20 49	2 4	9 38	0 47	11 58	1 31	15 42	4 49	13 26	12 58	12 54	17 16	5 26
T 28	21 8	8 20	1 4	20 51	0 10	22 23	3 21	23 20	1 33	22 50	0 23	20 49	2 4	9 38	0 46	11 57	1 31	15 42	4 49	13 26	12 56	12 57	17 16	5 27
W29	21 18	14 41	0n17	21 15	0 3	22 1	3 6	23 23	1 36	22 50	0 23	20 49	2 4	9 38	0 46	11 57	1 31	15 43	4 50	13 26	12 55	13 0	17 15	5 27
T 30	21 s28	20n13	1n37	21 s37	0 s 4	21 s39	2 s51	23n27	1n39	22 s50	0n23	20n48	2 s 4	9 s37	0 s46	11n56	1 s31	15n43	4n50	13n26	12n54	13 s 4	17n15	5 s27

Julian Day Number = 3065091.5, Delta T = 02h33m33s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'28, Lahiri = 47°24'28

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ASTRODIENST EPHEMERIS for the year 3679
geocentric

DECEMBER 3679 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 42 49	9♐ 5'02	9♊11	10♐17	24°R41	19°R26	1♑59	20°R 1	6♓54	5°R54	0°R31	6°R 3	4♉27	4♏58	17°R48	F 1
S 2	4 46 45	10° 5'03	24° 1	11°54	24♏15	19♋19	2°12	19♊56	6°55	5♉53	0♍31	5♉59	4°23	5° 5	17♊45	S 2
S 3	4 50 42	11° 5'06	8♋35	13°30	23°51	19°12	2°25	19°51	6°56	5°51	0°30	5°53	4°20	5°12	17°42	S 3
M 4	4 54 38	12° 5'11	22°44	15° 5	23°28	19° 3	2°38	19°47	6°57	5°50	0°30	5°48	4°17	5°18	17°39	M 4
T 5	4 58 35	13° 5'18	6♌27	16°40	23° 9	18°54	2°51	19°42	6°58	5°49	0°30	5°42	4°14	5°25	17°35	T 5
W 6	5 2 31	14° 5'26	19°42	18°15	22°51	18°44	3° 4	19°37	6°59	5°48	0°30	5°38	4°11	5°32	17°32	W 6
T 7	5 6 28	15° 5'37	2♍32	19°50	22°36	18°32	3°17	19°32	7° 0	5°46	0°30	5°36	4° 8	5°38	17°29	T 7
F 8	5 10 24	16° 5'50	14°59	21°24	22°23	18°21	3°30	19°27	7° 1	5°45	0°30	5°D35	4° 4	5°45	17°25	F 8
S 9	5 14 21	17° 6'04	27° 8	22°58	22°13	18° 8	3°43	19°23	7° 2	5°44	0°30	5°35	4° 1	5°52	17°22	S 9
S 10	5 18 18	18° 6'21	9♎ 4	24°32	22° 6	17°54	3°57	19°18	7° 3	5°43	0°29	5°37	3°58	5°58	17°19	S 10
M11	5 22 14	19° 6'39	20°53	26° 5	22° 1	17°40	4°10	19°13	7° 5	5°42	0°29	5°38	3°55	6° 5	17°15	M11
T 12	5 26 11	20° 6'59	2♏39	27°38	21°58	17°25	4°23	19° 8	7° 6	5°41	0°29	5°R39	3°52	6°12	17°12	T 12
W13	5 30 7	21° 7'21	14°27	29°11	21°D58	17° 9	4°36	19° 3	7° 7	5°40	0°29	5°39	3°49	6°18	17° 9	W13
T 14	5 34 4	22° 7'45	26°20	0♑44	22° 0	16°52	4°49	18°58	7° 9	5°39	0°28	5°36	3°45	6°25	17° 5	T 14
F 15	5 38 0	23° 8'10	8♐22	2°16	22° 4	16°35	5° 3	18°53	7°10	5°38	0°28	5°32	3°42	6°32	17° 2	F 15
S 16	5 41 57	24° 8'37	20°35	3°48	22°11	16°17	5°16	18°49	7°12	5°37	0°27	5°25	3°39	6°38	16°59	S 16
S 17	5 45 54	25° 9'06	2♑59	5°20	22°21	15°58	5°29	18°44	7°13	5°36	0°27	5°16	3°36	6°45	16°56	S 17
M18	5 49 50	26° 9'36	15°35	6°52	22°32	15°39	5°43	18°39	7°15	5°35	0°27	5° 7	3°33	6°51	16°52	M18
T 19	5 53 47	27°10'07	28°24	8°23	22°46	15°19	5°56	18°34	7°17	5°34	0°26	4°57	3°29	6°58	16°49	T 19
W20	5 57 43	28°10'39	11♒25	9°55	23° 1	14°59	6° 9	18°29	7°18	5°33	0°26	4°48	3°26	7° 5	16°46	W20
T 21	6 1 40	29°11'13	24°38	11°26	23°19	14°38	6°23	18°25	7°20	5°32	0°25	4°41	3°23	7°11	16°43	T 21
F 22	6 5 36	0♑11'48	8♓ 3	12°57	23°39	14°17	6°36	18°20	7°22	5°31	0°25	4°36	3°20	7°18	16°39	F 22
S 23	6 9 33	1°12'24	21°41	14°27	24° 0	13°55	6°50	18°15	7°24	5°30	0°24	4°34	3°17	7°25	16°36	S 23
S 24	6 13 29	2°13'01	5♈32	15°58	24°24	13°33	7° 3	18°11	7°26	5°30	0°23	4°D34	3°14	7°31	16°33	S 24
M25	6 17 26	3°13'38	19°37	17°28	24°49	13°11	7°17	18° 6	7°28	5°29	0°23	4°34	3°10	7°38	16°30	M25
T 26	6 21 23	4°14'17	3♉54	18°58	25°16	12°48	7°30	18° 1	7°29	5°28	0°22	4°R35	3° 7	7°45	16°27	T 26
W27	6 25 19	5°14'57	18°22	20°27	25°44	12°26	7°43	17°57	7°31	5°28	0°21	4°34	3° 4	7°51	16°24	W27
T 28	6 29 16	6°15'38	2♊58	21°56	26°15	12° 3	7°57	17°52	7°34	5°27	0°21	4°31	3° 1	7°58	16°21	T 28
F 29	6 33 12	7°16'20	17°36	23°24	26°46	11°40	8°10	17°48	7°36	5°26	0°20	4°25	2°58	8° 5	16°17	F 29
S 30	6 37 9	8°17'03	2♋10	24°52	27°20	11°17	8°24	17°44	7°38	5°26	0°19	4°17	2°55	8°11	16°14	S 30
S 31	6 41 5	9♑17'47	16♋33	26♑19	27♏54	10♋54	8♑37	17♊39	7♓40	5♉25	0♍19	4♉ 7	2♉51	8♏18	16♊11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21 s37	24n27	2n51	21 s58	0 s11	21 s17	2 s35	23n31	1n43	22 s50	0n23	20n48	2 s 4	9 s37	0 s46	11n56	1 s31	15n43	4n50	13n25	12n53	13 s 7	17n14	5 s27
S 2	21 46	26 58	3 52	22 18	0 17	20 56	2 20	23 36	1 46	22 50	0 23	20 48	2 4	9 37	0 46	11 55	1 31	15 43	4 50	13 24	12 52	13 10	17 14	5 27
S 3	21 54	27 33	4 37	22 37	0 24	20 35	2 5	23 40	1 49	22 50	0 23	20 47	2 4	9 36	0 46	11 55	1 31	15 43	4 50	13 22	12 51	13 13	17 14	5 27
M 4	22 2	26 19	5 3	22 55	0 31	20 15	1 50	23 45	1 53	22 49	0 23	20 47	2 4	9 36	0 46	11 55	1 31	15 44	4 51	13 20	12 50	13 16	17 13	5 28
T 5	22 10	23 31	5 11	23 11	0 37	19 55	1 35	23 49	1 56	22 49	0 22	20 47	2 4	9 36	0 46	11 54	1 31	15 44	4 51	13 18	12 49	13 19	17 13	5 28
W 6	22 17	19 33	5 2	23 26	0 44	19 36	1 20	23 54	1 59	22 49	0 22	20 46	2 4	9 35	0 46	11 54	1 31	15 44	4 51	13 17	12 48	13 22	17 12	5 28
T 7	22 24	14 48	4 38	23 41	0 50	19 18	1 5	23 59	2 3	22 49	0 22	20 46	2 3	9 35	0 46	11 54	1 31	15 44	4 51	13 16	12 47	13 25	17 12	5 28
F 8	22 30	9 35	4 1	23 53	0 57	19 1	0 51	24 4	2 6	22 49	0 22	20 46	2 3	9 34	0 46	11 53	1 31	15 45	4 51	13 16	12 46	13 28	17 12	5 28
S 9	22 36	4 6	3 14	24 5	1 3	18 45	0 37	24 9	2 9	22 48	0 22	20 45	2 3	9 34	0 46	11 53	1 31	15 45	4 52	13 16	12 45	13 31	17 11	5 28
S 10	22 42	1 s25	2 19	24 15	1 9	18 30	0 23	24 14	2 13	22 48	0 22	20 45	2 3	9 33	0 46	11 53	1 31	15 45	4 52	13 16	12 44	13 34	17 11	5 28
M11	22 47	6 51	1 19	24 25	1 15	18 16	0 10	24 19	2 16	22 48	0 22	20 45	2 3	9 33	0 46	11 52	1 31	15 45	4 52	13 17	12 43	13 37	17 10	5 28
T 12	22 52	12 2	0 16	24 32	1 20	18 3	0n 3	24 24	2 19	22 47	0 22	20 44	2 3	9 32	0 46	11 52	1 31	15 46	4 52	13 17	12 42	13 40	17 10	5 28
W13	22 56	16 47	0 s48	24 39	1 26	17 50	0 16	24 29	2 22	22 47	0 22	20 44	2 3	9 32	0 46	11 52	1 31	15 46	4 52	13 17	12 41	13 43	17 10	5 28
T 14	23 0	20 56	1 50	24 44	1 31	17 39	0 28	24 35	2 26	22 47	0 22	20 44	2 3	9 31	0 46	11 51	1 31	15 46	4 53	13 16	12 39	13 46	17 9	5 28
F 15	23 3	24 16	2 47	24 49	1 36	17 29	0 40	24 40	2 29	22 46	0 22	20 43	2 3	9 31	0 46	11 51	1 31	15 47	4 53	13 15	12 38	13 49	17 9	5 28
S 16	23 6	26 31	3 38	24 51	1 41	17 20	0 51	24 45	2 32	22 46	0 21	20 43	2 3	9 30	0 46	11 51	1 31	15 47	4 53	13 13	12 37	13 52	17 9	5 29
S 17	23 8	27 31	4 19	24 53	1 46	17 11	1 2	24 51	2 35	22 45	0 21	20 43	2 3	9 29	0 46	11 50	1 31	15 47	4 53	13 10	12 36	13 55	17 8	5 29
M18	23 10	27 6	4 49	24 53	1 50	17 4	1 13	24 56	2 38	22 45	0 21	20 43	2 3	9 29	0 46	11 50	1 31	15 47	4 53	13 7	12 35	13 58	17 8	5 29
T 19	23 12	25 15	5 4	24 52	1 55	16 58	1 23	25 1	2 41	22 44	0 21	20 42	2 3	9 28	0 46	11 50	1 31	15 48	4 54	13 3	12 34	14 1	17 8	5 29
W20	23 13	22 4	5 4	24 50	1 59	16 52	1 33	25 7	2 44	22 44	0 21	20 42	2 2	9 28	0 46	11 50	1 31	15 48	4 54	13 0	12 33	14 4	17 7	5 29
T 21	23 13	17 43	4 48	24 46	2 2	16 47	1 42	25 12	2 47	22 43	0 21	20 42	2 2	9 27	0 46	11 49	1 31	15 49	4 54	12 58	12 32	14 7	17 7	5 29
F 22	23 14	12 26	4 16	24 41	2 6	16 44	1 51	25 17	2 50	22 43	0 21	20 41	2 2	9 26	0 46	11 49	1 31	15 49	4 54	12 56	12 31	14 10	17 7	5 29
S 23	23 13	6 28	3 29	24 35	2 9	16 41	1 59	25 22	2 52	22 42	0 21	20 41	2 2	9 25	0 46	11 49	1 31	15 49	4 54	12 56	12 30	14 13	17 6	5 29
S 24	23 12	0 6	2 29	24 28	2 12	16 38	2 7	25 27	2 55	22 42	0 21	20 41	2 2	9 25	0 46	11 49	1 31	15 50	4 54	12 56	12 29	14 16	17 6	5 29
M25	23 11	6n23	1 19	24 19	2 14	16 37	2 15	25 32	2 58	22 41	0 21	20 41	2 2	9 24	0 45	11 49	1 30	15 50	4 55	12 56	12 28	14 19	17 6	5 29
T 26	23 9	12 39	0 4	24 9	2 17	16 36	2 23	25 36	3 0	22 40	0 21	20 40	2 2	9 23	0 45	11 48	1 30	15 50	4 55	12 56	12 27	14 22	17 6	5 29
W27	23 7	18 19	1n13	23 58	2 18	16 36	2 30	25 41	3 3	22 40	0 21	20 40	2 2	9 22	0 45	11 48	1 30	15 51	4 55	12 56	12 26	14 25	17 5	5 28
T 28	23 5	22 57	2 26	23 46	2 20	16 36	2 36	25 45	3 5	22 39	0 20	20 40	2 1	9 22	0 45	11 48	1 30	15 51	4 55	12 55	12 24	14 28	17 5	5 28
F 29	23 2	26 7	3 28	23 32	2 21	16 37	2 42	25 50	3 7	22 38	0 20	20 40	2 1	9 21	0 45	11 48	1 30	15 52	4 55	12 53	12 23	14 31	17 5	5 28
S 30	22 58	27 30	4 17	23 17	2 21	16 39	2 48	25 54	3 10	22 37	0 20	20 39	2 1	9 20	0 45	11 48	1 30	15 52	4 56	12 50	12 22	14 34	17 5	5 28
S 31	22 s54	26n59	4n49	23 s 1	2 s22	16 s41	2n54	25n58	3n12	22 s37	0n20	20n39	2 s 1	9 s19	0 s45	11n48	1 s30	15n53	4n56	12n47	12n21	14 s37	17n 4	5 s28

Julian Day Number = 3065121.5, Delta T = 02h33m34s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'32, Lahiri = 47°24'33

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

JANUARY 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 45 2	10♑18'32	0♌37	27♑46	28♏31	10°R32	8♑51	17°R35	7♓42	5°R25	0°R18	3°R55	2♉48	8♏24	16°R 8	M 1
T 2	6 48 59	11°19'19	14°19	29°11	29° 8	10♋ 9	9° 4	17♊31	7°45	5♉24	0♍17	3♉45	2°45	8°31	16♊ 6	T 2
W 3	6 52 55	12°20'06	27°36	0♒36	29°47	9°47	9°18	17°27	7°47	5°24	0°16	3°35	2°42	8°38	16° 3	W 3
T 4	6 56 52	13°20'55	10♍28	1°59	0♐27	9°24	9°31	17°22	7°49	5°24	0°15	3°28	2°39	8°44	16° 0	T 4
F 5	7 0 48	14°21'45	22°58	3°21	1° 8	9° 2	9°45	17°18	7°52	5°23	0°15	3°24	2°35	8°51	15°57	F 5
S 6	7 4 45	15°22'36	5♎ 9	4°41	1°50	8°40	9°58	17°14	7°54	5°23	0°14	3°21	2°32	8°58	15°54	S 6
S 7	7 8 41	16°23'28	17° 7	5°59	2°34	8°19	10°12	17°10	7°56	5°23	0°13	3°D21	2°29	9° 4	15°51	S 7
M 8	7 12 38	17°24'21	28°56	7°15	3°18	7°58	10°25	17° 7	7°59	5°22	0°12	3°R21	2°26	9°11	15°49	M 8
T 9	7 16 34	18°25'16	10♏43	8°28	4° 4	7°37	10°38	17° 3	8° 1	5°22	0°11	3°21	2°23	9°18	15°46	T 9
W10	7 20 31	19°26'11	22°33	9°39	4°50	7°17	10°52	16°59	8° 4	5°22	0°10	3°19	2°20	9°24	15°43	W10
T 11	7 24 28	20°27'08	4♐30	10°45	5°38	6°58	11° 5	16°55	8° 7	5°22	0° 9	3°15	2°16	9°31	15°41	T 11
F 12	7 28 24	21°28'05	16°39	11°48	6°26	6°39	11°19	16°52	8° 9	5°22	0° 8	3° 8	2°13	9°38	15°38	F 12
S 13	7 32 21	22°29'04	29° 3	12°45	7°16	6°20	11°32	16°48	8°12	5°21	0° 7	2°59	2°10	9°44	15°36	S 13
S 14	7 36 17	23°30'03	11♑42	13°37	8° 6	6° 2	11°45	16°45	8°15	5°21	0° 6	2°47	2° 7	9°51	15°33	S 14
M15	7 40 14	24°31'03	24°38	14°23	8°56	5°45	11°59	16°42	8°17	5°D21	0° 5	2°33	2° 4	9°58	15°31	M15
T 16	7 44 10	25°32'04	7♒50	15° 2	9°48	5°29	12°12	16°38	8°20	5°21	0° 4	2°20	2° 1	10° 4	15°29	T 16
W17	7 48 7	26°33'05	21°15	15°33	10°40	5°13	12°25	16°35	8°23	5°21	0° 3	2° 7	1°57	10°11	15°26	W17
T 18	7 52 3	27°34'06	4♓51	15°55	11°33	4°58	12°39	16°32	8°26	5°22	0° 2	1°57	1°54	10°17	15°24	T 18
F 19	7 56 0	28°35'08	18°36	16° 7	12°27	4°44	12°52	16°29	8°29	5°22	0° 0	1°49	1°51	10°24	15°22	F 19
S 20	7 59 57	29°36'10	2♈27	16°R 9	13°22	4°30	13° 5	16°26	8°32	5°22	29♌59	1°45	1°48	10°31	15°20	S 20
S 21	8 3 53	0♒37'12	16°23	15°59	14°17	4°18	13°18	16°24	8°34	5°22	29°58	1°43	1°45	10°37	15°18	S 21
M22	8 7 50	1°38'14	0♉24	15°38	15°12	4° 6	13°32	16°21	8°37	5°22	29°57	1°43	1°41	10°44	15°16	M22
T 23	8 11 46	2°39'17	14°30	15° 4	16° 8	3°54	13°45	16°18	8°40	5°22	29°56	1°43	1°38	10°51	15°14	T 23
W24	8 15 43	3°40'19	28°38	14°19	17° 5	3°44	13°58	16°16	8°43	5°23	29°55	1°41	1°35	10°57	15°12	W24
T 25	8 19 39	4°41'21	12♊49	13°24	18° 2	3°35	14°11	16°13	8°46	5°23	29°53	1°37	1°32	11° 4	15°10	T 25
F 26	8 23 36	5°42'24	27° 0	12°19	19° 0	3°26	14°24	16°11	8°49	5°23	29°52	1°31	1°29	11°11	15° 8	F 26
S 27	8 27 32	6°43'26	11♋ 7	11° 6	19°58	3°18	14°37	16° 9	8°53	5°24	29°51	1°21	1°26	11°17	15° 7	S 27
S 28	8 31 29	7°44'29	25° 5	9°48	20°57	3°11	14°50	16° 7	8°56	5°24	29°50	1° 9	1°22	11°24	15° 5	S 28
M29	8 35 26	8°45'31	8♌50	8°27	21°57	3° 5	15° 3	16° 5	8°59	5°25	29°48	0°56	1°19	11°31	15° 3	M29
T 30	8 39 22	9°46'34	22°18	7° 5	22°56	3° 0	15°16	16° 3	9° 2	5°25	29°47	0°43	1°16	11°37	15° 2	T 30
W31	8 43 19	10♒47'37	5♍26	5♒46	23♐57	2♋55	15♑29	16♊ 1	9♓ 5	5♉26	29♌46	0♉32	1♉13	11♏44	15♊ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s50	24n45	5n 2	22s44	2s21	16s44	2n59	26n 2	3n14	22s36	0n20	20n39	2s 1	9s18	0s45	11n47	1s30	15n53	4n56	12n43	12n20	14s40	17n 4	5s28
T 2	22 45	21 8	4 58	22 25	2 20	16 47	3 4	26 5	3 15	22 35	0 20	20 39	2 1	9 17	0 45	11 47	1 30	15 53	4 56	12 39	12 19	14 42	17 4	5 28
W 3	22 40	16 32	4 37	22 6	2 19	16 51	3 9	26 9	3 17	22 34	0 20	20 38	2 0	9 17	0 45	11 47	1 30	15 54	4 56	12 36	12 18	14 45	17 4	5 28
T 4	22 34	11 19	4 3	21 46	2 17	16 55	3 13	26 12	3 19	22 33	0 20	20 38	2 0	9 16	0 45	11 47	1 30	15 54	4 56	12 34	12 17	14 48	17 4	5 28
F 5	22 28	5 48	3 17	21 24	2 14	16 59	3 17	26 15	3 20	22 33	0 20	20 38	2 0	9 15	0 45	11 47	1 30	15 55	4 57	12 32	12 16	14 51	17 3	5 28
S 6	22 21	0 11	2 24	21 2	2 10	17 4	3 21	26 18	3 22	22 32	0 20	20 38	2 0	9 14	0 45	11 47	1 30	15 55	4 57	12 31	12 15	14 54	17 3	5 28
S 7	22 14	5s21	1 25	20 39	2 6	17 9	3 24	26 21	3 23	22 31	0 20	20 38	2 0	9 13	0 45	11 47	1 30	15 56	4 57	12 31	12 14	14 57	17 3	5 28
M 8	22 6	10 38	0 23	20 15	2 1	17 14	3 27	26 24	3 25	22 30	0 20	20 37	2 0	9 12	0 45	11 47	1 30	15 56	4 57	12 31	12 13	15 0	17 3	5 28
T 9	21 58	15 32	0s39	19 51	1 56	17 20	3 30	26 26	3 26	22 29	0 20	20 37	1 59	9 11	0 45	11 47	1 30	15 57	4 57	12 31	12 11	15 3	17 3	5 27
W10	21 50	19 51	1 40	19 26	1 49	17 25	3 33	26 28	3 27	22 28	0 19	20 37	1 59	9 10	0 45	11 47	1 30	15 57	4 57	12 31	12 10	15 6	17 3	5 27
T 11	21 41	23 26	2 37	19 1	1 42	17 31	3 35	26 30	3 28	22 27	0 19	20 37	1 59	9 9	0 45	11 47	1 30	15 58	4 58	12 29	12 9	15 9	17 2	5 27
F 12	21 32	26 1	3 28	18 35	1 33	17 37	3 37	26 32	3 29	22 26	0 19	20 37	1 59	9 8	0 45	11 47	1 30	15 58	4 58	12 27	12 8	15 12	17 2	5 27
S 13	21 22	27 23	4 10	18 10	1 24	17 43	3 39	26 34	3 29	22 25	0 19	20 37	1 59	9 7	0 45	11 47	1 30	15 59	4 58	12 24	12 7	15 15	17 2	5 27
S 14	21 12	27 22	4 40	17 45	1 13	17 50	3 41	26 35	3 30	22 24	0 19	20 37	1 58	9 6	0 45	11 47	1 30	15 59	4 58	12 20	12 6	15 18	17 2	5 27
M15	21 2	25 53	4 57	17 21	1 1	17 56	3 42	26 37	3 31	22 22	0 19	20 36	1 58	9 5	0 45	11 47	1 30	16 0	4 58	12 15	12 5	15 21	17 2	5 27
T 16	20 51	22 57	4 59	16 57	0 48	18 2	3 43	26 38	3 31	22 21	0 19	20 36	1 58	9 4	0 45	11 47	1 29	16 0	4 58	12 10	12 4	15 24	17 2	5 26
W17	20 39	18 46	4 44	16 35	0 34	18 9	3 44	26 39	3 32	22 20	0 19	20 36	1 58	9 3	0 45	11 47	1 29	16 1	4 58	12 6	12 3	15 26	17 2	5 26
T 18	20 28	13 34	4 13	16 14	0 19	18 15	3 45	26 40	3 32	22 19	0 19	20 36	1 57	9 2	0 45	11 47	1 29	16 1	4 59	12 3	12 2	15 29	17 2	5 26
F 19	20 16	7 39	3 27	15 55	0 3	18 21	3 46	26 40	3 32	22 18	0 19	20 36	1 57	9 1	0 45	11 47	1 29	16 2	4 59	12 0	12 1	15 32	17 2	5 26
S 20	20 3	1 18	2 28	15 38	0n14	18 27	3 46	26 41	3 32	22 17	0 19	20 36	1 57	9 0	0 45	11 47	1 29	16 2	4 59	11 59	12 0	15 35	17 2	5 26
S 21	19 50	5n 9	1 20	15 23	0 32	18 34	3 46	26 42	3 32	22 15	0 19	20 36	1 57	8 59	0 45	11 47	1 29	16 3	4 59	11 58	11 58	15 38	17 2	5 25
M22	19 37	11 24	0 7	15 12	0 51	18 40	3 46	26 42	3 32	22 14	0 19	20 36	1 57	8 57	0 45	11 47	1 29	16 3	4 59	11 58	11 57	15 41	17 2	5 25
T 23	19 23	17 7	1n 7	15 3	1 10	18 46	3 46	26 42	3 32	22 13	0 19	20 36	1 56	8 56	0 45	11 48	1 29	16 4	4 59	11 58	11 56	15 44	17 2	5 25
W24	19 10	21 55	2 17	14 57	1 30	18 51	3 46	26 42	3 32	22 12	0 18	20 36	1 56	8 55	0 45	11 48	1 29	16 5	4 59	11 57	11 55	15 47	17 2	5 25
T 25	18 55	25 25	3 19	14 55	1 48	18 57	3 45	26 42	3 32	22 10	0 18	20 36	1 56	8 54	0 45	11 48	1 29	16 5	5 0	11 56	11 54	15 50	17 2	5 25
F 26	18 41	27 20	4 8	14 56	2 6	19 3	3 45	26 42	3 32	22 9	0 18	20 36	1 56	8 53	0 45	11 48	1 29	16 6	5 0	11 54	11 53	15 53	17 2	5 24
S 27	18 26	27 27	4 42	14 59	2 23	19 8	3 44	26 42	3 31	22 8	0 18	20 36	1 55	8 52	0 45	11 48	1 29	16 6	5 0	11 50	11 52	15 55	17 2	5 24
S 28	18 10	25 49	4 59	15 5	2 38	19 13	3 43	26 42	3 31	22 6	0 18	20 36	1 55	8 50	0 45	11 48	1 29	16 7	5 0	11 46	11 51	15 58	17 2	5 24
M29	17 55	22 40	4 57	15 14	2 51	19 18	3 42	26 42	3 30	22 5	0 18	20 36	1 55	8 49	0 45	11 49	1 29	16 7	5 0	11 42	11 50	16 1	17 2	5 24
T 30	17 39	18 22	4 40	15 24	3 2	19 22	3 40	26 41	3 30	22 4	0 18	20 36	1 55	8 48	0 45	11 49	1 29	16 8	5 0	11 37	11 49	16 4	17 2	5 24
W31	17s22	13n16	4n 7	15s35	3n10	19s27	3n39	26n41	3n29	22s 2	0n18	20n36	1s54	8s47	0s45	11n49	1s29	16n 8	5n 0	11n33	11n48	16s 7	17n 2	5s23

Julian Day Number = 3065152.5, Delta T = 02h33m34s
Ecliptic obliquity = 23°13'31, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'36, Lahiri = 47°24'37

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

FEBRUARY 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 47 15	11♒48'40	18♍14	4°R32	24♐57	2°R51	15♑41	15°R59	9♓ 8	5♉26	29°R45	0°R23	1♉10	11♏51	14°R59	T 1
F 2	8 51 12	12°49'43	0♎42	3♒25	25°58	2♋48	15°54	15♊58	9°12	5°27	29♌43	0♉16	1° 7	11°57	14♊58	F 2
S 3	8 55 8	13°50'46	12°54	2°26	27° 0	2°46	16° 7	15°56	9°15	5°28	29°42	0°13	1° 3	12° 4	14°56	S 3
S 4	8 59 5	14°51'49	24°52	1°36	28° 1	2°45	16°20	15°55	9°18	5°28	29°41	0°12	1° 0	12°10	14°55	S 4
M 5	9 3 1	15°52'53	6♏43	0°55	29° 4	2°D44	16°32	15°54	9°21	5°29	29°39	0°D12	0°57	12°17	14°54	M 5
T 6	9 6 58	16°53'56	18°30	0°25	0♑ 6	2°44	16°45	15°53	9°25	5°30	29°38	0°R12	0°54	12°24	14°53	T 6
W 7	9 10 55	17°55'00	0♐20	0° 5	1° 9	2°45	16°57	15°51	9°28	5°30	29°37	0°11	0°51	12°30	14°52	W 7
T 8	9 14 51	18°56'04	12°19	29♑54	2°12	2°47	17°10	15°51	9°31	5°31	29°35	0° 8	0°47	12°37	14°51	T 8
F 9	9 18 48	19°57'08	24°31	29°D52	3°16	2°50	17°22	15°50	9°35	5°32	29°34	0° 3	0°44	12°44	14°50	F 9
S 10	9 22 44	20°58'12	7♑ 0	29°59	4°20	2°53	17°35	15°49	9°38	5°33	29°33	29♈56	0°41	12°50	14°49	S 10
S 11	9 26 41	21°59'15	19°50	0♒13	5°24	2°57	17°47	15°48	9°41	5°34	29°31	29°45	0°38	12°57	14°48	S 11
M12	9 30 37	23° 0'19	3♒ 1	0°35	6°28	3° 1	17°59	15°48	9°45	5°35	29°30	29°34	0°35	13° 4	14°48	M12
T 13	9 34 34	24° 1'22	16°32	1° 3	7°33	3° 7	18°12	15°48	9°48	5°36	29°29	29°22	0°32	13°10	14°47	T 13
W14	9 38 31	25° 2'25	0♓21	1°36	8°38	3°13	18°24	15°47	9°52	5°37	29°27	29°11	0°28	13°17	14°46	W14
T 15	9 42 27	26° 3'27	14°23	2°15	9°43	3°20	18°36	15°47	9°55	5°38	29°26	29° 2	0°25	13°24	14°46	T 15
F 16	9 46 24	27° 4'29	28°35	2°59	10°49	3°27	18°48	15°D47	9°58	5°39	29°25	28°56	0°22	13°30	14°46	F 16
S 17	9 50 20	28° 5'29	12♈51	3°47	11°54	3°35	19° 0	15°47	10° 2	5°40	29°23	28°52	0°19	13°37	14°45	S 17
S 18	9 54 17	29° 6'29	27° 7	4°40	13° 0	3°44	19°12	15°47	10° 5	5°41	29°22	28°D51	0°16	13°44	14°45	S 18
M19	9 58 13	0♓ 7'29	11♉20	5°35	14° 6	3°53	19°23	15°48	10° 9	5°42	29°20	28°52	0°13	13°50	14°45	M19
T 20	10 2 10	1° 8'27	25°29	6°34	15°13	4° 3	19°35	15°48	10°12	5°43	29°19	28°R52	0° 9	13°57	14°45	T 20
W21	10 6 6	2° 9'24	9♊32	7°36	16°19	4°14	19°47	15°49	10°16	5°45	29°18	28°52	0° 6	14° 3	14°D45	W21
T 22	10 10 3	3°10'21	23°28	8°40	17°26	4°25	19°58	15°49	10°19	5°46	29°16	28°50	0° 3	14°10	14°45	T 22
F 23	10 14 0	4°11'16	7♋17	9°47	18°33	4°37	20°10	15°50	10°23	5°47	29°15	28°46	29♈59	14°17	14°45	F 23
S 24	10 17 56	5°12'11	20°58	10°55	19°40	4°49	20°21	15°51	10°26	5°48	29°14	28°39	29°57	14°23	14°45	S 24
S 25	10 21 53	6°13'04	4♌29	12° 6	20°48	5° 2	20°33	15°52	10°30	5°50	29°12	28°31	29°53	14°30	14°45	S 25
M26	10 25 49	7°13'56	17°47	13°19	21°55	5°16	20°44	15°53	10°33	5°51	29°11	28°22	29°50	14°37	14°45	M26
T 27	10 29 46	8°14'47	0♍52	14°33	23° 3	5°30	20°55	15°54	10°37	5°52	29°10	28°12	29°47	14°43	14°46	T 27
W28	10 33 42	9°15'38	13°43	15°49	24°11	5°44	21° 6	15°55	10°40	5°54	29° 8	28° 4	29°44	14°50	14°46	W28
T 29	10 37 39	10♓16'27	26♍18	17♒ 7	25♑19	5♋59	21♑17	15♊57	10♓44	5♉55	29♌ 7	27♈57	29♈41	14♏57	14♊47	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 6	7n44	3n23	15s47	3n16	19s31	3n37	26n40	3n29	22s 1	0n18	20n36	1s54	8s46	0s45	11n49	1s29	16n 9	5n 0	11n30	11n46	16s10	17n 2	5s23
F 2	16 49	2 1	2 30	16 0	3 19	19 35	3 35	26 40	3 28	21 59	0 18	20 36	1 54	8 44	0 45	11 50	1 29	16 10	5 1	11 28	11 45	16 13	17 2	5 23
S 3	16 31	3s39	1 30	16 12	3 19	19 38	3 33	26 39	3 27	21 58	0 18	20 36	1 54	8 43	0 45	11 50	1 29	16 10	5 1	11 27	11 44	16 15	17 2	5 23
S 4	16 14	9 6	0 28	16 25	3 18	19 41	3 31	26 38	3 27	21 57	0 18	20 37	1 53	8 42	0 45	11 50	1 29	16 11	5 1	11 26	11 43	16 18	17 2	5 22
M 5	15 56	14 11	0s35	16 37	3 14	19 44	3 29	26 38	3 26	21 55	0 18	20 37	1 53	8 41	0 45	11 50	1 29	16 11	5 1	11 26	11 42	16 21	17 3	5 22
T 6	15 38	18 43	1 36	16 48	3 9	19 46	3 27	26 37	3 25	21 54	0 18	20 37	1 53	8 40	0 44	11 51	1 28	16 12	5 1	11 26	11 41	16 24	17 3	5 22
W 7	15 20	22 32	2 33	16 59	3 3	19 48	3 25	26 36	3 24	21 52	0 18	20 37	1 53	8 38	0 44	11 51	1 28	16 12	5 1	11 26	11 40	16 27	17 3	5 22
T 8	15 1	25 27	3 24	17 8	2 55	19 50	3 22	26 35	3 23	21 51	0 18	20 37	1 52	8 37	0 44	11 51	1 28	16 13	5 1	11 25	11 39	16 30	17 3	5 21
F 9	14 42	27 14	4 7	17 17	2 46	19 51	3 20	26 34	3 23	21 49	0 17	20 37	1 52	8 36	0 44	11 52	1 28	16 14	5 1	11 23	11 38	16 33	17 3	5 21
S 10	14 23	27 41	4 39	17 25	2 37	19 52	3 17	26 33	3 22	21 48	0 17	20 37	1 52	8 35	0 44	11 52	1 28	16 14	5 1	11 21	11 37	16 35	17 3	5 21
S 11	14 3	26 41	4 58	17 31	2 27	19 53	3 14	26 32	3 21	21 46	0 17	20 38	1 52	8 33	0 44	11 52	1 28	16 15	5 1	11 17	11 35	16 38	17 3	5 21
M12	13 44	24 13	5 2	17 37	2 17	19 53	3 11	26 31	3 20	21 45	0 17	20 38	1 51	8 32	0 44	11 53	1 28	16 15	5 2	11 13	11 34	16 41	17 4	5 20
T 13	13 24	20 21	4 49	17 41	2 7	19 53	3 8	26 30	3 19	21 43	0 17	20 38	1 51	8 31	0 44	11 53	1 28	16 16	5 2	11 9	11 33	16 44	17 4	5 20
W14	13 4	15 18	4 20	17 44	1 56	19 52	3 5	26 29	3 18	21 41	0 17	20 38	1 51	8 29	0 44	11 53	1 28	16 16	5 2	11 5	11 32	16 47	17 4	5 20
T 15	12 43	9 23	3 34	17 46	1 45	19 51	3 2	26 28	3 17	21 40	0 17	20 39	1 51	8 28	0 44	11 54	1 28	16 17	5 2	11 2	11 31	16 49	17 4	5 20
F 16	12 23	2 55	2 34	17 47	1 34	19 49	2 59	26 27	3 16	21 38	0 17	20 39	1 50	8 27	0 44	11 54	1 28	16 17	5 2	11 0	11 30	16 52	17 4	5 19
S 17	12 2	3n44	1 24	17 46	1 24	19 47	2 56	26 25	3 15	21 37	0 17	20 39	1 50	8 26	0 44	11 54	1 28	16 18	5 2	10 59	11 29	16 55	17 5	5 19
S 18	11 41	10 13	0 9	17 45	1 13	19 44	2 52	26 24	3 14	21 35	0 17	20 39	1 50	8 24	0 44	11 55	1 28	16 19	5 2	10 58	11 28	16 58	17 5	5 19
M19	11 20	16 9	1n 6	17 42	1 3	19 41	2 49	26 23	3 13	21 34	0 17	20 40	1 49	8 23	0 44	11 55	1 28	16 19	5 2	10 58	11 27	17 1	17 5	5 18
T 20	10 58	21 11	2 18	17 37	0 52	19 38	2 45	26 21	3 12	21 32	0 17	20 40	1 49	8 22	0 44	11 56	1 28	16 20	5 2	10 59	11 26	17 3	17 5	5 18
W21	10 37	24 59	3 20	17 32	0 42	19 34	2 42	26 20	3 11	21 30	0 17	20 40	1 49	8 20	0 44	11 56	1 28	16 20	5 2	10 59	11 24	17 6	17 6	5 18
T 22	10 15	27 14	4 10	17 25	0 32	19 29	2 38	26 19	3 10	21 29	0 17	20 41	1 49	8 19	0 44	11 57	1 28	16 21	5 2	10 58	11 23	17 9	17 6	5 18
F 23	9 53	27 46	4 45	17 17	0 22	19 24	2 35	26 17	3 8	21 27	0 17	20 41	1 48	8 18	0 44	11 57	1 28	16 21	5 2	10 56	11 22	17 12	17 6	5 17
S 24	9 31	26 36	5 3	17 8	0 13	19 19	2 31	26 16	3 7	21 25	0 17	20 41	1 48	8 16	0 44	11 57	1 28	16 22	5 2	10 54	11 21	17 15	17 7	5 17
S 25	9 9	23 54	5 4	16 57	0 4	19 13	2 27	26 14	3 6	21 24	0 17	20 42	1 48	8 15	0 44	11 58	1 28	16 22	5 2	10 51	11 20	17 17	17 7	5 17
M26	8 47	19 57	4 49	16 46	0s 5	19 6	2 23	26 12	3 5	21 22	0 16	20 42	1 48	8 14	0 44	11 58	1 28	16 23	5 3	10 48	11 19	17 20	17 7	5 17
T 27	8 24	15 6	4 18	16 33	0 14	18 59	2 19	26 11	3 4	21 21	0 16	20 42	1 47	8 12	0 44	11 59	1 28	16 23	5 3	10 44	11 18	17 23	17 8	5 16
W28	8 2	9 40	3 35	16 19	0 23	18 52	2 15	26 9	3 3	21 19	0 16	20 43	1 47	8 11	0 44	11 59	1 28	16 24	5 3	10 42	11 17	17 26	17 8	5 16
T 29	7s39	3n56	2n42	16s 3	0s31	18s44	2n11	26n 7	3n 2	21s17	0n16	20n43	1s47	8s10	0s44	12n 0	1s28	16n24	5n 3	10n39	11n16	17s28	17n 8	5s16

Julian Day Number = 3065183.5, Delta T = 02h33m35s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'41, Lahiri = 47°24'41

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

MARCH 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 41 35	11♓17'15	8♎38	18♒26	26♑27	6♋15	21♑28	15♊58	10♓47	5♉57	29°R 6	27°R53	29♈38	15♏ 3	14♊47	F 1
S 2	10 45 32	12°18'03	20°46	19°46	27°35	6°30	21°39	16° 0	10°51	5°58	29♌ 4	27♈51	29°34	15°10	14°48	S 2
S 3	10 49 28	13°18'50	2♏42	21° 7	28°44	6°47	21°50	16° 2	10°54	6° 0	29° 3	27°D51	29°31	15°17	14°48	S 3
M 4	10 53 25	14°19'35	14°32	22°30	29°53	7° 4	22° 1	16° 3	10°58	6° 1	29° 2	27°52	29°28	15°23	14°49	M 4
T 5	10 57 22	15°20'21	26°20	23°53	1♒ 1	7°21	22°11	16° 5	11° 1	6° 3	29° 0	27°54	29°25	15°30	14°50	T 5
W 6	11 1 18	16°21'05	8♐10	25°18	2°10	7°39	22°22	16° 7	11° 5	6° 5	28°59	27°55	29°22	15°37	14°51	W 6
T 7	11 5 15	17°21'48	20° 8	26°44	3°20	7°57	22°32	16°10	11° 8	6° 6	28°58	27°R55	29°18	15°43	14°52	T 7
F 8	11 9 11	18°22'31	2♑19	28°11	4°29	8°15	22°42	16°12	11°12	6° 8	28°56	27°54	29°15	15°50	14°53	F 8
S 9	11 13 8	19°23'12	14°48	29°38	5°38	8°34	22°53	16°14	11°15	6° 9	28°55	27°51	29°12	15°57	14°54	S 9
S 10	11 17 4	20°23'53	27°38	1♓ 7	6°48	8°54	23° 3	16°17	11°19	6°11	28°54	27°47	29° 9	16° 3	14°55	S 10
M11	11 21 1	21°24'32	10♒53	2°37	7°57	9°14	23°13	16°19	11°22	6°13	28°53	27°41	29° 6	16°10	14°57	M11
T 12	11 24 57	22°25'11	24°33	4° 7	9° 7	9°34	23°23	16°22	11°26	6°15	28°51	27°35	29° 3	16°16	14°58	T 12
W13	11 28 54	23°25'48	8♓36	5°39	10°17	9°54	23°32	16°25	11°29	6°16	28°50	27°29	28°59	16°23	14°59	W13
T 14	11 32 51	24°26'24	22°59	7°11	11°27	10°15	23°42	16°28	11°32	6°18	28°49	27°25	28°56	16°30	15° 1	T 14
F 15	11 36 47	25°26'58	7♈35	8°44	12°37	10°36	23°52	16°31	11°36	6°20	28°48	27°22	28°53	16°36	15° 2	F 15
S 16	11 40 44	26°27'31	22°18	10°18	13°47	10°58	24° 1	16°34	11°39	6°22	28°46	27°D21	28°50	16°43	15° 4	S 16
S 17	11 44 40	27°28'03	7♉ 1	11°54	14°57	11°20	24°10	16°37	11°43	6°24	28°45	27°21	28°47	16°50	15° 5	S 17
M18	11 48 37	28°28'32	21°38	13°30	16° 7	11°42	24°20	16°40	11°46	6°26	28°44	27°22	28°44	16°56	15° 7	M18
T 19	11 52 33	29°29'01	6♊ 4	15° 7	17°18	12° 5	24°29	16°44	11°50	6°27	28°43	27°23	28°40	17° 3	15° 9	T 19
W20	11 56 30	0♈29'27	20°16	16°45	18°28	12°28	24°38	16°47	11°53	6°29	28°42	27°25	28°37	17°10	15°11	W20
T 21	12 0 26	1°29'52	4♋12	18°23	19°39	12°51	24°47	16°51	11°56	6°31	28°41	27°R25	28°34	17°16	15°13	T 21
F 22	12 4 23	2°30'15	17°53	20° 3	20°49	13°14	24°55	16°54	12° 0	6°33	28°40	27°24	28°31	17°23	15°15	F 22
S 23	12 8 20	3°30'36	1♌17	21°44	22° 0	13°38	25° 4	16°58	12° 3	6°35	28°39	27°22	28°28	17°30	15°17	S 23
S 24	12 12 16	4°30'55	14°27	23°26	23°11	14° 2	25°13	17° 2	12° 6	6°37	28°37	27°19	28°24	17°36	15°19	S 24
M25	12 16 13	5°31'12	27°23	25° 9	24°22	14°27	25°21	17° 6	12°10	6°39	28°36	27°16	28°21	17°43	15°21	M25
T 26	12 20 9	6°31'27	10♍ 5	26°52	25°33	14°51	25°29	17°10	12°13	6°41	28°35	27°12	28°18	17°50	15°23	T 26
W27	12 24 6	7°31'41	22°35	28°37	26°44	15°16	25°37	17°14	12°16	6°43	28°34	27° 9	28°15	17°56	15°25	W27
T 28	12 28 2	8°31'53	4♎54	0♈23	27°55	15°41	25°45	17°18	12°19	6°45	28°33	27° 7	28°12	18° 3	15°28	T 28
F 29	12 31 59	9°32'03	17° 2	2°10	29° 6	16° 6	25°53	17°23	12°23	6°47	28°32	27° 6	28° 9	18°10	15°30	F 29
S 30	12 35 55	10°32'11	29° 2	3°58	0♓17	16°32	26° 1	17°27	12°26	6°49	28°31	27°D 5	28° 5	18°16	15°33	S 30
S 31	12 39 52	11♈32'18	10♏55	5♈47	1♓28	16♋58	26♑ 8	17♊31	12♓29	6♉51	28♌30	27♈ 6	28♈ 2	18♏23	15♊35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s16	1s50	1n42	15s47	0s39	18s35	2n 7	26n 5	3n 1	21s16	0n16	20n44	1s47	8s 9	0s44	12n 0	1s27	16n25	5n 3	10n38	11n14	17s31	17n 9	5s15
S 2	6 53	7 27	0 38	15 30	0 46	18 26	2 3	26 3	3 0	21 14	0 16	20 44	1 46	8 7	0 44	12 1	1 27	16 25	5 3	10 37	11 13	17 34	17 9	5 15
S 3	6 30	12 43	0s26	15 11	0 54	18 17	1 59	26 2	2 59	21 12	0 16	20 44	1 46	8 6	0 44	12 2	1 27	16 26	5 3	10 37	11 12	17 37	17 9	5 15
M 4	6 7	17 29	1 29	14 51	1 1	18 7	1 55	26 0	2 57	21 11	0 16	20 45	1 46	8 5	0 44	12 2	1 27	16 26	5 3	10 37	11 11	17 39	17 10	5 15
T 5	5 44	21 34	2 28	14 30	1 8	17 57	1 51	25 57	2 56	21 9	0 16	20 45	1 46	8 3	0 44	12 3	1 27	16 27	5 3	10 38	11 10	17 42	17 10	5 14
W 6	5 20	24 47	3 21	14 8	1 14	17 46	1 47	25 55	2 55	21 8	0 16	20 46	1 45	8 2	0 44	12 3	1 27	16 27	5 3	10 38	11 9	17 45	17 10	5 14
T 7	4 57	26 57	4 6	13 45	1 20	17 34	1 43	25 53	2 54	21 6	0 16	20 46	1 45	8 1	0 44	12 4	1 27	16 28	5 3	10 38	11 8	17 48	17 11	5 14
F 8	4 33	27 53	4 41	13 21	1 26	17 22	1 39	25 51	2 53	21 4	0 16	20 47	1 45	7 59	0 44	12 4	1 27	16 28	5 3	10 38	11 7	17 50	17 11	5 13
S 9	4 10	27 26	5 3	12 56	1 32	17 10	1 34	25 49	2 52	21 3	0 16	20 47	1 45	7 58	0 44	12 5	1 27	16 29	5 3	10 37	11 6	17 53	17 11	5 13
S 10	3 46	25 32	5 11	12 29	1 37	16 57	1 30	25 46	2 51	21 1	0 16	20 48	1 44	7 57	0 44	12 5	1 27	16 29	5 3	10 35	11 4	17 56	17 12	5 13
M11	3 23	22 12	5 3	12 2	1 42	16 44	1 26	25 44	2 50	20 59	0 16	20 48	1 44	7 55	0 44	12 6	1 27	16 30	5 3	10 33	11 3	17 59	17 12	5 13
T 12	2 59	17 35	4 38	11 34	1 46	16 30	1 22	25 41	2 49	20 58	0 16	20 49	1 44	7 54	0 44	12 7	1 27	16 30	5 3	10 31	11 2	18 1	17 13	5 12
W13	2 35	11 55	3 55	11 4	1 50	16 16	1 18	25 39	2 48	20 56	0 16	20 49	1 44	7 53	0 44	12 7	1 27	16 31	5 3	10 29	11 1	18 4	17 13	5 12
T 14	2 11	5 28	2 57	10 34	1 54	16 1	1 14	25 36	2 46	20 55	0 16	20 50	1 43	7 52	0 44	12 8	1 27	16 31	5 3	10 28	11 0	18 7	17 14	5 12
F 15	1 48	1n21	1 46	10 3	1 58	15 46	1 9	25 33	2 45	20 53	0 16	20 50	1 43	7 50	0 44	12 8	1 27	16 32	5 3	10 27	10 59	18 9	17 14	5 12
S 16	1 24	8 11	0 28	9 30	2 1	15 30	1 5	25 30	2 44	20 52	0 15	20 51	1 43	7 49	0 44	12 9	1 27	16 32	5 3	10 26	10 58	18 12	17 14	5 11
S 17	1 0	14 34	0n53	8 57	2 4	15 14	1 1	25 27	2 43	20 50	0 15	20 52	1 43	7 48	0 44	12 10	1 27	16 32	5 3	10 26	10 57	18 15	17 15	5 11
M18	0 36	20 6	2 9	8 22	2 6	14 57	0 57	25 24	2 42	20 48	0 15	20 52	1 42	7 46	0 44	12 10	1 27	16 33	5 3	10 27	10 56	18 18	17 15	5 11
T 19	0 12	24 21	3 17	7 47	2 8	14 40	0 53	25 21	2 41	20 47	0 15	20 53	1 42	7 45	0 44	12 11	1 27	16 33	5 3	10 27	10 54	18 20	17 16	5 10
W20	0n12	27 3	4 11	7 11	2 10	14 23	0 49	25 18	2 40	20 45	0 15	20 53	1 42	7 44	0 45	12 12	1 27	16 34	5 3	10 28	10 53	18 23	17 16	5 10
T 21	0 35	27 59	4 49	6 34	2 11	14 5	0 45	25 15	2 39	20 44	0 15	20 54	1 42	7 43	0 45	12 12	1 27	16 34	5 3	10 28	10 52	18 26	17 17	5 10
F 22	0 59	27 10	5 10	5 56	2 12	13 47	0 40	25 12	2 38	20 42	0 15	20 54	1 41	7 41	0 45	12 13	1 27	16 34	5 3	10 27	10 51	18 28	17 17	5 10
S 23	1 23	24 48	5 14	5 17	2 12	13 29	0 36	25 8	2 37	20 41	0 15	20 55	1 41	7 40	0 45	12 14	1 27	16 35	5 3	10 27	10 50	18 31	17 18	5 9
S 24	1 47	21 9	5 1	4 37	2 12	13 10	0 32	25 5	2 36	20 39	0 15	20 56	1 41	7 39	0 45	12 14	1 27	16 35	5 3	10 26	10 49	18 34	17 18	5 9
M25	2 10	16 32	4 32	3 56	2 12	12 50	0 28	25 1	2 35	20 38	0 15	20 56	1 41	7 38	0 45	12 15	1 27	16 35	5 3	10 24	10 48	18 36	17 19	5 9
T 26	2 34	11 17	3 51	3 14	2 11	12 31	0 24	24 57	2 34	20 37	0 15	20 57	1 40	7 36	0 45	12 16	1 27	16 36	5 3	10 23	10 47	18 39	17 19	5 9
W27	2 58	5 40	2 59	2 32	2 10	12 10	0 20	24 53	2 33	20 35	0 15	20 57	1 40	7 35	0 45	12 16	1 27	16 36	5 3	10 22	10 45	18 42	17 19	5 8
T 28	3 21	0s 6	2 0	1 49	2 8	11 50	0 17	24 50	2 32	20 34	0 15	20 58	1 40	7 34	0 45	12 17	1 27	16 37	5 3	10 21	10 44	18 44	17 20	5 8
F 29	3 45	5 47	0 55	1 4	2 6	11 29	0 13	24 46	2 31	20 32	0 15	20 59	1 40	7 33	0 45	12 18	1 27	16 37	5 3	10 21	10 43	18 47	17 20	5 8
S 30	4 8	11 12	0s11	0 19	2 3	11 8	0 9	24 41	2 30	20 31	0 15	20 59	1 39	7 32	0 45	12 18	1 27	16 37	5 3	10 21	10 42	18 50	17 21	5 8
S 31	4n31	16s10	1s16	0n26	2s 0	10s47	0n 5	24n37	2n29	20s30	0n15	21n 0	1s39	7s30	0s45	12n19	1s27	16n37	5n 3	10n21	10n41	18s52	17n21	5s 8

Julian Day Number = 3065212.5, Delta T = 02h33m36s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'45, Lahiri = 47°24'45

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

APRIL 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 43 48	12♈32'24	22♏44	7♈37	2♓40	17♋24	26♑16	17♊36	12♓32	6♉54	28°R29	27♈ 7	27♈59	18♏29	15♊38	M 1
T 2	12 47 45	13°32'27	4♐32	9°28	3°51	17°50	26°23	17°41	12°35	6°56	28♌29	27° 8	27°56	18°36	15°40	T 2
W 3	12 51 42	14°32'30	16°22	11°21	5° 3	18°17	26°30	17°45	12°38	6°58	28°28	27°10	27°53	18°43	15°43	W 3
T 4	12 55 38	15°32'30	28°20	13°14	6°14	18°43	26°37	17°50	12°41	7° 0	28°27	27°11	27°50	18°49	15°46	T 4
F 5	12 59 35	16°32'30	10♑30	15° 8	7°26	19°10	26°44	17°55	12°44	7° 2	28°26	27°11	27°46	18°56	15°48	F 5
S 6	13 3 31	17°32'27	22°55	17° 4	8°37	19°37	26°51	18° 0	12°48	7° 4	28°25	27°R11	27°43	19° 3	15°51	S 6
S 7	13 7 28	18°32'24	5♒41	19° 0	9°49	20° 5	26°57	18° 5	12°51	7° 6	28°24	27°11	27°40	19° 9	15°54	S 7
M 8	13 11 24	19°32'18	18°51	20°57	11° 1	20°32	27° 4	18°10	12°54	7° 9	28°23	27°10	27°37	19°16	15°57	M 8
T 9	13 15 21	20°32'11	2♓27	22°55	12°12	21° 0	27°10	18°15	12°57	7°11	28°23	27° 9	27°34	19°23	16° 0	T 9
W10	13 19 17	21°32'02	16°31	24°54	13°24	21°28	27°16	18°21	12°59	7°13	28°22	27° 8	27°30	19°29	16° 3	W10
T 11	13 23 14	22°31'52	0♈58	26°53	14°36	21°56	27°22	18°26	13° 2	7°15	28°21	27° 8	27°27	19°36	16° 6	T 11
F 12	13 27 11	23°31'40	15°46	28°53	15°48	22°24	27°28	18°32	13° 5	7°17	28°21	27° 8	27°24	19°43	16° 9	F 12
S 13	13 31 7	24°31'26	0♉47	0♉53	17° 0	22°52	27°34	18°37	13° 8	7°20	28°20	27°D 8	27°21	19°49	16°13	S 13
S 14	13 35 4	25°31'10	15°52	2°52	18°12	23°21	27°39	18°43	13°11	7°22	28°19	27° 8	27°18	19°56	16°16	S 14
M15	13 39 0	26°30'52	0♊53	4°52	19°24	23°50	27°44	18°48	13°14	7°24	28°19	27° 8	27°15	20° 3	16°19	M15
T 16	13 42 57	27°30'33	15°42	6°51	20°36	24°19	27°50	18°54	13°16	7°26	28°18	27°R 8	27°11	20° 9	16°22	T 16
W17	13 46 53	28°30'11	0♋12	8°50	21°48	24°48	27°55	19° 0	13°19	7°29	28°17	27° 8	27° 8	20°16	16°26	W17
T 18	13 50 50	29°29'47	14°20	10°47	23° 0	25°17	27°59	19° 6	13°22	7°31	28°17	27° 8	27° 5	20°23	16°29	T 18
F 19	13 54 46	0♉29'20	28° 4	12°42	24°13	25°46	28° 4	19°11	13°25	7°33	28°16	27°D 8	27° 2	20°29	16°33	F 19
S 20	13 58 43	1°28'51	11♌25	14°36	25°25	26°16	28° 9	19°17	13°27	7°35	28°16	27° 8	26°59	20°36	16°36	S 20
S 21	14 2 40	2°28'20	24°26	16°27	26°37	26°45	28°13	19°23	13°30	7°38	28°15	27° 8	26°56	20°43	16°40	S 21
M22	14 6 36	3°27'47	7♍ 7	18°16	27°49	27°15	28°17	19°29	13°32	7°40	28°15	27° 8	26°52	20°49	16°43	M22
T 23	14 10 33	4°27'12	19°34	20° 1	29° 2	27°45	28°21	19°36	13°35	7°42	28°14	27° 9	26°49	20°56	16°47	T 23
W24	14 14 29	5°26'34	1♎48	21°43	0♈14	28°15	28°25	19°42	13°37	7°45	28°14	27°10	26°46	21° 3	16°51	W24
T 25	14 18 26	6°25'55	13°52	23°21	1°26	28°45	28°28	19°48	13°40	7°47	28°14	27°11	26°43	21° 9	16°54	T 25
F 26	14 22 22	7°25'13	25°49	24°54	2°39	29°16	28°32	19°54	13°42	7°49	28°13	27°R11	26°40	21°16	16°58	F 26
S 27	14 26 19	8°24'29	7♏42	26°23	3°51	29°46	28°35	20° 1	13°45	7°51	28°13	27°11	26°36	21°23	17° 2	S 27
S 28	14 30 15	9°23'43	19°31	27°47	5° 3	0♌17	28°38	20° 7	13°47	7°54	28°13	27°10	26°33	21°29	17° 6	S 28
M29	14 34 12	10°22'56	1♐20	29° 5	6°16	0°47	28°41	20°14	13°49	7°56	28°12	27° 8	26°30	21°36	17°10	M29
T 30	14 38 9	11♉22'07	13♐10	0♊18	7♈28	1♌18	28♑44	20♊20	13♓51	7♉58	28♌12	27♈ 6	26♈27	21♏43	17♊13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n55	20s30	2s17	1n13	1s56	10s25	0n 1	24n33	2n28	20s28	0n15	21n 1	1s39	7s29	0s45	12n20	1s27	16n38	5n 3	10n21	10n40	18s55	17n22	5s 7
T 2	5 18	24 1	3 13	2 0	1 52	10 3	0s 2	24 28	2 27	20 27	0 15	21 1	1 39	7 28	0 45	12 20	1 27	16 38	5 3	10 22	10 39	18 57	17 22	5 7
W 3	5 41	26 31	4 1	2 48	1 48	9 40	0 6	24 24	2 26	20 26	0 14	21 2	1 39	7 27	0 45	12 21	1 27	16 38	5 3	10 22	10 38	19 0	17 23	5 7
T 4	6 4	27 51	4 38	3 36	1 43	9 18	0 10	24 19	2 25	20 24	0 14	21 2	1 38	7 26	0 45	12 22	1 27	16 39	5 3	10 23	10 36	19 3	17 23	5 7
F 5	6 27	27 52	5 4	4 25	1 37	8 55	0 13	24 15	2 24	20 23	0 14	21 3	1 38	7 25	0 45	12 23	1 27	16 39	5 3	10 23	10 35	19 5	17 24	5 6
S 6	6 50	26 30	5 16	5 15	1 31	8 31	0 17	24 10	2 23	20 22	0 14	21 4	1 38	7 23	0 45	12 23	1 27	16 39	5 3	10 23	10 34	19 8	17 24	5 6
S 7	7 12	23 45	5 14	6 5	1 24	8 8	0 20	24 5	2 22	20 21	0 14	21 4	1 38	7 22	0 45	12 24	1 27	16 39	5 3	10 23	10 33	19 11	17 25	5 6
M 8	7 35	19 43	4 55	6 55	1 17	7 44	0 24	24 0	2 21	20 20	0 14	21 5	1 38	7 21	0 45	12 25	1 27	16 40	5 3	10 22	10 32	19 13	17 25	5 6
T 9	7 57	14 32	4 19	7 46	1 9	7 20	0 27	23 55	2 20	20 18	0 14	21 6	1 37	7 20	0 45	12 25	1 27	16 40	5 3	10 22	10 31	19 16	17 26	5 6
W10	8 19	8 28	3 27	8 37	1 1	6 56	0 30	23 49	2 19	20 17	0 14	21 6	1 37	7 19	0 45	12 26	1 27	16 40	5 3	10 22	10 30	19 18	17 26	5 5
T 11	8 41	1 46	2 20	9 28	0 52	6 32	0 33	23 44	2 18	20 16	0 14	21 7	1 37	7 18	0 45	12 27	1 26	16 40	5 3	10 22	10 29	19 21	17 27	5 5
F 12	9 3	5n11	1 3	10 19	0 43	6 7	0 37	23 38	2 17	20 15	0 14	21 8	1 37	7 17	0 45	12 28	1 26	16 41	5 3	10 22	10 27	19 24	17 27	5 5
S 13	9 25	11 58	0n20	11 9	0 33	5 42	0 40	23 33	2 16	20 14	0 14	21 8	1 37	7 16	0 45	12 28	1 26	16 41	5 3	10 22	10 26	19 26	17 28	5 5
S 14	9 47	18 5	1 42	12 0	0 23	5 17	0 43	23 27	2 15	20 13	0 14	21 9	1 36	7 15	0 45	12 29	1 26	16 41	5 3	10 22	10 25	19 29	17 28	5 5
M15	10 8	23 2	2 57	12 50	0 12	4 52	0 46	23 21	2 14	20 12	0 14	21 10	1 36	7 14	0 45	12 30	1 26	16 41	5 2	10 22	10 24	19 31	17 29	5 4
T 16	10 30	26 25	3 59	13 39	0 2	4 26	0 49	23 15	2 14	20 11	0 14	21 10	1 36	7 13	0 45	12 30	1 26	16 41	5 2	10 22	10 23	19 34	17 29	5 4
W17	10 51	27 57	4 43	14 28	0n10	4 1	0 51	23 9	2 13	20 10	0 14	21 11	1 36	7 12	0 45	12 31	1 26	16 41	5 2	10 22	10 22	19 36	17 30	5 4
T 18	11 12	27 36	5 10	15 16	0 21	3 35	0 54	23 3	2 12	20 9	0 14	21 12	1 36	7 11	0 45	12 32	1 26	16 42	5 2	10 22	10 21	19 39	17 30	5 4
F 19	11 33	25 33	5 18	16 2	0 33	3 9	0 57	22 57	2 11	20 9	0 14	21 12	1 35	7 10	0 45	12 33	1 26	16 42	5 2	10 21	10 19	19 42	17 31	5 4
S 20	11 53	22 8	5 8	16 47	0 44	2 43	1 0	22 50	2 10	20 8	0 14	21 13	1 35	7 9	0 45	12 33	1 26	16 42	5 2	10 22	10 18	19 44	17 31	5 4
S 21	12 13	17 42	4 43	17 30	0 56	2 17	1 2	22 44	2 9	20 7	0 13	21 14	1 35	7 8	0 45	12 34	1 26	16 42	5 2	10 22	10 17	19 47	17 32	5 3
M22	12 34	12 36	4 4	18 12	1 8	1 51	1 5	22 37	2 8	20 6	0 13	21 14	1 35	7 7	0 45	12 35	1 26	16 42	5 2	10 22	10 16	19 49	17 32	5 3
T 23	12 53	7 4	3 14	18 52	1 19	1 25	1 7	22 30	2 7	20 5	0 13	21 15	1 35	7 6	0 45	12 35	1 26	16 42	5 2	10 22	10 15	19 52	17 33	5 3
W24	13 13	1 23	2 16	19 29	1 30	0 58	1 9	22 23	2 6	20 5	0 13	21 16	1 34	7 5	0 45	12 36	1 26	16 42	5 2	10 22	10 14	19 54	17 33	5 3
T 25	13 33	4s18	1 13	20 5	1 41	0 32	1 12	22 16	2 6	20 4	0 13	21 16	1 34	7 4	0 45	12 37	1 26	16 42	5 2	10 23	10 13	19 57	17 34	5 3
F 26	13 52	9 46	0 8	20 38	1 52	0 5	1 14	22 9	2 5	20 3	0 13	21 17	1 34	7 3	0 45	12 38	1 26	16 42	5 2	10 23	10 12	19 59	17 34	5 3
S 27	14 11	14 52	0s58	21 9	2 2	0n21	1 16	22 2	2 4	20 3	0 13	21 17	1 34	7 2	0 45	12 38	1 26	16 42	5 2	10 23	10 10	20 2	17 35	5 3
S 28	14 30	19 24	2 1	21 37	2 11	0 48	1 18	21 55	2 3	20 2	0 13	21 18	1 34	7 1	0 45	12 39	1 26	16 43	5 2	10 22	10 9	20 4	17 35	5 2
M29	14 48	23 9	2 58	22 3	2 20	1 14	1 20	21 47	2 2	20 2	0 13	21 19	1 34	7 1	0 45	12 40	1 26	16 43	5 2	10 22	10 8	20 7	17 36	5 2
T 30	15n 6	25s57	3s48	22n26	2n28	1n41	1s22	21n40	2n 1	20s 1	0n13	21n19	1s33	7s 0	0s45	12n41	1s26	16n43	5n 2	10n21	10n 7	20s 9	17n36	5s 2

Julian Day Number = 3065243.5, Delta T = 02h33m37s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'49, Lahiri = 47°24'50

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

MAY 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 42 5	12♉21'16	25♐ 4	1♊24	8♈41	1♌49	28♑47	20♊27	13♓54	8♉ 0	28°R12	27°R 4	26♈24	21♏49	17♊17	W 1
T 2	14 46 2	13°20'23	7♑ 6	2°25	9°53	2°20	28°49	20°33	13°56	8° 3	28♌12	27♈ 2	26°21	21°56	17°21	T 2
F 3	14 49 58	14°19'28	19°17	3°20	11° 6	2°51	28°51	20°40	13°58	8° 5	28°11	27° 0	26°17	22° 2	17°25	F 3
S 4	14 53 55	15°18'32	1♒42	4° 8	12°18	3°23	28°53	20°47	14° 0	8° 7	28°11	26°58	26°14	22° 9	17°29	S 4
S 5	14 57 51	16°17'34	14°24	4°50	13°31	3°54	28°55	20°54	14° 2	8° 9	28°11	26°D58	26°11	22°16	17°33	S 5
M 6	15 1 48	17°16'34	27°27	5°25	14°44	4°25	28°57	21° 0	14° 4	8°12	28°11	26°58	26° 8	22°22	17°37	M 6
T 7	15 5 44	18°15'33	10♓55	5°54	15°56	4°57	28°58	21° 7	14° 6	8°14	28°11	26°59	26° 5	22°29	17°42	T 7
W 8	15 9 41	19°14'30	24°48	6°16	17° 9	5°29	28°59	21°14	14° 8	8°16	28°11	27° 0	26° 2	22°36	17°46	W 8
T 9	15 13 38	20°13'25	9♈ 8	6°32	18°22	6° 0	29° 0	21°21	14°10	8°18	28°D11	27° 2	25°58	22°42	17°50	T 9
F 10	15 17 34	21°12'19	23°51	6°41	19°34	6°32	29° 1	21°28	14°12	8°21	28°11	27°R 2	25°55	22°49	17°54	F 10
S 11	15 21 31	22°11'10	8♉53	6°R44	20°47	7° 4	29° 2	21°35	14°14	8°23	28°11	27° 2	25°52	22°56	17°58	S 11
S 12	15 25 27	23°10'00	24° 5	6°41	22° 0	7°36	29° 3	21°42	14°15	8°25	28°11	27° 0	25°49	23° 2	18° 3	S 12
M13	15 29 24	24° 8'49	9♊19	6°32	23°12	8° 8	29° 3	21°49	14°17	8°27	28°11	26°57	25°46	23° 9	18° 7	M13
T 14	15 33 20	25° 7'35	24°23	6°18	24°25	8°41	29°R 3	21°56	14°19	8°30	28°11	26°54	25°42	23°16	18°11	T 14
W15	15 37 17	26° 6'19	9♋10	5°58	25°38	9°13	29° 3	22° 4	14°20	8°32	28°11	26°50	25°39	23°22	18°15	W15
T 16	15 41 13	27° 5'02	23°32	5°33	26°51	9°45	29° 3	22°11	14°22	8°34	28°12	26°46	25°36	23°29	18°20	T 16
F 17	15 45 10	28° 3'42	7♌27	5° 5	28° 3	10°18	29° 2	22°18	14°24	8°36	28°12	26°43	25°33	23°36	18°24	F 17
S 18	15 49 7	29° 2'20	20°53	4°32	29°16	10°50	29° 2	22°25	14°25	8°38	28°12	26°41	25°30	23°42	18°29	S 18
S 19	15 53 3	0♊ 0'55	3♍54	3°57	0♉29	11°23	29° 1	22°33	14°27	8°40	28°12	26°D41	25°27	23°49	18°33	S 19
M20	15 57 0	0°59'29	16°31	3°19	1°42	11°56	29° 0	22°40	14°28	8°43	28°12	26°42	25°23	23°56	18°37	M20
T 21	16 0 56	1°58'00	28°51	2°40	2°55	12°28	28°59	22°47	14°29	8°45	28°13	26°44	25°20	24° 2	18°42	T 21
W22	16 4 53	2°56'29	10♎57	2° 0	4° 7	13° 1	28°57	22°55	14°31	8°47	28°13	26°45	25°17	24° 9	18°46	W22
T 23	16 8 49	3°54'57	22°53	1°20	5°20	13°34	28°56	23° 2	14°32	8°49	28°13	26°R46	25°14	24°16	18°51	T 23
F 24	16 12 46	4°53'22	4♏43	0°40	6°33	14° 7	28°54	23°10	14°33	8°51	28°14	26°46	25°11	24°22	18°55	F 24
S 25	16 16 42	5°51'46	16°31	0° 2	7°46	14°40	28°52	23°17	14°34	8°53	28°14	26°44	25° 7	24°29	19° 0	S 25
S 26	16 20 39	6°50'07	28°20	29♉26	8°59	15°14	28°50	23°24	14°35	8°55	28°15	26°40	25° 4	24°36	19° 4	S 26
M27	16 24 36	7°48'28	10♐11	28°52	10°12	15°47	28°48	23°32	14°37	8°57	28°15	26°34	25° 1	24°42	19° 9	M27
T 28	16 28 32	8°46'46	22° 6	28°21	11°24	16°20	28°45	23°39	14°38	8°59	28°16	26°27	24°58	24°49	19°13	T 28
W29	16 32 29	9°45'03	4♑ 8	27°54	12°37	16°53	28°43	23°47	14°39	9° 1	28°16	26°19	24°55	24°56	19°18	W29
T 30	16 36 25	10°43'18	16°18	27°31	13°50	17°27	28°40	23°55	14°39	9° 3	28°17	26°11	24°52	25° 2	19°22	T 30
F 31	16 40 22	11♊41'31	28♑37	27♉12	15♉ 3	18♌ 0	28♑37	24♊ 2	14♓40	9♉ 5	28♌17	26♈ 4	24♈48	25♏ 9	19♊27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n24	27s36	4s28	22n47	2n35	2n 8	1s24	21n32	2n 0	20s 1	0n13	21n20	1s33	6s59	0s46	12n41	1s26	16n43	5n 2	10n20	10n 6	20s12	17n37	5s 2	W 1
T 2	15 42	27 59	4 57	23 5	2 41	2 34	1 25	21 24	2 0	20 0	0 13	21 21	1 33	6 58	0 46	12 42	1 26	16 43	5 2	10 19	10 5	20 14	17 37	5 2	T 2
F 3	16 0	27 1	5 13	23 21	2 46	3 1	1 27	21 16	1 59	20 0	0 13	21 21	1 33	6 57	0 46	12 43	1 26	16 43	5 1	10 19	10 4	20 17	17 38	5 2	F 3
S 4	16 17	24 43	5 15	23 34	2 50	3 28	1 29	21 8	1 58	20 0	0 13	21 22	1 33	6 57	0 46	12 43	1 26	16 43	5 1	10 18	10 2	20 19	17 38	5 2	S 4
S 5	16 34	21 10	5 1	23 44	2 52	3 54	1 30	21 0	1 57	19 59	0 13	21 22	1 33	6 56	0 46	12 44	1 26	16 43	5 1	10 18	10 1	20 22	17 39	5 2	S 5
M 6	16 50	16 31	4 32	23 52	2 54	4 21	1 32	20 52	1 56	19 59	0 12	21 23	1 33	6 55	0 46	12 45	1 27	16 43	5 1	10 18	10 0	20 24	17 39	5 1	M 6
T 7	17 7	10 55	3 48	23 58	2 54	4 47	1 33	20 44	1 56	19 59	0 12	21 24	1 32	6 54	0 46	12 46	1 27	16 43	5 1	10 18	9 59	20 27	17 40	5 1	T 7
W 8	17 23	4 38	2 49	24 1	2 53	5 14	1 34	20 35	1 55	19 59	0 12	21 24	1 32	6 54	0 46	12 46	1 27	16 43	5 1	10 19	9 58	20 29	17 40	5 1	W 8
T 9	17 39	2n 6	1 37	24 1	2 51	5 40	1 35	20 27	1 54	19 58	0 12	21 25	1 32	6 53	0 46	12 47	1 27	16 42	5 1	10 19	9 57	20 32	17 40	5 1	T 9
F 10	17 54	8 54	0 18	23 59	2 47	6 6	1 36	20 18	1 53	19 58	0 12	21 25	1 32	6 52	0 46	12 48	1 27	16 42	5 1	10 20	9 56	20 34	17 41	5 1	F 10
S 11	18 9	15 21	1n 5	23 55	2 42	6 32	1 37	20 9	1 52	19 58	0 12	21 26	1 32	6 52	0 46	12 48	1 27	16 42	5 1	10 19	9 54	20 37	17 41	5 1	S 11
S 12	18 24	20 56	2 23	23 48	2 36	6 58	1 38	20 0	1 52	19 58	0 12	21 27	1 32	6 51	0 46	12 49	1 27	16 42	5 1	10 19	9 53	20 39	17 42	5 1	S 12
M13	18 38	25 8	3 32	23 38	2 28	7 24	1 39	19 51	1 51	19 58	0 12	21 27	1 32	6 50	0 46	12 50	1 27	16 42	5 1	10 18	9 52	20 41	17 42	5 1	M13
T 14	18 53	27 31	4 25	23 27	2 19	7 50	1 40	19 42	1 50	19 58	0 12	21 28	1 31	6 50	0 46	12 50	1 27	16 42	5 1	10 17	9 51	20 44	17 43	5 1	T 14
W15	19 6	27 53	4 59	23 13	2 8	8 15	1 41	19 33	1 49	19 58	0 12	21 28	1 31	6 49	0 46	12 51	1 27	16 42	5 1	10 15	9 50	20 46	17 43	5 1	W15
T 16	19 20	26 20	5 13	22 57	1 56	8 41	1 41	19 23	1 48	19 59	0 12	21 29	1 31	6 49	0 46	12 52	1 27	16 42	5 1	10 14	9 49	20 49	17 43	5 1	T 16
F 17	19 33	23 12	5 8	22 39	1 43	9 6	1 42	19 14	1 48	19 59	0 12	21 29	1 31	6 48	0 46	12 52	1 27	16 42	5 1	10 13	9 48	20 51	17 44	5 1	F 17
S 18	19 46	18 55	4 46	22 19	1 29	9 31	1 42	19 4	1 47	19 59	0 12	21 30	1 31	6 47	0 46	12 53	1 27	16 42	5 1	10 12	9 46	20 54	17 44	5 1	S 18
S 19	19 58	13 52	4 10	21 57	1 14	9 56	1 43	18 55	1 46	19 59	0 11	21 30	1 31	6 47	0 46	12 54	1 27	16 41	5 0	10 12	9 45	20 56	17 45	5 1	S 19
M20	20 10	8 23	3 22	21 35	0 58	10 21	1 43	18 45	1 45	19 59	0 11	21 31	1 31	6 46	0 46	12 54	1 27	16 41	5 0	10 12	9 44	20 58	17 45	5 1	M20
T 21	20 22	2 42	2 27	21 11	0 41	10 45	1 43	18 35	1 45	20 0	0 11	21 31	1 31	6 46	0 46	12 55	1 27	16 41	5 0	10 13	9 43	21 1	17 45	5 1	T 21
W22	20 34	2s59	1 25	20 46	0 24	11 10	1 43	18 25	1 44	20 0	0 11	21 32	1 30	6 45	0 46	12 56	1 27	16 41	5 0	10 14	9 42	21 3	17 46	5 1	W22
T 23	20 45	8 29	0 21	20 21	0 6	11 34	1 43	18 15	1 43	20 0	0 11	21 32	1 30	6 45	0 46	12 56	1 27	16 41	5 0	10 14	9 41	21 6	17 46	5 1	T 23
F 24	20 55	13 40	0s43	19 56	0s11	11 57	1 43	18 5	1 42	20 1	0 11	21 33	1 30	6 45	0 46	12 57	1 27	16 41	5 0	10 14	9 39	21 8	17 46	5 1	F 24
S 25	21 6	18 19	1 45	19 31	0 29	12 21	1 43	17 54	1 42	20 1	0 11	21 33	1 30	6 44	0 46	12 58	1 27	16 40	5 0	10 13	9 38	21 10	17 47	5 1	S 25
S 26	21 15	22 16	2 43	19 6	0 46	12 44	1 43	17 44	1 41	20 2	0 11	21 34	1 30	6 44	0 46	12 58	1 27	16 40	5 0	10 12	9 37	21 13	17 47	5 1	S 26
M27	21 25	25 18	3 34	18 42	1 3	13 7	1 43	17 33	1 40	20 2	0 11	21 34	1 30	6 43	0 47	12 59	1 27	16 40	5 0	10 10	9 36	21 15	17 48	5 1	M27
T 28	21 34	27 14	4 15	18 19	1 19	13 30	1 42	17 23	1 39	20 3	0 11	21 35	1 30	6 43	0 47	12 59	1 27	16 40	5 0	10 7	9 35	21 18	17 48	5 1	T 28
W29	21 43	27 55	4 46	17 58	1 35	13 52	1 42	17 12	1 39	20 4	0 11	21 35	1 30	6 43	0 47	13 0	1 27	16 40	5 0	10 4	9 34	21 20	17 48	5 1	W29
T 30	21 51	27 16	5 4	17 38	1 50	14 14	1 41	17 1	1 38	20 4	0 11	21 36	1 30	6 42	0 47	13 1	1 27	16 39	5 0	10 1	9 33	21 22	17 49	5 1	T 30
F 31	21n59	25s17	5s 8	17n20	2s 5	14n36	1s41	16n50	1n37	20s 5	0n10	21n36	1s30	6s42	0s47	13n 1	1s27	16n39	5n 0	9n59	9n31	21s25	17n49	5s 1	F 31

Julian Day Number = 3065273.5, Delta T = 02h33m38s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'53, Lahiri = 47°24'54

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

JUNE 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 44 18	12♊39'44	11♒ 8	26°R57	16♉16	18♌34	28°R34	24♊10	14♓41	9♉ 7	28♌18	25°R58	24♈45	25♏16	19♊32	S 1
S 2	16 48 15	13°37'54	23°53	26♉47	17°29	19° 7	28♑31	24°17	14°42	9° 9	28°18	25♈54	24°42	25°22	19°36	S 2
M 3	16 52 12	14°36'04	6♓54	26°41	18°42	19°41	28°27	24°25	14°43	9°11	28°19	25°52	24°39	25°29	19°41	M 3
T 4	16 56 8	15°34'12	20°15	26°D40	19°55	20°15	28°23	24°33	14°43	9°13	28°20	25°D52	24°36	25°36	19°45	T 4
W 5	17 0 5	16°32'18	3♈58	26°44	21° 8	20°48	28°19	24°40	14°44	9°15	28°20	25°53	24°33	25°42	19°50	W 5
T 6	17 4 1	17°30'24	18° 4	26°52	22°21	21°22	28°15	24°48	14°45	9°17	28°21	25°54	24°29	25°49	19°54	T 6
F 7	17 7 58	18°28'28	2♉33	27° 5	23°34	21°56	28°11	24°55	14°45	9°19	28°22	25°R54	24°26	25°56	19°59	F 7
S 8	17 11 54	19°26'31	17°22	27°23	24°47	22°30	28° 7	25° 3	14°46	9°21	28°22	25°52	24°23	26° 2	20° 4	S 8
S 9	17 15 51	20°24'32	2♊25	27°45	26° 0	23° 4	28° 2	25°11	14°46	9°23	28°23	25°48	24°20	26° 9	20° 8	S 9
M10	17 19 47	21°22'33	17°34	28°11	27°13	23°38	27°58	25°19	14°46	9°24	28°24	25°42	24°17	26°16	20°13	M10
T 11	17 23 44	22°20'32	2♋39	28°41	28°26	24°12	27°53	25°26	14°47	9°26	28°25	25°34	24°14	26°22	20°17	T 11
W12	17 27 41	23°18'29	17°30	29°16	29°39	24°47	27°48	25°34	14°47	9°28	28°26	25°25	24°10	26°29	20°22	W12
T 13	17 31 37	24°16'25	1♌59	29°54	0♊52	25°21	27°43	25°42	14°47	9°30	28°27	25°16	24° 7	26°36	20°27	T 13
F 14	17 35 34	25°14'19	16° 2	0♊36	2° 5	25°55	27°37	25°49	14°48	9°31	28°27	25° 9	24° 4	26°42	20°31	F 14
S 15	17 39 30	26°12'12	29°35	1°22	3°18	26°29	27°32	25°57	14°48	9°33	28°28	25° 4	24° 1	26°49	20°36	S 15
S 16	17 43 27	27°10'03	12♍40	2°12	4°31	27° 4	27°26	26° 5	14°48	9°35	28°29	25° 1	23°58	26°56	20°41	S 16
M17	17 47 23	28° 7'52	25°19	3° 4	5°44	27°38	27°21	26°12	14°R48	9°36	28°30	25°D 0	23°54	27° 2	20°45	M17
T 18	17 51 20	29° 5'40	7♎39	4° 0	6°57	28°13	27°15	26°20	14°48	9°38	28°31	25° 0	23°51	27° 9	20°50	T 18
W19	17 55 16	0♋ 3'26	19°42	5° 0	8°10	28°47	27° 9	26°28	14°48	9°40	28°32	25°R 0	23°48	27°16	20°54	W19
T 20	17 59 13	1° 1'10	1♏36	6° 2	9°23	29°22	27° 3	26°35	14°48	9°41	28°33	25° 0	23°45	27°22	20°59	T 20
F 21	18 3 10	1°58'53	13°25	7° 8	10°36	29°56	26°57	26°43	14°47	9°43	28°34	24°59	23°42	27°29	21° 3	F 21
S 22	18 7 6	2°56'35	25°12	8°17	11°49	0♍31	26°50	26°51	14°47	9°44	28°35	24°55	23°39	27°36	21° 8	S 22
S 23	18 11 3	3°54'16	7♐ 3	9°28	13° 2	1° 6	26°44	26°58	14°47	9°46	28°36	24°48	23°35	27°42	21°12	S 23
M24	18 14 59	4°51'55	18°59	10°43	14°15	1°41	26°38	27° 6	14°47	9°47	28°38	24°39	23°32	27°49	21°17	M24
T 25	18 18 56	5°49'33	1♑ 2	12° 0	15°28	2°15	26°31	27°14	14°46	9°49	28°39	24°28	23°29	27°56	21°22	T 25
W26	18 22 52	6°47'10	13°15	13°20	16°41	2°50	26°24	27°21	14°46	9°50	28°40	24°15	23°26	28° 2	21°26	W26
T 27	18 26 49	7°44'46	25°38	14°43	17°54	3°25	26°17	27°29	14°46	9°52	28°41	24° 3	23°23	28° 9	21°31	T 27
F 28	18 30 46	8°42'21	8♒11	16° 8	19° 7	4° 0	26°10	27°37	14°45	9°53	28°42	23°51	23°20	28°16	21°35	F 28
S 29	18 34 42	9°39'55	20°56	17°36	20°20	4°35	26° 3	27°44	14°44	9°54	28°43	23°42	23°16	28°22	21°39	S 29
S 30	18 38 39	10♋37'28	3♓52	19♊ 7	21♊34	5♍10	25♑56	27♊52	14♓44	9♉56	28♌45	23♈34	23♈13	28♏29	21♊44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 7	22s 3	4s58	17n 4	2s18	14n57	1s40	16n39	1n36	20s 6	0n10	21n37	1s29	6s42	0s47	13n 2	1s27	16n39	5n 0	9n57	9n30	21s27	17n49	5s 1
S 2	22 14	17 44	4 33	16 49	2 30	15 18	1 40	16 28	1 36	20 6	0 10	21 37	1 29	6 42	0 47	13 2	1 27	16 38	5 0	9 55	9 29	21 29	17 49	5 1
M 3	22 21	12 30	3 53	16 37	2 42	15 39	1 39	16 17	1 35	20 7	0 10	21 37	1 29	6 41	0 47	13 3	1 27	16 38	5 0	9 54	9 28	21 32	17 50	5 1
T 4	22 27	6 35	3 0	16 27	2 52	15 59	1 38	16 6	1 34	20 8	0 10	21 38	1 29	6 41	0 47	13 4	1 27	16 38	4 59	9 54	9 27	21 34	17 50	5 1
W 5	22 33	0 12	1 55	16 18	3 2	16 19	1 37	15 55	1 34	20 9	0 10	21 38	1 29	6 41	0 47	13 4	1 27	16 38	4 59	9 55	9 26	21 36	17 50	5 1
T 6	22 39	6n23	0 42	16 12	3 10	16 38	1 36	15 43	1 33	20 10	0 10	21 38	1 29	6 41	0 47	13 5	1 27	16 37	4 59	9 55	9 25	21 39	17 51	5 1
F 7	22 44	12 49	0n36	16 8	3 17	16 58	1 35	15 32	1 32	20 11	0 10	21 39	1 29	6 41	0 47	13 5	1 27	16 37	4 59	9 55	9 23	21 41	17 51	5 1
S 8	22 49	18 40	1 53	16 5	3 24	17 16	1 34	15 20	1 31	20 12	0 10	21 39	1 29	6 40	0 47	13 6	1 27	16 37	4 59	9 54	9 22	21 43	17 51	5 1
S 9	22 53	23 27	3 3	16 5	3 29	17 34	1 33	15 8	1 31	20 13	0 10	21 40	1 29	6 40	0 47	13 6	1 27	16 36	4 59	9 53	9 21	21 46	17 51	5 1
M10	22 57	26 39	4 1	16 6	3 34	17 52	1 32	14 56	1 30	20 14	0 9	21 40	1 29	6 40	0 47	13 7	1 27	16 36	4 59	9 51	9 20	21 48	17 52	5 1
T 11	23 0	27 53	4 41	16 9	3 37	18 10	1 30	14 44	1 29	20 15	0 9	21 40	1 29	6 40	0 47	13 7	1 27	16 36	4 59	9 48	9 19	21 50	17 52	5 1
W12	23 3	27 5	5 2	16 14	3 40	18 27	1 29	14 32	1 29	20 16	0 9	21 41	1 29	6 40	0 47	13 8	1 27	16 35	4 59	9 45	9 18	21 52	17 52	5 1
T 13	23 6	24 28	5 3	16 21	3 41	18 43	1 28	14 20	1 28	20 17	0 9	21 41	1 29	6 40	0 47	13 8	1 27	16 35	4 59	9 41	9 16	21 55	17 52	5 1
F 14	23 8	20 26	4 45	16 28	3 42	18 59	1 26	14 8	1 27	20 18	0 9	21 41	1 28	6 40	0 47	13 9	1 27	16 35	4 59	9 39	9 15	21 57	17 53	5 2
S 15	23 10	15 27	4 12	16 37	3 42	19 14	1 25	13 56	1 27	20 19	0 9	21 41	1 28	6 40	0 47	13 9	1 28	16 34	4 59	9 37	9 14	21 59	17 53	5 2
S 16	23 12	9 56	3 26	16 48	3 41	19 29	1 23	13 44	1 26	20 20	0 9	21 42	1 28	6 40	0 47	13 10	1 28	16 34	4 59	9 36	9 13	22 2	17 53	5 2
M17	23 13	4 10	2 32	16 59	3 40	19 44	1 22	13 31	1 25	20 22	0 9	21 42	1 28	6 40	0 47	13 10	1 28	16 34	4 59	9 35	9 12	22 4	17 53	5 2
T 18	23 13	1s36	1 31	17 12	3 37	19 58	1 20	13 19	1 25	20 23	0 9	21 42	1 28	6 40	0 47	13 11	1 28	16 33	4 59	9 36	9 11	22 6	17 53	5 2
W19	23 14	7 12	0 28	17 25	3 35	20 11	1 18	13 6	1 24	20 24	0 9	21 43	1 28	6 40	0 47	13 11	1 28	16 33	4 59	9 36	9 9	22 8	17 54	5 2
T 20	23 13	12 29	0s35	17 40	3 31	20 24	1 16	12 54	1 23	20 25	0 8	21 43	1 28	6 40	0 48	13 12	1 28	16 32	4 59	9 36	9 8	22 11	17 54	5 2
F 21	23 13	17 16	1 36	17 55	3 26	20 36	1 15	12 41	1 23	20 27	0 8	21 43	1 28	6 40	0 48	13 12	1 28	16 32	4 59	9 35	9 7	22 13	17 54	5 2
S 22	23 12	21 23	2 33	18 10	3 22	20 48	1 13	12 28	1 22	20 28	0 8	21 43	1 28	6 40	0 48	13 13	1 28	16 32	4 59	9 34	9 6	22 15	17 54	5 2
S 23	23 10	24 38	3 24	18 27	3 16	20 59	1 11	12 15	1 21	20 29	0 8	21 44	1 28	6 40	0 48	13 13	1 28	16 31	4 59	9 31	9 5	22 17	17 54	5 3
M24	23 8	26 51	4 6	18 43	3 10	21 10	1 9	12 2	1 20	20 31	0 8	21 44	1 28	6 41	0 48	13 14	1 28	16 31	4 58	9 28	9 4	22 20	17 54	5 3
T 25	23 6	27 50	4 37	19 0	3 3	21 20	1 7	11 49	1 20	20 32	0 8	21 44	1 28	6 41	0 48	13 14	1 28	16 30	4 58	9 24	9 2	22 22	17 54	5 3
W26	23 3	27 29	4 56	19 17	2 56	21 29	1 5	11 36	1 19	20 33	0 8	21 44	1 28	6 41	0 48	13 14	1 28	16 30	4 58	9 19	9 1	22 24	17 55	5 3
T 27	23 0	25 45	5 1	19 34	2 48	21 38	1 3	11 23	1 19	20 35	0 8	21 44	1 28	6 41	0 48	13 15	1 28	16 29	4 58	9 15	9 0	22 26	17 55	5 3
F 28	22 57	22 45	4 52	19 52	2 40	21 46	1 1	11 10	1 18	20 36	0 8	21 45	1 28	6 41	0 48	13 15	1 28	16 29	4 58	9 11	8 59	22 28	17 55	5 3
S 29	22 53	18 38	4 28	20 9	2 31	21 54	0 59	10 57	1 17	20 38	0 7	21 45	1 28	6 42	0 48	13 16	1 28	16 29	4 58	9 7	8 58	22 31	17 55	5 4
S 30	22n48	13s35	3s51	20n25	2s22	22n 1	0s56	10n43	1n17	20s39	0n 7	21n45	1s28	6s42	0s48	13n16	1s28	16n28	4n58	9n 4	8n57	22s33	17n55	5s 4

Julian Day Number = 3065304.5, Delta T = 02h33m39s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°17'58, Lahiri = 47°24'58

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

JULY 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 42 35	11♋35'00	17♓ 1	20♊41	22♊47	5♍45	25°R49	27♊59	14°R43	9♉57	28♎46	23°R30	23♈10	28♏36	21♊48	M 1
T 2	18 46 32	12°32'32	0♈24	22°17	24° 0	6°20	25♑42	28° 7	14♓43	9°58	28°47	23♈28	23° 7	28°42	21°53	T 2
W 3	18 50 28	13°30'03	14° 4	23°56	25°13	6°55	25°35	28°14	14°42	10° 0	28°48	23°D28	23° 4	28°49	21°57	W 3
T 4	18 54 25	14°27'33	28° 0	25°37	26°26	7°31	25°27	28°22	14°41	10° 1	28°50	23°R28	23° 0	28°56	22° 2	T 4
F 5	18 58 21	15°25'03	12♉15	27°21	27°39	8° 6	25°20	28°29	14°40	10° 2	28°51	23°27	22°57	29° 2	22° 6	F 5
S 6	19 2 18	16°22'33	26°46	29° 8	28°53	8°41	25°13	28°37	14°39	10° 3	28°52	23°24	22°54	29° 9	22°10	S 6
S 7	19 6 15	17°20'01	11♊29	0♋57	0♋ 6	9°16	25° 5	28°44	14°38	10° 4	28°54	23°19	22°51	29°16	22°15	S 7
M 8	19 10 11	18°17'30	26°19	2°49	1°19	9°52	24°57	28°52	14°38	10° 5	28°55	23°11	22°48	29°22	22°19	M 8
T 9	19 14 8	19°14'58	11♋ 9	4°43	2°32	10°27	24°50	28°59	14°37	10° 7	28°56	23° 0	22°45	29°29	22°23	T 9
W10	19 18 4	20°12'25	25°49	6°40	3°46	11° 3	24°42	29° 7	14°35	10° 8	28°58	22°49	22°41	29°36	22°27	W10
T 11	19 22 1	21° 9'51	10♌12	8°39	4°59	11°38	24°35	29°14	14°34	10° 9	28°59	22°38	22°38	29°42	22°32	T 11
F 12	19 25 57	22° 7'16	24°12	10°40	6°12	12°14	24°27	29°21	14°33	10°10	29° 0	22°28	22°35	29°49	22°36	F 12
S 13	19 29 54	23° 4'41	7♍45	12°43	7°25	12°49	24°19	29°29	14°32	10°11	29° 2	22°20	22°32	29°56	22°40	S 13
S 14	19 33 50	24° 2'05	20°52	14°48	8°39	13°25	24°12	29°36	14°31	10°12	29° 3	22°15	22°29	0♐ 2	22°44	S 14
M15	19 37 47	24°59'28	3♎34	16°54	9°52	14° 0	24° 4	29°43	14°30	10°12	29° 5	22°13	22°26	0° 9	22°48	M15
T 16	19 41 44	25°56'50	15°55	19° 2	11° 5	14°36	23°56	29°50	14°28	10°13	29° 6	22°12	22°22	0°16	22°52	T 16
W17	19 45 40	26°54'11	28° 0	21°12	12°19	15°12	23°49	29°57	14°27	10°14	29° 8	22°12	22°19	0°23	22°56	W17
T 18	19 49 37	27°51'32	9♏55	23°22	13°32	15°48	23°41	0♋ 5	14°26	10°15	29° 9	22°12	22°16	0°29	23° 0	T 18
F 19	19 53 33	28°48'52	21°44	25°33	14°45	16°23	23°33	0°12	14°24	10°16	29°11	22°10	22°13	0°36	23° 4	F 19
S 20	19 57 30	29°46'11	3♐34	27°45	15°59	16°59	23°26	0°19	14°23	10°16	29°12	22° 6	22°10	0°43	23° 8	S 20
S 21	20 1 26	0♌43'30	15°28	29°56	17°12	17°35	23°18	0°26	14°21	10°17	29°14	22° 0	22° 6	0°49	23°12	S 21
M22	20 5 23	1°40'48	27°29	2♌ 8	18°25	18°11	23°11	0°33	14°20	10°18	29°15	21°51	22° 3	0°56	23°16	M22
T 23	20 9 20	2°38'06	9♑42	4°19	19°39	18°47	23° 3	0°40	14°18	10°19	29°17	21°39	22° 0	1° 3	23°20	T 23
W24	20 13 16	3°35'23	22° 7	6°29	20°52	19°23	22°56	0°47	14°17	10°19	29°19	21°27	21°57	1° 9	23°24	W24
T 25	20 17 13	4°32'40	4♒45	8°39	22° 6	19°59	22°48	0°53	14°15	10°20	29°20	21°14	21°54	1°16	23°28	T 25
F 26	20 21 9	5°29'56	17°37	10°47	23°19	20°35	22°41	1° 0	14°13	10°20	29°22	21° 3	21°51	1°23	23°31	F 26
S 27	20 25 6	6°27'13	0♓40	12°54	24°33	21°11	22°34	1° 7	14°12	10°21	29°23	20°53	21°47	1°29	23°35	S 27
S 28	20 29 2	7°24'29	13°56	15° 0	25°46	21°47	22°26	1°14	14°10	10°21	29°25	20°46	21°44	1°36	23°39	S 28
M29	20 32 59	8°21'46	27°22	17° 4	26°59	22°23	22°19	1°21	14° 8	10°22	29°27	20°41	21°41	1°43	23°42	M29
T 30	20 36 55	9°19'02	10♈58	19° 7	28°13	22°59	22°12	1°27	14° 6	10°22	29°28	20°40	21°38	1°49	23°46	T 30
W31	20 40 52	10♌16'19	24♈45	21♌ 8	29♋26	23♍36	22♑ 5	1♋34	14♓ 4	10♉23	29♌30	20°D39	21♈35	1♐56	23♊50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n44	7s51	3s 0	20n42	2s13	22n 8	0s54	10n30	1n16	20s40	0n 7	21n45	1s28	6s42	0s48	13n16	1s28	16n28	4n58	9n 3	8n55	22s35	17n55	5s 4
T 2	22 38	1 40	1 59	20 58	2 3	22 13	0 52	10 16	1 15	20 42	0 7	21 45	1 28	6 42	0 48	13 17	1 28	16 27	4 58	9 2	8 54	22 37	17 55	5 4
W 3	22 33	4n44	0 50	21 13	1 53	22 19	0 50	10 3	1 15	20 43	0 7	21 45	1 28	6 43	0 48	13 17	1 28	16 27	4 58	9 2	8 53	22 39	17 55	5 4
T 4	22 27	11 3	0n24	21 27	1 42	22 23	0 48	9 49	1 14	20 45	0 7	21 45	1 28	6 43	0 48	13 17	1 28	16 26	4 58	9 2	8 52	22 42	17 55	5 4
F 5	22 21	16 56	1 38	21 41	1 31	22 27	0 45	9 36	1 13	20 46	0 7	21 45	1 28	6 43	0 48	13 18	1 28	16 26	4 58	9 2	8 51	22 44	17 55	5 5
S 6	22 14	21 57	2 46	21 53	1 20	22 30	0 43	9 22	1 13	20 48	0 7	21 46	1 28	6 44	0 48	13 18	1 28	16 25	4 58	9 1	8 50	22 46	17 55	5 5
S 7	22 7	25 40	3 45	22 4	1 9	22 33	0 40	9 8	1 12	20 49	0 6	21 46	1 28	6 44	0 48	13 18	1 28	16 25	4 58	8 59	8 48	22 48	17 55	5 5
M 8	21 59	27 39	4 29	22 14	0 58	22 35	0 38	8 54	1 11	20 51	0 6	21 46	1 27	6 45	0 48	13 19	1 29	16 24	4 58	8 56	8 47	22 50	17 55	5 5
T 9	21 51	27 39	4 54	22 22	0 47	22 36	0 36	8 40	1 11	20 52	0 6	21 46	1 27	6 45	0 48	13 19	1 29	16 24	4 58	8 52	8 46	22 52	17 55	5 6
W10	21 43	25 42	5 0	22 29	0 35	22 37	0 33	8 27	1 10	20 54	0 6	21 46	1 27	6 45	0 48	13 19	1 29	16 23	4 58	8 48	8 45	22 54	17 55	5 6
T 11	21 35	22 8	4 47	22 33	0 24	22 37	0 31	8 13	1 9	20 55	0 6	21 46	1 27	6 46	0 48	13 19	1 29	16 23	4 58	8 44	8 44	22 57	17 55	5 6
F 12	21 26	17 22	4 16	22 36	0 12	22 37	0 28	7 59	1 9	20 57	0 6	21 46	1 27	6 46	0 48	13 20	1 29	16 22	4 58	8 40	8 43	22 59	17 55	5 6
S 13	21 16	11 52	3 32	22 36	0 1	22 35	0 26	7 44	1 8	20 58	0 6	21 46	1 27	6 47	0 48	13 20	1 29	16 22	4 58	8 37	8 41	23 1	17 55	5 6
S 14	21 7	6 1	2 38	22 34	0n10	22 33	0 24	7 30	1 8	20 59	0 6	21 46	1 27	6 47	0 48	13 20	1 29	16 21	4 58	8 35	8 40	23 3	17 55	5 7
M15	20 57	0 5	1 37	22 30	0 20	22 31	0 21	7 16	1 7	21 1	0 5	21 46	1 27	6 48	0 48	13 20	1 29	16 21	4 58	8 34	8 39	23 5	17 55	5 7
T 16	20 46	5s42	0 33	22 23	0 31	22 28	0 19	7 2	1 6	21 2	0 5	21 46	1 27	6 48	0 48	13 21	1 29	16 20	4 58	8 34	8 38	23 7	17 55	5 7
W17	20 35	11 9	0s31	22 14	0 40	22 24	0 16	6 48	1 6	21 4	0 5	21 46	1 27	6 49	0 49	13 21	1 29	16 20	4 58	8 34	8 37	23 9	17 55	5 7
T 18	20 24	16 7	1 32	22 2	0 50	22 19	0 14	6 33	1 5	21 5	0 5	21 46	1 27	6 50	0 49	13 21	1 29	16 19	4 58	8 34	8 36	23 11	17 55	5 8
F 19	20 13	20 27	2 30	21 48	0 59	22 14	0 11	6 19	1 4	21 7	0 5	21 46	1 27	6 50	0 49	13 21	1 29	16 19	4 58	8 33	8 34	23 13	17 55	5 8
S 20	20 1	23 57	3 20	21 31	1 7	22 8	0 9	6 5	1 4	21 8	0 5	21 46	1 27	6 51	0 49	13 21	1 29	16 18	4 58	8 32	8 33	23 15	17 55	5 8
S 21	19 49	26 27	4 2	21 12	1 14	22 2	0 6	5 50	1 3	21 9	0 5	21 46	1 27	6 51	0 49	13 22	1 29	16 18	4 58	8 30	8 32	23 18	17 55	5 9
M22	19 36	27 46	4 34	20 50	1 21	21 55	0 4	5 36	1 3	21 11	0 5	21 46	1 27	6 52	0 49	13 22	1 29	16 17	4 58	8 26	8 31	23 20	17 55	5 9
T 23	19 24	27 46	4 54	20 26	1 27	21 47	0 1	5 21	1 2	21 12	0 4	21 46	1 27	6 53	0 49	13 22	1 29	16 17	4 58	8 22	8 30	23 22	17 55	5 9
W24	19 11	26 22	5 1	19 59	1 33	21 39	0n 1	5 7	1 1	21 14	0 4	21 46	1 27	6 53	0 49	13 22	1 29	16 16	4 58	8 17	8 29	23 24	17 55	5 9
T 25	18 57	23 38	4 52	19 30	1 37	21 30	0 4	4 52	1 1	21 15	0 4	21 46	1 27	6 54	0 49	13 22	1 29	16 15	4 58	8 13	8 27	23 26	17 55	5 10
F 26	18 44	19 42	4 29	19 0	1 41	21 20	0 6	4 37	1 0	21 16	0 4	21 46	1 27	6 54	0 49	13 22	1 29	16 15	4 58	8 8	8 26	23 28	17 54	5 10
S 27	18 30	14 45	3 52	18 28	1 44	21 10	0 9	4 23	0 59	21 18	0 4	21 46	1 28	6 55	0 49	13 22	1 30	16 14	4 58	8 5	8 25	23 30	17 54	5 10
S 28	18 15	9 4	3 2	17 54	1 47	20 59	0 11	4 8	0 59	21 19	0 4	21 46	1 28	6 56	0 49	13 22	1 30	16 14	4 58	8 2	8 24	23 32	17 54	5 11
M29	18 1	2 53	2 0	17 18	1 48	20 48	0 14	3 53	0 58	21 20	0 4	21 46	1 28	6 57	0 49	13 23	1 30	16 13	4 58	8 1	8 23	23 34	17 54	5 11
T 30	17 46	3n31	0 51	16 41	1 49	20 36	0 16	3 39	0 58	21 21	0 4	21 45	1 28	6 57	0 49	13 23	1 30	16 13	4 58	8 0	8 22	23 36	17 54	5 11
W31	17n31	9n50	0n22	16n 3	1n49	20n23	0n18	3n24	0n57	21s23	0n 3	21n45	1s28	6s58	0s49	13n23	1s30	16n12	4n58	8n 0	8n20	23s38	17n54	5s12

Julian Day Number = 3065334.5, Delta T = 02h33m40s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'02, Lahiri = 47°25'02

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

AUGUST 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 44 49	11♌13'36	8♉42	23♌ 7	0♌40	24♍12	21°R58	1♋40	14°R 3	10♉23	29♌31	20°R40	21♈32	2♐ 3	23♊53	T 1
F 2	20 48 45	12°10'53	22°49	25° 4	1°54	24°48	21♏51	1°47	14♓ 1	10°23	29°33	20♈39	21°28	2° 9	23°57	F 2
S 3	20 52 42	13° 8'11	7♊ 5	26°59	3° 7	25°25	21°45	1°53	13°59	10°24	29°35	20°37	21°25	2°16	24° 0	S 3
S 4	20 56 38	14° 5'29	21°29	28°52	4°21	26° 1	21°38	2° 0	13°57	10°24	29°36	20°33	21°22	2°23	24° 4	S 4
M 5	21 0 35	15° 2'47	5♋55	0♍43	5°34	26°37	21°32	2° 6	13°55	10°24	29°38	20°26	21°19	2°29	24° 7	M 5
T 6	21 4 31	16° 0'06	20°20	2°33	6°48	27°14	21°25	2°12	13°53	10°24	29°40	20°17	21°16	2°36	24°10	T 6
W 7	21 8 28	16°57'24	4♌37	4°20	8° 2	27°50	21°19	2°19	13°51	10°24	29°41	20° 7	21°12	2°43	24°13	W 7
T 8	21 12 24	17°54'43	18°41	6° 6	9°15	28°27	21°13	2°25	13°49	10°25	29°43	19°58	21° 9	2°49	24°17	T 8
F 9	21 16 21	18°52'03	2♍26	7°49	10°29	29° 3	21° 7	2°31	13°47	10°25	29°45	19°49	21° 6	2°56	24°20	F 9
S 10	21 20 18	19°49'22	15°50	9°31	11°43	29°40	21° 1	2°37	13°45	10°25	29°47	19°42	21° 3	3° 3	24°23	S 10
S 11	21 24 14	20°46'41	28°51	11°11	12°56	0♎17	20°55	2°43	13°42	10°R25	29°48	19°38	21° 0	3° 9	24°26	S 11
M12	21 28 11	21°44'01	11♎31	12°48	14°10	0°53	20°49	2°49	13°40	10°25	29°50	19°36	20°57	3°16	24°29	M12
T 13	21 32 7	22°41'20	23°52	14°24	15°24	1°30	20°44	2°55	13°38	10°25	29°52	19°D36	20°53	3°23	24°32	T 13
W14	21 36 4	23°38'40	5♏58	15°58	16°38	2° 7	20°38	3° 1	13°36	10°25	29°53	19°37	20°50	3°29	24°35	W14
T 15	21 40 0	24°36'00	17°54	17°30	17°51	2°44	20°33	3° 6	13°34	10°25	29°55	19°38	20°47	3°36	24°38	T 15
F 16	21 43 57	25°33'20	29°45	19° 0	19° 5	3°20	20°28	3°12	13°31	10°24	29°57	19°R38	20°44	3°43	24°41	F 16
S 17	21 47 53	26°30'40	11♐36	20°28	20°19	3°57	20°23	3°18	13°29	10°24	29°59	19°36	20°41	3°50	24°44	S 17
S 18	21 51 50	27°28'00	23°32	21°54	21°33	4°34	20°18	3°23	13°27	10°24	0♍ 0	19°33	20°37	3°56	24°46	S 18
M19	21 55 47	28°25'21	5♑38	23°18	22°47	5°11	20°13	3°29	13°25	10°24	0° 2	19°28	20°34	4° 3	24°49	M19
T 20	21 59 43	29°22'42	17°57	24°40	24° 0	5°48	20° 9	3°34	13°22	10°24	0° 4	19°21	20°31	4°10	24°52	T 20
W21	22 3 40	0♍20'04	0♒32	26° 0	25°14	6°25	20° 4	3°40	13°20	10°23	0° 5	19°12	20°28	4°16	24°54	W21
T 22	22 7 36	1°17'25	13°24	27°17	26°28	7° 2	20° 0	3°45	13°18	10°23	0° 7	19° 4	20°25	4°23	24°57	T 22
F 23	22 11 33	2°14'48	26°33	28°33	27°42	7°39	19°56	3°50	13°15	10°23	0° 9	18°56	20°22	4°30	24°59	F 23
S 24	22 15 29	3°12'11	9♓58	29°46	28°56	8°16	19°52	3°55	13°13	10°22	0°11	18°50	20°18	4°36	25° 2	S 24
S 25	22 19 26	4° 9'34	23°37	0♎57	0♍10	8°53	19°49	4° 0	13°11	10°22	0°12	18°46	20°15	4°43	25° 4	S 25
M26	22 23 22	5° 6'58	7♈27	2° 6	1°24	9°30	19°45	4° 5	13° 8	10°21	0°14	18°43	20°12	4°50	25° 6	M26
T 27	22 27 19	6° 4'24	21°25	3°12	2°38	10° 8	19°42	4°10	13° 6	10°21	0°16	18°D43	20° 9	4°56	25° 9	T 27
W28	22 31 16	7° 1'50	5♉30	4°15	3°52	10°45	19°39	4°15	13° 4	10°20	0°17	18°43	20° 6	5° 3	25°11	W28
T 29	22 35 12	7°59'17	19°39	5°16	5° 6	11°22	19°36	4°20	13° 1	10°20	0°19	18°45	20° 3	5°10	25°13	T 29
F 30	22 39 9	8°56'46	3♊50	6°15	6°20	11°59	19°33	4°25	12°59	10°19	0°21	18°R46	19°59	5°16	25°15	F 30
S 31	22 43 5	9♍54'15	18♊ 1	7♎10	7♍34	12♎37	19♏30	4♋29	12♓56	10♉19	0♍23	18♈46	19♈56	5♐23	25♊17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n15	15n46	1n34	15n24	1n48	20n10	0n21	3n 9	0n56	21s24	0n 3	21n45	1s28	6s59	0s49	13n23	1s30	16n12	4n58	8n 0	8n19	23s40	17n54	5s12
F 2	16 59	20 55	2 42	14 44	1 47	19 56	0 23	2 54	0 56	21 25	0 3	21 45	1 28	6 59	0 49	13 23	1 30	16 11	4 58	8 0	8 18	23 42	17 53	5 12
S 3	16 43	24 55	3 40	14 3	1 45	19 42	0 25	2 39	0 55	21 26	0 3	21 45	1 28	7 0	0 49	13 23	1 30	16 10	4 58	7 59	8 17	23 44	17 53	5 13
S 4	16 27	27 22	4 25	13 22	1 42	19 27	0 28	2 24	0 55	21 27	0 3	21 45	1 28	7 1	0 49	13 23	1 30	16 10	4 58	7 57	8 16	23 46	17 53	5 13
M 5	16 11	27 59	4 54	12 40	1 39	19 12	0 30	2 10	0 54	21 29	0 3	21 45	1 28	7 2	0 49	13 23	1 30	16 9	4 58	7 55	8 14	23 48	17 53	5 13
T 6	15 54	26 42	5 3	11 58	1 35	18 56	0 32	1 55	0 53	21 30	0 3	21 45	1 28	7 3	0 49	13 23	1 30	16 9	4 58	7 52	8 13	23 50	17 53	5 14
W 7	15 37	23 41	4 54	11 15	1 31	18 39	0 34	1 40	0 53	21 31	0 2	21 45	1 28	7 3	0 49	13 23	1 30	16 8	4 58	7 48	8 12	23 52	17 52	5 14
T 8	15 20	19 19	4 26	10 32	1 26	18 22	0 37	1 25	0 52	21 32	0 2	21 44	1 28	7 4	0 49	13 23	1 30	16 8	4 58	7 44	8 11	23 54	17 52	5 14
F 9	15 2	14 0	3 44	9 49	1 21	18 5	0 39	1 10	0 52	21 33	0 2	21 44	1 28	7 5	0 49	13 23	1 30	16 7	4 58	7 41	8 10	23 56	17 52	5 15
S 10	14 44	8 9	2 50	9 5	1 15	17 47	0 41	0 55	0 51	21 34	0 2	21 44	1 28	7 6	0 49	13 23	1 30	16 7	4 59	7 39	8 9	23 58	17 52	5 15
S 11	14 26	2 7	1 49	8 22	1 8	17 28	0 43	0 40	0 50	21 35	0 2	21 44	1 28	7 7	0 49	13 23	1 30	16 6	4 59	7 37	8 7	24 0	17 52	5 15
M12	14 8	3s51	0 43	7 39	1 1	17 9	0 45	0 25	0 50	21 36	0 2	21 44	1 28	7 7	0 49	13 23	1 30	16 5	4 59	7 36	8 6	24 2	17 51	5 16
T 13	13 50	9 32	0s23	6 55	0 54	16 49	0 47	0 10	0 49	21 37	0 2	21 44	1 28	7 8	0 49	13 23	1 30	16 5	4 59	7 36	8 5	24 4	17 51	5 16
W14	13 31	14 45	1 27	6 12	0 47	16 30	0 49	0s 5	0 49	21 38	0 2	21 43	1 28	7 9	0 49	13 23	1 31	16 4	4 59	7 36	8 4	24 6	17 51	5 16
T 15	13 12	19 21	2 26	5 29	0 39	16 9	0 51	0 20	0 48	21 39	0 1	21 43	1 28	7 10	0 49	13 23	1 31	16 4	4 59	7 37	8 3	24 7	17 50	5 17
F 16	12 53	23 9	3 18	4 47	0 30	15 48	0 53	0 35	0 47	21 40	0 1	21 43	1 28	7 11	0 49	13 22	1 31	16 3	4 59	7 37	8 1	24 9	17 50	5 17
S 17	12 34	25 59	4 2	4 5	0 22	15 27	0 55	0 50	0 47	21 41	0 1	21 43	1 28	7 12	0 49	13 22	1 31	16 3	4 59	7 36	8 0	24 11	17 50	5 18
S 18	12 15	27 40	4 36	3 23	0 13	15 5	0 56	1 6	0 46	21 41	0 1	21 43	1 28	7 13	0 49	13 22	1 31	16 2	4 59	7 35	7 59	24 13	17 50	5 18
M19	11 55	28 4	4 58	2 41	0 3	14 43	0 58	1 21	0 46	21 42	0 1	21 42	1 28	7 14	0 49	13 22	1 31	16 2	4 59	7 33	7 58	24 15	17 49	5 18
T 20	11 35	27 6	5 7	2 0	0s 6	14 21	1 0	1 36	0 45	21 43	0 1	21 42	1 28	7 14	0 49	13 22	1 31	16 1	4 59	7 30	7 57	24 17	17 49	5 19
W21	11 15	24 45	5 1	1 20	0 16	13 58	1 2	1 51	0 44	21 44	0 1	21 42	1 28	7 15	0 49	13 22	1 31	16 0	4 59	7 27	7 56	24 19	17 49	5 19
T 22	10 55	21 7	4 40	0 40	0 26	13 34	1 3	2 6	0 44	21 44	0 1	21 42	1 29	7 16	0 49	13 22	1 31	16 0	4 59	7 24	7 54	24 21	17 48	5 20
F 23	10 35	16 23	4 4	0 1	0 36	13 11	1 5	2 21	0 43	21 45	0 0	21 42	1 29	7 17	0 49	13 22	1 31	15 59	4 59	7 21	7 53	24 23	17 48	5 20
S 24	10 14	10 45	3 14	0s38	0 47	12 47	1 6	2 36	0 43	21 46	0 0	21 41	1 29	7 18	0 49	13 21	1 31	15 59	4 59	7 19	7 52	24 24	17 48	5 20
S 25	9 54	4 32	2 12	1 15	0 58	12 22	1 8	2 51	0 42	21 46	0 0	21 41	1 29	7 19	0 49	13 21	1 31	15 58	4 59	7 17	7 51	24 26	17 47	5 21
M26	9 33	2n 0	1 1	1 52	1 8	11 58	1 9	3 6	0 41	21 47	0 0	21 41	1 29	7 20	0 49	13 21	1 31	15 58	5 0	7 16	7 50	24 28	17 47	5 21
T 27	9 12	8 31	0n15	2 29	1 19	11 33	1 10	3 21	0 41	21 48	0s 0	21 41	1 29	7 21	0 49	13 21	1 31	15 57	5 0	7 16	7 48	24 30	17 47	5 22
W28	8 51	14 39	1 30	3 4	1 30	11 7	1 12	3 36	0 40	21 48	0 0	21 41	1 29	7 22	0 49	13 21	1 31	15 57	5 0	7 16	7 47	24 32	17 46	5 22
T 29	8 30	20 3	2 40	3 38	1 41	10 42	1 13	3 51	0 40	21 49	0 0	21 40	1 29	7 23	0 49	13 20	1 31	15 56	5 0	7 17	7 46	24 34	17 46	5 23
F 30	8 9	24 20	3 40	4 11	1 53	10 16	1 14	4 6	0 39	21 49	0 0	21 40	1 29	7 23	0 49	13 20	1 31	15 56	5 0	7 17	7 45	24 35	17 46	5 23
S 31	7n47	27n 8	4n27	4s43	2s 4	9n49	1n15	4s21	0n39	21s50	0s 1	21n40	1s29	7s24	0s49	13n20	1s31	15n55	5n 0	7n17	7n44	24s37	17n45	5s23

Julian Day Number = 3065365.5, Delta T = 02h33m41s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'06, Lahiri = 47°25'06

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

SEPTEMBER 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 47 2	10♍51'46	2♋10	8♎ 2	8♍48	13♎14	19°R28	4♋34	12°R54	10°R18	0♍24	18°R44	19♈53	5♐30	25♊19	S 1
M 2	22 50 58	11°49'19	16°16	8°51	10° 2	13°52	19♏25	4°38	12♓52	10♉17	0°26	18♈40	19°50	5°36	25°21	M 2
T 3	22 54 55	12°46'52	0♌16	9°37	11°16	14°29	19°23	4°43	12°49	10°17	0°28	18°36	19°47	5°43	25°23	T 3
W 4	22 58 51	13°44'26	14° 6	10°19	12°30	15° 7	19°21	4°47	12°47	10°16	0°29	18°30	19°43	5°50	25°24	W 4
T 5	23 2 48	14°42'02	27°44	10°58	13°44	15°44	19°20	4°51	12°44	10°15	0°31	18°25	19°40	5°57	25°26	T 5
F 6	23 6 45	15°39'38	11♍ 6	11°33	14°58	16°22	19°18	4°56	12°42	10°14	0°33	18°20	19°37	6° 3	25°28	F 6
S 7	23 10 41	16°37'16	24°12	12° 3	16°12	16°59	19°17	5° 0	12°40	10°14	0°34	18°17	19°34	6°10	25°29	S 7
S 8	23 14 38	17°34'54	7♎ 0	12°30	17°26	17°37	19°15	5° 4	12°37	10°13	0°36	18°15	19°31	6°17	25°31	S 8
M 9	23 18 34	18°32'34	19°32	12°52	18°40	18°15	19°14	5° 7	12°35	10°12	0°38	18°D14	19°28	6°23	25°32	M 9
T 10	23 22 31	19°30'14	1♏48	13° 9	19°55	18°53	19°14	5°11	12°32	10°11	0°39	18°15	19°24	6°30	25°34	T 10
W11	23 26 27	20°27'56	13°53	13°21	21° 9	19°30	19°13	5°15	12°30	10°10	0°41	18°17	19°21	6°37	25°35	W11
T 12	23 30 24	21°25'38	25°48	13°28	22°23	20° 8	19°13	5°18	12°28	10° 9	0°43	18°18	19°18	6°43	25°36	T 12
F 13	23 34 20	22°23'22	7♐39	13°R30	23°37	20°46	19°12	5°22	12°25	10° 8	0°44	18°20	19°15	6°50	25°37	F 13
S 14	23 38 17	23°21'07	19°31	13°26	24°51	21°24	19°D12	5°25	12°23	10° 7	0°46	18°R21	19°12	6°57	25°39	S 14
S 15	23 42 13	24°18'52	1♑28	13°16	26° 5	22° 2	19°12	5°29	12°21	10° 6	0°48	18°20	19° 9	7° 3	25°40	S 15
M16	23 46 10	25°16'39	13°34	13° 1	27°20	22°40	19°13	5°32	12°18	10° 5	0°49	18°19	19° 5	7°10	25°41	M16
T 17	23 50 7	26°14'26	25°55	12°40	28°34	23°18	19°13	5°35	12°16	10° 4	0°51	18°17	19° 2	7°17	25°42	T 17
W18	23 54 3	27°12'15	8♒34	12°13	29°48	23°56	19°14	5°38	12°14	10° 3	0°52	18°14	18°59	7°23	25°42	W18
T 19	23 58 0	28°10'04	21°33	11°40	1♎ 2	24°34	19°15	5°41	12°11	10° 2	0°54	18°11	18°56	7°30	25°43	T 19
F 20	0 1 56	29° 7'55	4♓54	11° 2	2°17	25°12	19°16	5°44	12° 9	10° 1	0°55	18° 9	18°53	7°37	25°44	F 20
S 21	0 5 53	0♎ 5'47	18°35	10°19	3°31	25°50	19°17	5°47	12° 7	10° 0	0°57	18° 6	18°49	7°44	25°45	S 21
S 22	0 9 49	1° 3'41	2♈36	9°32	4°45	26°28	19°18	5°49	12° 5	9°58	0°59	18° 5	18°46	7°50	25°45	S 22
M23	0 13 46	2° 1'35	16°51	8°41	5°59	27° 7	19°20	5°52	12° 2	9°57	1° 0	18°D 5	18°43	7°57	25°46	M23
T 24	0 17 42	2°59'32	1♉16	7°47	7°14	27°45	19°22	5°55	12° 0	9°56	1° 2	18° 5	18°40	8° 4	25°46	T 24
W25	0 21 39	3°57'30	15°47	6°51	8°28	28°23	19°24	5°57	11°58	9°55	1° 3	18° 6	18°37	8°10	25°47	W25
T 26	0 25 36	4°55'30	0♊17	5°54	9°42	29° 2	19°26	5°59	11°56	9°53	1° 5	18° 7	18°34	8°17	25°47	T 26
F 27	0 29 32	5°53'31	14°43	4°58	10°57	29°40	19°28	6° 1	11°54	9°52	1° 6	18° 8	18°30	8°24	25°47	F 27
S 28	0 33 29	6°51'35	29° 0	4° 3	12°11	0♏19	19°31	6° 3	11°52	9°51	1° 7	18° 8	18°27	8°30	25°47	S 28
S 29	0 37 25	7°49'40	13♋ 6	3°11	13°25	0°57	19°34	6° 5	11°50	9°49	1° 9	18°R 8	18°24	8°37	25°47	S 29
M30	0 41 22	8♎47'47	27♋ 0	2♎24	14♎40	1♏36	19♏37	6♋ 7	11♓48	9♉48	1♍10	18♈ 8	18♈21	8♐44	25°R48	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n26	28n10	4n58	5s14	2s15	9n23	1n16	4s36	0n38	21s50	0s 1	21n40	1s29	7s25	0s49	13n20	1s31	15n55	5n 0	7n16	7n42	24s39	17n45	5s24
M 2	7 4	27 23	5 10	5 44	2 26	8 56	1 17	4 51	0 37	21 51	0 1	21 39	1 29	7 26	0 49	13 19	1 31	15 54	5 0	7 15	7 41	24 41	17 45	5 24
T 3	6 42	24 52	5 4	6 12	2 37	8 29	1 18	5 6	0 37	21 51	0 1	21 39	1 29	7 27	0 49	13 19	1 32	15 54	5 0	7 14	7 40	24 43	17 44	5 25
W 4	6 20	20 56	4 41	6 38	2 49	8 2	1 19	5 21	0 36	21 52	0 1	21 39	1 29	7 28	0 49	13 19	1 32	15 53	5 0	7 11	7 39	24 45	17 44	5 25
T 5	5 58	15 56	4 1	7 3	2 59	7 35	1 20	5 35	0 36	21 52	0 1	21 39	1 30	7 29	0 49	13 19	1 32	15 53	5 0	7 9	7 38	24 46	17 43	5 26
F 6	5 36	10 15	3 9	7 27	3 10	7 7	1 21	5 50	0 35	21 52	0 1	21 39	1 30	7 30	0 49	13 18	1 32	15 52	5 1	7 8	7 37	24 48	17 43	5 26
S 7	5 14	4 14	2 8	7 48	3 21	6 39	1 22	6 5	0 34	21 53	0 1	21 38	1 30	7 31	0 49	13 18	1 32	15 52	5 1	7 6	7 35	24 50	17 43	5 26
S 8	4 52	1s49	1 1	8 8	3 31	6 11	1 22	6 20	0 34	21 53	0 1	21 38	1 30	7 32	0 49	13 18	1 32	15 51	5 1	7 6	7 34	24 52	17 42	5 27
M 9	4 30	7 41	0s 7	8 26	3 41	5 43	1 23	6 35	0 33	21 53	0 2	21 38	1 30	7 33	0 49	13 17	1 32	15 51	5 1	7 5	7 33	24 53	17 42	5 27
T 10	4 7	13 9	1 14	8 41	3 50	5 14	1 23	6 50	0 33	21 53	0 2	21 38	1 30	7 33	0 49	13 17	1 32	15 50	5 1	7 6	7 32	24 55	17 41	5 28
W11	3 45	18 2	2 16	8 54	3 59	4 46	1 24	7 4	0 32	21 54	0 2	21 37	1 30	7 34	0 49	13 17	1 32	15 50	5 1	7 6	7 31	24 57	17 41	5 28
T 12	3 22	22 8	3 12	9 4	4 7	4 17	1 24	7 19	0 32	21 54	0 2	21 37	1 30	7 35	0 49	13 16	1 32	15 49	5 1	7 7	7 29	24 59	17 41	5 29
F 13	3 0	25 19	3 59	9 12	4 15	3 48	1 24	7 34	0 31	21 54	0 2	21 37	1 30	7 36	0 49	13 16	1 32	15 49	5 1	7 7	7 28	25 0	17 40	5 29
S 14	2 37	27 24	4 36	9 16	4 21	3 20	1 25	7 48	0 30	21 54	0 2	21 37	1 30	7 37	0 49	13 16	1 32	15 48	5 1	7 8	7 27	25 2	17 40	5 30
S 15	2 14	28 14	5 1	9 18	4 27	2 51	1 25	8 3	0 30	21 54	0 2	21 37	1 30	7 38	0 49	13 15	1 32	15 48	5 2	7 8	7 26	25 4	17 39	5 30
M16	1 52	27 44	5 14	9 16	4 32	2 21	1 25	8 17	0 29	21 54	0 2	21 36	1 30	7 39	0 49	13 15	1 32	15 47	5 2	7 7	7 25	25 6	17 39	5 31
T 17	1 29	25 53	5 12	9 11	4 35	1 52	1 25	8 32	0 29	21 54	0 2	21 36	1 31	7 40	0 49	13 15	1 32	15 47	5 2	7 6	7 23	25 7	17 39	5 31
W18	1 6	22 42	4 55	9 3	4 38	1 23	1 25	8 46	0 28	21 54	0 3	21 36	1 31	7 40	0 49	13 14	1 32	15 46	5 2	7 5	7 22	25 9	17 38	5 31
T 19	0 43	18 21	4 23	8 51	4 38	0 54	1 25	9 1	0 27	21 54	0 3	21 36	1 31	7 41	0 49	13 14	1 32	15 46	5 2	7 4	7 21	25 11	17 38	5 32
F 20	0 21	12 59	3 36	8 35	4 37	0 24	1 25	9 15	0 27	21 54	0 3	21 35	1 31	7 42	0 49	13 14	1 32	15 45	5 2	7 3	7 20	25 12	17 37	5 32
S 21	0s 2	6 52	2 36	8 16	4 35	0s 5	1 25	9 29	0 26	21 54	0 3	21 35	1 31	7 43	0 49	13 13	1 32	15 45	5 2	7 2	7 19	25 14	17 37	5 33
S 22	0 25	0 16	1 24	7 54	4 31	0 35	1 25	9 44	0 26	21 54	0 3	21 35	1 31	7 44	0 49	13 13	1 32	15 45	5 2	7 2	7 17	25 16	17 36	5 33
M23	0 48	6n28	0 7	7 28	4 24	1 4	1 24	9 58	0 25	21 54	0 3	21 35	1 31	7 45	0 49	13 12	1 32	15 44	5 3	7 2	7 16	25 17	17 36	5 34
T 24	1 11	12 57	1n12	6 59	4 16	1 33	1 24	10 12	0 25	21 54	0 3	21 35	1 31	7 45	0 49	13 12	1 32	15 44	5 3	7 2	7 15	25 19	17 35	5 34
W25	1 34	18 46	2 27	6 28	4 6	2 3	1 23	10 26	0 24	21 53	0 3	21 34	1 31	7 46	0 49	13 11	1 32	15 43	5 3	7 2	7 14	25 21	17 35	5 35
T 26	1 56	23 30	3 33	5 55	3 54	2 32	1 23	10 40	0 23	21 53	0 3	21 34	1 31	7 47	0 49	13 11	1 32	15 43	5 3	7 2	7 13	25 22	17 34	5 35
F 27	2 19	26 44	4 24	5 20	3 41	3 2	1 22	10 54	0 23	21 53	0 3	21 34	1 31	7 48	0 49	13 11	1 33	15 43	5 3	7 3	7 11	25 24	17 34	5 36
S 28	2 42	28 12	4 59	4 45	3 26	3 31	1 22	11 8	0 22	21 53	0 4	21 34	1 31	7 49	0 49	13 10	1 33	15 42	5 3	7 3	7 10	25 26	17 34	5 36
S 29	3 5	27 49	5 15	4 9	3 9	4 0	1 21	11 22	0 22	21 52	0 4	21 34	1 32	7 49	0 49	13 10	1 33	15 42	5 3	7 3	7 9	25 27	17 33	5 37
M30	3s27	25n41	5n13	3s34	2s51	4s30	1n20	11s36	0n21	21s52	0s 4	21n34	1s32	7s50	0s49	13n 9	1s33	15n41	5n 4	7n 3	7n 8	25s29	17n33	5s37

Julian Day Number = 3065396.5, Delta T = 02h33m42s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'10, Lahiri = 47°25'11

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

OCTOBER 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 45 18	9♎45'57	10♌40	1°R41	15♎54	2♏14	19♑40	6♋ 9	11°R46	9°R47	1♍12	18°R 7	18♈18	8♐50	25°R48	T 1
W 2	0 49 15	10°44'07	24° 7	1♎ 4	17° 8	2°53	19°43	6°11	11♓44	9♉45	1°13	18♈ 6	18°15	8°57	25♊47	W 2
T 3	0 53 11	11°42'20	7♍19	0°35	18°23	3°31	19°46	6°12	11°42	9°44	1°15	18° 5	18°11	9° 4	25°47	T 3
F 4	0 57 8	12°40'34	20°17	0°13	19°37	4°10	19°50	6°14	11°40	9°42	1°16	18° 5	18° 8	9°10	25°47	F 4
S 5	1 1 5	13°38'51	3♎ 2	29♍59	20°52	4°49	19°54	6°15	11°38	9°41	1°17	18° 4	18° 5	9°17	25°47	S 5
S 6	1 5 1	14°37'09	15°34	29°D56	22° 6	5°28	19°58	6°16	11°36	9°39	1°19	18°D 4	18° 2	9°24	25°46	S 6
M 7	1 8 58	15°35'28	27°53	0♎ 0	23°20	6° 6	20° 2	6°17	11°34	9°38	1°20	18° 4	17°59	9°31	25°46	M 7
T 8	1 12 54	16°33'49	10♏ 1	0°14	24°35	6°45	20° 6	6°18	11°32	9°36	1°21	18° 4	17°55	9°37	25°46	T 8
W 9	1 16 51	17°32'12	22° 1	0°37	25°49	7°24	20°10	6°19	11°30	9°35	1°23	18° 4	17°52	9°44	25°45	W 9
T 10	1 20 47	18°30'37	3♐54	1° 9	27° 4	8° 3	20°15	6°20	11°29	9°33	1°24	18°R 4	17°49	9°51	25°44	T 10
F 11	1 24 44	19°29'03	15°45	1°50	28°18	8°42	20°20	6°21	11°27	9°32	1°25	18° 4	17°46	9°57	25°44	F 11
S 12	1 28 40	20°27'31	27°36	2°39	29°33	9°21	20°25	6°21	11°25	9°30	1°26	18° 4	17°43	10° 4	25°43	S 12
S 13	1 32 37	21°26'00	9♑31	3°36	0♏47	10° 0	20°30	6°22	11°23	9°29	1°28	18° 4	17°40	10°11	25°42	S 13
M14	1 36 34	22°24'31	21°36	4°40	2° 1	10°39	20°35	6°22	11°22	9°27	1°29	18°D 4	17°36	10°17	25°41	M14
T 15	1 40 30	23°23'04	3♒54	5°51	3°16	11°19	20°41	6°22	11°20	9°26	1°30	18° 4	17°33	10°24	25°40	T 15
W16	1 44 27	24°21'38	16°30	7° 8	4°30	11°58	20°46	6°23	11°19	9°24	1°31	18° 4	17°30	10°31	25°39	W16
T 17	1 48 23	25°20'13	29°28	8°30	5°45	12°37	20°52	6°R23	11°17	9°22	1°32	18° 5	17°27	10°37	25°38	T 17
F 18	1 52 20	26°18'50	12♓51	9°58	6°59	13°16	20°58	6°23	11°16	9°21	1°33	18° 5	17°24	10°44	25°37	F 18
S 19	1 56 16	27°17'29	26°39	11°29	8°14	13°56	21° 4	6°22	11°14	9°19	1°34	18° 6	17°20	10°51	25°36	S 19
S 20	2 0 13	28°16'09	10♈51	13° 4	9°28	14°35	21°10	6°22	11°13	9°18	1°35	18°R 7	17°17	10°58	25°34	S 20
M21	2 4 9	29°14'51	25°25	14°42	10°42	15°15	21°17	6°22	11°11	9°16	1°36	18° 7	17°14	11° 4	25°33	M21
T 22	2 8 6	0♏13'35	10♉14	16°23	11°57	15°54	21°23	6°21	11°10	9°14	1°38	18° 6	17°11	11°11	25°32	T 22
W23	2 12 2	1°12'21	25°10	18° 6	13°11	16°34	21°30	6°21	11° 9	9°13	1°39	18° 5	17° 8	11°18	25°30	W23
T 24	2 15 59	2°11'09	10♊ 6	19°50	14°26	17°13	21°37	6°20	11° 8	9°11	1°40	18° 3	17° 5	11°24	25°29	T 24
F 25	2 19 56	3°10'00	24°54	21°36	15°40	17°53	21°44	6°19	11° 6	9° 9	1°40	18° 1	17° 1	11°31	25°27	F 25
S 26	2 23 52	4° 8'52	9♋27	23°22	16°55	18°32	21°51	6°18	11° 5	9° 8	1°41	18° 0	16°58	11°38	25°25	S 26
S 27	2 27 49	5° 7'47	23°41	25° 9	18° 9	19°12	21°58	6°17	11° 4	9° 6	1°42	17°59	16°55	11°44	25°24	S 27
M28	2 31 45	6° 6'44	7♌34	26°57	19°24	19°52	22° 6	6°16	11° 3	9° 4	1°43	17°D58	16°52	11°51	25°22	M28
T 29	2 35 42	7° 5'43	21° 6	28°44	20°38	20°32	22°13	6°15	11° 2	9° 3	1°44	17°59	16°49	11°58	25°20	T 29
W30	2 39 38	8° 4'44	4♍17	0♏31	21°53	21°11	22°21	6°13	11° 1	9° 1	1°45	18° 0	16°46	12° 5	25°18	W30
T 31	2 43 35	9♏ 3'47	17♍11	2♏19	23♏ 7	21♏51	22♑29	6♋12	11♓ 0	8♉59	1♍46	18♈ 2	16♈42	12♐11	25♊16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s50	22n 6	4n53	3 s 0	2 s33	4 s59	1n19	11 s49	0n21	21 s52	0 s 4	21n33	1 s32	7 s51	0 s49	13n 9	1 s33	15n41	5n 4	7n 3	7n 7	25 s30	17n32	5 s38
W 2	4 13	17 24	4 16	2 28	2 13	5 28	1 19	12 3	0 20	21 51	0 4	21 33	1 32	7 52	0 49	13 8	1 33	15 41	5 4	7 2	7 5	25 32	17 32	5 38
T 3	4 35	11 57	3 27	1 58	1 54	5 57	1 18	12 17	0 19	21 51	0 4	21 33	1 32	7 52	0 49	13 8	1 33	15 40	5 4	7 2	7 4	25 34	17 31	5 38
F 4	4 58	6 5	2 28	1 32	1 34	6 26	1 17	12 30	0 19	21 51	0 4	21 33	1 32	7 53	0 49	13 7	1 33	15 40	5 4	7 2	7 3	25 35	17 31	5 39
S 5	5 20	0 4	1 22	1 8	1 14	6 54	1 15	12 44	0 18	21 50	0 4	21 33	1 32	7 54	0 49	13 7	1 33	15 40	5 4	7 2	7 2	25 37	17 30	5 39
S 6	5 43	5 s51	0 14	0 49	0 55	7 23	1 14	12 57	0 18	21 50	0 4	21 33	1 32	7 55	0 49	13 6	1 33	15 39	5 4	7 1	7 1	25 38	17 30	5 40
M 7	6 5	11 28	0 s54	0 34	0 36	7 51	1 13	13 10	0 17	21 49	0 4	21 32	1 32	7 55	0 49	13 6	1 33	15 39	5 5	7 2	6 59	25 40	17 29	5 40
T 8	6 27	16 34	1 59	0 23	0 18	8 19	1 12	13 23	0 16	21 49	0 5	21 32	1 32	7 56	0 49	13 5	1 33	15 39	5 5	7 2	6 58	25 41	17 29	5 41
W 9	6 49	20 58	2 57	0 16	0 1	8 48	1 11	13 37	0 16	21 48	0 5	21 32	1 33	7 57	0 49	13 5	1 33	15 38	5 5	7 2	6 57	25 43	17 28	5 41
T 10	7 12	24 28	3 48	0 14	0n15	9 15	1 9	13 50	0 15	21 48	0 5	21 32	1 33	7 57	0 49	13 4	1 33	15 38	5 5	7 2	6 56	25 45	17 28	5 42
F 11	7 34	26 55	4 28	0 16	0 30	9 43	1 8	14 3	0 15	21 47	0 5	21 32	1 33	7 58	0 49	13 4	1 33	15 38	5 5	7 2	6 55	25 46	17 27	5 42
S 12	7 55	28 9	4 57	0 23	0 43	10 11	1 6	14 15	0 14	21 46	0 5	21 32	1 33	7 58	0 49	13 3	1 33	15 38	5 5	7 1	6 53	25 48	17 27	5 43
S 13	8 17	28 6	5 14	0 34	0 56	10 38	1 5	14 28	0 14	21 46	0 5	21 32	1 33	7 59	0 49	13 3	1 33	15 37	5 6	7 1	6 52	25 49	17 26	5 43
M14	8 39	26 43	5 16	0 49	1 7	11 5	1 3	14 41	0 13	21 45	0 5	21 32	1 33	8 0	0 49	13 2	1 33	15 37	5 6	7 1	6 51	25 51	17 26	5 44
T 15	9 0	24 3	5 5	1 7	1 17	11 31	1 2	14 54	0 12	21 44	0 5	21 31	1 33	8 0	0 49	13 2	1 33	15 37	5 6	7 1	6 50	25 52	17 26	5 44
W16	9 22	20 11	4 39	1 30	1 26	11 58	1 0	15 6	0 12	21 43	0 5	21 31	1 33	8 1	0 49	13 1	1 33	15 36	5 6	7 2	6 49	25 54	17 25	5 44
T 17	9 43	15 16	3 58	1 55	1 33	12 24	0 58	15 18	0 11	21 43	0 5	21 31	1 33	8 1	0 49	13 1	1 33	15 36	5 6	7 2	6 47	25 55	17 25	5 45
F 18	10 4	9 30	3 3	2 23	1 39	12 50	0 56	15 31	0 11	21 42	0 5	21 31	1 33	8 2	0 49	13 0	1 33	15 36	5 7	7 2	6 46	25 57	17 24	5 45
S 19	10 25	3 6	1 56	2 54	1 44	13 16	0 55	15 43	0 10	21 41	0 6	21 31	1 33	8 2	0 49	13 0	1 33	15 36	5 7	7 2	6 45	25 58	17 24	5 46
S 20	10 46	3n39	0 40	3 27	1 48	13 41	0 53	15 55	0 10	21 40	0 6	21 31	1 34	8 3	0 49	12 59	1 33	15 36	5 7	7 2	6 44	26 0	17 23	5 46
M21	11 7	10 22	0n40	4 2	1 51	14 6	0 51	16 7	0 9	21 39	0 6	21 31	1 34	8 3	0 49	12 59	1 33	15 35	5 7	7 2	6 43	26 1	17 23	5 47
T 22	11 27	16 39	1 59	4 39	1 53	14 30	0 49	16 19	0 8	21 38	0 6	21 31	1 34	8 4	0 49	12 58	1 33	15 35	5 7	7 2	6 41	26 3	17 22	5 47
W23	11 47	21 59	3 11	5 17	1 54	14 55	0 47	16 31	0 8	21 37	0 6	21 31	1 34	8 4	0 49	12 58	1 33	15 35	5 7	7 2	6 40	26 4	17 22	5 48
T 24	12 8	25 53	4 9	5 56	1 54	15 19	0 45	16 42	0 7	21 36	0 6	21 31	1 34	8 5	0 49	12 57	1 33	15 35	5 8	7 1	6 39	26 6	17 21	5 48
F 25	12 28	27 58	4 51	6 36	1 53	15 42	0 43	16 54	0 7	21 35	0 6	21 31	1 34	8 5	0 49	12 57	1 33	15 35	5 8	7 1	6 38	26 7	17 21	5 48
S 26	12 47	28 5	5 12	7 16	1 51	16 5	0 41	17 5	0 6	21 34	0 6	21 31	1 34	8 6	0 49	12 56	1 33	15 34	5 8	7 0	6 37	26 8	17 20	5 49
S 27	13 7	26 20	5 14	7 57	1 49	16 28	0 38	17 17	0 6	21 33	0 6	21 31	1 34	8 6	0 48	12 56	1 33	15 34	5 8	7 0	6 35	26 10	17 20	5 49
M28	13 26	23 1	4 58	8 38	1 46	16 50	0 36	17 28	0 5	21 32	0 6	21 31	1 34	8 6	0 48	12 55	1 33	15 34	5 8	6 59	6 34	26 11	17 19	5 50
T 29	13 46	18 31	4 25	9 19	1 43	17 12	0 34	17 39	0 4	21 31	0 6	21 31	1 34	8 7	0 48	12 55	1 33	15 34	5 9	7 0	6 33	26 13	17 19	5 50
W30	14 5	13 15	3 38	10 0	1 39	17 34	0 32	17 50	0 4	21 30	0 6	21 31	1 34	8 7	0 48	12 54	1 33	15 34	5 9	7 0	6 32	26 14	17 18	5 50
T 31	14 s23	7n30	2n42	10 s41	1n35	17 s55	0n30	18 s 1	0n 3	21 s29	0 s 7	21n31	1 s34	8 s 7	0 s48	12n54	1 s33	15n34	5n 9	7n 1	6n31	26 s15	17n18	5 s51

Julian Day Number = 3065426.5, Delta T = 02h33m43s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'14, Lahiri = 47°25'15

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

NOVEMBER 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 47 31	10♏ 2'53	29♍50	4♏ 6	24♏22	22♏31	22♑37	6°R10	10°R59	8°R58	1♍47	18♈ 3	16♈39	12♐18	25°R14	F 1
S 2	2 51 28	11° 2'01	12♎16	5°52	25°36	23°11	22°45	6♋ 9	10♓59	8♉56	1°47	18°R 4	16°36	12°25	25♊12	S 2
S 3	2 55 25	12° 1'10	24°31	7°38	26°51	23°51	22°53	6° 7	10°58	8°54	1°48	18° 4	16°33	12°31	25°10	S 3
M 4	2 59 21	13° 0'22	6♏37	9°24	28° 5	24°31	23° 1	6° 5	10°57	8°53	1°49	18° 3	16°30	12°38	25° 8	M 4
T 5	3 3 18	13°59'36	18°37	11° 9	29°20	25°11	23°10	6° 3	10°56	8°51	1°50	18° 0	16°26	12°45	25° 5	T 5
W 6	3 7 14	14°58'52	0♐32	12°53	0♐34	25°52	23°18	6° 1	10°56	8°49	1°50	17°56	16°23	12°51	25° 3	W 6
T 7	3 11 11	15°58'10	12°23	14°37	1°49	26°32	23°27	5°59	10°55	8°48	1°51	17°51	16°20	12°58	25° 1	T 7
F 8	3 15 7	16°57'29	24°13	16°20	3° 3	27°12	23°36	5°57	10°55	8°46	1°52	17°46	16°17	13° 5	24°58	F 8
S 9	3 19 4	17°56'51	6♑ 4	18° 2	4°18	27°52	23°45	5°54	10°54	8°44	1°52	17°41	16°14	13°12	24°56	S 9
S 10	3 23 0	18°56'14	17°59	19°44	5°32	28°33	23°54	5°52	10°54	8°43	1°53	17°36	16°11	13°18	24°53	S 10
M11	3 26 57	19°55'39	0♒ 3	21°25	6°46	29°13	24° 3	5°49	10°53	8°41	1°53	17°33	16° 7	13°25	24°51	M11
T 12	3 30 54	20°55'06	12°18	23° 5	8° 1	29°53	24°13	5°47	10°53	8°40	1°54	17°31	16° 4	13°32	24°48	T 12
W13	3 34 50	21°54'34	24°49	24°45	9°15	0♐34	24°22	5°44	10°53	8°38	1°54	17°D31	16° 1	13°38	24°45	W13
T 14	3 38 47	22°54'04	7♓40	26°24	10°30	1°15	24°32	5°41	10°52	8°36	1°55	17°32	15°58	13°45	24°43	T 14
F 15	3 42 43	23°53'35	20°56	28° 2	11°44	1°55	24°42	5°38	10°52	8°35	1°55	17°33	15°55	13°52	24°40	F 15
S 16	3 46 40	24°53'08	4♈38	29°40	12°59	2°36	24°51	5°35	10°52	8°33	1°56	17°35	15°52	13°58	24°37	S 16
S 17	3 50 36	25°52'43	18°49	1♐17	14°13	3°16	25° 1	5°32	10°52	8°32	1°56	17°R35	15°48	14° 5	24°34	S 17
M18	3 54 33	26°52'20	3♉26	2°54	15°28	3°57	25°11	5°29	10°D52	8°30	1°56	17°34	15°45	14°12	24°32	M18
T 19	3 58 29	27°51'58	18°25	4°30	16°42	4°38	25°21	5°25	10°52	8°28	1°57	17°32	15°42	14°19	24°29	T 19
W20	4 2 26	28°51'38	3♊37	6° 6	17°57	5°19	25°32	5°22	10°52	8°27	1°57	17°27	15°39	14°25	24°26	W20
T 21	4 6 23	29°51'21	18°54	7°41	19°11	5°59	25°42	5°19	10°52	8°25	1°57	17°21	15°36	14°32	24°23	T 21
F 22	4 10 19	0♐51'05	4♋ 3	9°15	20°26	6°40	25°52	5°15	10°52	8°24	1°58	17°14	15°32	14°39	24°20	F 22
S 23	4 14 16	1°50'51	18°56	10°49	21°40	7°21	26° 3	5°11	10°52	8°22	1°58	17° 8	15°29	14°45	24°17	S 23
S 24	4 18 12	2°50'40	3♌25	12°22	22°55	8° 2	26°14	5° 8	10°53	8°21	1°58	17° 3	15°26	14°52	24°14	S 24
M25	4 22 9	3°50'30	17°26	13°55	24° 9	8°43	26°24	5° 4	10°53	8°19	1°58	16°59	15°23	14°59	24°11	M25
T 26	4 26 5	4°50'23	1♍ 0	15°28	25°24	9°25	26°35	5° 0	10°53	8°18	1°59	16°D58	15°20	15° 5	24° 7	T 26
W27	4 30 2	5°50'18	14° 8	17° 0	26°38	10° 6	26°46	4°56	10°54	8°16	1°59	16°58	15°17	15°12	24° 4	W27
T 28	4 33 59	6°50'15	26°54	18°32	27°53	10°47	26°57	4°52	10°54	8°15	1°59	16°59	15°13	15°19	24° 1	T 28
F 29	4 37 55	7°50'13	9♎22	20° 3	29° 7	11°28	27° 8	4°48	10°55	8°14	1°59	17° 1	15°10	15°26	23°58	F 29
S 30	4 41 52	8♐50'14	21♎35	21♐34	0♑22	12♐ 9	27♑19	4♋44	10♓55	8♉12	1♍59	17°R 1	15♈ 7	15♐32	23♊55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s42	1n35	1n39	11s21	1n30	18s15	0n27	18s12	0n 3	21s27	0s 7	21n31	1s34	8s 8	0s48	12n53	1s33	15n34	5n 9	7n 1	6n29	26s17	17n17	5s51
S 2	15 0	4s19	0 32	12 1	1 25	18 35	0 25	18 22	0 2	21 26	0 7	21 31	1 35	8 8	0 48	12 53	1 33	15 34	5 9	7 1	6 28	26 18	17 17	5 52
S 3	15 18	9 58	0s35	12 41	1 20	18 55	0 22	18 33	0 2	21 25	0 7	21 31	1 35	8 8	0 48	12 52	1 33	15 33	5 10	7 1	6 27	26 20	17 17	5 52
M 4	15 36	15 11	1 40	13 19	1 14	19 14	0 20	18 43	0 1	21 24	0 7	21 31	1 35	8 8	0 48	12 51	1 33	15 33	5 10	7 1	6 26	26 21	17 16	5 52
T 5	15 54	19 46	2 40	13 57	1 8	19 32	0 18	18 53	0 0	21 22	0 7	21 31	1 35	8 9	0 48	12 51	1 33	15 33	5 10	7 0	6 25	26 22	17 16	5 53
W 6	16 11	23 32	3 32	14 35	1 2	19 50	0 15	19 3	0s 0	21 21	0 7	21 31	1 35	8 9	0 48	12 50	1 33	15 33	5 10	6 59	6 23	26 24	17 15	5 53
T 7	16 28	26 17	4 15	15 11	0 56	20 8	0 13	19 13	0 1	21 20	0 7	21 31	1 35	8 9	0 48	12 50	1 33	15 33	5 10	6 57	6 22	26 25	17 15	5 53
F 8	16 45	27 52	4 46	15 47	0 50	20 25	0 10	19 23	0 1	21 18	0 7	21 31	1 35	8 9	0 48	12 49	1 33	15 33	5 11	6 55	6 21	26 26	17 14	5 54
S 9	17 2	28 11	5 6	16 22	0 43	20 41	0 8	19 32	0 2	21 17	0 7	21 31	1 35	8 9	0 48	12 49	1 33	15 33	5 11	6 53	6 20	26 28	17 14	5 54
S 10	17 18	27 11	5 12	16 56	0 36	20 57	0 5	19 42	0 2	21 15	0 7	21 31	1 35	8 9	0 48	12 48	1 33	15 33	5 11	6 51	6 18	26 29	17 13	5 54
M11	17 34	24 55	5 5	17 29	0 30	21 12	0 3	19 51	0 3	21 14	0 7	21 31	1 35	8 10	0 48	12 48	1 33	15 33	5 11	6 50	6 17	26 30	17 13	5 55
T 12	17 50	21 30	4 43	18 1	0 23	21 27	0 0	20 0	0 4	21 12	0 7	21 31	1 35	8 10	0 48	12 47	1 33	15 33	5 11	6 49	6 16	26 32	17 13	5 55
W13	18 5	17 2	4 9	18 32	0 16	21 41	0s 2	20 9	0 4	21 11	0 8	21 31	1 35	8 10	0 48	12 47	1 33	15 33	5 12	6 49	6 15	26 33	17 12	5 55
T 14	18 20	11 43	3 20	19 2	0 9	21 54	0 5	20 18	0 5	21 9	0 8	21 31	1 35	8 10	0 48	12 46	1 33	15 33	5 12	6 49	6 14	26 34	17 12	5 56
F 15	18 35	5 43	2 20	19 31	0 2	22 7	0 8	20 27	0 5	21 7	0 8	21 31	1 35	8 10	0 48	12 46	1 33	15 33	5 12	6 50	6 12	26 36	17 11	5 56
S 16	18 49	0n45	1 10	19 59	0s 5	22 19	0 10	20 35	0 6	21 6	0 8	21 31	1 35	8 10	0 48	12 45	1 33	15 33	5 12	6 50	6 11	26 37	17 11	5 56
S 17	19 3	7 25	0n 7	20 26	0 12	22 31	0 13	20 44	0 6	21 4	0 8	21 31	1 35	8 10	0 48	12 45	1 33	15 33	5 12	6 51	6 10	26 38	17 10	5 57
M18	19 17	13 53	1 25	20 51	0 19	22 42	0 15	20 52	0 7	21 2	0 8	21 31	1 35	8 10	0 48	12 44	1 33	15 33	5 13	6 50	6 9	26 39	17 10	5 57
T 19	19 30	19 42	2 39	21 16	0 25	22 52	0 18	21 0	0 8	21 1	0 8	21 32	1 35	8 10	0 48	12 44	1 33	15 33	5 13	6 49	6 8	26 41	17 10	5 57
W20	19 44	24 21	3 43	21 40	0 32	23 1	0 20	21 8	0 8	20 59	0 8	21 32	1 35	8 10	0 48	12 43	1 33	15 33	5 13	6 47	6 6	26 42	17 9	5 58
T 21	19 56	27 17	4 32	22 2	0 39	23 10	0 23	21 15	0 9	20 57	0 8	21 32	1 36	8 10	0 48	12 43	1 33	15 34	5 13	6 45	6 5	26 43	17 9	5 58
F 22	20 9	28 10	5 1	22 23	0 45	23 19	0 26	21 23	0 9	20 55	0 8	21 32	1 36	8 10	0 48	12 42	1 33	15 34	5 13	6 43	6 4	26 44	17 8	5 58
S 23	20 21	27 0	5 8	22 43	0 52	23 26	0 28	21 30	0 10	20 53	0 8	21 32	1 36	8 9	0 47	12 42	1 33	15 34	5 14	6 40	6 3	26 46	17 8	5 58
S 24	20 32	24 1	4 56	23 2	0 58	23 33	0 31	21 37	0 10	20 51	0 8	21 32	1 36	8 9	0 47	12 42	1 33	15 34	5 14	6 38	6 1	26 47	17 8	5 59
M25	20 44	19 42	4 26	23 20	1 5	23 39	0 33	21 44	0 11	20 49	0 8	21 32	1 36	8 9	0 47	12 41	1 33	15 34	5 14	6 37	6 0	26 48	17 7	5 59
T 26	20 55	14 29	3 42	23 37	1 11	23 45	0 36	21 51	0 12	20 47	0 9	21 32	1 36	8 9	0 47	12 41	1 33	15 34	5 14	6 37	5 59	26 49	17 7	5 59
W27	21 5	8 46	2 48	23 53	1 17	23 49	0 38	21 58	0 12	20 45	0 9	21 32	1 36	8 9	0 47	12 40	1 33	15 34	5 15	6 37	5 58	26 50	17 7	5 59
T 28	21 15	2 51	1 46	24 7	1 23	23 53	0 41	22 4	0 13	20 43	0 9	21 33	1 36	8 9	0 47	12 40	1 33	15 34	5 15	6 37	5 57	26 52	17 6	6 0
F 29	21 25	3s 3	0 41	24 20	1 29	23 57	0 43	22 10	0 13	20 41	0 9	21 33	1 36	8 8	0 47	12 39	1 33	15 35	5 15	6 37	5 55	26 53	17 6	6 0
S 30	21s35	8s43	0s25	24s32	1s34	23s59	0s46	22s17	0s14	20s39	0s 9	21n33	1s36	8s 8	0s47	12n39	1s33	15n35	5n15	6n38	5n54	26s54	17n 6	6s 0

Julian Day Number = 3065457.5, Delta T = 02h33m44s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'19, Lahiri = 47°25'19

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ASTRODIENST EPHEMERIS for the year 3680
geocentric

DECEMBER 3680 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 45 48	9♐50'17	3♏39	23♐ 4	1♑36	12♐51	27♑31	4°R40	10♓56	8°R11	1°R59	16°R59	15♈ 4	15♐39	23°R51	S 1
M 2	4 49 45	10°50'22	15°36	24°34	2°51	13°32	27°42	4♋36	10°56	8♉10	1♍59	16♈55	15° 1	15°46	23♊48	M 2
T 3	4 53 41	11°50'29	27°29	26° 4	4° 5	14°14	27°54	4°32	10°57	8° 8	1°59	16°48	14°58	15°52	23°45	T 3
W 4	4 57 38	12°50'38	9♐20	27°33	5°19	14°55	28° 5	4°27	10°58	8° 7	1°59	16°39	14°54	15°59	23°41	W 4
T 5	5 1 34	13°50'48	21°10	29° 2	6°34	15°37	28°17	4°23	10°59	8° 6	1°59	16°29	14°51	16° 6	23°38	T 5
F 6	5 5 31	14°51'00	3♑ 2	0♑30	7°48	16°18	28°29	4°18	11° 0	8° 4	1°59	16°17	14°48	16°13	23°35	F 6
S 7	5 9 28	15°51'14	14°57	1°58	9° 3	17° 0	28°40	4°14	11° 1	8° 3	1°59	16° 5	14°45	16°19	23°31	S 7
S 8	5 13 24	16°51'29	26°57	3°25	10°17	17°42	28°52	4° 9	11° 1	8° 2	1°58	15°54	14°42	16°26	23°28	S 8
M 9	5 17 21	17°51'46	9♒ 3	4°52	11°32	18°23	29° 4	4° 5	11° 3	8° 1	1°58	15°46	14°38	16°33	23°24	M 9
T 10	5 21 17	18°52'04	21°19	6°18	12°46	19° 5	29°16	4° 0	11° 4	7°59	1°58	15°39	14°35	16°39	23°21	T 10
W11	5 25 14	19°52'23	3♓48	7°43	14° 1	19°47	29°28	3°56	11° 5	7°58	1°58	15°36	14°32	16°46	23°18	W11
T 12	5 29 10	20°52'44	16°34	9° 8	15°15	20°29	29°40	3°51	11° 6	7°57	1°57	15°D34	14°29	16°53	23°14	T 12
F 13	5 33 7	21°53'06	29°41	10°32	16°30	21°11	29°53	3°46	11° 7	7°56	1°57	15°35	14°26	16°59	23°11	F 13
S 14	5 37 3	22°53'29	13♈12	11°55	17°44	21°53	0♒ 5	3°41	11° 8	7°55	1°57	15°R35	14°23	17° 6	23° 7	S 14
S 15	5 41 0	23°53'53	27°11	13°17	18°58	22°35	0°17	3°37	11°10	7°54	1°56	15°35	14°19	17°13	23° 4	S 15
M16	5 44 57	24°54'19	11♉37	14°38	20°13	23°17	0°30	3°32	11°11	7°53	1°56	15°32	14°16	17°20	23° 0	M16
T 17	5 48 53	25°54'46	26°29	15°58	21°27	23°59	0°42	3°27	11°12	7°52	1°56	15°27	14°13	17°26	22°57	T 17
W18	5 52 50	26°55'15	11♊39	17°16	22°42	24°41	0°55	3°22	11°14	7°51	1°55	15°19	14°10	17°33	22°54	W18
T 19	5 56 46	27°55'44	26°59	18°33	23°56	25°23	1° 7	3°17	11°15	7°50	1°55	15° 9	14° 7	17°40	22°50	T 19
F 20	6 0 43	28°56'16	12♋17	19°48	25°10	26° 6	1°20	3°13	11°17	7°49	1°54	14°58	14° 4	17°46	22°47	F 20
S 21	6 4 39	29°56'48	27°22	21° 1	26°25	26°48	1°33	3° 8	11°19	7°48	1°54	14°48	14° 0	17°53	22°43	S 21
S 22	6 8 36	0♑57'22	12♌ 4	22°12	27°39	27°30	1°46	3° 3	11°20	7°47	1°53	14°38	13°57	18° 0	22°40	S 22
M23	6 12 33	1°57'58	26°18	23°20	28°53	28°13	1°58	2°58	11°22	7°47	1°53	14°32	13°54	18° 7	22°37	M23
T 24	6 16 29	2°58'35	10♍ 1	24°25	0♒ 8	28°55	2°11	2°53	11°24	7°46	1°52	14°27	13°51	18°13	22°33	T 24
W25	6 20 26	3°59'14	23°15	25°26	1°22	29°38	2°24	2°48	11°25	7°45	1°52	14°26	13°48	18°20	22°30	W25
T 26	6 24 22	4°59'54	6♎ 2	26°24	2°36	0♑20	2°37	2°43	11°27	7°44	1°51	14°D25	13°44	18°27	22°27	T 26
F 27	6 28 19	6° 0'35	18°28	27°17	3°51	1° 3	2°50	2°38	11°29	7°44	1°50	14°R25	13°41	18°33	22°23	F 27
S 28	6 32 15	7° 1'18	0♏38	28° 4	5° 5	1°46	3° 3	2°33	11°31	7°43	1°50	14°24	13°38	18°40	22°20	S 28
S 29	6 36 12	8° 2'03	12°37	28°46	6°19	2°28	3°17	2°29	11°33	7°42	1°49	14°22	13°35	18°47	22°17	S 29
M30	6 40 8	9° 2'49	24°29	29°21	7°34	3°11	3°30	2°24	11°35	7°42	1°48	14°16	13°32	18°54	22°13	M30
T 31	6 44 5	10♑ 3'36	6♐18	29♑49	8♒48	3♑54	3♒43	2♋19	11♓37	7♉41	1♍48	14♈ 7	13♈29	19♐ 0	22♊10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21 s44	14 s 0	1 s28	24 s42	1 s40	24 s 1	0 s48	22 s22	0 s14	20 s37	0 s 9	21 n33	1 s36	8 s 8	0 s47	12 n39	1 s33	15 n35	5 n15	6 n37	5 n53	26 s55	17 n 5	6 s 0
M 2	21 52	18 43	2 27	24 52	1 45	24 2	0 51	22 28	0 15	20 35	0 9	21 33	1 36	8 8	0 47	12 38	1 33	15 35	5 16	6 35	5 52	26 56	17 5	6 0
T 3	22 0	22 39	3 19	25 0	1 50	24 3	0 53	22 34	0 15	20 33	0 9	21 33	1 36	8 7	0 47	12 38	1 33	15 35	5 16	6 33	5 51	26 57	17 5	6 1
W 4	22 8	25 39	4 2	25 7	1 55	24 3	0 55	22 39	0 16	20 31	0 9	21 34	1 36	8 7	0 47	12 37	1 33	15 36	5 16	6 29	5 49	26 59	17 4	6 1
T 5	22 16	27 30	4 35	25 13	2 0	24 2	0 58	22 44	0 17	20 28	0 9	21 34	1 36	8 7	0 47	12 37	1 33	15 36	5 16	6 25	5 48	27 0	17 4	6 1
F 6	22 22	28 7	4 55	25 17	2 4	24 0	1 0	22 49	0 17	20 26	0 9	21 34	1 36	8 6	0 47	12 37	1 33	15 36	5 16	6 21	5 47	27 1	17 4	6 1
S 7	22 29	27 25	5 3	25 21	2 8	23 57	1 2	22 53	0 18	20 24	0 9	21 34	1 36	8 6	0 47	12 36	1 33	15 36	5 17	6 16	5 46	27 2	17 3	6 1
S 8	22 35	25 27	4 58	25 23	2 12	23 54	1 5	22 58	0 18	20 21	0 9	21 34	1 36	8 5	0 47	12 36	1 33	15 37	5 17	6 12	5 44	27 3	17 3	6 1
M 9	22 41	22 19	4 39	25 23	2 15	23 50	1 7	23 2	0 19	20 19	0 10	21 34	1 36	8 5	0 47	12 36	1 33	15 37	5 17	6 9	5 43	27 4	17 3	6 2
T 10	22 46	18 10	4 7	25 23	2 19	23 46	1 9	23 6	0 19	20 17	0 10	21 34	1 35	8 5	0 47	12 35	1 33	15 37	5 17	6 7	5 42	27 5	17 2	6 2
W11	22 51	13 11	3 23	25 21	2 21	23 40	1 11	23 10	0 20	20 14	0 10	21 35	1 35	8 4	0 47	12 35	1 33	15 37	5 17	6 5	5 41	27 6	17 2	6 2
T 12	22 55	7 32	2 28	25 18	2 24	23 34	1 13	23 14	0 21	20 12	0 10	21 35	1 35	8 4	0 47	12 35	1 32	15 38	5 18	6 5	5 40	27 8	17 2	6 2
F 13	22 59	1 24	1 24	25 14	2 26	23 28	1 15	23 17	0 21	20 9	0 10	21 35	1 35	8 3	0 47	12 34	1 32	15 38	5 18	6 5	5 38	27 9	17 2	6 2
S 14	23 2	4n59	0 13	25 9	2 28	23 20	1 17	23 20	0 22	20 7	0 10	21 35	1 35	8 3	0 47	12 34	1 32	15 38	5 18	6 5	5 37	27 10	17 1	6 2
S 15	23 5	11 20	1n 1	25 2	2 29	23 12	1 19	23 23	0 22	20 4	0 10	21 35	1 35	8 2	0 47	12 34	1 32	15 39	5 18	6 5	5 36	27 11	17 1	6 2
M16	23 8	17 18	2 14	24 55	2 30	23 3	1 21	23 26	0 23	20 2	0 10	21 36	1 35	8 2	0 47	12 33	1 32	15 39	5 18	6 4	5 35	27 12	17 1	6 2
T 17	23 10	22 25	3 19	24 46	2 30	22 54	1 23	23 29	0 23	19 59	0 10	21 36	1 35	8 1	0 47	12 33	1 32	15 39	5 19	6 2	5 33	27 13	17 1	6 2
W18	23 11	26 8	4 11	24 36	2 30	22 44	1 25	23 31	0 24	19 56	0 10	21 36	1 35	8 0	0 47	12 33	1 32	15 40	5 19	5 59	5 32	27 14	17 0	6 2
T 19	23 13	27 58	4 46	24 25	2 29	22 33	1 26	23 33	0 24	19 54	0 10	21 36	1 35	8 0	0 46	12 32	1 32	15 40	5 19	5 55	5 31	27 15	17 0	6 2
F 20	23 13	27 39	5 1	24 13	2 28	22 21	1 28	23 35	0 25	19 51	0 10	21 36	1 35	7 59	0 46	12 32	1 32	15 40	5 19	5 51	5 30	27 16	17 0	6 2
S 21	23 14	25 18	4 54	24 0	2 26	22 9	1 30	23 37	0 26	19 48	0 10	21 36	1 35	7 59	0 46	12 32	1 32	15 41	5 19	5 47	5 29	27 17	17 0	6 2
S 22	23 13	21 18	4 28	23 46	2 23	21 56	1 31	23 38	0 26	19 46	0 11	21 37	1 35	7 58	0 46	12 32	1 32	15 41	5 20	5 43	5 27	27 18	17 0	6 2
M23	23 13	16 10	3 45	23 32	2 20	21 43	1 33	23 39	0 27	19 43	0 11	21 37	1 35	7 57	0 46	12 32	1 32	15 41	5 20	5 41	5 26	27 19	16 59	6 2
T 24	23 12	10 23	2 51	23 16	2 16	21 29	1 34	23 40	0 27	19 40	0 11	21 37	1 35	7 57	0 46	12 31	1 32	15 42	5 20	5 39	5 25	27 20	16 59	6 2
W25	23 10	4 20	1 50	23 0	2 10	21 14	1 36	23 41	0 28	19 37	0 11	21 37	1 35	7 56	0 46	12 31	1 32	15 42	5 20	5 38	5 24	27 21	16 59	6 2
T 26	23 8	1 s42	0 44	22 43	2 4	20 59	1 37	23 42	0 28	19 34	0 11	21 37	1 34	7 55	0 46	12 31	1 32	15 43	5 20	5 38	5 23	27 22	16 59	6 2
F 27	23 5	7 30	0 s21	22 26	1 57	20 43	1 38	23 42	0 29	19 32	0 11	21 38	1 34	7 54	0 46	12 31	1 32	15 43	5 21	5 38	5 21	27 23	16 59	6 2
S 28	23 2	12 55	1 25	22 9	1 49	20 26	1 39	23 42	0 29	19 29	0 11	21 38	1 34	7 54	0 46	12 31	1 32	15 43	5 21	5 38	5 20	27 24	16 58	6 2
S 29	22 59	17 45	2 23	21 51	1 40	20 9	1 41	23 42	0 30	19 26	0 11	21 38	1 34	7 53	0 46	12 30	1 32	15 44	5 21	5 37	5 19	27 25	16 58	6 2
M30	22 55	21 52	3 15	21 34	1 30	19 51	1 42	23 42	0 30	19 23	0 11	21 38	1 34	7 52	0 46	12 30	1 32	15 44	5 21	5 35	5 18	27 26	16 58	6 2
T 31	22 s51	25 s 4	3 s57	21 s17	1 s18	19 s33	1 s43	23 s41	0 s31	19 s20	0 s11	21 n38	1 s34	7 s51	0 s46	12 n30	1 s32	15 n45	5 n21	5 n31	5 n16	27 s27	16 n58	6 s 2

Julian Day Number = 3065487.5, Delta T = 02h33m44s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'23, Lahiri = 47°25'23

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

JANUARY 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 48 2	11♑ 4'25	18♐ 8	0♒ 9	10♒ 2	4♑37	3♒56	2°R14	11♓39	7°R41	1°R47	13°R56	13♈25	19♐ 7	22°R 7	W 1
T 2	6 51 58	12° 5'15	0♑ 1	0°19	11°16	5°20	4°10	2♋ 9	11°41	7♉40	1♏46	13♈42	13°22	19°14	22♊ 4	T 2
F 3	6 55 55	13° 6'05	11°58	0°R19	12°31	6° 3	4°23	2° 5	11°43	7°40	1°45	13°27	13°19	19°20	22° 1	F 3
S 4	6 59 51	14° 6'57	24° 1	0° 9	13°45	6°46	4°36	2° 0	11°46	7°39	1°44	13°12	13°16	19°27	21°58	S 4
S 5	7 3 48	15° 7'50	6♒ 9	29♑48	14°59	7°29	4°50	1°55	11°48	7°39	1°43	12°58	13°13	19°34	21°54	S 5
M 6	7 7 44	16° 8'43	18°26	29°15	16°13	8°12	5° 3	1°50	11°50	7°38	1°43	12°47	13°10	19°40	21°51	M 6
T 7	7 11 41	17° 9'38	0♓51	28°30	17°27	8°55	5°17	1°46	11°52	7°38	1°42	12°38	13° 6	19°47	21°48	T 7
W 8	7 15 38	18°10'32	13°27	27°35	18°41	9°38	5°30	1°41	11°55	7°38	1°41	12°32	13° 3	19°54	21°45	W 8
T 9	7 19 34	19°11'28	26°16	26°30	19°56	10°22	5°44	1°37	11°57	7°37	1°40	12°30	13° 0	20° 1	21°42	T 9
F 10	7 23 31	20°12'24	9♈21	25°17	21°10	11° 5	5°58	1°32	12° 0	7°37	1°39	12°D29	12°57	20° 7	21°40	F 10
S 11	7 27 27	21°13'20	22°46	23°58	22°24	11°48	6°11	1°28	12° 2	7°37	1°38	12°R29	12°54	20°14	21°37	S 11
S 12	7 31 24	22°14'17	6♉33	22°36	23°38	12°32	6°25	1°23	12° 5	7°37	1°37	12°28	12°50	20°21	21°34	S 12
M13	7 35 20	23°15'14	20°43	21°13	24°52	13°15	6°39	1°19	12° 7	7°37	1°36	12°26	12°47	20°27	21°31	M13
T 14	7 39 17	24°16'12	5♊15	19°52	26° 6	13°58	6°52	1°14	12°10	7°36	1°35	12°21	12°44	20°34	21°28	T 14
W15	7 43 13	25°17'10	20° 7	18°36	27°20	14°42	7° 6	1°10	12°12	7°36	1°34	12°13	12°41	20°41	21°26	W15
T 16	7 47 10	26°18'08	5♋11	17°27	28°34	15°26	7°20	1° 6	12°15	7°36	1°33	12° 3	12°38	20°48	21°23	T 16
F 17	7 51 7	27°19'07	20°18	16°27	29°47	16° 9	7°34	1° 2	12°18	7°D36	1°32	11°52	12°35	20°54	21°20	F 17
S 18	7 55 3	28°20'07	5♌18	15°36	1♓ 1	16°53	7°47	0°58	12°21	7°36	1°31	11°41	12°31	21° 1	21°18	S 18
S 19	7 59 0	29°21'06	20° 0	14°56	2°15	17°37	8° 1	0°54	12°23	7°36	1°29	11°31	12°28	21° 8	21°15	S 19
M20	8 2 56	0♒22'07	4♍19	14°27	3°29	18°20	8°15	0°50	12°26	7°36	1°28	11°24	12°25	21°14	21°13	M20
T 21	8 6 53	1°23'08	18° 8	14° 9	4°43	19° 4	8°29	0°46	12°29	7°37	1°27	11°19	12°22	21°21	21°10	T 21
W22	8 10 49	2°24'09	1♎29	14°D 0	5°56	19°48	8°43	0°42	12°32	7°37	1°26	11°17	12°19	21°28	21° 8	W22
T 23	8 14 46	3°25'11	14°23	14° 2	7°10	20°32	8°57	0°39	12°35	7°37	1°25	11°D16	12°16	21°35	21° 6	T 23
F 24	8 18 42	4°26'14	26°54	14°12	8°24	21°16	9°11	0°35	12°38	7°37	1°24	11°17	12°12	21°41	21° 4	F 24
S 25	8 22 39	5°27'17	9♏ 7	14°31	9°37	22° 0	9°24	0°31	12°40	7°37	1°22	11°R17	12° 9	21°48	21° 1	S 25
S 26	8 26 36	6°28'21	21° 7	14°57	10°51	22°44	9°38	0°28	12°43	7°38	1°21	11°16	12° 6	21°55	20°59	S 26
M27	8 30 32	7°29'25	2♐59	15°30	12° 4	23°28	9°52	0°24	12°46	7°38	1°20	11°12	12° 3	22° 1	20°57	M27
T 28	8 34 29	8°30'30	14°48	16° 8	13°18	24°12	10° 6	0°21	12°49	7°39	1°19	11° 6	12° 0	22° 8	20°55	T 28
W29	8 38 25	9°31'35	26°40	16°52	14°31	24°56	10°20	0°18	12°52	7°39	1°18	10°58	11°56	22°15	20°53	W29
T 30	8 42 22	10°32'40	8♑35	17°41	15°44	25°41	10°34	0°15	12°56	7°39	1°16	10°47	11°53	22°22	20°51	T 30
F 31	8 46 18	11♒33'46	20♑38	18♑35	16♓58	26♑25	10♒48	0♋12	12♓59	7♉40	1♏15	10♈35	11♈50	22♐28	20♊50	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s46	27s11	4s30	21s 0	1s 5	19s14	1s44	23s40	0s32	19s17	0s11	21n39	1s34	7s50	0s46	12n30	1s32	15n45	5n22	5n27	5n15	27s28	16n58	6s 2
T 2	22 41	28 4	4 51	20 44	0 51	18 55	1 45	23 39	0 32	19 14	0 11	21 39	1 34	7 50	0 46	12 30	1 32	15 46	5 22	5 22	5 14	27 28	16 58	6 2
F 3	22 35	27 39	4 59	20 29	0 35	18 35	1 45	23 38	0 33	19 11	0 11	21 39	1 34	7 49	0 46	12 30	1 32	15 46	5 22	5 16	5 13	27 29	16 58	6 2
S 4	22 29	25 56	4 54	20 15	0 19	18 15	1 46	23 36	0 33	19 8	0 12	21 39	1 33	7 48	0 46	12 30	1 32	15 47	5 22	5 10	5 11	27 30	16 58	6 2
S 5	22 23	23 1	4 35	20 2	0 1	17 54	1 47	23 35	0 34	19 4	0 12	21 39	1 33	7 47	0 46	12 30	1 32	15 47	5 22	5 5	5 10	27 31	16 58	6 2
M 6	22 16	19 2	4 4	19 50	0n18	17 32	1 47	23 33	0 34	19 1	0 12	21 40	1 33	7 46	0 46	12 29	1 31	15 48	5 23	5 0	5 9	27 32	16 57	6 2
T 7	22 8	14 12	3 21	19 40	0 37	17 11	1 48	23 30	0 35	18 58	0 12	21 40	1 33	7 45	0 46	12 29	1 31	15 48	5 23	4 57	5 8	27 33	16 57	6 2
W 8	22 0	8 43	2 27	19 32	0 57	16 48	1 48	23 28	0 35	18 55	0 12	21 40	1 33	7 44	0 46	12 29	1 31	15 49	5 23	4 55	5 7	27 34	16 57	6 2
T 9	21 52	2 46	1 25	19 25	1 17	16 25	1 49	23 25	0 36	18 52	0 12	21 40	1 33	7 43	0 46	12 29	1 31	15 49	5 23	4 54	5 5	27 35	16 57	6 2
F 10	21 43	3n25	0 17	19 19	1 36	16 2	1 49	23 22	0 36	18 48	0 12	21 40	1 33	7 42	0 46	12 29	1 31	15 50	5 23	4 53	5 4	27 36	16 57	6 1
S 11	21 34	9 37	0n54	19 15	1 54	15 39	1 49	23 19	0 37	18 45	0 12	21 41	1 33	7 41	0 46	12 29	1 31	15 50	5 23	4 53	5 3	27 36	16 57	6 1
S 12	21 25	15 32	2 3	19 12	2 11	15 14	1 49	23 16	0 37	18 42	0 12	21 41	1 32	7 40	0 46	12 29	1 31	15 51	5 24	4 53	5 2	27 37	16 57	6 1
M13	21 15	20 47	3 7	19 10	2 26	14 50	1 49	23 12	0 38	18 39	0 12	21 41	1 32	7 39	0 46	12 29	1 31	15 51	5 24	4 52	5 0	27 38	16 57	6 1
T 14	21 4	24 56	4 1	19 9	2 39	14 25	1 49	23 8	0 39	18 35	0 12	21 41	1 32	7 38	0 46	12 29	1 31	15 52	5 24	4 50	4 59	27 39	16 57	6 1
W15	20 53	27 30	4 39	19 9	2 49	14 0	1 49	23 4	0 39	18 32	0 12	21 41	1 32	7 37	0 46	12 29	1 31	15 52	5 24	4 47	4 58	27 40	16 57	6 1
T 16	20 42	28 6	4 59	19 11	2 57	13 34	1 49	23 0	0 40	18 29	0 12	21 42	1 32	7 36	0 46	12 29	1 31	15 53	5 24	4 43	4 57	27 41	16 57	6 0
F 17	20 31	26 37	4 58	19 13	3 2	13 8	1 48	22 55	0 40	18 25	0 13	21 42	1 32	7 35	0 46	12 29	1 31	15 53	5 24	4 39	4 56	27 41	16 57	6 0
S 18	20 19	23 14	4 36	19 16	3 5	12 42	1 48	22 51	0 41	18 22	0 13	21 42	1 31	7 34	0 46	12 29	1 31	15 54	5 25	4 35	4 54	27 42	16 57	6 0
S 19	20 6	18 25	3 56	19 19	3 6	12 15	1 47	22 46	0 41	18 18	0 13	21 42	1 31	7 33	0 46	12 29	1 31	15 54	5 25	4 31	4 53	27 43	16 57	6 0
M20	19 53	12 41	3 3	19 24	3 4	11 48	1 47	22 40	0 42	18 15	0 13	21 42	1 31	7 32	0 45	12 30	1 31	15 55	5 25	4 28	4 52	27 44	16 57	6 0
T 21	19 40	6 29	1 59	19 28	3 1	11 21	1 46	22 35	0 42	18 11	0 13	21 43	1 31	7 31	0 45	12 30	1 31	15 55	5 25	4 26	4 51	27 44	16 57	6 0
W22	19 27	0 12	0 52	19 34	2 57	10 53	1 45	22 29	0 43	18 8	0 13	21 43	1 31	7 30	0 45	12 30	1 31	15 56	5 25	4 25	4 49	27 45	16 57	5 59
T 23	19 13	5s53	0s17	19 39	2 51	10 25	1 45	22 23	0 43	18 4	0 13	21 43	1 30	7 29	0 45	12 30	1 31	15 56	5 25	4 25	4 48	27 46	16 57	5 59
F 24	18 59	11 33	1 22	19 45	2 45	9 57	1 44	22 17	0 44	18 1	0 13	21 43	1 30	7 28	0 45	12 30	1 31	15 57	5 25	4 25	4 47	27 47	16 58	5 59
S 25	18 44	16 39	2 22	19 50	2 38	9 29	1 43	22 11	0 44	17 57	0 13	21 43	1 30	7 27	0 45	12 30	1 31	15 58	5 26	4 25	4 46	27 47	16 58	5 59
S 26	18 29	21 1	3 15	19 55	2 30	9 0	1 42	22 4	0 45	17 54	0 13	21 44	1 30	7 25	0 45	12 30	1 30	15 58	5 26	4 25	4 45	27 48	16 58	5 58
M27	18 14	24 29	3 59	20 0	2 21	8 31	1 41	21 57	0 45	17 50	0 13	21 44	1 30	7 24	0 45	12 30	1 30	15 59	5 26	4 24	4 43	27 49	16 58	5 58
T 28	17 58	26 53	4 32	20 4	2 12	8 2	1 39	21 50	0 46	17 46	0 13	21 44	1 30	7 23	0 45	12 31	1 30	15 59	5 26	4 21	4 42	27 50	16 58	5 58
W29	17 43	28 5	4 54	20 8	2 3	7 33	1 38	21 43	0 46	17 43	0 14	21 44	1 29	7 22	0 45	12 31	1 30	16 0	5 26	4 18	4 41	27 50	16 58	5 58
T 30	17 26	27 59	5 3	20 12	1 53	7 4	1 37	21 35	0 47	17 39	0 14	21 44	1 29	7 21	0 45	12 31	1 30	16 0	5 26	4 14	4 40	27 51	16 58	5 57
F 31	17s10	26s35	4s59	20s14	1n44	6s34	1s35	21s27	0s47	17s35	0s14	21n45	1s29	7s20	0s45	12n31	1s30	16n 1	5n26	4n 9	4n38	27s52	16n58	5s57

Julian Day Number = 3065518.5, Delta T = 02h33m45s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'27, Lahiri = 47°25'28

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

FEBRUARY 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 50 15	12♒34'51	2♒50	19♑32	18♓11	27♑ 9	11♒ 2	0°R 9	13♓ 2	7♉40	1°R14	10°R24	11♈47	22♐35	20°R48	S 1
S 2	8 54 11	13°35'57	15°12	20°32	19°24	27°54	11°16	0♋ 6	13° 5	7°41	1♍12	10♈13	11°44	22°42	20♊46	S 2
M 3	8 58 8	14°37'02	27°44	21°36	20°38	28°38	11°30	0° 3	13° 8	7°42	1°11	10° 4	11°41	22°48	20°44	M 3
T 4	9 2 5	15°38'07	10♓26	22°42	21°51	29°22	11°44	0° 0	13°11	7°42	1°10	9°57	11°37	22°55	20°43	T 4
W 5	9 6 1	16°39'12	23°19	23°51	23° 4	0♒ 7	11°58	29♊58	13°14	7°43	1° 8	9°53	11°34	23° 2	20°41	W 5
T 6	9 9 58	17°40'17	6♈23	25° 2	24°17	0°51	12°12	29°55	13°18	7°43	1° 7	9°D52	11°31	23° 9	20°40	T 6
F 7	9 13 54	18°41'21	19°40	26°14	25°30	1°36	12°25	29°53	13°21	7°44	1° 6	9°52	11°28	23°15	20°39	F 7
S 8	9 17 51	19°42'25	3♉10	27°29	26°43	2°21	12°39	29°51	13°24	7°45	1° 4	9°53	11°25	23°22	20°37	S 8
S 9	9 21 47	20°43'28	16°55	28°45	27°55	3° 5	12°53	29°48	13°27	7°46	1° 3	9°R54	11°22	23°29	20°36	S 9
M10	9 25 44	21°44'31	0♊56	0♒ 3	29° 8	3°50	13° 7	29°46	13°31	7°47	1° 2	9°54	11°18	23°35	20°35	M10
T 11	9 29 40	22°45'33	15°11	1°22	0♈21	4°35	13°21	29°44	13°34	7°47	1° 0	9°51	11°15	23°42	20°34	T 11
W12	9 33 37	23°46'34	29°40	2°42	1°33	5°20	13°35	29°42	13°37	7°48	0°59	9°47	11°12	23°49	20°33	W12
T 13	9 37 34	24°47'35	14♋18	4° 3	2°46	6° 4	13°49	29°41	13°41	7°49	0°58	9°41	11° 9	23°56	20°32	T 13
F 14	9 41 30	25°48'35	28°58	5°26	3°58	6°49	14° 2	29°39	13°44	7°50	0°56	9°34	11° 6	24° 2	20°31	F 14
S 15	9 45 27	26°49'35	13♌35	6°49	5°11	7°34	14°16	29°37	13°47	7°51	0°55	9°27	11° 2	24° 9	20°30	S 15
S 16	9 49 23	27°50'33	28° 0	8°13	6°23	8°19	14°30	29°36	13°51	7°52	0°54	9°21	10°59	24°16	20°29	S 16
M17	9 53 20	28°51'31	12♍ 7	9°38	7°35	9° 4	14°44	29°35	13°54	7°53	0°52	9°16	10°56	24°23	20°29	M17
T 18	9 57 16	29°52'29	25°52	11° 5	8°47	9°49	14°58	29°33	13°58	7°54	0°51	9°13	10°53	24°29	20°28	T 18
W19	10 1 13	0♓53'26	9♎13	12°31	9°59	10°34	15°11	29°32	14° 1	7°55	0°49	9°D12	10°50	24°36	20°28	W19
T 20	10 5 9	1°54'22	22°10	13°59	11°11	11°19	15°25	29°31	14° 5	7°57	0°48	9°13	10°47	24°43	20°27	T 20
F 21	10 9 6	2°55'18	4♏45	15°27	12°23	12° 4	15°39	29°30	14° 8	7°58	0°47	9°15	10°43	24°49	20°27	F 21
S 22	10 13 3	3°56'14	17° 2	16°57	13°35	12°50	15°52	29°29	14°11	7°59	0°45	9°16	10°40	24°56	20°26	S 22
S 23	10 16 59	4°57'09	29° 6	18°27	14°47	13°35	16° 6	29°29	14°15	8° 0	0°44	9°17	10°37	25° 3	20°26	S 23
M24	10 20 56	5°58'04	11♐ 1	19°57	15°58	14°20	16°19	29°28	14°18	8° 1	0°43	9°R17	10°34	25°10	20°26	M24
T 25	10 24 52	6°58'58	22°52	21°29	17°10	15° 5	16°33	29°28	14°22	8° 3	0°41	9°16	10°31	25°16	20°26	T 25
W26	10 28 49	7°59'51	4♑45	23° 1	18°21	15°51	16°46	29°27	14°25	8° 4	0°40	9°13	10°28	25°23	20°D26	W26
T 27	10 32 45	9° 0'44	16°43	24°33	19°32	16°36	17° 0	29°27	14°29	8° 5	0°38	9° 9	10°24	25°30	20°26	T 27
F 28	10 36 42	10♓ 1'36	28♑51	26♒ 7	20♈44	17♒21	17♒13	29♊27	14♓32	8♉ 7	0♍37	9♈ 4	10♈21	25♐36	20♊26	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s53	23s54	4s41	20s16	1n34	6s 4	1s33	21s19	0s48	17s32	0s14	21n45	1s29	7s18	0s45	12n31	1s30	16n 2	5n26	4n 5	4n37	27s52	16n58	5s57
S 2	16 36	20 6	4 9	20 17	1 25	5 34	1 32	21 11	0 48	17 28	0 14	21 45	1 29	7 17	0 45	12 32	1 30	16 2	5 27	4 0	4 36	27 53	16 59	5 57
M 3	16 18	15 22	3 26	20 16	1 15	5 4	1 30	21 3	0 49	17 24	0 14	21 45	1 28	7 16	0 45	12 32	1 30	16 3	5 27	3 57	4 35	27 54	16 59	5 56
T 4	16 0	9 55	2 31	20 15	1 6	4 33	1 28	20 54	0 49	17 20	0 14	21 45	1 28	7 15	0 45	12 32	1 30	16 3	5 27	3 54	4 33	27 54	16 59	5 56
W 5	15 42	3 58	1 28	20 13	0 56	4 3	1 26	20 45	0 50	17 17	0 14	21 46	1 28	7 14	0 45	12 32	1 30	16 4	5 27	3 53	4 32	27 55	16 59	5 56
T 6	15 24	2n14	0 19	20 10	0 47	3 33	1 24	20 36	0 50	17 13	0 14	21 46	1 28	7 12	0 45	12 33	1 30	16 4	5 27	3 52	4 31	27 56	16 59	5 56
F 7	15 5	8 26	0n53	20 6	0 38	3 2	1 22	20 27	0 51	17 9	0 14	21 46	1 28	7 11	0 45	12 33	1 30	16 5	5 27	3 52	4 30	27 56	17 0	5 55
S 8	14 47	14 22	2 2	20 1	0 28	2 31	1 20	20 17	0 51	17 5	0 14	21 46	1 27	7 10	0 45	12 33	1 30	16 6	5 27	3 53	4 29	27 57	17 0	5 55
S 9	14 27	19 43	3 6	19 54	0 20	2 0	1 18	20 8	0 52	17 2	0 15	21 46	1 27	7 9	0 45	12 33	1 30	16 6	5 27	3 53	4 27	27 58	17 0	5 55
M10	14 8	24 4	4 0	19 47	0 11	1 30	1 15	19 58	0 52	16 58	0 15	21 47	1 27	7 7	0 45	12 34	1 30	16 7	5 27	3 53	4 26	27 58	17 0	5 54
T 11	13 48	27 3	4 40	19 38	0 2	0 59	1 13	19 48	0 53	16 54	0 15	21 47	1 27	7 6	0 45	12 34	1 30	16 7	5 28	3 52	4 25	27 59	17 0	5 54
W12	13 29	28 17	5 3	19 29	0s 6	0 28	1 10	19 38	0 53	16 50	0 15	21 47	1 26	7 5	0 45	12 34	1 30	16 8	5 28	3 51	4 24	27 59	17 1	5 54
T 13	13 8	27 33	5 7	19 18	0 14	0n 3	1 8	19 27	0 53	16 46	0 15	21 47	1 26	7 3	0 45	12 35	1 30	16 9	5 28	3 48	4 22	28 0	17 1	5 53
F 14	12 48	24 55	4 51	19 6	0 22	0 34	1 5	19 16	0 54	16 42	0 15	21 48	1 26	7 2	0 45	12 35	1 30	16 9	5 28	3 45	4 21	28 0	17 1	5 53
S 15	12 28	20 41	4 15	18 53	0 30	1 5	1 2	19 5	0 54	16 39	0 15	21 48	1 26	7 1	0 45	12 35	1 30	16 10	5 28	3 43	4 20	28 1	17 1	5 53
S 16	12 7	15 16	3 24	18 39	0 37	1 36	0 59	18 54	0 55	16 35	0 15	21 48	1 26	7 0	0 45	12 36	1 29	16 10	5 28	3 40	4 19	28 2	17 2	5 53
M17	11 46	9 8	2 22	18 23	0 44	2 7	0 56	18 43	0 55	16 31	0 15	21 48	1 25	6 58	0 45	12 36	1 29	16 11	5 28	3 38	4 17	28 2	17 2	5 52
T 18	11 25	2 44	1 12	18 7	0 51	2 38	0 53	18 32	0 56	16 27	0 15	21 48	1 25	6 57	0 45	12 37	1 29	16 11	5 28	3 37	4 16	28 3	17 2	5 52
W19	11 4	3s37	0s 0	17 49	0 58	3 9	0 50	18 20	0 56	16 23	0 15	21 49	1 25	6 56	0 45	12 37	1 29	16 12	5 28	3 37	4 15	28 3	17 2	5 52
T 20	10 42	9 38	1 10	17 31	1 4	3 40	0 47	18 8	0 57	16 19	0 16	21 49	1 25	6 54	0 45	12 37	1 29	16 12	5 28	3 37	4 14	28 4	17 3	5 51
F 21	10 20	15 6	2 15	17 11	1 10	4 10	0 44	17 56	0 57	16 15	0 16	21 49	1 24	6 53	0 45	12 38	1 29	16 13	5 28	3 38	4 12	28 4	17 3	5 51
S 22	9 59	19 50	3 11	16 50	1 16	4 41	0 41	17 44	0 57	16 11	0 16	21 49	1 24	6 52	0 45	12 38	1 29	16 14	5 28	3 39	4 11	28 5	17 3	5 51
S 23	9 37	23 40	3 59	16 28	1 22	5 12	0 37	17 31	0 58	16 7	0 16	21 50	1 24	6 50	0 45	12 39	1 29	16 14	5 28	3 39	4 10	28 5	17 4	5 50
M24	9 15	26 26	4 35	16 5	1 27	5 42	0 34	17 19	0 58	16 3	0 16	21 50	1 24	6 49	0 45	12 39	1 29	16 15	5 29	3 39	4 9	28 6	17 4	5 50
T 25	8 52	28 1	4 59	15 41	1 32	6 13	0 31	17 6	0 59	16 0	0 16	21 50	1 23	6 48	0 45	12 39	1 29	16 15	5 29	3 38	4 8	28 6	17 4	5 50
W26	8 30	28 19	5 11	15 15	1 37	6 43	0 27	16 53	0 59	15 56	0 16	21 50	1 23	6 46	0 45	12 40	1 29	16 16	5 29	3 37	4 6	28 7	17 5	5 49
T 27	8 7	27 18	5 9	14 49	1 42	7 13	0 23	16 40	1 0	15 52	0 16	21 50	1 23	6 45	0 45	12 40	1 29	16 16	5 29	3 36	4 5	28 7	17 5	5 49
F 28	7s44	25s 0	4s54	14s22	1s46	7n43	0s20	16s27	1s 0	15s48	0s16	21n51	1s23	6s44	0s45	12n41	1s29	16n17	5n29	3n34	4n 4	28s 8	17n 5	5s49

Julian Day Number = 3065549.5, Delta T = 02h33m46s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'32, Lahiri = 47°25'32

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

MARCH 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 40 38	11♓ 2'28	11♒10	27♒41	21♈55	18♒ 7	17♒27	29°D27	14♓36	8♉ 8	0°R36	8°R59	10♈18	25♐43	20♊26	S 1
S 2	10 44 35	12° 3'18	23°43	29°16	23° 6	18°52	17°40	29♊27	14°39	8°10	0♍34	8♈54	10°15	25°50	20°27	S 2
M 3	10 48 32	13° 4'08	6♓31	0♓52	24°16	19°38	17°53	29°27	14°43	8°11	0°33	8°50	10°12	25°57	20°27	M 3
T 4	10 52 28	14° 4'56	19°33	2°28	25°27	20°23	18° 7	29°28	14°46	8°12	0°32	8°48	10° 8	26° 3	20°27	T 4
W 5	10 56 25	15° 5'43	2♈49	4° 5	26°38	21° 9	18°20	29°28	14°50	8°14	0°30	8°D47	10° 5	26°10	20°28	W 5
T 6	11 0 21	16° 6'29	16°18	5°43	27°48	21°55	18°33	29°29	14°53	8°16	0°29	8°47	10° 2	26°17	20°28	T 6
F 7	11 4 18	17° 7'14	29°59	7°22	28°59	22°40	18°46	29°29	14°57	8°17	0°28	8°48	9°59	26°23	20°29	F 7
S 8	11 8 14	18° 7'57	13♉48	9° 2	0♉ 9	23°26	18°59	29°30	15° 0	8°19	0°26	8°49	9°56	26°30	20°30	S 8
S 9	11 12 11	19° 8'39	27°47	10°42	1°19	24°12	19°12	29°31	15° 4	8°20	0°25	8°50	9°53	26°37	20°31	S 9
M10	11 16 7	20° 9'20	11♊52	12°23	2°29	24°57	19°25	29°32	15° 7	8°22	0°24	8°51	9°49	26°44	20°31	M10
T 11	11 20 4	21° 9'59	26° 2	14° 5	3°39	25°43	19°38	29°33	15°11	8°24	0°23	8°R51	9°46	26°50	20°32	T 11
W12	11 24 1	22°10'37	10♋16	15°48	4°48	26°29	19°51	29°34	15°14	8°25	0°21	8°51	9°43	26°57	20°33	W12
T 13	11 27 57	23°11'12	24°30	17°32	5°58	27°15	20° 4	29°36	15°18	8°27	0°20	8°49	9°40	27° 4	20°34	T 13
F 14	11 31 54	24°11'47	8♌42	19°16	7° 7	28° 1	20°17	29°37	15°21	8°29	0°19	8°47	9°37	27°10	20°35	F 14
S 15	11 35 50	25°12'19	22°47	21° 2	8°16	28°47	20°30	29°39	15°25	8°30	0°18	8°45	9°34	27°17	20°37	S 15
S 16	11 39 47	26°12'50	6♍44	22°48	9°25	29°33	20°42	29°40	15°28	8°32	0°16	8°44	9°30	27°24	20°38	S 16
M17	11 43 43	27°13'19	20°26	24°36	10°34	0♓18	20°55	29°42	15°31	8°34	0°15	8°43	9°27	27°31	20°39	M17
T 18	11 47 40	28°13'47	3♎53	26°24	11°43	1° 4	21° 7	29°44	15°35	8°36	0°14	8°D42	9°24	27°37	20°41	T 18
W19	11 51 36	29°14'14	17° 2	28°13	12°51	1°50	21°20	29°46	15°38	8°38	0°13	8°42	9°21	27°44	20°42	W19
T 20	11 55 33	0♈14'39	29°53	0♈ 3	14° 0	2°36	21°32	29°48	15°42	8°40	0°12	8°43	9°18	27°51	20°44	T 20
F 21	11 59 30	1°15'03	12♏27	1°54	15° 8	3°23	21°44	29°50	15°45	8°41	0°10	8°43	9°14	27°57	20°45	F 21
S 22	12 3 26	2°15'25	24°45	3°45	16°16	4° 9	21°57	29°53	15°49	8°43	0° 9	8°44	9°11	28° 4	20°47	S 22
S 23	12 7 23	3°15'46	6♐51	5°38	17°24	4°55	22° 9	29°55	15°52	8°45	0° 8	8°45	9° 8	28°11	20°49	S 23
M24	12 11 19	4°16'06	18°48	7°31	18°31	5°41	22°21	29°57	15°55	8°47	0° 7	8°45	9° 5	28°18	20°51	M24
T 25	12 15 16	5°16'24	0♑41	9°25	19°39	6°27	22°33	0♋ 0	15°59	8°49	0° 6	8°R45	9° 2	28°24	20°53	T 25
W26	12 19 12	6°16'42	12°35	11°19	20°46	7°13	22°45	0° 3	16° 2	8°51	0° 5	8°45	8°59	28°31	20°55	W26
T 27	12 23 9	7°16'57	24°33	13°14	21°53	7°59	22°57	0° 6	16° 5	8°53	0° 4	8°45	8°55	28°38	20°57	T 27
F 28	12 27 5	8°17'12	6♒41	15° 9	22°59	8°46	23° 9	0° 9	16° 9	8°55	0° 3	8°D45	8°52	28°45	20°59	F 28
S 29	12 31 2	9°17'25	19° 3	17° 4	24° 6	9°32	23°21	0°12	16°12	8°57	0° 2	8°45	8°49	28°51	21° 1	S 29
S 30	12 34 59	10°17'36	1♓42	18°59	25°12	10°18	23°32	0°15	16°15	8°59	0° 1	8°45	8°46	28°58	21° 3	S 30
M31	12 38 55	11♈17'46	14♓40	20♈54	26♉18	11♓ 5	23♒44	0♋18	16♓18	9♉ 1	29♌59	8♈46	8♈43	29♐ 5	21♊ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s22	21s31	4s25	13s53	1s50	8n13	0s16	16s13	1s 0	15s44	0s16	21n51	1s23	6s42	0s45	12n41	1s29	16n17	5n29	3n32	4n 3	28s 8	17n 6	5s48
S 2	6 59	17 0	3 42	13 24	1 53	8 42	0 12	16 0	1 1	15 40	0 17	21 51	1 22	6 41	0 45	12 42	1 29	16 18	5 29	3 30	4 1	28 9	17 6	5 48
M 3	6 36	11 39	2 48	12 53	1 56	9 12	0 8	15 46	1 1	15 36	0 17	21 51	1 22	6 40	0 45	12 42	1 29	16 18	5 29	3 28	4 0	28 9	17 6	5 48
T 4	6 13	5 42	1 44	12 22	1 59	9 41	0 5	15 32	1 2	15 32	0 17	21 52	1 22	6 38	0 45	12 43	1 29	16 19	5 29	3 27	3 59	28 9	17 7	5 47
W 5	5 49	0n37	0 33	11 49	2 2	10 10	0 1	15 18	1 2	15 28	0 17	21 52	1 22	6 37	0 45	12 43	1 29	16 19	5 29	3 27	3 58	28 10	17 7	5 47
T 6	5 26	7 0	0n41	11 15	2 4	10 39	0n 3	15 4	1 2	15 24	0 17	21 52	1 21	6 36	0 45	12 44	1 29	16 20	5 29	3 27	3 56	28 10	17 7	5 47
F 7	5 3	13 9	1 54	10 40	2 6	11 8	0 7	14 49	1 3	15 20	0 17	21 52	1 21	6 34	0 45	12 44	1 29	16 20	5 29	3 27	3 55	28 11	17 8	5 46
S 8	4 39	18 43	3 1	10 5	2 7	11 36	0 12	14 35	1 3	15 16	0 17	21 53	1 21	6 33	0 45	12 45	1 29	16 21	5 29	3 28	3 54	28 11	17 8	5 46
S 9	4 16	23 21	3 58	9 28	2 8	12 4	0 16	14 20	1 3	15 12	0 17	21 53	1 21	6 32	0 45	12 46	1 29	16 21	5 29	3 28	3 53	28 11	17 9	5 46
M10	3 52	26 39	4 41	8 50	2 9	12 32	0 20	14 5	1 4	15 8	0 17	21 53	1 20	6 30	0 45	12 46	1 29	16 22	5 29	3 29	3 51	28 12	17 9	5 45
T 11	3 28	28 17	5 8	8 12	2 9	13 0	0 24	13 50	1 4	15 4	0 18	21 53	1 20	6 29	0 45	12 47	1 29	16 22	5 29	3 29	3 50	28 12	17 9	5 45
W12	3 5	28 4	5 15	7 32	2 9	13 27	0 28	13 35	1 4	15 1	0 18	21 53	1 20	6 28	0 45	12 47	1 29	16 23	5 29	3 29	3 49	28 13	17 10	5 45
T 13	2 41	26 1	5 4	6 51	2 8	13 54	0 33	13 20	1 5	14 57	0 18	21 54	1 20	6 26	0 45	12 48	1 29	16 23	5 29	3 28	3 48	28 13	17 10	5 44
F 14	2 17	22 20	4 34	6 10	2 7	14 21	0 37	13 5	1 5	14 53	0 18	21 54	1 20	6 25	0 45	12 48	1 28	16 24	5 29	3 27	3 47	28 13	17 11	5 44
S 15	1 53	17 23	3 47	5 27	2 6	14 48	0 41	12 49	1 6	14 49	0 18	21 54	1 19	6 24	0 45	12 49	1 28	16 24	5 29	3 27	3 45	28 14	17 11	5 44
S 16	1 30	11 34	2 48	4 44	2 4	15 14	0 46	12 34	1 6	14 45	0 18	21 54	1 19	6 22	0 45	12 50	1 28	16 25	5 29	3 26	3 44	28 14	17 11	5 43
M17	1 6	5 17	1 39	3 59	2 1	15 39	0 50	12 18	1 6	14 41	0 18	21 55	1 19	6 21	0 45	12 50	1 28	16 25	5 29	3 25	3 43	28 14	17 12	5 43
T 18	0 42	1s 7	0 27	3 14	1 59	16 5	0 55	12 2	1 7	14 37	0 18	21 55	1 19	6 20	0 45	12 51	1 28	16 25	5 29	3 25	3 42	28 14	17 12	5 43
W19	0 18	7 21	0s46	2 28	1 55	16 30	0 59	11 46	1 7	14 33	0 18	21 55	1 18	6 18	0 45	12 51	1 28	16 26	5 29	3 25	3 40	28 15	17 13	5 42
T 20	0n 6	13 7	1 55	1 41	1 51	16 55	1 4	11 30	1 7	14 30	0 19	21 55	1 18	6 17	0 45	12 52	1 28	16 26	5 29	3 25	3 39	28 15	17 13	5 42
F 21	0 30	18 14	2 56	0 53	1 47	17 19	1 8	11 14	1 7	14 26	0 19	21 56	1 18	6 16	0 45	12 53	1 28	16 27	5 29	3 26	3 38	28 15	17 14	5 42
S 22	0 53	22 29	3 48	0 5	1 42	17 43	1 13	10 57	1 8	14 22	0 19	21 56	1 18	6 14	0 45	12 53	1 28	16 27	5 29	3 26	3 37	28 16	17 14	5 41
S 23	1 17	25 41	4 29	0n44	1 37	18 7	1 17	10 41	1 8	14 18	0 19	21 56	1 18	6 13	0 45	12 54	1 28	16 28	5 29	3 26	3 35	28 16	17 14	5 41
M24	1 41	27 42	4 58	1 34	1 30	18 30	1 22	10 24	1 8	14 14	0 19	21 56	1 17	6 12	0 45	12 54	1 28	16 28	5 29	3 26	3 34	28 16	17 15	5 41
T 25	2 5	28 27	5 14	2 24	1 24	18 53	1 27	10 8	1 9	14 11	0 19	21 56	1 17	6 11	0 45	12 55	1 28	16 28	5 29	3 27	3 33	28 16	17 15	5 40
W26	2 28	27 53	5 16	3 15	1 17	19 15	1 31	9 51	1 9	14 7	0 19	21 57	1 17	6 9	0 45	12 56	1 28	16 29	5 29	3 27	3 32	28 17	17 16	5 40
T 27	2 52	26 1	5 5	4 7	1 9	19 37	1 36	9 34	1 9	14 3	0 19	21 57	1 17	6 8	0 45	12 56	1 28	16 29	5 29	3 26	3 30	28 17	17 16	5 40
F 28	3 15	22 57	4 40	4 59	1 1	19 58	1 40	9 17	1 9	13 59	0 20	21 57	1 16	6 7	0 45	12 57	1 28	16 29	5 29	3 26	3 29	28 17	17 17	5 39
S 29	3 39	18 49	4 2	5 51	0 52	20 20	1 45	9 0	1 10	13 56	0 20	21 57	1 16	6 6	0 45	12 58	1 28	16 30	5 29	3 26	3 28	28 17	17 17	5 39
S 30	4 2	13 45	3 11	6 43	0 43	20 40	1 50	8 43	1 10	13 52	0 20	21 57	1 16	6 4	0 45	12 58	1 28	16 30	5 29	3 27	3 27	28 18	17 17	5 39
M31	4n26	7s59	2s10	7n35	0s33	21n 0	1n54	8s26	1s10	13s48	0s20	21n58	1s16	6s 3	0s45	12n59	1s28	16n30	5n29	3n27	3n25	28s18	17n18	5s39

Julian Day Number = 3065577.5, Delta T = 02h33m47s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'35, Lahiri = 47°25'36

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

APRIL 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 42 52	12♈17'54	27♓58	22♈48	27♉24	11♓51	23♒55	0♋21	16♓22	9♉ 3	29°R59	8♈46	8♈40	29♐11	21♊ 8	T 1
W 2	12 46 48	13°18'01	11♈36	24°42	28°30	12°37	24° 7	0°25	16°25	9° 5	29♎58	8°R46	8°36	29°18	21°10	W 2
T 3	12 50 45	14°18'05	25°31	26°34	29°35	13°24	24°18	0°28	16°28	9° 7	29°57	8°46	8°33	29°25	21°12	T 3
F 4	12 54 41	15°18'08	9♉40	28°25	0♊40	14°10	24°29	0°32	16°31	9°10	29°56	8°45	8°30	29°32	21°15	F 4
S 5	12 58 38	16°18'10	23°59	0♉13	1°45	14°56	24°41	0°36	16°34	9°12	29°55	8°44	8°27	29°38	21°18	S 5
S 6	13 2 34	17°18'09	8♊22	1°59	2°49	15°43	24°52	0°39	16°38	9°14	29°54	8°43	8°24	29°45	21°20	S 6
M 7	13 6 31	18°18'06	22°45	3°42	3°54	16°29	25° 3	0°43	16°41	9°16	29°53	8°42	8°20	29°52	21°23	M 7
T 8	13 10 27	19°18'01	7♋ 5	5°22	4°58	17°16	25°14	0°47	16°44	9°18	29°52	8°42	8°17	29°58	21°26	T 8
W 9	13 14 24	20°17'54	21°17	6°57	6° 1	18° 2	25°24	0°51	16°47	9°20	29°52	8°D41	8°14	0♑ 5	21°29	W 9
T 10	13 18 21	21°17'45	5♌19	8°29	7° 5	18°49	25°35	0°55	16°50	9°23	29°51	8°42	8°11	0°12	21°31	T 10
F 11	13 22 17	22°17'33	19°11	9°55	8° 8	19°35	25°46	1° 0	16°53	9°25	29°50	8°43	8° 8	0°19	21°34	F 11
S 12	13 26 14	23°17'20	2♍52	11°15	9°10	20°22	25°56	1° 4	16°56	9°27	29°49	8°44	8° 5	0°25	21°37	S 12
S 13	13 30 10	24°17'04	16°20	12°30	10°13	21° 8	26° 6	1° 9	16°59	9°29	29°49	8°45	8° 1	0°32	21°40	S 13
M14	13 34 7	25°16'46	29°35	13°39	11°15	21°55	26°17	1°13	17° 2	9°31	29°48	8°46	7°58	0°39	21°43	M14
T 15	13 38 3	26°16'26	12♎38	14°41	12°16	22°41	26°27	1°18	17° 5	9°34	29°47	8°R46	7°55	0°46	21°47	T 15
W16	13 42 0	27°16'04	25°28	15°36	13°17	23°28	26°37	1°22	17° 8	9°36	29°47	8°45	7°52	0°52	21°50	W16
T 17	13 45 56	28°15'40	8♏ 5	16°23	14°18	24°14	26°47	1°27	17°10	9°38	29°46	8°43	7°49	0°59	21°53	T 17
F 18	13 49 53	29°15'14	20°30	17° 4	15°19	25° 1	26°57	1°32	17°13	9°40	29°45	8°41	7°45	1° 6	21°56	F 18
S 19	13 53 50	0♑14'47	2♐43	17°36	16°19	25°47	27° 7	1°37	17°16	9°42	29°45	8°37	7°42	1°12	22° 0	S 19
S 20	13 57 46	1°14'18	14°47	18° 1	17°18	26°34	27°16	1°42	17°19	9°45	29°44	8°34	7°39	1°19	22° 3	S 20
M21	14 1 43	2°13'47	26°44	18°18	18°17	27°21	27°26	1°47	17°21	9°47	29°44	8°30	7°36	1°26	22° 7	M21
T 22	14 5 39	3°13'14	8♑37	18°27	19°16	28° 7	27°35	1°52	17°24	9°49	29°43	8°27	7°33	1°33	22°10	T 22
W23	14 9 36	4°12'40	20°30	18°R29	20°14	28°54	27°44	1°57	17°27	9°52	29°43	8°25	7°30	1°39	22°14	W23
T 24	14 13 32	5°12'04	2♒27	18°23	21°12	29°40	27°54	2° 3	17°29	9°54	29°42	8°D24	7°26	1°46	22°17	T 24
F 25	14 17 29	6°11'26	14°33	18°11	22° 9	0♈27	28° 3	2° 8	17°32	9°56	29°42	8°24	7°23	1°53	22°21	F 25
S 26	14 21 25	7°10'46	26°53	17°51	23° 6	1°14	28°11	2°13	17°35	9°58	29°42	8°25	7°20	1°59	22°24	S 26
S 27	14 25 22	8°10'05	9♓31	17°26	24° 2	2° 0	28°20	2°19	17°37	10° 1	29°41	8°27	7°17	2° 6	22°28	S 27
M28	14 29 19	9° 9'22	22°30	16°55	24°58	2°47	28°29	2°24	17°40	10° 3	29°41	8°29	7°14	2°13	22°32	M28
T 29	14 33 15	10° 8'37	5♈55	16°19	25°53	3°34	28°37	2°30	17°42	10° 5	29°40	8°R29	7°11	2°20	22°36	T 29
W30	14 37 12	11♉ 7'51	19♈44	15♉39	26♊47	4♈20	28♒46	2♋36	17♓45	10♉ 7	29♎40	8♈29	7♈ 7	2♑26	22♊40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n49	1s43	1s 0	8n27	0s22	21n20	1n59	8s 9	1s10	13s45	0s20	21n58	1s16	6s 2	0s45	13n 0	1s28	16n31	5n29	3n27	3n24	28s18	17n18	5s38
W 2	5 12	4n47	0n16	9 18	0 12	21 39	2 3	7 51	1 11	13 41	0 20	21 58	1 15	6 1	0 45	13 0	1 28	16 31	5 29	3 27	3 23	28 18	17 19	5 38
T 3	5 35	11 12	1 32	10 9	0 0	21 58	2 8	7 34	1 11	13 37	0 20	21 58	1 15	5 59	0 45	13 1	1 28	16 31	5 29	3 27	3 22	28 18	17 19	5 38
F 4	5 58	17 9	2 43	11 0	0n11	22 16	2 12	7 16	1 11	13 34	0 21	21 58	1 15	5 58	0 45	13 2	1 28	16 32	5 29	3 26	3 20	28 18	17 20	5 37
S 5	6 21	22 14	3 45	11 49	0 23	22 34	2 17	6 59	1 11	13 30	0 21	21 59	1 15	5 57	0 45	13 2	1 28	16 32	5 29	3 26	3 19	28 19	17 20	5 37
S 6	6 44	26 0	4 33	12 37	0 36	22 51	2 21	6 41	1 12	13 27	0 21	21 59	1 15	5 56	0 45	13 3	1 28	16 32	5 29	3 26	3 18	28 19	17 21	5 37
M 7	7 7	28 6	5 4	13 24	0 48	23 8	2 26	6 23	1 12	13 23	0 21	21 59	1 14	5 55	0 45	13 4	1 28	16 32	5 29	3 25	3 17	28 19	17 21	5 37
T 8	7 29	28 18	5 16	14 9	1 1	23 24	2 30	6 6	1 12	13 20	0 21	21 59	1 14	5 53	0 45	13 4	1 28	16 33	5 29	3 25	3 16	28 19	17 21	5 36
W 9	7 52	26 39	5 9	14 52	1 13	23 40	2 35	5 48	1 12	13 16	0 21	21 59	1 14	5 52	0 45	13 5	1 28	16 33	5 29	3 25	3 14	28 19	17 22	5 36
T 10	8 14	23 21	4 43	15 34	1 26	23 55	2 39	5 30	1 12	13 13	0 21	22 0	1 14	5 51	0 45	13 6	1 28	16 33	5 29	3 25	3 13	28 19	17 22	5 36
F 11	8 36	18 45	4 1	16 13	1 38	24 9	2 43	5 12	1 12	13 9	0 21	22 0	1 14	5 50	0 45	13 7	1 28	16 33	5 29	3 25	3 12	28 19	17 23	5 36
S 12	8 58	13 15	3 6	16 49	1 50	24 24	2 48	4 54	1 13	13 6	0 22	22 0	1 13	5 49	0 45	13 7	1 28	16 34	5 29	3 26	3 11	28 19	17 23	5 35
S 13	9 20	7 12	2 1	17 23	2 2	24 37	2 52	4 36	1 13	13 3	0 22	22 0	1 13	5 48	0 45	13 8	1 28	16 34	5 28	3 26	3 9	28 20	17 24	5 35
M14	9 42	0 56	0 50	17 55	2 13	24 50	2 56	4 18	1 13	12 59	0 22	22 0	1 13	5 47	0 45	13 9	1 28	16 34	5 28	3 27	3 8	28 20	17 24	5 35
T 15	10 3	5s17	0s21	18 23	2 23	25 3	3 0	4 0	1 13	12 56	0 22	22 0	1 13	5 46	0 45	13 9	1 28	16 34	5 28	3 27	3 7	28 20	17 24	5 35
W16	10 25	11 10	1 31	18 48	2 33	25 14	3 4	3 42	1 13	12 53	0 22	22 1	1 13	5 44	0 46	13 10	1 28	16 34	5 28	3 26	3 6	28 20	17 25	5 34
T 17	10 46	16 31	2 35	19 11	2 42	25 26	3 8	3 24	1 13	12 50	0 22	22 1	1 12	5 43	0 46	13 11	1 28	16 35	5 28	3 26	3 4	28 20	17 25	5 34
F 18	11 7	21 5	3 30	19 30	2 50	25 37	3 12	3 5	1 14	12 46	0 22	22 1	1 12	5 42	0 46	13 11	1 28	16 35	5 28	3 25	3 3	28 20	17 26	5 34
S 19	11 27	24 41	4 15	19 45	2 57	25 47	3 16	2 47	1 14	12 43	0 23	22 1	1 12	5 41	0 46	13 12	1 28	16 35	5 28	3 23	3 2	28 20	17 26	5 34
S 20	11 48	27 7	4 47	19 58	3 2	25 57	3 20	2 29	1 14	12 40	0 23	22 1	1 12	5 40	0 46	13 13	1 28	16 35	5 28	3 22	3 1	28 20	17 27	5 33
M21	12 8	28 18	5 7	20 7	3 7	26 6	3 24	2 11	1 14	12 37	0 23	22 1	1 12	5 39	0 46	13 14	1 28	16 35	5 28	3 20	2 59	28 20	17 27	5 33
T 22	12 29	28 10	5 14	20 12	3 9	26 15	3 28	1 52	1 14	12 34	0 23	22 1	1 11	5 38	0 46	13 14	1 28	16 35	5 28	3 19	2 58	28 20	17 27	5 33
W23	12 49	26 44	5 7	20 14	3 11	26 23	3 31	1 34	1 14	12 31	0 23	22 1	1 11	5 37	0 46	13 15	1 28	16 35	5 28	3 18	2 57	28 20	17 28	5 33
T 24	13 8	24 5	4 47	20 12	3 11	26 30	3 35	1 16	1 14	12 28	0 23	22 1	1 11	5 36	0 46	13 16	1 28	16 35	5 28	3 18	2 56	28 20	17 28	5 32
F 25	13 28	20 22	4 14	20 7	3 9	26 37	3 38	0 57	1 14	12 25	0 24	22 2	1 11	5 35	0 46	13 16	1 28	16 36	5 28	3 18	2 54	28 20	17 29	5 32
S 26	13 47	15 42	3 28	19 58	3 6	26 44	3 41	0 39	1 14	12 22	0 24	22 2	1 11	5 34	0 46	13 17	1 28	16 36	5 28	3 19	2 53	28 20	17 29	5 32
S 27	14 6	10 17	2 32	19 46	3 1	26 50	3 45	0 21	1 14	12 19	0 24	22 2	1 11	5 33	0 46	13 18	1 28	16 36	5 28	3 19	2 52	28 20	17 29	5 32
M28	14 25	4 16	1 26	19 31	2 54	26 55	3 48	0 3	1 14	12 16	0 24	22 2	1 10	5 32	0 46	13 19	1 28	16 36	5 28	3 20	2 51	28 20	17 30	5 32
T 29	14 44	2n 7	0 14	19 13	2 46	27 0	3 51	0n16	1 14	12 14	0 24	22 2	1 10	5 31	0 46	13 19	1 28	16 36	5 28	3 20	2 49	28 20	17 30	5 32
W30	15n 2	8n36	1n 1	18n52	2n36	27n 5	3n54	0n34	1s14	12s11	0s24	22n 2	1s10	5s31	0s46	13n20	1s28	16n36	5n27	3n20	2n48	28s20	17n31	5s31

Julian Day Number = 3065608.5, Delta T = 02h33m48s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'40, Lahiri = 47°25'40

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

MAY 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 41 8	12♉ 7'02	3♉58	14°R56	27♊41	5♈ 7	28♒54	2♋42	17♓47	10♉10	29°R40	8°R27	7♈ 4	2♑33	22♊43	T 1
F 2	14 45 5	13° 6'12	18°31	14♉11	28°34	5°53	29° 2	2°48	17°49	10°12	29♌40	8♈23	7° 1	2°40	22°47	F 2
S 3	14 49 1	14° 5'20	3♊17	13°24	29°27	6°40	29°10	2°53	17°52	10°14	29°39	8°18	6°58	2°47	22°51	S 3
S 4	14 52 58	15° 4'26	18° 9	12°37	0♋19	7°27	29°18	2°59	17°54	10°17	29°39	8°13	6°55	2°53	22°55	S 4
M 5	14 56 54	16° 3'30	2♋57	11°51	1°10	8°13	29°26	3° 6	17°56	10°19	29°39	8° 8	6°51	3° 0	22°59	M 5
T 6	15 0 51	17° 2'31	17°36	11° 5	2° 1	9° 0	29°33	3°12	17°58	10°21	29°39	8° 3	6°48	3° 7	23° 4	T 6
W 7	15 4 48	18° 1'31	1♌59	10°22	2°51	9°47	29°41	3°18	18° 0	10°23	29°39	8° 0	6°45	3°13	23° 8	W 7
T 8	15 8 44	19° 0'28	16° 3	9°42	3°40	10°33	29°48	3°24	18° 3	10°26	29°39	7°D59	6°42	3°20	23°12	T 8
F 9	15 12 41	19°59'23	29°48	9° 5	4°28	11°20	29°55	3°30	18° 5	10°28	29°39	8° 0	6°39	3°27	23°16	F 9
S 10	15 16 37	20°58'15	13♍14	8°32	5°15	12° 6	0♓ 2	3°37	18° 7	10°30	29°39	8° 1	6°36	3°34	23°20	S 10
S 11	15 20 34	21°57'05	26°24	8° 3	6° 1	12°53	0° 9	3°43	18° 9	10°32	29°D39	8° 2	6°32	3°40	23°24	S 11
M12	15 24 30	22°55'53	9♎18	7°39	6°47	13°40	0°16	3°50	18°11	10°35	29°39	8°R 3	6°29	3°47	23°29	M12
T 13	15 28 27	23°54'39	22° 0	7°20	7°32	14°26	0°22	3°56	18°12	10°37	29°39	8° 2	6°26	3°54	23°33	T 13
W14	15 32 23	24°53'24	4♏31	7° 6	8°15	15°13	0°29	4° 3	18°14	10°39	29°39	7°58	6°23	4° 0	23°37	W14
T 15	15 36 20	25°52'06	16°52	6°58	8°58	15°59	0°35	4° 9	18°16	10°41	29°39	7°53	6°20	4° 7	23°42	T 15
F 16	15 40 17	26°50'46	29° 4	6°D54	9°39	16°46	0°41	4°16	18°18	10°43	29°39	7°46	6°17	4°14	23°46	F 16
S 17	15 44 13	27°49'24	11♐10	6°55	10°19	17°32	0°47	4°23	18°20	10°46	29°39	7°37	6°13	4°21	23°51	S 17
S 18	15 48 10	28°48'01	23° 9	7° 2	10°59	18°19	0°53	4°29	18°21	10°48	29°39	7°27	6°10	4°27	23°55	S 18
M19	15 52 6	29°46'36	5♑ 3	7°13	11°36	19° 5	0°58	4°36	18°23	10°50	29°39	7°17	6° 7	4°34	23°59	M19
T 20	15 56 3	0♊45'09	16°56	7°29	12°13	19°52	1° 4	4°43	18°25	10°52	29°40	7° 8	6° 4	4°41	24° 4	T 20
W21	15 59 59	1°43'40	28°48	7°50	12°49	20°38	1° 9	4°50	18°26	10°54	29°40	7° 1	6° 1	4°48	24° 8	W21
T 22	16 3 56	2°42'10	10♒44	8°15	13°23	21°25	1°14	4°57	18°28	10°56	29°40	6°57	5°57	4°54	24°13	T 22
F 23	16 7 52	3°40'39	22°48	8°45	13°56	22°11	1°19	5° 4	18°29	10°59	29°41	6°54	5°54	5° 1	24°18	F 23
S 24	16 11 49	4°39'06	5♓ 5	9°18	14°27	22°58	1°24	5°11	18°31	11° 1	29°41	6°D53	5°51	5° 8	24°22	S 24
S 25	16 15 46	5°37'31	17°38	9°56	14°57	23°44	1°29	5°18	18°32	11° 3	29°41	6°54	5°48	5°14	24°27	S 25
M26	16 19 42	6°35'55	0♈34	10°37	15°25	24°30	1°33	5°25	18°33	11° 5	29°42	6°R54	5°45	5°21	24°31	M26
T 27	16 23 39	7°34'17	13°56	11°22	15°52	25°17	1°37	5°32	18°35	11° 7	29°42	6°54	5°42	5°28	24°36	T 27
W28	16 27 35	8°32'38	27°46	12°11	16°17	26° 3	1°42	5°39	18°36	11° 9	29°42	6°53	5°38	5°35	24°41	W28
T 29	16 31 32	9°30'57	12♉ 5	13° 3	16°40	26°49	1°46	5°46	18°37	11°11	29°43	6°48	5°35	5°41	24°45	T 29
F 30	16 35 28	10°29'15	26°49	13°58	17° 2	27°36	1°49	5°54	18°38	11°13	29°43	6°42	5°32	5°48	24°50	F 30
S 31	16 39 25	11♊27'31	11♊51	14♉56	17♋21	28♈22	1♓53	6♋ 1	18♓39	11♉15	29♌44	6♈33	5♈29	5♑55	24♊55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n20	14n50	2n14	18n29	2n25	27n 9	3n56	0n52	1s14	12s 8	0s25	22n 2	1s10	5s30	0s46	13n21	1s28	16n36	5n27	3n19	2n47	28s20	17n31	5s31
F 2	15 38	20 24	3 21	18 3	2 12	27 12	3 59	1 11	1 14	12 6	0 25	22 2	1 10	5 29	0 46	13 21	1 28	16 36	5 27	3 18	2 46	28 20	17 31	5 31
S 3	15 56	24 47	4 15	17 36	1 58	27 15	4 2	1 29	1 14	12 3	0 25	22 2	1 10	5 28	0 46	13 22	1 28	16 36	5 27	3 16	2 44	28 20	17 32	5 31
S 4	16 13	27 32	4 52	17 8	1 44	27 18	4 4	1 47	1 14	12 0	0 25	22 2	1 9	5 27	0 46	13 23	1 28	16 36	5 27	3 14	2 43	28 20	17 32	5 31
M 5	16 30	28 20	5 9	16 39	1 28	27 19	4 6	2 6	1 14	11 58	0 25	22 2	1 9	5 26	0 46	13 23	1 28	16 36	5 27	3 12	2 42	28 19	17 32	5 30
T 6	16 46	27 8	5 6	16 9	1 12	27 21	4 8	2 24	1 14	11 55	0 25	22 2	1 9	5 25	0 46	13 24	1 28	16 36	5 27	3 10	2 41	28 19	17 33	5 30
W 7	17 3	24 9	4 44	15 40	0 55	27 22	4 10	2 42	1 14	11 53	0 26	22 2	1 9	5 25	0 46	13 25	1 28	16 36	5 27	3 9	2 39	28 19	17 33	5 30
T 8	17 19	19 46	4 5	15 11	0 38	27 23	4 12	3 0	1 14	11 51	0 26	22 2	1 9	5 24	0 46	13 25	1 28	16 36	5 27	3 8	2 38	28 19	17 34	5 30
F 9	17 35	14 26	3 12	14 44	0 21	27 23	4 14	3 18	1 14	11 48	0 26	22 2	1 9	5 23	0 46	13 26	1 28	16 36	5 27	3 9	2 37	28 19	17 34	5 30
S 10	17 50	8 32	2 10	14 17	0 4	27 22	4 15	3 36	1 14	11 46	0 26	22 2	1 8	5 22	0 46	13 27	1 28	16 36	5 27	3 9	2 36	28 19	17 34	5 30
S 11	18 6	2 23	1 3	13 52	0s13	27 22	4 17	3 54	1 14	11 44	0 26	22 2	1 8	5 22	0 46	13 28	1 28	16 36	5 27	3 10	2 34	28 19	17 35	5 30
M12	18 20	3s46	0s 7	13 29	0 29	27 21	4 18	4 12	1 14	11 42	0 26	22 2	1 8	5 21	0 46	13 28	1 28	16 36	5 27	3 10	2 33	28 19	17 35	5 30
T 13	18 35	9 39	1 15	13 8	0 45	27 19	4 19	4 30	1 14	11 39	0 27	22 2	1 8	5 20	0 46	13 29	1 28	16 35	5 26	3 9	2 32	28 18	17 35	5 29
W14	18 49	15 4	2 18	12 49	1 0	27 17	4 19	4 48	1 14	11 37	0 27	22 2	1 8	5 19	0 46	13 30	1 28	16 35	5 26	3 8	2 31	28 18	17 35	5 29
T 15	19 3	19 49	3 13	12 33	1 14	27 15	4 20	5 6	1 14	11 35	0 27	22 2	1 8	5 19	0 46	13 30	1 28	16 35	5 26	3 6	2 29	28 18	17 36	5 29
F 16	19 17	23 40	3 59	12 19	1 28	27 12	4 20	5 24	1 14	11 33	0 27	22 2	1 8	5 18	0 46	13 31	1 28	16 35	5 26	3 3	2 28	28 18	17 36	5 29
S 17	19 30	26 26	4 34	12 7	1 41	27 9	4 20	5 41	1 14	11 31	0 27	22 2	1 7	5 17	0 47	13 32	1 28	16 35	5 26	3 0	2 27	28 18	17 36	5 29
S 18	19 43	27 59	4 56	11 57	1 53	27 6	4 20	5 59	1 13	11 30	0 28	22 2	1 7	5 17	0 47	13 32	1 28	16 35	5 26	2 56	2 26	28 17	17 37	5 29
M19	19 55	28 13	5 5	11 50	2 4	27 2	4 20	6 17	1 13	11 28	0 28	22 2	1 7	5 16	0 47	13 33	1 28	16 35	5 26	2 52	2 24	28 17	17 37	5 29
T 20	20 8	27 8	5 1	11 45	2 15	26 58	4 19	6 34	1 13	11 26	0 28	22 2	1 7	5 16	0 47	13 33	1 28	16 35	5 26	2 49	2 23	28 17	17 37	5 29
W21	20 19	24 51	4 44	11 43	2 24	26 54	4 19	6 52	1 13	11 24	0 28	22 1	1 7	5 15	0 47	13 34	1 28	16 34	5 26	2 46	2 22	28 17	17 37	5 29
T 22	20 31	21 28	4 14	11 43	2 33	26 50	4 17	7 9	1 13	11 23	0 28	22 1	1 7	5 14	0 47	13 35	1 28	16 34	5 26	2 44	2 21	28 17	17 38	5 29
F 23	20 42	17 9	3 33	11 44	2 41	26 45	4 16	7 26	1 13	11 21	0 28	22 1	1 7	5 14	0 47	13 35	1 28	16 34	5 26	2 43	2 20	28 16	17 38	5 29
S 24	20 53	12 4	2 42	11 48	2 48	26 40	4 14	7 43	1 13	11 20	0 29	22 1	1 6	5 13	0 47	13 36	1 28	16 34	5 26	2 43	2 18	28 16	17 38	5 28
S 25	21 3	6 24	1 41	11 54	2 55	26 35	4 13	8 1	1 12	11 18	0 29	22 1	1 6	5 13	0 47	13 37	1 28	16 34	5 26	2 43	2 17	28 16	17 38	5 28
M26	21 13	0 18	0 34	12 1	3 0	26 29	4 10	8 18	1 12	11 17	0 29	22 1	1 6	5 12	0 47	13 37	1 28	16 33	5 25	2 43	2 16	28 16	17 39	5 28
T 27	21 23	6n 1	0n37	12 11	3 5	26 24	4 8	8 35	1 12	11 15	0 29	22 1	1 6	5 12	0 47	13 38	1 28	16 33	5 25	2 43	2 15	28 15	17 39	5 28
W28	21 32	12 17	1 49	12 21	3 9	26 18	4 5	8 51	1 12	11 14	0 29	22 0	1 6	5 12	0 47	13 39	1 28	16 33	5 25	2 42	2 13	28 15	17 39	5 28
T 29	21 41	18 7	2 56	12 34	3 12	26 12	4 2	9 8	1 12	11 13	0 30	22 0	1 6	5 11	0 47	13 39	1 28	16 33	5 25	2 41	2 12	28 15	17 39	5 28
F 30	21 49	23 3	3 53	12 48	3 14	26 5	3 58	9 25	1 11	11 12	0 30	22 0	1 6	5 11	0 47	13 40	1 28	16 33	5 25	2 38	2 11	28 14	17 40	5 28
S 31	21n57	26n33	4n35	13n 3	3s16	25n59	3n54	9n41	1s11	11s11	0s30	22n 0	1s 6	5s10	0s47	13n40	1s28	16n32	5n25	2n35	2n10	28s14	17n40	5s28

Julian Day Number = 3065638.5, Delta T = 02h33m49s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'44, Lahiri = 47°25'44

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

JUNE 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 43 21	12♊25'46	27♊ 3	15♉57	17♋39	29♈ 8	1♓56	6♋ 8	18♓40	11♉17	29♘44	6°R24	5♈26	6♎ 2	25♊ 0	S 1
M 2	16 47 18	13°23'59	12♋14	17° 1	17°55	29°54	1°59	6°15	18°41	11°19	29°45	6♈14	5°23	6° 8	25° 4	M 2
T 3	16 51 15	14°22'10	27°13	18° 8	18° 9	0♉41	2° 3	6°23	18°42	11°21	29°46	6° 6	5°19	6°15	25° 9	T 3
W 4	16 55 11	15°20'20	11♘52	19°17	18°21	1°27	2° 5	6°30	18°43	11°23	29°46	6° 0	5°16	6°22	25°14	W 4
T 5	16 59 8	16°18'27	26° 7	20°29	18°30	2°13	2° 8	6°38	18°44	11°25	29°47	5°56	5°13	6°28	25°19	T 5
F 6	17 3 4	17°16'33	9♍56	21°44	18°38	2°59	2°11	6°45	18°45	11°27	29°48	5°54	5°10	6°35	25°23	F 6
S 7	17 7 1	18°14'36	23°20	23° 1	18°43	3°45	2°13	6°52	18°45	11°29	29°48	5°D54	5° 7	6°42	25°28	S 7
S 8	17 10 57	19°12'38	6♎22	24°20	18°46	4°31	2°15	7° 0	18°46	11°31	29°49	5°R54	5° 3	6°49	25°33	S 8
M 9	17 14 54	20°10'38	19° 5	25°42	18°R46	5°17	2°17	7° 7	18°47	11°33	29°50	5°54	5° 0	6°55	25°38	M 9
T 10	17 18 51	21° 8'36	1♏34	27° 6	18°44	6° 3	2°19	7°15	18°47	11°35	29°50	5°51	4°57	7° 2	25°43	T 10
W11	17 22 47	22° 6'33	13°51	28°33	18°40	6°49	2°20	7°23	18°48	11°37	29°51	5°46	4°54	7° 9	25°47	W11
T 12	17 26 44	23° 4'28	26° 0	0♊ 1	18°33	7°35	2°22	7°30	18°49	11°38	29°52	5°38	4°51	7°15	25°52	T 12
F 13	17 30 40	24° 2'22	8♐ 2	1°32	18°24	8°21	2°23	7°38	18°49	11°40	29°53	5°28	4°48	7°22	25°57	F 13
S 14	17 34 37	25° 0'14	20° 0	3° 6	18°12	9° 7	2°24	7°45	18°49	11°42	29°54	5°15	4°44	7°29	26° 2	S 14
S 15	17 38 33	25°58'05	1♑55	4°41	17°58	9°53	2°24	7°53	18°50	11°44	29°55	5° 1	4°41	7°36	26° 7	S 15
M16	17 42 30	26°55'54	13°48	6°19	17°42	10°38	2°25	8° 1	18°50	11°45	29°55	4°48	4°38	7°42	26°12	M16
T 17	17 46 26	27°53'42	25°40	7°59	17°23	11°24	2°26	8° 8	18°50	11°47	29°56	4°35	4°35	7°49	26°16	T 17
W18	17 50 23	28°51'29	7♒34	9°41	17° 2	12°10	2°26	8°16	18°51	11°49	29°57	4°25	4°32	7°56	26°21	W18
T 19	17 54 20	29°49'15	19°32	11°25	16°38	12°55	2°R26	8°24	18°51	11°51	29°58	4°17	4°29	8° 3	26°26	T 19
F 20	17 58 16	0♋46'59	1♓37	13°12	16°13	13°41	2°26	8°31	18°51	11°52	29°59	4°12	4°25	8° 9	26°31	F 20
S 21	18 2 13	1°44'43	13°53	15° 1	15°45	14°27	2°25	8°39	18°51	11°54	0♍ 0	4° 9	4°22	8°16	26°36	S 21
S 22	18 6 9	2°42'26	26°25	16°52	15°16	15°12	2°25	8°47	18°R51	11°55	0° 1	4° 9	4°19	8°23	26°40	S 22
M23	18 10 6	3°40'07	9♈17	18°45	14°45	15°58	2°24	8°54	18°51	11°57	0° 2	4° 9	4°16	8°29	26°45	M23
T 24	18 14 2	4°37'48	22°33	20°41	14°12	16°43	2°23	9° 2	18°51	11°59	0° 3	4° 8	4°13	8°36	26°50	T 24
W25	18 17 59	5°35'28	6♉17	22°38	13°38	17°29	2°22	9°10	18°51	12° 0	0° 5	4° 6	4° 9	8°43	26°55	W25
T 26	18 21 55	6°33'07	20°29	24°38	13° 3	18°14	2°21	9°18	18°50	12° 2	0° 6	4° 1	4° 6	8°50	27° 0	T 26
F 27	18 25 52	7°30'46	5♊10	26°39	12°27	18°59	2°19	9°25	18°50	12° 3	0° 7	3°54	4° 3	8°56	27° 5	F 27
S 28	18 29 49	8°28'24	20°12	28°43	11°51	19°45	2°18	9°33	18°50	12° 5	0° 8	3°45	4° 0	9° 3	27° 9	S 28
S 29	18 33 45	9°26'00	5♋29	0♋48	11°13	20°30	2°16	9°41	18°50	12° 6	0° 9	3°34	3°57	9°10	27°14	S 29
M30	18 37 42	10♋23'36	20♋48	2♋55	10♋36	21♉15	2♓14	9♋48	18♓49	12♉ 7	0♍10	3♈23	3♈54	9♎17	27♊19	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	28n10	4n59	13n19	3s17	25n52	3n50	9n58	1s11	11s10	0s30	22n 0	1s 5	5s10	0s47	13n41	1s28	16n32	5n25	2n31	2n 8	28s14	17n40	5s28
M 2	22 12	27 40	5 1	13 36	3 17	25 45	3 45	10 14	1 11	11 9	0 30	21 59	1 5	5 10	0 47	13 41	1 28	16 32	5 25	2 27	2 7	28 13	17 40	5 28
T 3	22 19	25 9	4 42	13 55	3 17	25 38	3 40	10 30	1 10	11 8	0 31	21 59	1 5	5 9	0 47	13 42	1 28	16 32	5 25	2 24	2 6	28 13	17 40	5 28
W 4	22 26	21 1	4 6	14 15	3 16	25 31	3 34	10 47	1 10	11 7	0 31	21 59	1 5	5 9	0 47	13 43	1 28	16 31	5 25	2 22	2 5	28 13	17 40	5 28
T 5	22 32	15 45	3 15	14 35	3 14	25 24	3 28	11 3	1 10	11 6	0 31	21 59	1 5	5 9	0 47	13 43	1 28	16 31	5 25	2 20	2 3	28 12	17 41	5 28
F 6	22 37	9 50	2 13	14 56	3 12	25 17	3 22	11 18	1 9	11 6	0 31	21 58	1 5	5 8	0 47	13 44	1 28	16 31	5 25	2 20	2 2	28 12	17 41	5 28
S 7	22 43	3 38	1 6	15 18	3 9	25 9	3 15	11 34	1 9	11 5	0 31	21 58	1 5	5 8	0 47	13 44	1 28	16 30	5 25	2 19	2 1	28 12	17 41	5 28
S 8	22 48	2s33	0s 2	15 41	3 6	25 2	3 8	11 50	1 9	11 4	0 32	21 58	1 5	5 8	0 47	13 45	1 28	16 30	5 25	2 20	2 0	28 11	17 41	5 28
M 9	22 52	8 29	1 9	16 4	3 2	24 54	3 0	12 5	1 8	11 4	0 32	21 58	1 5	5 8	0 47	13 45	1 29	16 30	5 24	2 19	1 58	28 11	17 41	5 28
T 10	22 56	13 58	2 11	16 27	2 57	24 46	2 52	12 21	1 8	11 4	0 32	21 57	1 4	5 8	0 47	13 46	1 29	16 29	5 24	2 18	1 57	28 11	17 41	5 28
W11	23 0	18 49	3 6	16 51	2 52	24 38	2 43	12 36	1 8	11 3	0 32	21 57	1 4	5 7	0 48	13 46	1 29	16 29	5 24	2 16	1 56	28 10	17 41	5 28
T 12	23 3	22 50	3 52	17 15	2 47	24 30	2 34	12 51	1 7	11 3	0 32	21 57	1 4	5 7	0 48	13 47	1 29	16 29	5 24	2 13	1 55	28 10	17 41	5 28
F 13	23 6	25 50	4 27	17 40	2 40	24 22	2 25	13 6	1 7	11 3	0 33	21 56	1 4	5 7	0 48	13 48	1 29	16 28	5 24	2 9	1 53	28 9	17 42	5 28
S 14	23 8	27 40	4 49	18 4	2 34	24 13	2 14	13 21	1 7	11 2	0 33	21 56	1 4	5 7	0 48	13 48	1 29	16 28	5 24	2 4	1 52	28 9	17 42	5 29
S 15	23 10	28 12	4 59	18 29	2 27	24 5	2 4	13 36	1 6	11 2	0 33	21 56	1 4	5 7	0 48	13 49	1 29	16 28	5 24	1 59	1 51	28 8	17 42	5 29
M16	23 11	27 25	4 56	18 53	2 19	23 56	1 53	13 50	1 6	11 2	0 33	21 55	1 4	5 7	0 48	13 49	1 29	16 27	5 24	1 53	1 50	28 8	17 42	5 29
T 17	23 13	25 24	4 40	19 17	2 11	23 47	1 41	14 5	1 6	11 2	0 34	21 55	1 4	5 7	0 48	13 49	1 29	16 27	5 24	1 48	1 48	28 8	17 42	5 29
W18	23 13	22 16	4 12	19 41	2 3	23 38	1 29	14 19	1 5	11 3	0 34	21 55	1 4	5 7	0 48	13 50	1 29	16 26	5 24	1 44	1 47	28 7	17 42	5 29
T 19	23 14	18 11	3 32	20 4	1 54	23 28	1 17	14 33	1 5	11 3	0 34	21 54	1 4	5 7	0 48	13 50	1 29	16 26	5 24	1 41	1 46	28 7	17 42	5 29
F 20	23 13	13 20	2 43	20 27	1 45	23 19	1 4	14 47	1 4	11 3	0 34	21 54	1 4	5 7	0 48	13 51	1 29	16 26	5 24	1 39	1 45	28 6	17 42	5 29
S 21	23 13	7 54	1 45	20 49	1 35	23 9	0 51	15 1	1 4	11 3	0 34	21 53	1 3	5 7	0 48	13 51	1 29	16 25	5 24	1 38	1 43	28 6	17 42	5 29
S 22	23 12	2 2	0 41	21 10	1 25	22 59	0 38	15 14	1 3	11 4	0 35	21 53	1 3	5 7	0 48	13 52	1 29	16 25	5 24	1 38	1 42	28 5	17 42	5 29
M23	23 11	4n 4	0n27	21 31	1 15	22 49	0 24	15 28	1 3	11 4	0 35	21 53	1 3	5 7	0 48	13 52	1 29	16 24	5 24	1 38	1 41	28 5	17 42	5 29
T 24	23 9	10 11	1 36	21 50	1 5	22 39	0 10	15 41	1 3	11 5	0 35	21 52	1 3	5 7	0 48	13 53	1 29	16 24	5 24	1 38	1 40	28 4	17 42	5 29
W25	23 7	16 2	2 41	22 7	0 54	22 28	0s 4	15 54	1 2	11 5	0 35	21 52	1 3	5 7	0 48	13 53	1 29	16 24	5 24	1 37	1 38	28 4	17 42	5 30
T 26	23 4	21 13	3 39	22 24	0 43	22 18	0 18	16 7	1 2	11 6	0 35	21 51	1 3	5 7	0 48	13 53	1 29	16 23	5 24	1 35	1 37	28 3	17 42	5 30
F 27	23 1	25 18	4 24	22 39	0 32	22 7	0 32	16 20	1 1	11 7	0 36	21 51	1 3	5 7	0 48	13 54	1 29	16 23	5 23	1 32	1 36	28 3	17 42	5 30
S 28	22 57	27 43	4 52	22 52	0 22	21 56	0 47	16 32	1 1	11 7	0 36	21 50	1 3	5 7	0 48	13 54	1 29	16 22	5 23	1 29	1 35	28 2	17 42	5 30
S 29	22 54	28 7	5 0	23 3	0 11	21 45	1 1	16 45	1 0	11 8	0 36	21 50	1 3	5 7	0 48	13 55	1 29	16 22	5 23	1 24	1 33	28 1	17 42	5 30
M30	22n49	26n21	4n47	23n12	0n 0	21n33	1s15	16n57	1s 0	11s 9	0s36	21n49	1s 3	5s 8	0s48	13n55	1s29	16n21	5n23	1n20	1n32	28s 1	17n42	5s30

Julian Day Number = 3065669.5, Delta T = 02h33m50s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'48, Lahiri = 47°25'49

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

JULY 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 41 38	11♋21'11	5♌59	5♋ 3	9°R58	22♉ 0	2°R11	9♋56	18°R49	12♉ 9	0♍12	3°R14	3♈50	9♑23	27♊24	T 1
W 2	18 45 35	12°18'44	20°50	7°13	9♋21	22°45	2♓ 9	10° 4	18♓48	12°10	0°13	3♈ 7	3°47	9°30	27°28	W 2
T 3	18 49 31	13°16'17	5♍17	9°24	8°44	23°30	2° 6	10°12	18°48	12°11	0°14	3° 2	3°44	9°37	27°33	T 3
F 4	18 53 28	14°13'48	19°15	11°35	8° 8	24°15	2° 4	10°19	18°47	12°13	0°15	3° 0	3°41	9°43	27°38	F 4
S 5	18 57 25	15°11'18	2♎44	13°47	7°33	25° 0	2° 1	10°27	18°47	12°14	0°17	2°D59	3°38	9°50	27°42	S 5
S 6	19 1 21	16° 8'47	15°48	16° 0	6°59	25°45	1°58	10°35	18°46	12°15	0°18	2°R59	3°35	9°57	27°47	S 6
M 7	19 5 18	17° 6'14	28°30	18°12	6°26	26°30	1°54	10°43	18°45	12°16	0°19	2°59	3°31	10° 4	27°52	M 7
T 8	19 9 14	18° 3'41	10♏54	20°24	5°55	27°15	1°51	10°50	18°44	12°18	0°21	2°57	3°28	10°10	27°56	T 8
W 9	19 13 11	19° 1'07	23° 5	22°35	5°25	28° 0	1°47	10°58	18°44	12°19	0°22	2°53	3°25	10°17	28° 1	W 9
T 10	19 17 7	19°58'32	5♐ 7	24°46	4°57	28°44	1°43	11° 6	18°43	12°20	0°23	2°46	3°22	10°24	28° 6	T 10
F 11	19 21 4	20°55'56	17° 4	26°56	4°31	29°29	1°39	11°13	18°42	12°21	0°25	2°36	3°19	10°30	28°10	F 11
S 12	19 25 0	21°53'19	28°57	29° 4	4° 8	0♊13	1°35	11°21	18°41	12°22	0°26	2°25	3°15	10°37	28°15	S 12
S 13	19 28 57	22°50'41	10♑49	1♌11	3°46	0°58	1°31	11°29	18°40	12°23	0°28	2°12	3°12	10°44	28°19	S 13
M14	19 32 54	23°48'03	22°43	3°17	3°27	1°42	1°26	11°36	18°39	12°24	0°29	2° 0	3° 9	10°51	28°24	M14
T 15	19 36 50	24°45'24	4♒38	5°20	3°10	2°27	1°22	11°44	18°38	12°25	0°30	1°48	3° 6	10°57	28°28	T 15
W16	19 40 47	25°42'45	16°37	7°22	2°55	3°11	1°17	11°51	18°37	12°26	0°32	1°39	3° 3	11° 4	28°33	W16
T 17	19 44 43	26°40'05	28°42	9°22	2°43	3°55	1°12	11°59	18°36	12°27	0°33	1°32	3° 0	11°11	28°37	T 17
F 18	19 48 40	27°37'25	10♓54	11°20	2°33	4°39	1° 7	12° 7	18°34	12°28	0°35	1°27	2°56	11°18	28°42	F 18
S 19	19 52 36	28°34'44	23°16	13°15	2°26	5°23	1° 1	12°14	18°33	12°29	0°36	1°25	2°53	11°24	28°46	S 19
S 20	19 56 33	29°32'04	5♈52	15° 9	2°21	6° 8	0°56	12°22	18°32	12°30	0°38	1°D25	2°50	11°31	28°51	S 20
M21	20 0 29	0♌29'23	18°45	17° 0	2°18	6°52	0°50	12°29	18°31	12°30	0°39	1°26	2°47	11°38	28°55	M21
T 22	20 4 26	1°26'42	1♉59	18°50	2°D18	7°35	0°45	12°37	18°29	12°31	0°41	1°R26	2°44	11°44	28°59	T 22
W23	20 8 23	2°24'01	15°37	20°37	2°20	8°19	0°39	12°44	18°28	12°32	0°42	1°25	2°41	11°51	29° 3	W23
T 24	20 12 19	3°21'20	29°40	22°22	2°24	9° 3	0°33	12°52	18°26	12°33	0°44	1°22	2°37	11°58	29° 8	T 24
F 25	20 16 16	4°18'40	14♊ 8	24° 4	2°31	9°47	0°27	12°59	18°25	12°33	0°46	1°18	2°34	12° 5	29°12	F 25
S 26	20 20 12	5°15'59	28°58	25°45	2°40	10°31	0°20	13° 6	18°24	12°34	0°47	1°11	2°31	12°11	29°16	S 26
S 27	20 24 9	6°13'18	14♋ 3	27°23	2°50	11°14	0°14	13°14	18°22	12°34	0°49	1° 3	2°28	12°18	29°20	S 27
M28	20 28 5	7°10'37	29°14	28°59	3° 3	11°58	0° 8	13°21	18°20	12°35	0°50	0°55	2°25	12°25	29°24	M28
T 29	20 32 2	8° 7'56	14♌21	0♍33	3°18	12°41	0° 1	13°28	18°19	12°36	0°52	0°48	2°21	12°31	29°29	T 29
W30	20 35 59	9° 5'15	29°13	2° 4	3°35	13°25	29♒54	13°36	18°17	12°36	0°54	0°42	2°18	12°38	29°33	W30
T 31	20 39 55	10♌ 2'34	13♍44	3♍33	3♋54	14♊ 8	29♒48	13♋43	18♓15	12♉37	0♍55	0♈39	2♈15	12♑45	29♊37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	22n42	4n13	23n19	0n11	21n22	1s29	17n 9	0s59	11s10	0s37	21n49	1s 3	5s 8	0s48	13n55	1s29	16n21	5n23	1n16	1n31	28s 0	17n42	5s30
W 2	22 40	17 38	3 23	23 23	0 21	21 11	1 43	17 21	0 59	11 11	0 37	21 48	1 3	5 8	0 48	13 56	1 29	16 20	5 23	1 14	1 30	28 0	17 42	5 31
T 3	22 34	11 41	2 21	23 25	0 31	21 0	1 57	17 33	0 58	11 12	0 37	21 48	1 3	5 8	0 48	13 56	1 29	16 20	5 23	1 12	1 28	27 59	17 42	5 31
F 4	22 28	5 20	1 12	23 25	0 41	20 49	2 10	17 44	0 57	11 14	0 37	21 47	1 2	5 9	0 48	13 57	1 30	16 19	5 23	1 11	1 27	27 59	17 41	5 31
S 5	22 22	1s 3	0 1	23 21	0 51	20 38	2 23	17 56	0 57	11 15	0 37	21 47	1 2	5 9	0 48	13 57	1 30	16 19	5 23	1 11	1 26	27 58	17 41	5 31
S 6	22 16	7 12	1s 7	23 16	0 59	20 27	2 36	18 7	0 56	11 16	0 38	21 46	1 2	5 9	0 49	13 57	1 30	16 18	5 23	1 11	1 25	27 57	17 41	5 31
M 7	22 9	12 53	2 11	23 7	1 8	20 16	2 48	18 18	0 56	11 18	0 38	21 46	1 2	5 9	0 49	13 57	1 30	16 18	5 23	1 11	1 23	27 57	17 41	5 31
T 8	22 1	17 55	3 6	22 56	1 16	20 6	3 0	18 28	0 55	11 19	0 38	21 45	1 2	5 10	0 49	13 58	1 30	16 17	5 23	1 10	1 22	27 56	17 41	5 32
W 9	21 53	22 8	3 52	22 43	1 23	19 56	3 11	18 39	0 55	11 20	0 38	21 45	1 2	5 10	0 49	13 58	1 30	16 17	5 23	1 8	1 21	27 55	17 41	5 32
T 10	21 45	25 21	4 27	22 27	1 29	19 47	3 22	18 49	0 54	11 22	0 38	21 44	1 2	5 10	0 49	13 58	1 30	16 16	5 23	1 5	1 20	27 55	17 41	5 32
F 11	21 37	27 25	4 50	22 8	1 35	19 37	3 32	18 59	0 53	11 24	0 39	21 44	1 2	5 11	0 49	13 59	1 30	16 16	5 23	1 1	1 18	27 54	17 41	5 32
S 12	21 28	28 14	5 1	21 47	1 40	19 28	3 41	19 9	0 53	11 25	0 39	21 43	1 2	5 11	0 49	13 59	1 30	16 15	5 23	0 57	1 17	27 53	17 40	5 32
S 13	21 19	27 44	4 58	21 24	1 44	19 20	3 50	19 19	0 52	11 27	0 39	21 42	1 2	5 12	0 49	13 59	1 30	16 15	5 23	0 52	1 16	27 53	17 40	5 33
M14	21 9	25 58	4 42	20 59	1 47	19 12	3 59	19 29	0 52	11 29	0 39	21 42	1 2	5 12	0 49	13 59	1 30	16 14	5 23	0 47	1 15	27 52	17 40	5 33
T 15	20 59	23 2	4 14	20 33	1 50	19 5	4 7	19 38	0 51	11 31	0 39	21 41	1 2	5 13	0 49	14 0	1 30	16 14	5 23	0 43	1 13	27 51	17 40	5 33
W16	20 49	19 7	3 34	20 4	1 52	18 58	4 14	19 47	0 50	11 33	0 40	21 41	1 2	5 13	0 49	14 0	1 30	16 13	5 23	0 39	1 12	27 51	17 40	5 33
T 17	20 38	14 24	2 45	19 34	1 53	18 51	4 21	19 56	0 50	11 34	0 40	21 40	1 2	5 13	0 49	14 0	1 30	16 13	5 23	0 36	1 11	27 50	17 40	5 34
F 18	20 27	9 4	1 47	19 3	1 53	18 45	4 27	20 5	0 49	11 36	0 40	21 39	1 2	5 14	0 49	14 0	1 30	16 12	5 23	0 34	1 10	27 49	17 39	5 34
S 19	20 16	3 19	0 43	18 30	1 53	18 39	4 33	20 13	0 48	11 39	0 40	21 39	1 2	5 14	0 49	14 1	1 30	16 12	5 23	0 34	1 8	27 49	17 39	5 34
S 20	20 4	2n40	0n24	17 56	1 52	18 34	4 38	20 21	0 48	11 41	0 40	21 38	1 2	5 15	0 49	14 1	1 30	16 11	5 23	0 33	1 7	27 48	17 39	5 34
M21	19 52	8 41	1 31	17 21	1 50	18 30	4 43	20 29	0 47	11 43	0 41	21 37	1 1	5 16	0 49	14 1	1 30	16 11	5 23	0 34	1 6	27 47	17 39	5 35
T 22	19 40	14 30	2 36	16 45	1 48	18 25	4 47	20 37	0 46	11 45	0 41	21 37	1 1	5 16	0 49	14 1	1 30	16 10	5 23	0 34	1 5	27 46	17 38	5 35
W23	19 27	19 46	3 33	16 9	1 44	18 22	4 51	20 45	0 45	11 47	0 41	21 36	1 1	5 17	0 49	14 1	1 30	16 9	5 23	0 34	1 3	27 46	17 38	5 35
T 24	19 14	24 8	4 20	15 31	1 41	18 18	4 54	20 52	0 45	11 49	0 41	21 36	1 1	5 17	0 49	14 1	1 31	16 9	5 23	0 33	1 2	27 45	17 38	5 35
F 25	19 1	27 7	4 52	14 54	1 36	18 15	4 57	21 0	0 44	11 52	0 41	21 35	1 1	5 18	0 49	14 2	1 31	16 8	5 23	0 31	1 1	27 44	17 38	5 36
S 26	18 47	28 18	5 5	14 15	1 31	18 13	4 59	21 7	0 43	11 54	0 42	21 34	1 1	5 18	0 49	14 2	1 31	16 8	5 23	0 28	1 0	27 43	17 37	5 36
S 27	18 33	27 25	4 57	13 37	1 26	18 10	5 1	21 13	0 43	11 57	0 42	21 34	1 1	5 19	0 49	14 2	1 31	16 7	5 23	0 25	0 58	27 43	17 37	5 36
M28	18 19	24 31	4 29	12 58	1 19	18 8	5 3	21 20	0 42	11 59	0 42	21 33	1 1	5 20	0 49	14 2	1 31	16 7	5 23	0 22	0 57	27 42	17 37	5 37
T 29	18 4	19 55	3 42	12 19	1 13	18 7	5 4	21 26	0 41	12 1	0 42	21 32	1 1	5 20	0 49	14 2	1 31	16 6	5 23	0 19	0 56	27 41	17 37	5 37
W30	17 49	14 9	2 40	11 40	1 5	18 5	5 5	21 32	0 40	12 4	0 42	21 31	1 1	5 21	0 49	14 2	1 31	16 5	5 23	0 17	0 55	27 40	17 36	5 37
T 31	17n34	7n44	1n30	11n 1	0n58	18n 4	5s 6	21n38	0s39	12s 6	0s42	21n31	1s 1	5s22	0s49	14n 2	1s31	16n 5	5n23	0n15	0n53	27s39	17n36	5s38

Julian Day Number = 3065699.5, Delta T = 02h33m51s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'52, Lahiri = 47°25'53

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

AUGUST 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 43 52	10♌59'52	27♍47	5♍ 0	4♋14	14♊51	29°R41	13♋50	18°R14	12♉37	0♍57	0°D38	2♈12	12♎52	29♊41	F 1
S 2	20 47 48	11°57'10	11♎23	6°25	4°36	15°34	29♒34	13°57	18♓12	12°37	0°59	0♈38	2° 9	12°58	29°45	S 2
S 3	20 51 45	12°54'28	24°32	7°47	5° 0	16°17	29°27	14° 4	18°10	12°38	1° 0	0°39	2° 6	13° 5	29°48	S 3
M 4	20 55 41	13°51'45	7♏18	9° 7	5°26	17° 0	29°19	14°11	18° 8	12°38	1° 2	0°40	2° 2	13°12	29°52	M 4
T 5	20 59 38	14°49'03	19°44	10°25	5°53	17°43	29°12	14°18	18° 6	12°38	1° 4	0°R41	1°59	13°19	29°56	T 5
W 6	21 3 34	15°46'20	1♐55	11°40	6°21	18°26	29° 5	14°25	18° 5	12°39	1° 5	0°39	1°56	13°25	29°59	W 6
T 7	21 7 31	16°43'37	13°55	12°53	6°51	19° 9	28°57	14°32	18° 3	12°39	1° 7	0°36	1°53	13°32	0♋ 4	T 7
F 8	21 11 28	17°40'54	25°50	14° 2	7°23	19°51	28°50	14°39	18° 1	12°39	1° 9	0°31	1°50	13°39	0° 7	F 8
S 9	21 15 24	18°38'11	7♑42	15°10	7°56	20°34	28°43	14°46	17°59	12°39	1°10	0°24	1°47	13°45	0°11	S 9
S 10	21 19 21	19°35'28	19°35	16°14	8°30	21°17	28°35	14°53	17°57	12°40	1°12	0°17	1°43	13°52	0°15	S 10
M11	21 23 17	20°32'45	1♒31	17°16	9° 5	21°59	28°27	15° 0	17°55	12°40	1°14	0°10	1°40	13°59	0°18	M11
T 12	21 27 14	21°30'03	13°32	18°15	9°42	22°41	28°20	15° 7	17°53	12°40	1°15	0° 3	1°37	14° 6	0°22	T 12
W13	21 31 10	22°27'20	25°40	19°10	10°20	23°24	28°12	15°13	17°51	12°40	1°17	29♓57	1°34	14°12	0°25	W13
T 14	21 35 7	23°24'38	7♓55	20° 3	10°59	24° 6	28° 4	15°20	17°49	12°R40	1°19	29°54	1°31	14°19	0°29	T 14
F 15	21 39 3	24°21'57	20°21	20°52	11°39	24°48	27°57	15°27	17°46	12°40	1°21	29°52	1°27	14°26	0°32	F 15
S 16	21 43 0	25°19'15	2♈57	21°38	12°20	25°30	27°49	15°33	17°44	12°40	1°22	29°D51	1°24	14°32	0°35	S 16
S 17	21 46 57	26°16'35	15°45	22°20	13° 2	26°12	27°41	15°40	17°42	12°40	1°24	29°52	1°21	14°39	0°39	S 17
M18	21 50 53	27°13'55	28°49	22°59	13°45	26°54	27°33	15°46	17°40	12°40	1°26	29°54	1°18	14°46	0°42	M18
T 19	21 54 50	28°11'16	12♉ 9	23°34	14°29	27°35	27°26	15°53	17°38	12°39	1°28	29°55	1°15	14°53	0°45	T 19
W20	21 58 46	29° 8'38	25°47	24° 4	15°14	28°17	27°18	15°59	17°36	12°39	1°29	29°R56	1°12	14°59	0°48	W20
T 21	22 2 43	0♍ 6'00	9♊44	24°31	15°59	28°59	27°10	16° 5	17°33	12°39	1°31	29°56	1° 8	15° 6	0°51	T 21
F 22	22 6 39	1° 3'24	24° 0	24°53	16°46	29°40	27° 2	16°12	17°31	12°39	1°33	29°54	1° 5	15°13	0°55	F 22
S 23	22 10 36	2° 0'48	8♋32	25°10	17°33	0♋21	26°55	16°18	17°29	12°39	1°34	29°51	1° 2	15°19	0°58	S 23
S 24	22 14 32	2°58'14	23°16	25°23	18°22	1° 3	26°47	16°24	17°26	12°38	1°36	29°48	0°59	15°26	1° 0	S 24
M25	22 18 29	3°55'40	8♌ 6	25°31	19°11	1°44	26°39	16°30	17°24	12°38	1°38	29°44	0°56	15°33	1° 3	M25
T 26	22 22 26	4°53'07	22°54	25°R34	20° 0	2°25	26°32	16°36	17°22	12°38	1°40	29°41	0°53	15°40	1° 6	T 26
W27	22 26 22	5°50'35	7♍32	25°32	20°50	3° 6	26°24	16°42	17°20	12°37	1°41	29°39	0°49	15°46	1° 9	W27
T 28	22 30 19	6°48'03	21°54	25°25	21°41	3°47	26°16	16°48	17°17	12°37	1°43	29°38	0°46	15°53	1°12	T 28
F 29	22 34 15	7°45'33	5♎54	25°12	22°33	4°28	26° 9	16°54	17°15	12°36	1°45	29°D38	0°43	16° 0	1°14	F 29
S 30	22 38 12	8°43'02	19°31	24°54	23°25	5° 8	26° 2	17° 0	17°12	12°36	1°47	29°38	0°40	16° 7	1°17	S 30
S 31	22 42 8	9♍40'33	2♏42	24♍32	24♋18	5♋49	25♒54	17♋ 5	17♓10	12♉35	1♍48	29♓40	0♈37	16♎13	1♋20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n19	1n 6	0n15	10n22	0n50	18n 3	5s 6	21n44	0s39	12s 9	0s43	21n30	1s 1	5s22	0s49	14n 2	1s31	16n 4	5n23	0n15	0n52	27s39	17n36	5s38
S 2	17 3	5s21	0s58	9 43	0 41	18 3	5 6	21 49	0 38	12 12	0 43	21 29	1 1	5 23	0 49	14 2	1 31	16 4	5 23	0 15	0 51	27 38	17 35	5 38
S 3	16 47	11 22	2 5	9 4	0 32	18 2	5 6	21 55	0 37	12 14	0 43	21 29	1 1	5 24	0 49	14 3	1 31	16 3	5 23	0 16	0 50	27 37	17 35	5 39
M 4	16 31	16 44	3 5	8 25	0 22	18 2	5 5	22 0	0 36	12 17	0 43	21 28	1 1	5 25	0 49	14 3	1 31	16 3	5 23	0 16	0 48	27 36	17 35	5 39
T 5	16 15	21 15	3 54	7 47	0 13	18 1	5 5	22 4	0 36	12 20	0 43	21 27	1 1	5 25	0 49	14 3	1 31	16 2	5 23	0 16	0 47	27 35	17 34	5 39
W 6	15 58	24 47	4 31	7 10	0 2	18 1	5 3	22 9	0 35	12 22	0 43	21 27	1 1	5 26	0 50	14 3	1 31	16 1	5 23	0 15	0 46	27 34	17 34	5 40
T 7	15 41	27 10	4 56	6 32	0s 8	18 1	5 2	22 13	0 34	12 25	0 44	21 26	1 1	5 27	0 50	14 3	1 31	16 1	5 23	0 14	0 45	27 34	17 34	5 40
F 8	15 24	28 17	5 8	5 56	0 19	18 1	5 1	22 18	0 33	12 28	0 44	21 25	1 1	5 28	0 50	14 3	1 31	16 0	5 23	0 12	0 43	27 33	17 33	5 40
S 9	15 6	28 6	5 6	5 20	0 31	18 1	4 59	22 22	0 32	12 30	0 44	21 24	1 1	5 28	0 50	14 3	1 31	16 0	5 23	0 10	0 42	27 32	17 33	5 41
S 10	14 49	26 37	4 51	4 44	0 42	18 1	4 57	22 25	0 31	12 33	0 44	21 24	1 1	5 29	0 50	14 3	1 31	15 59	5 23	0 7	0 41	27 31	17 33	5 41
M11	14 31	23 56	4 24	4 9	0 54	18 1	4 55	22 29	0 30	12 36	0 44	21 23	1 1	5 30	0 50	14 3	1 32	15 59	5 23	0 4	0 40	27 30	17 32	5 41
T 12	14 13	20 12	3 45	3 36	1 6	18 1	4 52	22 32	0 30	12 39	0 44	21 22	1 1	5 31	0 50	14 3	1 32	15 58	5 23	0 1	0 38	27 29	17 32	5 42
W13	13 54	15 36	2 55	3 3	1 18	18 1	4 50	22 35	0 29	12 41	0 44	21 21	1 1	5 32	0 50	14 3	1 32	15 57	5 23	0s 1	0 37	27 28	17 31	5 42
T 14	13 36	10 20	1 57	2 31	1 31	18 1	4 47	22 38	0 28	12 44	0 45	21 21	1 1	5 32	0 50	14 3	1 32	15 57	5 23	0 3	0 36	27 27	17 31	5 42
F 15	13 17	4 35	0 52	2 0	1 43	18 0	4 44	22 41	0 27	12 47	0 45	21 20	1 1	5 33	0 50	14 3	1 32	15 56	5 23	0 3	0 34	27 26	17 31	5 43
S 16	12 58	1n25	0n17	1 30	1 56	18 0	4 41	22 43	0 26	12 50	0 45	21 19	1 1	5 34	0 50	14 2	1 32	15 56	5 23	0 3	0 33	27 25	17 30	5 43
S 17	12 39	7 28	1 26	1 2	2 9	17 59	4 38	22 45	0 25	12 52	0 45	21 19	1 1	5 35	0 50	14 2	1 32	15 55	5 24	0 3	0 32	27 24	17 30	5 44
M18	12 19	13 19	2 32	0 35	2 22	17 58	4 34	22 47	0 24	12 55	0 45	21 18	1 1	5 36	0 50	14 2	1 32	15 55	5 24	0 3	0 31	27 23	17 29	5 44
T 19	12 0	18 41	3 31	0 10	2 35	17 57	4 31	22 49	0 23	12 58	0 45	21 17	1 1	5 37	0 50	14 2	1 32	15 54	5 24	0 2	0 29	27 22	17 29	5 44
W20	11 40	23 14	4 19	0s14	2 47	17 56	4 27	22 50	0 22	13 1	0 45	21 16	1 1	5 38	0 50	14 2	1 32	15 53	5 24	0 2	0 28	27 21	17 29	5 45
T 21	11 20	26 33	4 54	0 36	3 0	17 55	4 24	22 52	0 21	13 3	0 45	21 16	1 1	5 38	0 50	14 2	1 32	15 53	5 24	0 2	0 27	27 20	17 28	5 45
F 22	11 0	28 16	5 11	0 56	3 13	17 53	4 20	22 53	0 21	13 6	0 46	21 15	1 1	5 39	0 50	14 2	1 32	15 52	5 24	0 2	0 26	27 19	17 28	5 46
S 23	10 40	28 6	5 9	1 14	3 25	17 51	4 16	22 54	0 20	13 9	0 46	21 14	1 1	5 40	0 50	14 2	1 32	15 52	5 24	0 3	0 24	27 18	17 27	5 46
S 24	10 19	25 57	4 47	1 31	3 37	17 49	4 12	22 55	0 19	13 12	0 46	21 13	1 1	5 41	0 50	14 2	1 32	15 51	5 24	0 5	0 23	27 17	17 27	5 47
M25	9 59	22 2	4 6	1 44	3 49	17 46	4 8	22 55	0 18	13 14	0 46	21 13	1 1	5 42	0 50	14 1	1 32	15 51	5 24	0 6	0 22	27 16	17 26	5 47
T 26	9 38	16 43	3 8	1 56	4 0	17 44	4 4	22 56	0 17	13 17	0 46	21 12	1 1	5 43	0 50	14 1	1 32	15 50	5 24	0 7	0 21	27 15	17 26	5 47
W27	9 17	10 30	1 58	2 4	4 10	17 41	4 0	22 56	0 16	13 20	0 46	21 11	1 1	5 44	0 50	14 1	1 32	15 50	5 24	0 8	0 19	27 14	17 25	5 48
T 28	8 56	3 50	0 42	2 11	4 20	17 37	3 55	22 56	0 15	13 22	0 46	21 11	1 1	5 45	0 50	14 1	1 32	15 49	5 24	0 9	0 18	27 13	17 25	5 48
F 29	8 35	2s51	0s35	2 14	4 29	17 34	3 51	22 55	0 14	13 25	0 46	21 10	1 1	5 46	0 50	14 1	1 32	15 48	5 24	0 9	0 17	27 12	17 24	5 49
S 30	8 14	9 14	1 47	2 14	4 37	17 30	3 46	22 55	0 13	13 27	0 46	21 9	1 1	5 47	0 50	14 1	1 33	15 48	5 24	0 9	0 16	27 11	17 24	5 49
S 31	7n52	15s 0	2s52	2s12	4s44	17n25	3s42	22n54	0s12	13s30	0s46	21n 8	1s 1	5s48	0s50	14n 0	1s33	15n47	5n25	0s 8	0n14	27s10	17n24	5s50

Julian Day Number = 3065730.5, Delta T = 02h33m52s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°18'57, Lahiri = 47°25'57

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

SEPTEMBER 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 46 5	10♍38'04	15♏31	24°R 4	25♋12	6♋29	25°R47	17♋11	17°R 8	12°R35	1♍50	29♓41	0♈33	16♑20	1♋22	M 1
T 2	22 50 1	11°35'36	28° 1	23♍31	26° 6	7°10	25♒40	17°17	17♓ 5	12♉34	1°52	29°42	0°30	16°27	1°24	T 2
W 3	22 53 58	12°33'09	10♐14	22°55	27° 0	7°50	25°32	17°22	17° 3	12°33	1°54	29°R43	0°27	16°33	1°27	W 3
T 4	22 57 55	13°30'42	22°16	22°14	27°55	8°30	25°25	17°28	17° 1	12°33	1°55	29°43	0°24	16°40	1°29	T 4
F 5	23 1 51	14°28'16	4♑11	21°30	28°51	9°10	25°18	17°33	16°58	12°32	1°57	29°42	0°21	16°47	1°31	F 5
S 6	23 5 48	15°25'51	16° 4	20°43	29°47	9°50	25°12	17°38	16°56	12°31	1°59	29°40	0°18	16°54	1°34	S 6
S 7	23 9 44	16°23'26	27°58	19°55	0♌43	10°30	25° 5	17°43	16°53	12°31	2° 0	29°38	0°14	17° 0	1°36	S 7
M 8	23 13 41	17°21'03	9♒57	19° 5	1°40	11° 9	24°58	17°49	16°51	12°30	2° 2	29°36	0°11	17° 7	1°38	M 8
T 9	23 17 37	18°18'40	22° 5	18°15	2°37	11°49	24°51	17°54	16°49	12°29	2° 4	29°35	0° 8	17°14	1°40	T 9
W10	23 21 34	19°16'18	4♓23	17°26	3°35	12°28	24°45	17°59	16°46	12°28	2° 5	29°34	0° 5	17°20	1°42	W10
T 11	23 25 30	20°13'57	16°52	16°39	4°34	13° 8	24°39	18° 4	16°44	12°27	2° 7	29°33	0° 2	17°27	1°44	T 11
F 12	23 29 27	21°11'38	29°35	15°55	5°32	13°47	24°32	18° 9	16°41	12°27	2° 9	29°D33	29♓59	17°34	1°45	F 12
S 13	23 33 23	22° 9'19	12♈31	15°15	6°31	14°26	24°26	18°13	16°39	12°26	2°10	29°33	29°55	17°41	1°47	S 13
S 14	23 37 20	23° 7'02	25°41	14°39	7°31	15° 5	24°20	18°18	16°37	12°25	2°12	29°33	29°52	17°47	1°49	S 14
M15	23 41 17	24° 4'47	9♉ 5	14° 8	8°31	15°44	24°15	18°23	16°34	12°24	2°14	29°34	29°49	17°54	1°50	M15
T 16	23 45 13	25° 2'32	22°41	13°44	9°31	16°23	24° 9	18°27	16°32	12°23	2°15	29°34	29°46	18° 1	1°52	T 16
W17	23 49 10	26° 0'20	6♊30	13°26	10°32	17° 1	24° 3	18°32	16°30	12°22	2°17	29°35	29°43	18° 7	1°53	W17
T 18	23 53 6	26°58'09	20°30	13°15	11°33	17°40	23°58	18°36	16°27	12°21	2°19	29°35	29°39	18°14	1°55	T 18
F 19	23 57 3	27°56'00	4♋40	13°D12	12°34	18°18	23°53	18°40	16°25	12°20	2°20	29°R35	29°36	18°21	1°56	F 19
S 20	0 0 59	28°53'52	18°57	13°17	13°36	18°56	23°48	18°45	16°23	12°19	2°22	29°35	29°33	18°28	1°58	S 20
S 21	0 4 56	29°51'46	3♌20	13°30	14°37	19°35	23°43	18°49	16°20	12°18	2°23	29°D35	29°30	18°34	1°59	S 21
M22	0 8 52	0♎49'42	17°44	13°51	15°40	20°13	23°38	18°53	16°18	12°16	2°25	29°35	29°27	18°41	2° 0	M22
T 23	0 12 49	1°47'39	2♍ 5	14°20	16°42	20°50	23°33	18°57	16°16	12°15	2°26	29°35	29°24	18°48	2° 1	T 23
W24	0 16 46	2°45'38	16°18	14°57	17°45	21°28	23°29	19° 1	16°13	12°14	2°28	29°35	29°20	18°54	2° 2	W24
T 25	0 20 42	3°43'39	0♎20	15°42	18°48	22° 6	23°24	19° 4	16°11	12°13	2°30	29°R35	29°17	19° 1	2° 3	T 25
F 26	0 24 39	4°41'40	14° 5	16°34	19°52	22°43	23°20	19° 8	16° 9	12°12	2°31	29°35	29°14	19° 8	2° 4	F 26
S 27	0 28 35	5°39'44	27°33	17°33	20°55	23°20	23°16	19°12	16° 7	12°10	2°33	29°35	29°11	19°15	2° 5	S 27
S 28	0 32 32	6°37'49	10♏40	18°40	21°59	23°57	23°12	19°15	16° 4	12° 9	2°34	29°34	29° 8	19°21	2° 5	S 28
M29	0 36 28	7°35'55	23°28	19°53	23° 4	24°34	23° 9	19°19	16° 2	12° 8	2°36	29°33	29° 4	19°28	2° 6	M29
T 30	0 40 25	8♎34'02	5♐58	21♍11	24♌ 8	25♋11	23♒ 5	19♋22	16♓ 0	12♉ 7	2♍37	29♓32	29♓ 1	19♑35	2♋ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n31	19s57	3s47	2s 6	4s49	17n21	3s37	22n53	0s11	13s33	0s46	21n 8	1s 1	5s48	0s50	14n 0	1s33	15n47	5n25	0s 7	0n13	27s 9	17n23	5s50
T 2	7 9	23 54	4 29	1 57	4 54	17 16	3 33	22 52	0 10	13 35	0 46	21 7	1 1	5 49	0 50	14 0	1 33	15 46	5 25	0 7	0 12	27 8	17 23	5 51
W 3	6 47	26 41	4 58	1 45	4 56	17 10	3 28	22 51	0 9	13 37	0 47	21 6	1 1	5 50	0 50	14 0	1 33	15 46	5 25	0 7	0 11	27 7	17 22	5 51
T 4	6 26	28 12	5 13	1 30	4 57	17 4	3 23	22 50	0 8	13 40	0 47	21 6	1 1	5 51	0 50	13 59	1 33	15 45	5 25	0 7	0 9	27 6	17 22	5 51
F 5	6 4	28 24	5 15	1 13	4 57	16 58	3 18	22 48	0 7	13 42	0 47	21 5	1 1	5 52	0 50	13 59	1 33	15 45	5 25	0 7	0 8	27 5	17 21	5 52
S 6	5 42	27 17	5 3	0 52	4 54	16 52	3 13	22 46	0 5	13 45	0 47	21 4	1 1	5 53	0 50	13 59	1 33	15 44	5 25	0 8	0 7	27 4	17 21	5 52
S 7	5 19	24 55	4 38	0 30	4 50	16 45	3 8	22 45	0 4	13 47	0 47	21 4	1 1	5 54	0 50	13 59	1 33	15 44	5 25	0 9	0 6	27 3	17 20	5 53
M 8	4 57	21 28	4 1	0 5	4 44	16 38	3 4	22 42	0 3	13 49	0 47	21 3	1 1	5 55	0 50	13 58	1 33	15 43	5 25	0 9	0 4	27 1	17 20	5 53
T 9	4 35	17 4	3 13	0n22	4 36	16 30	2 59	22 40	0 2	13 51	0 47	21 2	1 1	5 56	0 50	13 58	1 33	15 43	5 25	0 10	0 3	27 0	17 19	5 54
W10	4 13	11 55	2 15	0 50	4 26	16 22	2 54	22 38	0 1	13 54	0 47	21 2	1 1	5 57	0 50	13 58	1 33	15 42	5 26	0 10	0 2	26 59	17 19	5 54
T 11	3 50	6 12	1 10	1 18	4 15	16 13	2 49	22 35	0 0	13 56	0 47	21 1	1 1	5 58	0 50	13 58	1 33	15 42	5 26	0 11	0 1	26 58	17 18	5 55
F 12	3 28	0 10	0n 0	1 47	4 2	16 4	2 44	22 32	0n 1	13 58	0 47	21 0	1 1	5 59	0 50	13 57	1 33	15 41	5 26	0 11	0s 1	26 57	17 18	5 55
S 13	3 5	6n 0	1 11	2 16	3 47	15 55	2 38	22 29	0 2	14 0	0 47	21 0	1 1	6 0	0 50	13 57	1 33	15 41	5 26	0 11	0 2	26 56	17 17	5 56
S 14	2 43	12 1	2 20	2 44	3 32	15 45	2 33	22 26	0 3	14 2	0 47	20 59	1 1	6 0	0 50	13 57	1 33	15 40	5 26	0 11	0 3	26 55	17 17	5 56
M15	2 20	17 35	3 22	3 11	3 15	15 35	2 28	22 23	0 4	14 4	0 47	20 58	1 1	6 1	0 50	13 56	1 33	15 40	5 26	0 10	0 4	26 53	17 16	5 57
T 16	1 57	22 22	4 14	3 37	2 57	15 24	2 23	22 19	0 6	14 6	0 47	20 58	1 1	6 2	0 50	13 56	1 33	15 39	5 26	0 10	0 6	26 52	17 16	5 57
W17	1 34	25 59	4 52	4 0	2 39	15 13	2 18	22 16	0 7	14 8	0 47	20 57	1 1	6 3	0 50	13 56	1 33	15 39	5 26	0 10	0 7	26 51	17 15	5 58
T 18	1 12	28 5	5 13	4 21	2 21	15 2	2 13	22 12	0 8	14 9	0 47	20 56	1 1	6 4	0 50	13 55	1 33	15 38	5 26	0 10	0 8	26 50	17 14	5 58
F 19	0 49	28 24	5 16	4 40	2 2	14 50	2 8	22 8	0 9	14 11	0 47	20 56	1 1	6 5	0 50	13 55	1 33	15 38	5 27	0 10	0 9	26 49	17 14	5 59
S 20	0 26	26 50	4 59	4 55	1 43	14 38	2 3	22 4	0 10	14 13	0 47	20 55	1 1	6 6	0 50	13 54	1 34	15 37	5 27	0 10	0 11	26 47	17 13	5 59
S 21	0 3	23 31	4 24	5 8	1 25	14 25	1 58	22 0	0 11	14 14	0 47	20 55	1 1	6 7	0 50	13 54	1 34	15 37	5 27	0 10	0 12	26 46	17 13	6 0
M22	0s20	18 44	3 32	5 17	1 6	14 12	1 53	21 56	0 13	14 16	0 47	20 54	1 1	6 8	0 50	13 54	1 34	15 37	5 27	0 10	0 13	26 45	17 12	6 0
T 23	0 42	12 55	2 27	5 22	0 49	13 59	1 48	21 51	0 14	14 18	0 47	20 54	1 1	6 8	0 50	13 53	1 34	15 36	5 27	0 10	0 14	26 44	17 12	6 1
W24	1 5	6 29	1 13	5 24	0 31	13 45	1 43	21 47	0 15	14 19	0 47	20 53	1 1	6 9	0 50	13 53	1 34	15 36	5 27	0 10	0 16	26 42	17 11	6 1
T 25	1 28	0s12	0s 4	5 22	0 15	13 30	1 38	21 42	0 16	14 20	0 47	20 52	1 1	6 10	0 50	13 53	1 34	15 35	5 27	0 10	0 17	26 41	17 11	6 2
F 26	1 51	6 44	1 20	5 16	0n 1	13 16	1 33	21 37	0 17	14 22	0 47	20 52	1 1	6 11	0 50	13 52	1 34	15 35	5 28	0 10	0 18	26 40	17 10	6 2
S 27	2 14	12 49	2 29	5 7	0 15	13 1	1 28	21 32	0 19	14 23	0 47	20 51	1 1	6 12	0 50	13 52	1 34	15 34	5 28	0 10	0 19	26 39	17 10	6 3
S 28	2 37	18 11	3 28	4 54	0 29	12 45	1 23	21 27	0 20	14 24	0 47	20 51	1 1	6 13	0 50	13 51	1 34	15 34	5 28	0 10	0 21	26 37	17 9	6 3
M29	2 59	22 36	4 16	4 37	0 42	12 29	1 18	21 22	0 21	14 26	0 47	20 50	1 1	6 14	0 50	13 51	1 34	15 34	5 28	0 11	0 22	26 36	17 9	6 4
T 30	3s22	25s52	4s50	4n17	0n53	12n13	1s13	21n16	0n22	14s27	0s47	20n50	1s 1	6s14	0s50	13n50	1s34	15n33	5n28	0s11	0s23	26s35	17n 8	6s 4

Julian Day Number = 3065761.5, Delta T = 02h33m53s
Ecliptic obliquity = 23°13'33, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'01, Lahiri = 47°26'01

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

OCTOBER 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 44 21	9♎32'12	18♐13	22♍36	25♌13	25♋48	23°R 2	19♋25	15°R58	12°R 5	2♍38	29°R31	28♓58	19♑41	2♋ 7	W 1
T 2	0 48 18	10°30'22	0♑16	24° 5	26°18	26°24	22♒59	19°28	15♓56	12♉ 4	2°40	29♓30	28°55	19°48	2° 7	T 2
F 3	0 52 15	11°28'34	12°11	25°39	27°23	27° 1	22°56	19°31	15°54	12° 2	2°41	29°D30	28°52	19°55	2° 8	F 3
S 4	0 56 11	12°26'47	24° 4	27°17	28°28	27°37	22°53	19°34	15°52	12° 1	2°43	29°30	28°49	20° 2	2° 8	S 4
S 5	1 0 8	13°25'01	5♒59	28°58	29°34	28°13	22°51	19°37	15°50	12° 0	2°44	29°31	28°45	20° 8	2° 8	S 5
M 6	1 4 4	14°23'17	18° 0	0♎42	0♍40	28°49	22°48	19°40	15°48	11°58	2°46	29°32	28°42	20°15	2° 9	M 6
T 7	1 8 1	15°21'35	0♓11	2°29	1°46	29°24	22°46	19°42	15°46	11°57	2°47	29°34	28°39	20°22	2° 9	T 7
W 8	1 11 57	16°19'53	12°36	4°17	2°52	29°59	22°44	19°45	15°44	11°55	2°48	29°35	28°36	20°28	2°R 9	W 8
T 9	1 15 54	17°18'14	25°18	6° 7	3°58	0♌35	22°43	19°47	15°42	11°54	2°50	29°R35	28°33	20°35	2° 9	T 9
F 10	1 19 50	18°16'36	8♈18	7°58	5° 5	1°10	22°41	19°50	15°40	11°52	2°51	29°35	28°30	20°42	2° 8	F 10
S 11	1 23 47	19°14'59	21°37	9°50	6°12	1°45	22°40	19°52	15°38	11°51	2°52	29°34	28°26	20°49	2° 8	S 11
S 12	1 27 43	20°13'25	5♉12	11°42	7°19	2°20	22°38	19°54	15°36	11°49	2°53	29°32	28°23	20°55	2° 8	S 12
M13	1 31 40	21°11'52	19° 2	13°35	8°26	2°55	22°37	19°56	15°34	11°48	2°55	29°29	28°20	21° 2	2° 8	M13
T 14	1 35 37	22°10'21	3♊ 4	15°27	9°34	3°29	22°37	19°58	15°33	11°46	2°56	29°26	28°17	21° 9	2° 7	T 14
W15	1 39 33	23° 8'53	17°14	17°20	10°41	4° 4	22°36	20° 0	15°31	11°45	2°57	29°23	28°14	21°15	2° 7	W15
T 16	1 43 30	24° 7'26	1♋28	19°12	11°49	4°38	22°36	20° 2	15°29	11°43	2°58	29°21	28°10	21°22	2° 6	T 16
F 17	1 47 26	25° 6'02	15°43	21° 3	12°57	5°12	22°35	20° 3	15°27	11°42	3° 0	29°19	28° 7	21°29	2° 6	F 17
S 18	1 51 23	26° 4'40	29°55	22°54	14° 5	5°45	22°D35	20° 5	15°26	11°40	3° 1	29°D19	28° 4	21°36	2° 5	S 18
S 19	1 55 19	27° 3'20	14♌ 4	24°45	15°14	6°19	22°36	20° 6	15°24	11°38	3° 2	29°20	28° 1	21°42	2° 4	S 19
M20	1 59 16	28° 2'02	28° 6	26°34	16°22	6°52	22°36	20° 7	15°23	11°37	3° 3	29°21	27°58	21°49	2° 3	M20
T 21	2 3 13	29° 0'46	12♍ 1	28°23	17°31	7°25	22°36	20° 9	15°21	11°35	3° 4	29°23	27°55	21°56	2° 2	T 21
W22	2 7 9	29°59'32	25°47	0♏11	18°40	7°58	22°37	20°10	15°20	11°34	3° 5	29°R23	27°51	22° 2	2° 1	W22
T 23	2 11 6	0♏58'20	9♎22	1°58	19°49	8°31	22°38	20°11	15°18	11°32	3° 6	29°23	27°48	22° 9	2° 0	T 23
F 24	2 15 2	1°57'10	22°45	3°44	20°58	9° 4	22°39	20°11	15°17	11°30	3° 7	29°21	27°45	22°16	1°59	F 24
S 25	2 18 59	2°56'03	5♏55	5°29	22° 7	9°36	22°41	20°12	15°15	11°29	3° 8	29°18	27°42	22°22	1°58	S 25
S 26	2 22 55	3°54'57	18°50	7°14	23°16	10° 8	22°42	20°13	15°14	11°27	3° 9	29°13	27°39	22°29	1°57	S 26
M27	2 26 52	4°53'53	1♐31	8°57	24°26	10°40	22°44	20°13	15°13	11°25	3°10	29° 6	27°36	22°36	1°55	M27
T 28	2 30 48	5°52'51	13°56	10°40	25°36	11°11	22°46	20°14	15°11	11°24	3°11	29° 0	27°32	22°43	1°54	T 28
W29	2 34 45	6°51'50	26° 9	12°22	26°45	11°42	22°48	20°14	15°10	11°22	3°12	28°54	27°29	22°49	1°52	W29
T 30	2 38 41	7°50'52	8♑10	14° 3	27°55	12°13	22°50	20°14	15° 9	11°20	3°13	28°48	27°26	22°56	1°51	T 30
F 31	2 42 38	8♏49'55	20♑ 5	15♏43	29♍ 6	12♌44	22♒53	20°R14	15♓ 8	11♉19	3♍14	28♓45	27♓23	23♑ 3	1♋49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s45	27s51	5s10	3n53	1n 4	11n56	1s 8	21n11	0n24	14s28	0s47	20n49	1s 1	6s15	0s50	13n50	1s34	15n33	5n28	0s12	0s24	26s34	17n 8	6s 5
T 2	4 7	28 30	5 16	3 27	1 13	11 39	1 3	21 5	0 25	14 29	0 47	20 49	1 1	6 16	0 50	13 50	1 34	15 32	5 28	0 12	0 26	26 32	17 7	6 5
F 3	4 30	27 48	5 9	2 58	1 21	11 22	0 58	21 0	0 26	14 30	0 47	20 49	1 1	6 17	0 50	13 49	1 34	15 32	5 29	0 12	0 27	26 31	17 7	6 6
S 4	4 53	25 50	4 48	2 26	1 28	11 4	0 53	20 54	0 27	14 30	0 47	20 48	1 1	6 18	0 50	13 49	1 34	15 32	5 29	0 12	0 28	26 30	17 6	6 7
S 5	5 15	22 43	4 15	1 51	1 34	10 46	0 49	20 48	0 29	14 31	0 47	20 48	1 1	6 18	0 50	13 48	1 34	15 31	5 29	0 11	0 29	26 28	17 6	6 7
M 6	5 37	18 38	3 30	1 15	1 39	10 27	0 44	20 42	0 30	14 32	0 47	20 47	1 1	6 19	0 50	13 48	1 34	15 31	5 29	0 11	0 31	26 27	17 5	6 8
T 7	6 0	13 44	2 35	0 36	1 43	10 9	0 39	20 36	0 31	14 33	0 47	20 47	1 1	6 20	0 50	13 47	1 34	15 31	5 29	0 10	0 32	26 26	17 4	6 8
W 8	6 22	8 12	1 32	0s 4	1 46	9 49	0 35	20 30	0 33	14 33	0 47	20 46	1 1	6 21	0 50	13 47	1 34	15 30	5 29	0 10	0 33	26 24	17 4	6 9
T 9	6 44	2 13	0 24	0 45	1 48	9 30	0 30	20 24	0 34	14 34	0 47	20 46	1 1	6 21	0 50	13 46	1 34	15 30	5 30	0 10	0 34	26 23	17 3	6 9
F 10	7 6	4n 0	0n48	1 28	1 49	9 10	0 25	20 18	0 35	14 34	0 47	20 46	1 1	6 22	0 50	13 46	1 34	15 30	5 30	0 10	0 36	26 21	17 3	6 10
S 11	7 28	10 11	1 58	2 11	1 49	8 50	0 21	20 11	0 37	14 35	0 47	20 45	1 1	6 23	0 50	13 45	1 34	15 29	5 30	0 10	0 37	26 20	17 2	6 10
S 12	7 50	16 2	3 4	2 55	1 49	8 30	0 17	20 5	0 38	14 35	0 47	20 45	1 1	6 23	0 50	13 45	1 34	15 29	5 30	0 11	0 38	26 19	17 2	6 11
M13	8 12	21 10	3 59	3 39	1 48	8 9	0 12	19 58	0 40	14 35	0 47	20 45	1 2	6 24	0 49	13 45	1 34	15 29	5 30	0 12	0 39	26 17	17 1	6 11
T 14	8 34	25 11	4 41	4 24	1 46	7 48	0 8	19 52	0 41	14 36	0 47	20 44	1 2	6 25	0 49	13 44	1 34	15 29	5 31	0 13	0 41	26 16	17 1	6 12
W15	8 55	27 42	5 7	5 9	1 43	7 26	0 4	19 45	0 42	14 36	0 47	20 44	1 2	6 25	0 49	13 44	1 34	15 28	5 31	0 15	0 42	26 15	17 0	6 12
T 16	9 17	28 26	5 13	5 54	1 40	7 5	0n 1	19 39	0 44	14 36	0 47	20 44	1 2	6 26	0 49	13 43	1 34	15 28	5 31	0 16	0 43	26 13	17 0	6 13
F 17	9 38	27 18	5 1	6 39	1 37	6 43	0 5	19 32	0 45	14 36	0 47	20 44	1 2	6 27	0 49	13 43	1 34	15 28	5 31	0 16	0 44	26 12	16 59	6 13
S 18	9 59	24 23	4 30	7 24	1 33	6 21	0 9	19 25	0 47	14 36	0 47	20 43	1 2	6 27	0 49	13 42	1 34	15 28	5 31	0 16	0 46	26 10	16 59	6 14
S 19	10 20	20 1	3 43	8 8	1 28	5 58	0 13	19 18	0 48	14 36	0 47	20 43	1 2	6 28	0 49	13 42	1 34	15 27	5 31	0 16	0 47	26 9	16 58	6 14
M20	10 41	14 35	2 43	8 52	1 23	5 35	0 17	19 11	0 49	14 36	0 47	20 43	1 2	6 28	0 49	13 41	1 34	15 27	5 32	0 15	0 48	26 7	16 58	6 15
T 21	11 2	8 26	1 34	9 35	1 18	5 13	0 21	19 4	0 51	14 35	0 46	20 43	1 2	6 29	0 49	13 41	1 34	15 27	5 32	0 15	0 49	26 6	16 57	6 15
W22	11 22	1 58	0 20	10 18	1 13	4 49	0 24	18 57	0 52	14 35	0 46	20 43	1 2	6 29	0 49	13 40	1 34	15 27	5 32	0 14	0 51	26 4	16 57	6 16
T 23	11 43	4s31	0s54	11 0	1 7	4 26	0 28	18 50	0 54	14 35	0 46	20 42	1 2	6 30	0 49	13 40	1 34	15 26	5 32	0 15	0 52	26 3	16 56	6 16
F 24	12 3	10 42	2 4	11 41	1 1	4 2	0 32	18 43	0 55	14 34	0 46	20 42	1 2	6 31	0 49	13 39	1 34	15 26	5 32	0 15	0 53	26 2	16 56	6 17
S 25	12 23	16 18	3 6	12 22	0 55	3 39	0 35	18 36	0 57	14 34	0 46	20 42	1 2	6 31	0 49	13 38	1 34	15 26	5 33	0 17	0 54	26 0	16 55	6 17
S 26	12 43	21 4	3 57	13 2	0 49	3 15	0 39	18 29	0 58	14 33	0 46	20 42	1 2	6 31	0 49	13 38	1 34	15 26	5 33	0 19	0 56	25 59	16 55	6 18
M27	13 2	24 46	4 35	13 41	0 42	2 51	0 42	18 22	1 0	14 33	0 46	20 42	1 2	6 32	0 49	13 37	1 34	15 26	5 33	0 21	0 57	25 57	16 55	6 18
T 28	13 22	27 13	4 59	14 20	0 36	2 26	0 46	18 15	1 2	14 32	0 46	20 42	1 2	6 32	0 49	13 37	1 34	15 26	5 33	0 24	0 58	25 56	16 54	6 19
W29	13 41	28 20	5 10	14 57	0 29	2 2	0 49	18 8	1 3	14 31	0 46	20 42	1 2	6 33	0 49	13 36	1 34	15 25	5 33	0 26	0 59	25 54	16 54	6 19
T 30	14 0	28 4	5 6	15 34	0 22	1 37	0 52	18 1	1 5	14 30	0 46	20 42	1 2	6 33	0 49	13 36	1 34	15 25	5 34	0 28	1 1	25 53	16 53	6 20
F 31	14s19	26s30	4s49	16s 9	0n15	1n12	0n55	17n54	1n 6	14s30	0s46	20n42	1s 2	6s34	0s49	13n35	1s35	15n25	5n34	0s30	1s 2	25s51	16n53	6s20

Julian Day Number = 3065791.5, Delta T = 02h33m54s
Ecliptic obliquity = 23°13'33, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'05, Lahiri = 47°26'06

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

NOVEMBER 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 46 35	9♏49'00	1♒56	17♏22	0♎16	13♌15	22♒55	20°R14	15°R 7	11°R17	3♍15	28°R43	27♓20	23♑ 9	1°R48	S 1
S 2	2 50 31	10°48'06	13°49	19° 1	1°26	13°45	22°58	20♋14	15♓ 6	11♉15	3°16	28°D43	27°16	23°16	1♋46	S 2
M 3	2 54 28	11°47'14	25°48	20°39	2°37	14°15	23° 1	20°14	15° 5	11°14	3°16	28♓43	27°13	23°23	1°44	M 3
T 4	2 58 24	12°46'24	8♓ 0	22°16	3°47	14°45	23° 5	20°14	15° 4	11°12	3°17	28°45	27°10	23°30	1°42	T 4
W 5	3 2 21	13°45'35	20°27	23°52	4°58	15°14	23° 8	20°13	15° 3	11°10	3°18	28°46	27° 7	23°36	1°40	W 5
T 6	3 6 17	14°44'48	3♈15	25°28	6° 9	15°44	23°12	20°13	15° 2	11° 9	3°19	28°R46	27° 4	23°43	1°38	T 6
F 7	3 10 14	15°44'03	16°26	27° 2	7°20	16°13	23°15	20°12	15° 1	11° 7	3°19	28°45	27° 1	23°50	1°36	F 7
S 8	3 14 10	16°43'20	0♉ 1	28°37	8°31	16°41	23°19	20°11	15° 1	11° 5	3°20	28°41	26°57	23°56	1°34	S 8
S 9	3 18 7	17°42'38	13°59	0♗10	9°42	17°10	23°24	20°10	15° 0	11° 4	3°21	28°35	26°54	24° 3	1°32	S 9
M10	3 22 4	18°41'59	28°16	1°43	10°53	17°38	23°28	20° 9	14°59	11° 2	3°21	28°28	26°51	24°10	1°30	M10
T 11	3 26 0	19°41'22	12♊47	3°15	12° 4	18° 6	23°32	20° 8	14°59	11° 0	3°22	28°20	26°48	24°17	1°28	T 11
W12	3 29 57	20°40'46	27°25	4°46	13°16	18°33	23°37	20° 7	14°58	10°59	3°22	28°12	26°45	24°23	1°25	W12
T 13	3 33 53	21°40'13	12♋ 2	6°17	14°27	19° 0	23°42	20° 5	14°58	10°57	3°23	28° 5	26°42	24°30	1°23	T 13
F 14	3 37 50	22°39'42	26°33	7°47	15°39	19°27	23°47	20° 4	14°57	10°55	3°24	28° 0	26°38	24°37	1°20	F 14
S 15	3 41 46	23°39'14	10♌52	9°17	16°51	19°54	23°52	20° 3	14°57	10°54	3°24	27°57	26°35	24°43	1°18	S 15
S 16	3 45 43	24°38'47	24°58	10°46	18° 3	20°20	23°58	20° 1	14°56	10°52	3°25	27°D56	26°32	24°50	1°15	S 16
M17	3 49 40	25°38'23	8♍50	12°14	19°15	20°46	24° 3	19°59	14°56	10°51	3°25	27°57	26°29	24°57	1°13	M17
T 18	3 53 36	26°38'01	22°27	13°42	20°27	21°11	24° 9	19°57	14°56	10°49	3°25	27°R58	26°26	25° 3	1°10	T 18
W19	3 57 33	27°37'40	5♎50	15° 9	21°39	21°37	24°15	19°55	14°55	10°47	3°26	27°58	26°22	25°10	1° 7	W19
T 20	4 1 29	28°37'23	19° 2	16°35	22°51	22° 1	24°21	19°53	14°55	10°46	3°26	27°55	26°19	25°17	1° 5	T 20
F 21	4 5 26	29°37'07	2♏ 2	18° 1	24° 4	22°26	24°27	19°51	14°55	10°44	3°27	27°51	26°16	25°24	1° 2	F 21
S 22	4 9 22	0♐36'53	14°51	19°25	25°16	22°50	24°34	19°49	14°55	10°43	3°27	27°43	26°13	25°30	0°59	S 22
S 23	4 13 19	1°36'41	27°30	20°49	26°28	23°14	24°40	19°46	14°D55	10°41	3°27	27°33	26°10	25°37	0°56	S 23
M24	4 17 15	2°36'32	9♐57	22°13	27°41	23°37	24°47	19°44	14°55	10°40	3°27	27°22	26° 7	25°44	0°53	M24
T 25	4 21 12	3°36'24	22°14	23°35	28°54	24° 0	24°54	19°41	14°55	10°38	3°28	27° 9	26° 3	25°50	0°50	T 25
W26	4 25 9	4°36'18	4♑20	24°57	0♏ 6	24°22	25° 1	19°39	14°55	10°37	3°28	26°57	26° 0	25°57	0°47	W26
T 27	4 29 5	5°36'13	16°18	26°17	1°19	24°44	25° 8	19°36	14°56	10°35	3°28	26°46	25°57	26° 4	0°44	T 27
F 28	4 33 2	6°36'10	28°10	27°36	2°32	25° 6	25°15	19°33	14°56	10°34	3°28	26°37	25°54	26°11	0°41	F 28
S 29	4 36 58	7°36'09	10♒ 0	28°55	3°45	25°27	25°23	19°30	14°56	10°32	3°28	26°31	25°51	26°17	0°38	S 29
S 30	4 40 55	8♐36'09	21♒50	0♑12	4♏58	25♌48	25♒30	19♋27	14♓56	10♉31	3♍28	26♓27	25♓48	26♑24	0♋35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s38	23s46	4s20	16s44	0n 8	0n48	0n58	17n47	1n 8	14s29	0s46	20n42	1s 2	6s34	0s49	13n35	1s35	15n25	5n34	0s30	1s 3	25s50	16n52	6s21
S 2	14 56	20 2	3 39	17 18	0 1	0 23	1 1	17 40	1 10	14 28	0 46	20 42	1 2	6 34	0 49	13 34	1 35	15 25	5 34	0 31	1 4	25 48	16 52	6 21
M 3	15 14	15 27	2 49	17 51	0s 6	0s 3	1 4	17 33	1 11	14 27	0 46	20 42	1 2	6 35	0 49	13 34	1 35	15 25	5 34	0 30	1 6	25 46	16 51	6 21
T 4	15 32	10 12	1 50	18 23	0 13	0 28	1 7	17 26	1 13	14 26	0 46	20 42	1 2	6 35	0 49	13 33	1 35	15 25	5 35	0 30	1 7	25 45	16 51	6 22
W 5	15 50	4 26	0 45	18 53	0 20	0 53	1 10	17 19	1 15	14 24	0 46	20 42	1 2	6 35	0 49	13 33	1 35	15 25	5 35	0 29	1 8	25 43	16 51	6 22
T 6	16 7	1n39	0n24	19 23	0 27	1 18	1 13	17 12	1 16	14 23	0 46	20 42	1 2	6 36	0 49	13 32	1 35	15 25	5 35	0 29	1 9	25 42	16 50	6 23
F 7	16 24	7 51	1 34	19 52	0 34	1 44	1 15	17 5	1 18	14 22	0 46	20 42	1 2	6 36	0 49	13 32	1 35	15 24	5 35	0 30	1 11	25 40	16 50	6 23
S 8	16 41	13 53	2 40	20 20	0 41	2 9	1 18	16 58	1 20	14 20	0 46	20 42	1 2	6 36	0 49	13 31	1 35	15 24	5 35	0 31	1 12	25 39	16 49	6 24
S 9	16 58	19 22	3 39	20 47	0 48	2 35	1 20	16 51	1 21	14 19	0 46	20 42	1 2	6 36	0 49	13 31	1 35	15 24	5 36	0 33	1 13	25 37	16 49	6 24
M10	17 14	23 54	4 25	21 12	0 54	3 0	1 22	16 44	1 23	14 18	0 45	20 42	1 2	6 37	0 49	13 30	1 35	15 24	5 36	0 36	1 14	25 35	16 49	6 24
T 11	17 30	27 0	4 55	21 37	1 1	3 26	1 24	16 37	1 25	14 16	0 45	20 42	1 2	6 37	0 49	13 30	1 35	15 24	5 36	0 39	1 16	25 34	16 48	6 25
W12	17 46	28 18	5 6	22 1	1 8	3 52	1 27	16 30	1 27	14 14	0 45	20 43	1 2	6 37	0 49	13 29	1 34	15 24	5 36	0 43	1 17	25 32	16 48	6 25
T 13	18 1	27 37	4 57	22 23	1 14	4 17	1 29	16 24	1 28	14 13	0 45	20 43	1 2	6 37	0 48	13 29	1 34	15 24	5 37	0 45	1 18	25 31	16 47	6 26
F 14	18 16	25 3	4 29	22 44	1 21	4 43	1 30	16 17	1 30	14 11	0 45	20 43	1 2	6 37	0 48	13 28	1 34	15 24	5 37	0 47	1 19	25 29	16 47	6 26
S 15	18 31	20 57	3 45	23 5	1 27	5 8	1 32	16 10	1 32	14 9	0 45	20 43	1 2	6 37	0 48	13 28	1 34	15 24	5 37	0 48	1 21	25 27	16 47	6 27
S 16	18 46	15 42	2 47	23 24	1 33	5 34	1 34	16 4	1 34	14 8	0 45	20 43	1 2	6 38	0 48	13 27	1 34	15 24	5 37	0 49	1 22	25 26	16 46	6 27
M17	19 0	9 45	1 41	23 42	1 39	5 59	1 36	15 57	1 36	14 6	0 45	20 44	1 2	6 38	0 48	13 27	1 34	15 24	5 37	0 49	1 23	25 24	16 46	6 27
T 18	19 14	3 25	0 29	23 59	1 45	6 25	1 37	15 51	1 38	14 4	0 45	20 44	1 2	6 38	0 48	13 26	1 34	15 24	5 38	0 48	1 24	25 22	16 46	6 28
W19	19 27	2s57	0s42	24 14	1 51	6 50	1 39	15 45	1 40	14 2	0 45	20 44	1 2	6 38	0 48	13 26	1 34	15 25	5 38	0 48	1 26	25 21	16 45	6 28
T 20	19 40	9 5	1 50	24 29	1 56	7 15	1 40	15 39	1 41	14 0	0 45	20 44	1 2	6 38	0 48	13 25	1 34	15 25	5 38	0 49	1 27	25 19	16 45	6 28
F 21	19 53	14 45	2 51	24 42	2 1	7 41	1 41	15 33	1 43	13 58	0 45	20 45	1 2	6 38	0 48	13 25	1 34	15 25	5 38	0 51	1 28	25 17	16 45	6 29
S 22	20 6	19 42	3 42	24 54	2 6	8 6	1 43	15 27	1 45	13 55	0 45	20 45	1 2	6 38	0 48	13 25	1 34	15 25	5 39	0 54	1 29	25 16	16 44	6 29
S 23	20 18	23 41	4 22	25 5	2 11	8 31	1 44	15 21	1 47	13 53	0 45	20 45	1 2	6 38	0 48	13 24	1 34	15 25	5 39	0 58	1 31	25 14	16 44	6 29
M24	20 30	26 30	4 48	25 15	2 16	8 55	1 45	15 15	1 49	13 51	0 45	20 46	1 2	6 38	0 48	13 24	1 34	15 25	5 39	1 2	1 32	25 12	16 44	6 30
T 25	20 41	28 0	5 1	25 24	2 20	9 20	1 46	15 9	1 51	13 49	0 45	20 46	1 2	6 38	0 48	13 23	1 34	15 25	5 39	1 7	1 33	25 11	16 43	6 30
W26	20 52	28 8	4 59	25 31	2 24	9 45	1 47	15 4	1 53	13 46	0 45	20 47	1 2	6 38	0 48	13 23	1 34	15 25	5 39	1 12	1 34	25 9	16 43	6 30
T 27	21 3	26 57	4 45	25 38	2 27	10 9	1 47	14 59	1 55	13 44	0 45	20 47	1 2	6 37	0 48	13 22	1 34	15 25	5 40	1 17	1 36	25 7	16 43	6 31
F 28	21 13	24 33	4 18	25 43	2 31	10 33	1 48	14 53	1 58	13 41	0 45	20 47	1 2	6 37	0 48	13 22	1 34	15 26	5 40	1 20	1 37	25 6	16 43	6 31
S 29	21 23	21 7	3 40	25 47	2 34	10 57	1 49	14 48	2 0	13 39	0 44	20 48	1 2	6 37	0 48	13 21	1 34	15 26	5 40	1 23	1 38	25 4	16 42	6 31
S 30	21s32	16s50	2s53	25s50	2s36	11s21	1n49	14n43	2n 2	13s36	0s44	20n48	1s 2	6s37	0s48	13n21	1s34	15n26	5n40	1s24	1s39	25s 2	16n42	6s31

Julian Day Number = 3065822.5, Delta T = 02h33m54s
Ecliptic obliquity = 23°13'32, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'09, Lahiri = 47°26'10

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ASTRODIENST EPHEMERIS for the year 3681
geocentric

DECEMBER 3681 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 44 51	9♐36'11	3♓46	1♑27	6♏11	26♌ 8	25♒38	19°R24	14♓57	10°R29	3♍29	26°R26	25♓44	26♑31	0°R32	M 1
T 2	4 48 48	10°36'14	15°53	2°41	7°24	26°28	25°46	19♋21	14°57	10♉28	3°29	26°D26	25°41	26°37	0♋28	T 2
W 3	4 52 44	11°36'19	28°17	3°53	8°38	26°47	25°54	19°18	14°58	10°27	3°R29	26°R26	25°38	26°44	0°25	W 3
T 4	4 56 41	12°36'25	11♈ 3	5° 3	9°51	27° 6	26° 2	19°14	14°58	10°25	3°29	26♓25	25°35	26°51	0°22	T 4
F 5	5 0 38	13°36'33	24°15	6°11	11° 4	27°24	26°11	19°11	14°59	10°24	3°29	26°22	25°32	26°57	0°19	F 5
S 6	5 4 34	14°36'42	7♉55	7°17	12°18	27°42	26°19	19° 7	15° 0	10°23	3°29	26°17	25°28	27° 4	0°15	S 6
S 7	5 8 31	15°36'53	22° 4	8°20	13°31	27°59	26°28	19° 4	15° 0	10°21	3°28	26° 9	25°25	27°11	0°12	S 7
M 8	5 12 27	16°37'05	6♊38	9°19	14°44	28°16	26°36	19° 0	15° 1	10°20	3°28	25°59	25°22	27°18	0° 8	M 8
T 9	5 16 24	17°37'19	21°31	10°15	15°58	28°32	26°45	18°56	15° 2	10°19	3°28	25°47	25°19	27°24	0° 5	T 9
W10	5 20 20	18°37'34	6♋35	11° 8	17°12	28°48	26°54	18°52	15° 3	10°18	3°28	25°36	25°16	27°31	0° 2	W10
T 11	5 24 17	19°37'52	21°38	11°55	18°25	29° 3	27° 4	18°48	15° 4	10°16	3°28	25°25	25°13	27°38	29♊58	T 11
F 12	5 28 13	20°38'11	6♌31	12°38	19°39	29°18	27°13	18°44	15° 4	10°15	3°28	25°18	25° 9	27°44	29°55	F 12
S 13	5 32 10	21°38'32	21° 8	13°15	20°53	29°32	27°22	18°40	15° 5	10°14	3°27	25°13	25° 6	27°51	29°51	S 13
S 14	5 36 7	22°38'54	5♍25	13°46	22° 7	29°45	27°32	18°36	15° 7	10°13	3°27	25°10	25° 3	27°58	29°48	S 14
M15	5 40 3	23°39'19	19°18	14°10	23°21	29°58	27°41	18°32	15° 8	10°12	3°27	25°10	25° 0	28° 4	29°44	M15
T 16	5 44 0	24°39'45	2♎51	14°26	24°35	0♍10	27°51	18°28	15° 9	10°11	3°26	25°10	24°57	28°11	29°41	T 16
W17	5 47 56	25°40'13	16° 4	14°R34	25°49	0°22	28° 1	18°24	15°10	10°10	3°26	25° 9	24°54	28°18	29°37	W17
T 18	5 51 53	26°40'42	29° 0	14°33	27° 3	0°33	28°11	18°19	15°11	10° 9	3°26	25° 6	24°50	28°25	29°34	T 18
F 19	5 55 49	27°41'14	11♏43	14°21	28°17	0°43	28°21	18°15	15°13	10° 8	3°25	25° 0	24°47	28°31	29°30	F 19
S 20	5 59 46	28°41'47	24°15	13°59	29°31	0°53	28°31	18°10	15°14	10° 7	3°25	24°51	24°44	28°38	29°26	S 20
S 21	6 3 43	29°42'21	6♐37	13°26	0♐45	1° 2	28°42	18° 6	15°15	10° 6	3°24	24°40	24°41	28°45	29°23	S 21
M22	6 7 39	0♑42'58	18°50	12°43	1°59	1°10	28°52	18° 1	15°17	10° 5	3°24	24°26	24°38	28°51	29°19	M22
T 23	6 11 36	1°43'35	0♑56	11°49	3°13	1°17	29° 3	17°57	15°18	10° 4	3°23	24°11	24°34	28°58	29°16	T 23
W24	6 15 32	2°44'14	12°55	10°45	4°28	1°24	29°13	17°52	15°20	10° 3	3°23	23°57	24°31	29° 5	29°12	W24
T 25	6 19 29	3°44'54	24°49	9°34	5°42	1°30	29°24	17°47	15°21	10° 2	3°22	23°43	24°28	29°11	29° 9	T 25
F 26	6 23 25	4°45'35	6♒39	8°16	6°56	1°36	29°35	17°43	15°23	10° 1	3°22	23°33	24°25	29°18	29° 5	F 26
S 27	6 27 22	5°46'18	18°27	6°54	8°11	1°40	29°46	17°38	15°25	10° 0	3°21	23°25	24°22	29°25	29° 2	S 27
S 28	6 31 18	6°47'01	0♓17	5°32	9°25	1°44	29°57	17°33	15°26	10° 0	3°20	23°20	24°19	29°32	28°58	S 28
M29	6 35 15	7°47'45	12°12	4°10	10°40	1°47	0♓ 8	17°28	15°28	9°59	3°20	23°17	24°15	29°38	28°55	M29
T 30	6 39 12	8°48'30	24°16	2°54	11°54	1°49	0°20	17°24	15°30	9°58	3°19	23°D17	24°12	29°45	28°51	T 30
W31	6 43 8	9♑49'16	6♈36	1♑44	13♐ 9	1♍51	0♓31	17♋19	15♓32	9♉58	3♍18	23°R17	24♓ 9	29♑52	28♊48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s42	11 s52	1 s57	25 s51	2 s38	11 s44	1 n50	14 n38	2 n 4	13 s34	0 s44	20 n49	1 s 2	6 s37	0 s48	13 n21	1 s34	15 n26	5 n41	1 s24	1 s41	25 s 0	16 n42	6 s32
T 2	21 50	6 22	0 56	25 52	2 40	12 8	1 50	14 34	2 6	13 31	0 44	20 49	1 2	6 37	0 48	13 20	1 34	15 26	5 41	1 25	1 42	24 59	16 41	6 32
W 3	21 59	0 31	0 n10	25 51	2 41	12 31	1 50	14 29	2 8	13 28	0 44	20 50	1 2	6 36	0 48	13 20	1 34	15 26	5 41	1 24	1 43	24 57	16 41	6 32
T 4	22 6	5 n31	1 17	25 49	2 42	12 53	1 50	14 25	2 10	13 25	0 44	20 50	1 2	6 36	0 48	13 19	1 34	15 27	5 41	1 25	1 44	24 55	16 41	6 33
F 5	22 14	11 31	2 22	25 46	2 42	13 16	1 50	14 21	2 13	13 22	0 44	20 51	1 2	6 36	0 48	13 19	1 34	15 27	5 41	1 26	1 46	24 53	16 41	6 33
S 6	22 21	17 11	3 21	25 42	2 41	13 38	1 50	14 17	2 15	13 20	0 44	20 51	1 2	6 36	0 48	13 19	1 34	15 27	5 42	1 28	1 47	24 52	16 41	6 33
S 7	22 27	22 8	4 9	25 38	2 40	14 0	1 50	14 13	2 17	13 17	0 44	20 52	1 2	6 35	0 48	13 18	1 34	15 27	5 42	1 31	1 48	24 50	16 40	6 33
M 8	22 34	25 53	4 43	25 32	2 38	14 22	1 50	14 9	2 19	13 14	0 44	20 52	1 2	6 35	0 47	13 18	1 34	15 28	5 42	1 35	1 49	24 48	16 40	6 33
T 9	22 39	27 56	4 59	25 25	2 35	14 43	1 50	14 6	2 22	13 11	0 44	20 53	1 2	6 35	0 47	13 18	1 34	15 28	5 42	1 40	1 51	24 46	16 40	6 34
W10	22 45	27 58	4 55	25 17	2 32	15 4	1 49	14 2	2 24	13 7	0 44	20 53	1 2	6 34	0 47	13 17	1 34	15 28	5 43	1 44	1 52	24 44	16 40	6 34
T 11	22 49	25 57	4 30	25 8	2 27	15 25	1 49	13 59	2 26	13 4	0 44	20 54	1 2	6 34	0 47	13 17	1 34	15 28	5 43	1 48	1 53	24 43	16 40	6 34
F 12	22 54	22 8	3 47	24 59	2 22	15 45	1 48	13 56	2 29	13 1	0 44	20 54	1 2	6 33	0 47	13 17	1 34	15 29	5 43	1 51	1 54	24 41	16 39	6 34
S 13	22 58	17 0	2 49	24 49	2 15	16 5	1 48	13 54	2 31	12 58	0 44	20 55	1 2	6 33	0 47	13 16	1 34	15 29	5 43	1 53	1 56	24 39	16 39	6 34
S 14	23 1	11 2	1 42	24 38	2 7	16 24	1 47	13 51	2 34	12 55	0 44	20 56	1 2	6 33	0 47	13 16	1 34	15 29	5 43	1 54	1 57	24 37	16 39	6 34
M15	23 5	4 40	0 31	24 27	1 58	16 43	1 46	13 49	2 36	12 51	0 44	20 56	1 2	6 32	0 47	13 16	1 34	15 30	5 44	1 54	1 58	24 35	16 39	6 35
T 16	23 7	1 s44	0 s40	24 15	1 48	17 2	1 46	13 47	2 38	12 48	0 44	20 57	1 2	6 32	0 47	13 15	1 34	15 30	5 44	1 54	1 59	24 34	16 39	6 35
W17	23 9	7 56	1 48	24 2	1 37	17 20	1 45	13 45	2 41	12 44	0 44	20 57	1 2	6 31	0 47	13 15	1 34	15 30	5 44	1 55	2 1	24 32	16 39	6 35
T 18	23 11	13 39	2 48	23 50	1 24	17 38	1 44	13 44	2 43	12 41	0 44	20 58	1 2	6 31	0 47	13 15	1 34	15 31	5 44	1 56	2 2	24 30	16 39	6 35
F 19	23 12	18 41	3 39	23 36	1 9	17 56	1 43	13 43	2 46	12 37	0 44	20 59	1 2	6 30	0 47	13 14	1 34	15 31	5 45	1 58	2 3	24 28	16 38	6 35
S 20	23 13	22 50	4 18	23 23	0 53	18 13	1 42	13 41	2 48	12 34	0 44	20 59	1 2	6 30	0 47	13 14	1 34	15 31	5 45	2 2	2 4	24 26	16 38	6 35
S 21	23 14	25 54	4 45	23 9	0 36	18 29	1 40	13 41	2 51	12 30	0 44	21 0	1 1	6 29	0 47	13 14	1 34	15 32	5 45	2 6	2 6	24 24	16 38	6 35
M22	23 13	27 43	4 58	22 55	0 18	18 45	1 39	13 40	2 54	12 27	0 44	21 1	1 1	6 28	0 47	13 14	1 34	15 32	5 45	2 12	2 7	24 22	16 38	6 35
T 23	23 13	28 11	4 57	22 41	0 n 1	19 1	1 38	13 40	2 56	12 23	0 44	21 1	1 1	6 28	0 47	13 13	1 33	15 32	5 45	2 17	2 8	24 20	16 38	6 35
W24	23 12	27 18	4 43	22 26	0 21	19 16	1 37	13 40	2 59	12 19	0 44	21 2	1 1	6 27	0 47	13 13	1 33	15 33	5 46	2 23	2 9	24 19	16 38	6 35
T 25	23 10	25 11	4 17	22 12	0 42	19 30	1 35	13 40	3 1	12 16	0 43	21 3	1 1	6 27	0 47	13 13	1 33	15 33	5 46	2 28	2 11	24 17	16 38	6 35
F 26	23 8	22 0	3 40	21 57	1 2	19 44	1 34	13 41	3 4	12 12	0 43	21 3	1 1	6 26	0 47	13 13	1 33	15 34	5 46	2 33	2 12	24 15	16 38	6 36
S 27	23 6	17 54	2 53	21 42	1 21	19 58	1 32	13 42	3 7	12 8	0 43	21 4	1 1	6 25	0 47	13 13	1 33	15 34	5 46	2 36	2 13	24 13	16 38	6 36
S 28	23 3	13 8	1 59	21 28	1 39	20 11	1 30	13 43	3 9	12 4	0 43	21 5	1 1	6 25	0 47	13 12	1 33	15 34	5 46	2 38	2 14	24 11	16 38	6 36
M29	23 0	7 50	0 58	21 14	1 56	20 23	1 29	13 44	3 12	12 0	0 43	21 5	1 1	6 24	0 47	13 12	1 33	15 35	5 47	2 38	2 16	24 9	16 38	6 36
T 30	22 56	2 10	0 n 5	21 1	2 10	20 35	1 27	13 46	3 15	11 56	0 43	21 6	1 1	6 23	0 47	13 12	1 33	15 35	5 47	2 39	2 17	24 7	16 38	6 36
W31	22 s52	3 n40	1 n10	20 s50	2 n23	20 s46	1 n25	13 n48	3 n17	11 s52	0 s43	21 n 7	1 s 1	6 s22	0 s47	13 n12	1 s33	15 n36	5 n47	2 s39	2 s18	24 s 5	16 n38	6 s36

Julian Day Number = 3065852.5, Delta T = 02h33m55s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'14, Lahiri = 47°26'14

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3682
geocentric

JANUARY 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 47 5	10♑50'03	19♈16	0°R42	14♐23	1°R51	0♓43	17°R14	15♓34	9°R57	3°R18	23°R17	24♓ 6	29♑58	28°R44	T 1
F 2	6 51 1	11°50'50	2♉21	29♐51	15°38	1♏51	0°54	17♋ 9	15°36	9♉56	3♏17	23♓15	24° 3	0♒ 5	28♊41	F 2
S 3	6 54 58	12°51'38	15°55	29°11	16°52	1°50	1° 6	17° 4	15°38	9°56	3°16	23°11	24° 0	0°12	28°37	S 3
S 4	6 58 54	13°52'27	0♊ 0	28°42	18° 7	1°48	1°18	16°59	15°40	9°55	3°15	23° 4	23°56	0°18	28°34	S 4
M 5	7 2 51	14°53'17	14°34	28°25	19°22	1°46	1°29	16°54	15°42	9°55	3°15	22°56	23°53	0°25	28°30	M 5
T 6	7 6 47	15°54'08	29°33	28°D18	20°36	1°42	1°41	16°49	15°44	9°54	3°14	22°45	23°50	0°32	28°27	T 6
W 7	7 10 44	16°54'59	14♋47	28°22	21°51	1°38	1°53	16°44	15°46	9°54	3°13	22°35	23°47	0°39	28°24	W 7
T 8	7 14 41	17°55'52	0♌ 7	28°35	23° 6	1°33	2° 6	16°39	15°48	9°54	3°12	22°26	23°44	0°45	28°20	T 8
F 9	7 18 37	18°56'45	15°19	28°57	24°20	1°27	2°18	16°35	15°50	9°53	3°11	22°19	23°40	0°52	28°17	F 9
S 10	7 22 34	19°57'39	0♍16	29°27	25°35	1°20	2°30	16°30	15°53	9°53	3°10	22°14	23°37	0°59	28°14	S 10
S 11	7 26 30	20°58'34	14°49	0♎ 3	26°50	1°13	2°42	16°25	15°55	9°53	3° 9	22°12	23°34	1° 5	28°11	S 11
M12	7 30 27	21°59'30	28°56	0°47	28° 5	1° 4	2°55	16°20	15°57	9°52	3° 8	22°D12	23°31	1°12	28° 8	M12
T 13	7 34 23	23° 0'26	12♎36	1°35	29°20	0°55	3° 7	16°15	16° 0	9°52	3° 7	22°13	23°28	1°19	28° 4	T 13
W14	7 38 20	24° 1'24	25°51	2°29	0♏34	0°45	3°20	16°10	16° 2	9°52	3° 6	22°R13	23°25	1°25	28° 1	W14
T 15	7 42 17	25° 2'23	8♏45	3°27	1°49	0°34	3°32	16° 5	16° 5	9°52	3° 5	22°12	23°21	1°32	27°58	T 15
F 16	7 46 13	26° 3'23	21°21	4°29	3° 4	0°22	3°45	16° 0	16° 7	9°52	3° 4	22° 9	23°18	1°39	27°55	F 16
S 17	7 50 10	27° 4'24	3♐42	5°34	4°19	0° 9	3°58	15°56	16°10	9°51	3° 3	22° 3	23°15	1°45	27°52	S 17
S 18	7 54 6	28° 5'25	15°53	6°43	5°34	29♎56	4°11	15°51	16°12	9°51	3° 2	21°55	23°12	1°52	27°49	S 18
M19	7 58 3	29° 6'27	27°56	7°53	6°49	29°42	4°24	15°46	16°15	9°D51	3° 1	21°45	23° 9	1°59	27°46	M19
T 20	8 1 59	0♒ 7'30	9♏53	9° 6	8° 4	29°27	4°37	15°41	16°17	9°51	3° 0	21°35	23° 6	2° 6	27°43	T 20
W21	8 5 56	1° 8'33	21°46	10°22	9°19	29°11	4°50	15°37	16°20	9°51	2°59	21°24	23° 2	2°12	27°41	W21
T 22	8 9 52	2° 9'36	3♒36	11°38	10°34	28°54	5° 3	15°32	16°23	9°52	2°58	21°15	22°59	2°19	27°38	T 22
F 23	8 13 49	3°10'40	15°26	12°57	11°49	28°37	5°16	15°28	16°26	9°52	2°56	21° 7	22°56	2°26	27°35	F 23
S 24	8 17 46	4°11'44	27°17	14°17	13° 4	28°19	5°29	15°23	16°28	9°52	2°55	21° 2	22°53	2°32	27°33	S 24
S 25	8 21 42	5°12'48	9♓10	15°38	14°19	28° 1	5°42	15°19	16°31	9°52	2°54	20°59	22°50	2°39	27°30	S 25
M26	8 25 39	6°13'53	21° 9	17° 0	15°34	27°41	5°56	15°14	16°34	9°52	2°53	20°D58	22°46	2°46	27°27	M26
T 27	8 29 35	7°14'57	3♈18	18°23	16°49	27°22	6° 9	15°10	16°37	9°52	2°52	20°58	22°43	2°52	27°25	T 27
W28	8 33 32	8°16'01	15°39	19°47	18° 4	27° 1	6°22	15° 5	16°40	9°53	2°50	21° 0	22°40	2°59	27°22	W28
T 29	8 37 28	9°17'05	28°17	21°12	19°19	26°40	6°36	15° 1	16°43	9°53	2°49	21° 1	22°37	3° 6	27°20	T 29
F 30	8 41 25	10°18'09	11♉17	22°38	20°34	26°19	6°49	14°57	16°46	9°53	2°48	21°R 2	22°34	3°12	27°18	F 30
S 31	8 45 21	11♒19'13	24♉41	24♑ 4	21♑50	25♎57	7♓ 3	14♋53	16♓49	9♉54	2♏47	21♓ 1	22♓31	3♒19	27♊16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s47	9n32	2n13	20s41	2n33	20s57	1n23	13n50	3n20	11s48	0s43	21n 7	1s 1	6s22	0s47	13n12	1s33	15n36	5n47	2s39	2s19	24s 3	16n38	6s36
F 2	22 42	15 11	3 12	20 33	2 41	21 7	1 21	13 53	3 23	11 44	0 43	21 8	1 1	6 21	0 47	13 11	1 33	15 37	5 47	2 39	2 21	24 1	16 38	6 35
S 3	22 37	20 19	4 1	20 27	2 46	21 16	1 19	13 56	3 25	11 40	0 43	21 9	1 1	6 20	0 47	13 11	1 33	15 37	5 48	2 41	2 22	23 59	16 38	6 35
S 4	22 31	24 30	4 39	20 24	2 49	21 25	1 17	13 59	3 28	11 36	0 43	21 9	1 0	6 19	0 46	13 11	1 33	15 38	5 48	2 44	2 23	23 57	16 38	6 35
M 5	22 24	27 18	4 59	20 22	2 51	21 33	1 15	14 2	3 31	11 31	0 43	21 10	1 0	6 18	0 46	13 11	1 33	15 38	5 48	2 47	2 24	23 55	16 38	6 35
T 6	22 17	28 14	5 0	20 23	2 50	21 41	1 13	14 6	3 33	11 27	0 43	21 11	1 0	6 18	0 46	13 11	1 33	15 39	5 48	2 51	2 26	23 53	16 38	6 35
W 7	22 10	27 3	4 40	20 25	2 48	21 48	1 11	14 10	3 36	11 23	0 43	21 12	1 0	6 17	0 46	13 11	1 33	15 39	5 48	2 55	2 27	23 51	16 38	6 35
T 8	22 2	23 51	4 0	20 28	2 45	21 54	1 9	14 14	3 39	11 19	0 43	21 12	1 0	6 16	0 46	13 11	1 33	15 40	5 49	2 59	2 28	23 49	16 38	6 35
F 9	21 54	19 1	3 3	20 33	2 41	22 0	1 7	14 19	3 41	11 14	0 43	21 13	1 0	6 15	0 46	13 11	1 33	15 40	5 49	3 2	2 29	23 47	16 38	6 35
S 10	21 45	13 4	1 54	20 38	2 35	22 5	1 4	14 24	3 44	11 10	0 43	21 14	1 0	6 14	0 46	13 11	1 33	15 41	5 49	3 3	2 31	23 45	16 38	6 35
S 11	21 36	6 32	0 39	20 44	2 29	22 9	1 2	14 29	3 47	11 5	0 43	21 14	1 0	6 13	0 46	13 11	1 33	15 41	5 49	3 4	2 32	23 43	16 38	6 35
M12	21 27	0s 8	0s36	20 51	2 22	22 13	1 0	14 34	3 49	11 1	0 43	21 15	1 0	6 12	0 46	13 11	1 33	15 42	5 49	3 4	2 33	23 41	16 38	6 35
T 13	21 17	6 35	1 47	20 58	2 15	22 16	0 58	14 40	3 52	10 57	0 43	21 16	1 0	6 11	0 46	13 11	1 33	15 42	5 49	3 4	2 34	23 39	16 38	6 35
W14	21 7	12 32	2 50	21 5	2 8	22 18	0 55	14 46	3 54	10 52	0 43	21 16	0 59	6 10	0 46	13 11	1 32	15 43	5 50	3 4	2 36	23 37	16 38	6 34
T 15	20 56	17 48	3 42	21 11	2 0	22 20	0 53	14 52	3 57	10 48	0 43	21 17	0 59	6 9	0 46	13 11	1 32	15 43	5 50	3 4	2 37	23 35	16 38	6 34
F 16	20 45	22 10	4 23	21 18	1 51	22 21	0 50	14 59	3 59	10 43	0 43	21 18	0 59	6 8	0 46	13 11	1 32	15 44	5 50	3 5	2 38	23 33	16 39	6 34
S 17	20 33	25 27	4 50	21 24	1 43	22 22	0 48	15 5	4 2	10 38	0 43	21 18	0 59	6 7	0 46	13 11	1 32	15 44	5 50	3 8	2 39	23 31	16 39	6 34
S 18	20 22	27 31	5 4	21 29	1 34	22 21	0 45	15 12	4 4	10 34	0 43	21 19	0 59	6 6	0 46	13 11	1 32	15 45	5 50	3 11	2 41	23 29	16 39	6 34
M19	20 9	28 16	5 4	21 34	1 26	22 20	0 43	15 19	4 6	10 29	0 43	21 20	0 59	6 5	0 46	13 11	1 32	15 45	5 51	3 14	2 42	23 27	16 39	6 34
T 20	19 57	27 41	4 50	21 38	1 17	22 19	0 40	15 27	4 9	10 24	0 43	21 20	0 59	6 4	0 46	13 11	1 32	15 46	5 51	3 19	2 43	23 25	16 39	6 33
W21	19 44	25 50	4 24	21 42	1 8	22 16	0 38	15 34	4 11	10 20	0 43	21 21	0 59	6 3	0 46	13 11	1 32	15 46	5 51	3 23	2 44	23 23	16 39	6 33
T 22	19 30	22 51	3 47	21 44	1 0	22 14	0 35	15 42	4 13	10 15	0 43	21 22	0 58	6 2	0 46	13 11	1 32	15 47	5 51	3 26	2 46	23 21	16 39	6 33
F 23	19 16	18 55	3 0	21 45	0 51	22 10	0 33	15 50	4 15	10 10	0 43	21 22	0 58	6 1	0 46	13 11	1 32	15 48	5 51	3 29	2 47	23 19	16 40	6 33
S 24	19 2	14 15	2 4	21 46	0 42	22 6	0 30	15 58	4 17	10 5	0 43	21 23	0 58	6 0	0 46	13 11	1 32	15 48	5 51	3 32	2 48	23 17	16 40	6 33
S 25	18 48	9 2	1 3	21 46	0 34	22 1	0 27	16 7	4 19	10 0	0 43	21 24	0 58	5 59	0 46	13 11	1 32	15 49	5 51	3 33	2 49	23 15	16 40	6 32
M26	18 33	3 28	0n 1	21 44	0 26	21 55	0 25	16 15	4 21	9 56	0 43	21 24	0 58	5 58	0 46	13 11	1 32	15 49	5 52	3 33	2 51	23 13	16 40	6 32
T 27	18 18	2n19	1 6	21 41	0 17	21 49	0 22	16 24	4 23	9 51	0 43	21 25	0 58	5 57	0 46	13 11	1 32	15 50	5 52	3 33	2 52	23 10	16 40	6 32
W28	18 2	8 6	2 10	21 38	0 9	21 42	0 19	16 32	4 24	9 46	0 43	21 26	0 58	5 55	0 46	13 12	1 32	15 50	5 52	3 32	2 53	23 8	16 41	6 32
T 29	17 46	13 42	3 9	21 33	0 1	21 34	0 17	16 41	4 26	9 41	0 43	21 26	0 57	5 54	0 46	13 12	1 32	15 51	5 52	3 32	2 54	23 6	16 41	6 31
F 30	17 30	18 52	3 59	21 27	0s 7	21 26	0 14	16 50	4 28	9 36	0 43	21 27	0 57	5 53	0 46	13 12	1 32	15 52	5 52	3 31	2 56	23 4	16 41	6 31
S 31	17s14	23n17	4n39	21s20	0s14	21s17	0n12	16n58	4n29	9s31	0s43	21n27	0s57	5s52	0s46	13n12	1s32	15n52	5n52	3s32	2s57	23s 2	16n41	6s31

Julian Day Number = 3065883.5, Delta T = 02h33m56s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'18, Lahiri = 47°26'18

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

FEBRUARY 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 49 18	12♒20'17	8♊34	25♉31	23♉ 5	25°R35	7♓17	14°R49	16♓52	9♉54	2°R45	20°R58	22♓27	3♒26	27°R13	S 1
M 2	8 53 15	13°21'20	22°54	26°59	24°20	25♌12	7°30	14♋45	16°55	9°55	2♍44	20♓54	22°24	3°33	27♊11	M 2
T 3	8 57 11	14°22'23	7♋40	28°27	25°35	24°49	7°44	14°41	16°58	9°55	2°43	20°49	22°21	3°39	27° 9	T 3
W 4	9 1 8	15°23'26	22°45	29°56	26°50	24°26	7°58	14°37	17° 1	9°56	2°41	20°43	22°18	3°46	27° 7	W 4
T 5	9 5 4	16°24'28	8♌ 1	1♒26	28° 5	24° 2	8°12	14°33	17° 4	9°56	2°40	20°38	22°15	3°53	27° 5	T 5
F 6	9 9 1	17°25'30	23°16	2°56	29°20	23°39	8°25	14°29	17° 7	9°57	2°39	20°34	22°12	3°59	27° 3	F 6
S 7	9 12 57	18°26'32	8♍21	4°26	0♒35	23°15	8°39	14°26	17°10	9°58	2°38	20°32	22° 8	4° 6	27° 1	S 7
S 8	9 16 54	19°27'34	23° 7	5°57	1°51	22°51	8°53	14°22	17°13	9°58	2°36	20°D32	22° 5	4°13	27° 0	S 8
M 9	9 20 50	20°28'36	7♎28	7°29	3° 6	22°27	9° 7	14°19	17°16	9°59	2°35	20°33	22° 2	4°19	26°58	M 9
T 10	9 24 47	21°29'37	21°21	9° 1	4°21	22° 3	9°21	14°15	17°20	10° 0	2°33	20°34	21°59	4°26	26°56	T 10
W11	9 28 44	22°30'39	4♏47	10°33	5°36	21°39	9°35	14°12	17°23	10° 0	2°32	20°36	21°56	4°33	26°55	W11
T 12	9 32 40	23°31'40	17°47	12° 6	6°51	21°15	9°49	14° 9	17°26	10° 1	2°31	20°R37	21°52	4°39	26°53	T 12
F 13	9 36 37	24°32'42	0♐25	13°40	8° 7	20°52	10° 3	14° 5	17°29	10° 2	2°29	20°37	21°49	4°46	26°52	F 13
S 14	9 40 33	25°33'43	12°46	15°14	9°22	20°28	10°17	14° 2	17°33	10° 3	2°28	20°35	21°46	4°53	26°51	S 14
S 15	9 44 30	26°34'44	24°53	16°49	10°37	20° 5	10°31	13°59	17°36	10° 4	2°27	20°33	21°43	4°59	26°49	S 15
M16	9 48 26	27°35'45	6♑51	18°24	11°52	19°42	10°45	13°56	17°39	10° 5	2°25	20°30	21°40	5° 6	26°48	M16
T 17	9 52 23	28°36'46	18°43	20° 0	13° 7	19°19	11° 0	13°54	17°43	10° 6	2°24	20°26	21°37	5°13	26°47	T 17
W18	9 56 20	29°37'46	0♒32	21°36	14°23	18°57	11°14	13°51	17°46	10° 7	2°23	20°22	21°33	5°20	26°46	W18
T 19	10 0 16	0♓38'45	12°22	23°13	15°38	18°35	11°28	13°48	17°49	10° 8	2°21	20°19	21°30	5°26	26°45	T 19
F 20	10 4 13	1°39'44	24°14	24°51	16°53	18°13	11°42	13°46	17°53	10° 9	2°20	20°16	21°27	5°33	26°44	F 20
S 21	10 8 9	2°40'42	6♓11	26°29	18° 8	17°52	11°57	13°44	17°56	10°10	2°18	20°14	21°24	5°40	26°43	S 21
S 22	10 12 6	3°41'40	18°13	28° 8	19°24	17°32	12°11	13°41	18° 0	10°11	2°17	20°D14	21°21	5°46	26°42	S 22
M23	10 16 2	4°42'36	0♈23	29°47	20°39	17°12	12°25	13°39	18° 3	10°12	2°16	20°14	21°18	5°53	26°42	M23
T 24	10 19 59	5°43'32	12°44	1♓27	21°54	16°53	12°39	13°37	18° 6	10°13	2°14	20°15	21°14	6° 0	26°41	T 24
W25	10 23 55	6°44'27	25°16	3° 8	23° 9	16°34	12°54	13°35	18°10	10°15	2°13	20°16	21°11	6° 6	26°40	W25
T 26	10 27 52	7°45'21	8♉ 2	4°50	24°25	16°16	13° 8	13°33	18°13	10°16	2°11	20°17	21° 8	6°13	26°40	T 26
F 27	10 31 48	8°46'13	21° 6	6°32	25°40	15°59	13°22	13°31	18°17	10°17	2°10	20°18	21° 5	6°20	26°40	F 27
S 28	10 35 45	9♓47'05	4♊28	8♓15	26♒55	15♌42	13♓37	13♋30	18♓20	10♉18	2♍ 9	20°R19	21♓ 2	6♒26	26♊39	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s57	26n32	5n 4	21s12	0s22	21s 7	0n 9	17n 7	4n30	9s26	0s43	21n28	0s57	5s51	0s46	13n12	1s32	15n53	5n52	3s33	2s58	23s 0	16n41	6s30
M 2	16 40	28 12	5 11	21 3	0 29	20 57	0 6	17 16	4 31	9 21	0 43	21 29	0 57	5 50	0 46	13 12	1 32	15 53	5 53	3 35	2 59	22 58	16 42	6 30
T 3	16 22	27 58	4 58	20 52	0 36	20 46	0 4	17 25	4 33	9 16	0 43	21 29	0 57	5 48	0 46	13 13	1 31	15 54	5 53	3 37	3 1	22 56	16 42	6 30
W 4	16 5	25 40	4 24	20 41	0 43	20 35	0 1	17 34	4 34	9 11	0 43	21 30	0 57	5 47	0 46	13 13	1 31	15 55	5 53	3 39	3 2	22 53	16 42	6 30
T 5	15 47	21 30	3 31	20 28	0 49	20 23	0s 1	17 42	4 34	9 6	0 43	21 30	0 56	5 46	0 46	13 13	1 31	15 55	5 53	3 41	3 3	22 51	16 42	6 29
F 6	15 28	15 54	2 23	20 14	0 56	20 10	0 4	17 51	4 35	9 1	0 43	21 31	0 56	5 45	0 46	13 13	1 31	15 56	5 53	3 42	3 4	22 49	16 43	6 29
S 7	15 10	9 23	1 6	19 59	1 2	19 57	0 7	17 59	4 36	8 56	0 43	21 31	0 56	5 44	0 46	13 14	1 31	15 56	5 53	3 43	3 5	22 47	16 43	6 29
S 8	14 51	2 29	0s14	19 43	1 8	19 43	0 9	18 8	4 36	8 50	0 43	21 32	0 56	5 42	0 46	13 14	1 31	15 57	5 53	3 43	3 7	22 45	16 43	6 28
M 9	14 32	4s20	1 32	19 26	1 14	19 29	0 12	18 16	4 37	8 45	0 44	21 32	0 56	5 41	0 46	13 14	1 31	15 57	5 53	3 43	3 8	22 43	16 44	6 28
T 10	14 13	10 45	2 41	19 7	1 19	19 14	0 14	18 24	4 37	8 40	0 44	21 33	0 56	5 40	0 46	13 14	1 31	15 58	5 53	3 42	3 9	22 40	16 44	6 28
W11	13 53	16 27	3 39	18 47	1 24	18 58	0 17	18 32	4 37	8 35	0 44	21 33	0 55	5 39	0 46	13 15	1 31	15 59	5 54	3 42	3 10	22 38	16 44	6 27
T 12	13 33	21 13	4 24	18 27	1 29	18 42	0 19	18 40	4 37	8 30	0 44	21 34	0 55	5 37	0 46	13 15	1 31	15 59	5 54	3 41	3 12	22 36	16 44	6 27
F 13	13 13	24 52	4 55	18 5	1 34	18 26	0 22	18 48	4 37	8 24	0 44	21 34	0 55	5 36	0 45	13 15	1 31	16 0	5 54	3 41	3 13	22 34	16 45	6 27
S 14	12 53	27 16	5 11	17 42	1 39	18 8	0 24	18 55	4 37	8 19	0 44	21 35	0 55	5 35	0 45	13 16	1 31	16 0	5 54	3 42	3 14	22 32	16 45	6 26
S 15	12 33	28 21	5 13	17 17	1 43	17 51	0 27	19 2	4 37	8 14	0 44	21 35	0 55	5 33	0 45	13 16	1 31	16 1	5 54	3 43	3 15	22 29	16 45	6 26
M16	12 12	28 4	5 2	16 52	1 47	17 32	0 29	19 9	4 36	8 9	0 44	21 36	0 55	5 32	0 45	13 16	1 31	16 2	5 54	3 44	3 17	22 27	16 46	6 26
T 17	11 51	26 30	4 37	16 26	1 50	17 14	0 31	19 16	4 36	8 3	0 44	21 36	0 54	5 31	0 45	13 17	1 31	16 2	5 54	3 46	3 18	22 25	16 46	6 25
W18	11 30	23 46	4 1	15 58	1 53	16 54	0 34	19 22	4 35	7 58	0 44	21 37	0 54	5 29	0 45	13 17	1 31	16 3	5 54	3 47	3 19	22 23	16 46	6 25
T 19	11 9	20 3	3 14	15 30	1 56	16 35	0 36	19 28	4 35	7 53	0 44	21 37	0 54	5 28	0 45	13 17	1 31	16 3	5 54	3 48	3 20	22 20	16 47	6 25
F 20	10 47	15 30	2 19	15 0	1 59	16 14	0 38	19 34	4 34	7 47	0 44	21 38	0 54	5 27	0 45	13 18	1 31	16 4	5 54	3 49	3 22	22 18	16 47	6 24
S 21	10 26	10 22	1 17	14 29	2 1	15 54	0 40	19 40	4 33	7 42	0 44	21 38	0 54	5 26	0 45	13 18	1 31	16 4	5 54	3 50	3 23	22 16	16 47	6 24
S 22	10 4	4 47	0 11	13 57	2 3	15 33	0 42	19 45	4 32	7 37	0 44	21 38	0 54	5 24	0 45	13 18	1 31	16 5	5 55	3 50	3 24	22 14	16 48	6 23
M23	9 42	1n 1	0n56	13 24	2 5	15 11	0 45	19 50	4 31	7 31	0 44	21 39	0 53	5 23	0 45	13 19	1 31	16 6	5 55	3 50	3 25	22 11	16 48	6 23
T 24	9 20	6 51	2 1	12 50	2 6	14 49	0 47	19 55	4 29	7 26	0 44	21 39	0 53	5 22	0 45	13 19	1 30	16 6	5 55	3 50	3 27	22 9	16 48	6 23
W25	8 58	12 31	3 2	12 14	2 7	14 27	0 49	20 0	4 28	7 20	0 44	21 40	0 53	5 20	0 45	13 20	1 30	16 7	5 55	3 49	3 28	22 7	16 49	6 22
T 26	8 35	17 46	3 55	11 38	2 7	14 4	0 51	20 4	4 27	7 15	0 44	21 40	0 53	5 19	0 45	13 20	1 30	16 7	5 55	3 49	3 29	22 5	16 49	6 22
F 27	8 13	22 19	4 37	11 1	2 7	13 41	0 53	20 8	4 25	7 10	0 44	21 40	0 53	5 18	0 45	13 20	1 30	16 8	5 55	3 48	3 30	22 2	16 50	6 22
S 28	7s50	25n51	5n 5	10s22	2s 7	13s17	0s55	20n11	4n24	7s 4	0s44	21n41	0s52	5s16	0s45	13n21	1s30	16n 8	5n55	3s48	3s32	22s 0	16n50	6s21

Julian Day Number = 3065914.5, Delta T = 02h33m57s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'22, Lahiri = 47°26'23

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

MARCH 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 39 42	10♓47'55	18♊12	9♓58	28♒10	15°R26	13♓51	13°R28	18♓24	10♉20	2°R 7	20°R19	20♓58	6♒33	26°R39	S 1
M 2	10 43 38	11°48'44	2♋17	11°43	29°25	15♌11	14° 5	13♋27	18°27	10°21	2♍ 6	20♓18	20°55	6°40	26♊39	M 2
T 3	10 47 35	12°49'32	16°42	13°28	0♈41	14°56	14°20	13°25	18°31	10°23	2° 5	20°18	20°52	6°46	26°39	T 3
W 4	10 51 31	13°50'18	1♌25	15°13	1°56	14°43	14°34	13°24	18°34	10°24	2° 3	20°17	20°49	6°53	26°D39	W 4
T 5	10 55 28	14°51'03	16°19	17° 0	3°11	14°30	14°48	13°23	18°38	10°25	2° 2	20°16	20°46	7° 0	26°39	T 5
F 6	10 59 24	15°51'47	1♍17	18°47	4°26	14°17	15° 3	13°22	18°41	10°27	2° 1	20°16	20°43	7° 6	26°39	F 6
S 7	11 3 21	16°52'29	16°12	20°35	5°41	14° 6	15°17	13°21	18°44	10°28	1°59	20°D16	20°39	7°13	26°39	S 7
S 8	11 7 17	17°53'10	0♎54	22°23	6°57	13°55	15°31	13°20	18°48	10°30	1°58	20°16	20°36	7°20	26°40	S 8
M 9	11 11 14	18°53'50	15°18	24°12	8°12	13°46	15°46	13°20	18°51	10°31	1°57	20°16	20°33	7°27	26°40	M 9
T 10	11 15 11	19°54'29	29°18	26° 1	9°27	13°37	16° 0	13°19	18°55	10°33	1°55	20°R16	20°30	7°33	26°40	T 10
W11	11 19 7	20°55'07	12♏52	27°51	10°42	13°28	16°14	13°19	18°58	10°35	1°54	20°16	20°27	7°40	26°41	W11
T 12	11 23 4	21°55'44	26° 1	29°41	11°57	13°21	16°29	13°18	19° 2	10°36	1°53	20°16	20°24	7°47	26°42	T 12
F 13	11 27 0	22°56'20	8♐47	1♈31	13°12	13°14	16°43	13°18	19° 5	10°38	1°51	20°15	20°20	7°53	26°42	F 13
S 14	11 30 57	23°56'55	21°12	3°21	14°28	13° 8	16°57	13°18	19° 9	10°40	1°50	20°D15	20°17	8° 0	26°43	S 14
S 15	11 34 53	24°57'29	3♑21	5°11	15°43	13° 3	17°12	13°D18	19°12	10°41	1°49	20°15	20°14	8° 7	26°44	S 15
M16	11 38 50	25°58'02	15°18	7° 1	16°58	12°59	17°26	13°18	19°16	10°43	1°48	20°16	20°11	8°13	26°45	M16
T 17	11 42 46	26°58'34	27° 9	8°49	18°13	12°56	17°40	13°18	19°19	10°45	1°46	20°16	20° 8	8°20	26°46	T 17
W18	11 46 43	27°59'04	8♒58	10°37	19°28	12°53	17°55	13°18	19°23	10°46	1°45	20°17	20° 4	8°27	26°47	W18
T 19	11 50 40	28°59'33	20°49	12°24	20°43	12°51	18° 9	13°19	19°26	10°48	1°44	20°18	20° 1	8°33	26°48	T 19
F 20	11 54 36	0♈ 0'01	2♓44	14° 8	21°59	12°50	18°23	13°19	19°30	10°50	1°43	20°19	19°58	8°40	26°49	F 20
S 21	11 58 33	1° 0'27	14°48	15°51	23°14	12°D49	18°37	13°20	19°33	10°52	1°41	20°R19	19°55	8°47	26°50	S 21
S 22	12 2 29	2° 0'52	27° 3	17°31	24°29	12°50	18°52	13°21	19°37	10°54	1°40	20°19	19°52	8°53	26°52	S 22
M23	12 6 26	3° 1'15	9♈29	19° 8	25°44	12°51	19° 6	13°22	19°40	10°56	1°39	20°19	19°49	9° 0	26°53	M23
T 24	12 10 22	4° 1'37	22° 7	20°41	26°59	12°53	19°20	13°23	19°43	10°58	1°38	20°17	19°45	9° 7	26°55	T 24
W25	12 14 19	5° 1'57	5♉ 0	22° 9	28°14	12°55	19°34	13°24	19°47	10°59	1°37	20°15	19°42	9°13	26°56	W25
T 26	12 18 15	6° 2'16	18° 6	23°33	29°29	12°58	19°48	13°25	19°50	11° 1	1°36	20°13	19°39	9°20	26°58	T 26
F 27	12 22 12	7° 2'32	1♊25	24°51	0♈44	13° 2	20° 2	13°27	19°54	11° 3	1°35	20°11	19°36	9°27	26°59	F 27
S 28	12 26 9	8° 2'47	14°58	26° 3	1°59	13° 7	20°16	13°28	19°57	11° 5	1°34	20° 9	19°33	9°33	27° 1	S 28
S 29	12 30 5	9° 3'00	28°44	27° 8	3°14	13°12	20°30	13°30	20° 0	11° 7	1°32	20° 8	19°29	9°40	27° 3	S 29
M30	12 34 2	10° 3'11	12♋43	28° 6	4°29	13°18	20°44	13°31	20° 4	11° 9	1°31	20°D 7	19°26	9°47	27° 5	M30
T 31	12 37 58	11♈ 3'20	26♋53	28♈56	5♈44	13♌25	20♓58	13♋33	20♓ 7	11♉11	1♍30	20♓ 8	19♓23	9♒53	27♊ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s27	27n58	5n17	9s43	2s 6	12s53	0s57	20n15	4n22	6s59	0s44	21n41	0s52	5s15	0s45	13n21	1s30	16n 9	5n55	3s48	3s33	21s58	16n50	6s21
M 2	7 4	28 23	5 10	9 2	2 5	12 29	0 58	20 17	4 21	6 53	0 44	21 41	0 52	5 13	0 45	13 22	1 30	16 9	5 55	3 48	3 34	21 55	16 51	6 20
T 3	6 41	26 54	4 44	8 21	2 3	12 4	1 0	20 20	4 19	6 48	0 44	21 42	0 52	5 12	0 45	13 22	1 30	16 10	5 55	3 49	3 35	21 53	16 51	6 20
W 4	6 18	23 33	3 59	7 38	2 1	11 39	1 2	20 23	4 17	6 43	0 45	21 42	0 52	5 11	0 45	13 23	1 30	16 11	5 55	3 49	3 37	21 51	16 51	6 20
T 5	5 55	18 38	2 58	6 55	1 58	11 14	1 4	20 25	4 15	6 37	0 45	21 42	0 52	5 9	0 45	13 23	1 30	16 11	5 55	3 49	3 38	21 48	16 52	6 19
F 6	5 32	12 32	1 43	6 10	1 55	10 49	1 5	20 26	4 14	6 32	0 45	21 43	0 51	5 8	0 45	13 24	1 30	16 12	5 55	3 49	3 39	21 46	16 52	6 19
S 7	5 8	5 45	0 23	5 25	1 52	10 23	1 7	20 28	4 12	6 26	0 45	21 43	0 51	5 7	0 45	13 24	1 30	16 12	5 55	3 50	3 40	21 44	16 53	6 18
S 8	4 45	1s15	0s59	4 39	1 47	9 57	1 8	20 29	4 10	6 21	0 45	21 43	0 51	5 5	0 45	13 25	1 30	16 13	5 55	3 50	3 41	21 41	16 53	6 18
M 9	4 21	8 3	2 15	3 51	1 43	9 30	1 10	20 30	4 8	6 15	0 45	21 43	0 51	5 4	0 45	13 25	1 30	16 13	5 55	3 49	3 43	21 39	16 53	6 18
T 10	3 58	14 15	3 20	3 4	1 37	9 3	1 11	20 31	4 6	6 10	0 45	21 44	0 51	5 3	0 45	13 26	1 30	16 14	5 55	3 49	3 44	21 37	16 54	6 17
W11	3 34	19 35	4 13	2 15	1 31	8 37	1 13	20 31	4 4	6 4	0 45	21 44	0 50	5 1	0 45	13 26	1 30	16 14	5 55	3 49	3 45	21 34	16 54	6 17
T 12	3 10	23 47	4 50	1 25	1 25	8 9	1 14	20 31	4 2	5 59	0 45	21 44	0 50	5 0	0 45	13 27	1 30	16 15	5 55	3 50	3 46	21 32	16 55	6 16
F 13	2 47	26 41	5 11	0 36	1 18	7 42	1 15	20 31	3 59	5 54	0 45	21 44	0 50	4 59	0 45	13 27	1 30	16 15	5 55	3 50	3 48	21 30	16 55	6 16
S 14	2 23	28 13	5 17	0n15	1 10	7 14	1 16	20 31	3 57	5 48	0 45	21 44	0 50	4 57	0 45	13 28	1 30	16 15	5 55	3 50	3 49	21 27	16 56	6 16
S 15	1 59	28 20	5 9	1 6	1 2	6 47	1 17	20 30	3 55	5 43	0 45	21 45	0 50	4 56	0 45	13 28	1 30	16 16	5 55	3 50	3 50	21 25	16 56	6 15
M16	1 35	27 7	4 48	1 57	0 53	6 19	1 18	20 29	3 53	5 37	0 45	21 45	0 50	4 55	0 45	13 29	1 30	16 16	5 55	3 49	3 51	21 23	16 56	6 15
T 17	1 12	24 42	4 14	2 48	0 43	5 50	1 19	20 28	3 51	5 32	0 45	21 45	0 49	4 53	0 45	13 30	1 30	16 17	5 55	3 49	3 53	21 20	16 57	6 15
W18	0 48	21 14	3 30	3 40	0 33	5 22	1 20	20 27	3 49	5 26	0 46	21 45	0 49	4 52	0 45	13 30	1 30	16 17	5 55	3 49	3 54	21 18	16 57	6 14
T 19	0 24	16 54	2 37	4 31	0 22	4 54	1 21	20 25	3 46	5 21	0 46	21 45	0 49	4 51	0 45	13 31	1 30	16 18	5 55	3 49	3 55	21 15	16 58	6 14
F 20	0n 0	11 54	1 36	5 22	0 11	4 25	1 22	20 24	3 44	5 15	0 46	21 45	0 49	4 49	0 45	13 31	1 30	16 18	5 55	3 48	3 56	21 13	16 58	6 13
S 21	0 24	6 24	0 31	6 12	0n 1	3 56	1 23	20 22	3 42	5 10	0 46	21 45	0 49	4 48	0 45	13 32	1 30	16 19	5 55	3 48	3 58	21 11	16 58	6 13
S 22	0 48	0 36	0n37	7 2	0 14	3 27	1 24	20 20	3 40	5 4	0 46	21 46	0 48	4 47	0 45	13 33	1 30	16 19	5 55	3 48	3 59	21 8	16 59	6 13
M23	1 11	5n19	1 44	7 50	0 26	2 58	1 24	20 17	3 38	4 59	0 46	21 46	0 48	4 45	0 45	13 33	1 29	16 19	5 55	3 48	4 0	21 6	16 59	6 12
T 24	1 35	11 8	2 47	8 37	0 40	2 29	1 25	20 14	3 35	4 54	0 46	21 46	0 48	4 44	0 45	13 34	1 29	16 20	5 55	3 49	4 1	21 3	17 0	6 12
W25	1 59	16 34	3 43	9 22	0 53	2 0	1 25	20 12	3 33	4 48	0 46	21 46	0 48	4 43	0 45	13 34	1 29	16 20	5 55	3 50	4 3	21 1	17 0	6 11
T 26	2 23	21 21	4 28	10 6	1 7	1 31	1 26	20 9	3 31	4 43	0 46	21 46	0 48	4 41	0 45	13 35	1 29	16 21	5 55	3 51	4 4	20 58	17 1	6 11
F 27	2 46	25 8	4 59	10 47	1 20	1 2	1 26	20 5	3 29	4 37	0 46	21 46	0 48	4 40	0 45	13 36	1 29	16 21	5 55	3 51	4 5	20 56	17 1	6 11
S 28	3 10	27 35	5 14	11 26	1 34	0 32	1 26	20 2	3 27	4 32	0 46	21 46	0 47	4 39	0 45	13 36	1 29	16 21	5 55	3 52	4 6	20 54	17 1	6 10
S 29	3 33	28 25	5 12	12 2	1 48	0 3	1 27	19 58	3 25	4 27	0 47	21 46	0 47	4 37	0 45	13 37	1 29	16 22	5 55	3 53	4 7	20 51	17 2	6 10
M30	3 57	27 28	4 52	12 35	2 1	0n26	1 27	19 55	3 22	4 21	0 47	21 46	0 47	4 36	0 45	13 37	1 29	16 22	5 55	3 53	4 9	20 49	17 2	6 10
T 31	4n20	24n44	4n13	13n 5	2n14	0n56	1s27	19n51	3n20	4s16	0s47	21n46	0s47	4s35	0s45	13n38	1s29	16n22	5n55	3s52	4s10	20s46	17n 3	6s 9

Julian Day Number = 3065942.5, Delta T = 02h33m58s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'26, Lahiri = 47°26'27

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

APRIL 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 41 55	12♈ 3'27	11♌13	29♈39	6♈59	13♌32	21♓12	13♋35	20♓10	11♉13	1°R29	20♓ 9	19♓20	10♒ 0	27♊ 9	W 1
T 2	12 45 51	13° 3'31	25°41	0♉12	8°14	13°40	21°26	13°37	20°13	11°15	1♍28	20°11	19°17	10° 7	27°11	T 2
F 3	12 49 48	14° 3'34	10♍11	0°37	9°29	13°49	21°40	13°39	20°17	11°17	1°27	20°12	19°14	10°13	27°13	F 3
S 4	12 53 44	15° 3'35	24°41	0°52	10°44	13°58	21°54	13°41	20°20	11°19	1°27	20°R12	19°10	10°20	27°16	S 4
S 5	12 57 41	16° 3'34	9♎ 3	0°R59	11°59	14° 7	22° 7	13°44	20°23	11°22	1°26	20°11	19° 7	10°27	27°18	S 5
M 6	13 1 37	17° 3'31	23°13	0°57	13°14	14°18	22°21	13°46	20°26	11°24	1°25	20° 8	19° 4	10°33	27°20	M 6
T 7	13 5 34	18° 3'26	7♏ 6	0°46	14°29	14°28	22°35	13°48	20°30	11°26	1°24	20° 5	19° 1	10°40	27°23	T 7
W 8	13 9 31	19° 3'19	20°39	0°27	15°44	14°40	22°48	13°51	20°33	11°28	1°23	20° 0	18°58	10°47	27°25	W 8
T 9	13 13 27	20° 3'11	3♐50	29♈59	16°59	14°52	23° 2	13°54	20°36	11°30	1°22	19°55	18°55	10°53	27°28	T 9
F 10	13 17 24	21° 3'02	16°39	29°26	18°14	15° 4	23°16	13°57	20°39	11°32	1°21	19°51	18°51	11° 0	27°31	F 10
S 11	13 21 20	22° 2'50	29° 7	28°46	19°28	15°17	23°29	14° 0	20°42	11°34	1°20	19°47	18°48	11° 7	27°33	S 11
S 12	13 25 17	23° 2'38	11♑19	28° 1	20°43	15°30	23°43	14° 3	20°45	11°37	1°20	19°45	18°45	11°14	27°36	S 12
M13	13 29 13	24° 2'23	23°19	27°11	21°58	15°44	23°56	14° 6	20°48	11°39	1°19	19°D44	18°42	11°20	27°39	M13
T 14	13 33 10	25° 2'07	5♒11	26°18	23°13	15°59	24° 9	14° 9	20°51	11°41	1°18	19°45	18°39	11°27	27°42	T 14
W15	13 37 6	26° 1'49	17° 0	25°24	24°28	16°14	24°23	14°12	20°54	11°43	1°17	19°46	18°35	11°34	27°45	W15
T 16	13 41 3	27° 1'30	28°52	24°29	25°42	16°29	24°36	14°16	20°57	11°45	1°17	19°48	18°32	11°40	27°48	T 16
F 17	13 45 0	28° 1'08	10♓51	23°35	26°57	16°45	24°49	14°19	21° 0	11°48	1°16	19°49	18°29	11°47	27°51	F 17
S 18	13 48 56	29° 0'45	23° 1	22°42	28°12	17° 1	25° 2	14°23	21° 3	11°50	1°15	19°R50	18°26	11°54	27°54	S 18
S 19	13 52 53	0♉ 0'20	5♈25	21°52	29°27	17°17	25°15	14°27	21° 6	11°52	1°15	19°48	18°23	12° 0	27°57	S 19
M20	13 56 49	0°59'54	18° 6	21° 5	0♉41	17°35	25°28	14°30	21° 9	11°54	1°14	19°45	18°20	12° 7	28° 0	M20
T 21	14 0 46	1°59'25	1♉ 5	20°23	1°56	17°52	25°41	14°34	21°12	11°56	1°14	19°40	18°16	12°14	28° 4	T 21
W22	14 4 42	2°58'55	14°21	19°45	3°11	18°10	25°54	14°38	21°15	11°59	1°13	19°33	18°13	12°20	28° 7	W22
T 23	14 8 39	3°58'23	27°53	19°12	4°25	18°28	26° 7	14°42	21°18	12° 1	1°13	19°26	18°10	12°27	28°10	T 23
F 24	14 12 35	4°57'49	11♊38	18°45	5°40	18°47	26°20	14°46	21°20	12° 3	1°12	19°18	18° 7	12°34	28°14	F 24
S 25	14 16 32	5°57'12	25°32	18°24	6°55	19° 6	26°33	14°51	21°23	12° 5	1°12	19°12	18° 4	12°40	28°17	S 25
S 26	14 20 29	6°56'34	9♋34	18° 8	8° 9	19°25	26°45	14°55	21°26	12° 8	1°11	19° 7	18° 1	12°47	28°21	S 26
M27	14 24 25	7°55'53	23°40	17°58	9°24	19°45	26°58	14°59	21°28	12°10	1°11	19° 4	17°57	12°54	28°25	M27
T 28	14 28 22	8°55'10	7♌48	17°D54	10°39	20° 5	27°10	15° 4	21°31	12°12	1°10	19°D 3	17°54	13° 0	28°28	T 28
W29	14 32 18	9°54'25	21°56	17°56	11°53	20°26	27°23	15° 9	21°34	12°15	1°10	19° 3	17°51	13° 7	28°32	W29
T 30	14 36 15	10♉53'37	6♍ 4	18♈ 2	13♉ 8	20♌47	27♓35	15♋13	21♓36	12♉17	1♍10	19♓ 4	17♓48	13♒14	28♊36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	4n44	20n26	3n19	13n32	2n26	1n25	1s27	19n47	3n18	4s11	0s47	21n46	0s47	4s34	0s45	13n39	1s29	16n23	5n55	3s52	4s11	20s44	17n 3	6s	9
T 2	5 7	14 54	2 11	13 54	2 38	1 54	1 27	19 42	3 16	4 5	0 47	21 46	0 47	4 32	0 45	13 39	1 29	16 23	5 55	3 51	4 12	20 41	17 3	6	8
F 3	5 30	8 32	0 55	14 13	2 48	2 24	1 27	19 38	3 14	4 0	0 47	21 46	0 46	4 31	0 46	13 40	1 29	16 23	5 55	3 51	4 14	20 39	17 4	6	8
S 4	5 53	1 43	0s25	14 27	2 58	2 53	1 27	19 33	3 12	3 55	0 47	21 46	0 46	4 30	0 46	13 41	1 29	16 24	5 55	3 51	4 15	20 36	17 4	6	8
S 5	6 16	5s 7	1 42	14 38	3 6	3 22	1 27	19 28	3 10	3 49	0 47	21 46	0 46	4 28	0 46	13 41	1 29	16 24	5 55	3 51	4 16	20 34	17 5	6	7
M 6	6 39	11 36	2 51	14 43	3 13	3 51	1 26	19 23	3 8	3 44	0 47	21 46	0 46	4 27	0 46	13 42	1 29	16 24	5 55	3 52	4 17	20 31	17 5	6	7
T 7	7 1	17 23	3 49	14 45	3 19	4 20	1 26	19 18	3 6	3 39	0 47	21 46	0 46	4 26	0 46	13 43	1 29	16 25	5 55	3 54	4 19	20 29	17 5	6	7
W 8	7 24	22 8	4 33	14 42	3 23	4 49	1 26	19 13	3 4	3 34	0 48	21 46	0 45	4 25	0 46	13 43	1 29	16 25	5 55	3 56	4 20	20 26	17 6	6	6
T 9	7 46	25 39	5 1	14 34	3 25	5 18	1 25	19 8	3 1	3 28	0 48	21 45	0 45	4 24	0 46	13 44	1 29	16 25	5 55	3 57	4 21	20 24	17 6	6	6
F 10	8 9	27 44	5 12	14 23	3 25	5 47	1 25	19 2	2 59	3 23	0 48	21 45	0 45	4 22	0 46	13 45	1 29	16 25	5 55	3 59	4 22	20 21	17 7	6	6
S 11	8 31	28 22	5 9	14 7	3 24	6 15	1 24	18 56	2 58	3 18	0 48	21 45	0 45	4 21	0 46	13 45	1 29	16 26	5 55	4 1	4 24	20 19	17 7	6	5
S 12	8 53	27 35	4 51	13 47	3 20	6 44	1 23	18 50	2 56	3 13	0 48	21 45	0 45	4 20	0 46	13 46	1 29	16 26	5 55	4 1	4 25	20 16	17 7	6	5
M13	9 15	25 31	4 21	13 24	3 15	7 12	1 23	18 44	2 54	3 8	0 48	21 45	0 45	4 19	0 46	13 47	1 29	16 26	5 55	4 2	4 26	20 14	17 8	6	5
T 14	9 36	22 21	3 40	12 59	3 7	7 40	1 22	18 38	2 52	3 2	0 48	21 45	0 44	4 18	0 46	13 47	1 29	16 26	5 54	4 2	4 27	20 11	17 8	6	4
W15	9 58	18 18	2 49	12 30	2 58	8 8	1 21	18 32	2 50	2 57	0 48	21 45	0 44	4 17	0 46	13 48	1 29	16 26	5 54	4 1	4 28	20 9	17 8	6	4
T 16	10 19	13 31	1 52	12 0	2 48	8 36	1 20	18 26	2 48	2 52	0 49	21 44	0 44	4 15	0 46	13 49	1 29	16 27	5 54	4 0	4 30	20 6	17 9	6	4
F 17	10 41	8 11	0 49	11 29	2 36	9 4	1 19	18 19	2 46	2 47	0 49	21 44	0 44	4 14	0 46	13 49	1 29	16 27	5 54	4 0	4 31	20 4	17 9	6	3
S 18	11 2	2 29	0n17	10 58	2 22	9 31	1 18	18 12	2 44	2 42	0 49	21 44	0 44	4 13	0 46	13 50	1 29	16 27	5 54	4 0	4 32	20 1	17 10	6	3
S 19	11 22	3n25	1 24	10 26	2 8	9 58	1 17	18 5	2 42	2 37	0 49	21 44	0 44	4 12	0 46	13 51	1 29	16 27	5 54	4 0	4 33	19 59	17 10	6	3
M20	11 43	9 19	2 27	9 54	1 53	10 25	1 16	17 59	2 40	2 32	0 49	21 43	0 43	4 11	0 46	13 51	1 29	16 27	5 54	4 1	4 35	19 56	17 10	6	2
T 21	12 4	14 57	3 25	9 24	1 37	10 52	1 15	17 51	2 39	2 27	0 49	21 43	0 43	4 10	0 46	13 52	1 29	16 27	5 54	4 3	4 36	19 53	17 11	6	2
W22	12 24	20 1	4 12	8 55	1 21	11 19	1 14	17 44	2 37	2 22	0 49	21 43	0 43	4 9	0 46	13 53	1 29	16 28	5 54	4 6	4 37	19 51	17 11	6	2
T 23	12 44	24 10	4 47	8 28	1 5	11 45	1 12	17 37	2 35	2 17	0 50	21 43	0 43	4 8	0 46	13 54	1 29	16 28	5 54	4 9	4 38	19 48	17 11	6	2
F 24	13 4	27 1	5 5	8 3	0 49	12 11	1 11	17 29	2 33	2 12	0 50	21 42	0 43	4 7	0 46	13 54	1 29	16 28	5 54	4 12	4 40	19 46	17 12	6	1
S 25	13 23	28 15	5 6	7 40	0 33	12 36	1 9	17 22	2 32	2 7	0 50	21 42	0 43	4 6	0 46	13 55	1 29	16 28	5 54	4 14	4 41	19 43	17 12	6	1
S 26	13 43	27 41	4 49	7 19	0 17	13 2	1 8	17 14	2 30	2 3	0 50	21 42	0 43	4 5	0 46	13 56	1 29	16 28	5 54	4 16	4 42	19 41	17 12	6	1
M27	14 2	25 20	4 14	7 1	0 2	13 27	1 7	17 6	2 28	1 58	0 50	21 41	0 42	4 4	0 46	13 56	1 29	16 28	5 54	4 18	4 43	19 38	17 13	6	0
T 28	14 21	21 26	3 24	6 46	0s13	13 51	1 5	16 58	2 26	1 53	0 50	21 41	0 42	4 2	0 46	13 57	1 29	16 28	5 54	4 18	4 44	19 35	17 13	6	0
W29	14 39	16 18	2 21	6 33	0 27	14 16	1 3	16 50	2 25	1 48	0 50	21 41	0 42	4 2	0 46	13 58	1 29	16 28	5 53	4 18	4 46	19 33	17 13	6	0
T 30	14n58	10n17	1n 9	6n23	0s41	14n39	1s 2	16n42	2n23	1s44	0s51	21n40	0s42	4s 1	0s46	13n58	1s29	16n28	5n53	4s17	4s47	19s30	17n13	6s	0

Julian Day Number = 3065973.5, Delta T = 02h33m59s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'30, Lahiri = 47°26'31

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

MAY 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 40 11	11♉52'47	20♍10	18♈14	14♉22	21♌ 8	27♓48	15♋18	21♓39	12♉19	1°R 9	19°R 5	17♓45	13♒20	28♊40	F 1
S 2	14 44 8	12°51'55	4♎11	18°31	15°37	21°29	28° 0	15°23	21°41	12°21	1♍ 9	19♓ 4	17°41	13°27	28°43	S 2
S 3	14 48 4	13°51'00	18° 7	18°53	16°51	21°51	28°12	15°28	21°44	12°24	1° 9	19° 0	17°38	13°34	28°47	S 3
M 4	14 52 1	14°50'04	1♏53	19°20	18° 6	22°13	28°24	15°33	21°46	12°26	1° 8	18°55	17°35	13°40	28°51	M 4
T 5	14 55 58	15°49'05	15°27	19°51	19°20	22°36	28°36	15°38	21°48	12°28	1° 8	18°47	17°32	13°47	28°55	T 5
W 6	14 59 54	16°48'05	28°45	20°26	20°34	22°58	28°48	15°43	21°51	12°30	1° 8	18°37	17°29	13°54	28°59	W 6
T 7	15 3 51	17°47'03	11♐47	21° 5	21°49	23°21	29° 0	15°48	21°53	12°33	1° 8	18°26	17°26	14° 0	29° 3	T 7
F 8	15 7 47	18°45'59	24°31	21°48	23° 3	23°45	29°11	15°53	21°55	12°35	1° 8	18°16	17°22	14° 7	29° 8	F 8
S 9	15 11 44	19°44'54	6♑58	22°34	24°17	24° 8	29°23	15°59	21°58	12°37	1° 8	18° 7	17°19	14°14	29°12	S 9
S 10	15 15 40	20°43'46	19° 9	23°24	25°32	24°32	29°35	16° 4	22° 0	12°40	1° 8	18° 0	17°16	14°20	29°16	S 10
M11	15 19 37	21°42'37	1♒ 9	24°17	26°46	24°56	29°46	16°10	22° 2	12°42	1° 8	17°56	17°13	14°27	29°20	M11
T 12	15 23 33	22°41'26	13° 1	25°13	28° 0	25°20	29°57	16°15	22° 4	12°44	1° 7	17°54	17°10	14°34	29°24	T 12
W13	15 27 30	23°40'14	24°50	26°12	29°15	25°45	0♈ 9	16°21	22° 6	12°46	1°D 7	17°D53	17° 7	14°40	29°29	W13
T 14	15 31 27	24°39'00	6♓42	27°14	0♊29	26°10	0°20	16°27	22° 8	12°49	1° 8	17°53	17° 3	14°47	29°33	T 14
F 15	15 35 23	25°37'44	18°42	28°18	1°43	26°35	0°31	16°33	22°10	12°51	1° 8	17°R54	17° 0	14°54	29°37	F 15
S 16	15 39 20	26°36'26	0♈55	29°25	2°57	27° 0	0°42	16°38	22°12	12°53	1° 8	17°53	16°57	15° 0	29°42	S 16
S 17	15 43 16	27°35'07	13°25	0♉35	4°12	27°25	0°53	16°44	22°14	12°55	1° 8	17°50	16°54	15° 7	29°46	S 17
M18	15 47 13	28°33'46	26°17	1°47	5°26	27°51	1° 4	16°50	22°16	12°57	1° 8	17°45	16°51	15°14	29°51	M18
T 19	15 51 9	29°32'24	9♉31	3° 1	6°40	28°17	1°14	16°56	22°18	13° 0	1° 8	17°37	16°47	15°20	29°55	T 19
W20	15 55 6	0♊31'00	23° 7	4°18	7°54	28°43	1°25	17° 2	22°20	13° 2	1° 8	17°27	16°44	15°27	29°59	W20
T 21	15 59 2	1°29'34	7♊ 3	5°37	9° 8	29°10	1°35	17° 9	22°21	13° 4	1° 8	17°16	16°41	15°34	0♋ 5	T 21
F 22	16 2 59	2°28'07	21°15	6°57	10°22	29°36	1°46	17°15	22°23	13° 6	1° 9	17° 4	16°38	15°40	0° 9	F 22
S 23	16 6 56	3°26'37	5♋37	8°20	11°37	0♍ 3	1°56	17°21	22°25	13° 8	1° 9	16°54	16°35	15°47	0°14	S 23
S 24	16 10 52	4°25'06	20° 2	9°45	12°51	0°30	2° 6	17°28	22°26	13°11	1° 9	16°46	16°32	15°54	0°18	S 24
M25	16 14 49	5°23'32	4♌27	11°12	14° 5	0°57	2°16	17°34	22°28	13°13	1°10	16°40	16°28	16° 0	0°23	M25
T 26	16 18 45	6°21'57	18°45	12°41	15°19	1°24	2°26	17°40	22°29	13°15	1°10	16°38	16°25	16° 7	0°28	T 26
W27	16 22 42	7°20'19	2♍55	14°12	16°33	1°52	2°36	17°47	22°31	13°17	1°10	16°37	16°22	16°14	0°33	W27
T 28	16 26 38	8°18'40	16°56	15°44	17°47	2°20	2°46	17°53	22°32	13°19	1°11	16°37	16°19	16°20	0°37	T 28
F 29	16 30 35	9°16'58	0♎47	17°19	19° 1	2°48	2°55	18° 0	22°34	13°21	1°11	16°36	16°16	16°27	0°42	F 29
S 30	16 34 31	10°15'14	14°28	18°56	20°15	3°16	3° 5	18° 7	22°35	13°23	1°12	16°34	16°13	16°34	0°47	S 30
S 31	16 38 28	11♊13'28	28♎ 0	20♉34	21♊29	3♍44	3♈14	18♋13	22♓36	13♉25	1♍12	16♓30	16♓ 9	16♒40	0♋52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n16	3n46	0s 6	6n15	0s55	15n 3	1s 0	16n34	2n21	1s39	0s51	21n40	0s42	4s 0	0s46	13n59	1s29	16n28	5n53	4s17	4s48	19s28	17n14	5s59
S 2	15 34	2s53	1 20	6 10	1 7	15 26	0 58	16 25	2 20	1 34	0 51	21 40	0 42	3 59	0 46	14 0	1 29	16 28	5 53	4 18	4 49	19 25	17 14	5 59
S 3	15 51	9 21	2 29	6 7	1 19	15 49	0 56	16 17	2 18	1 30	0 51	21 39	0 41	3 58	0 46	14 0	1 29	16 28	5 53	4 19	4 51	19 22	17 14	5 59
M 4	16 9	15 17	3 28	6 6	1 30	16 11	0 55	16 8	2 17	1 25	0 51	21 39	0 41	3 57	0 46	14 1	1 29	16 28	5 53	4 21	4 52	19 20	17 15	5 59
T 5	16 26	20 23	4 15	6 8	1 41	16 33	0 53	15 59	2 15	1 20	0 51	21 38	0 41	3 56	0 46	14 2	1 29	16 28	5 53	4 24	4 53	19 17	17 15	5 58
W 6	16 42	24 22	4 46	6 12	1 50	16 55	0 51	15 50	2 13	1 16	0 52	21 38	0 41	3 55	0 46	14 2	1 29	16 28	5 53	4 28	4 54	19 14	17 15	5 58
T 7	16 59	26 59	5 2	6 18	2 0	17 16	0 49	15 41	2 12	1 11	0 52	21 37	0 41	3 54	0 46	14 3	1 29	16 28	5 53	4 32	4 55	19 12	17 15	5 58
F 8	17 15	28 9	5 2	6 26	2 8	17 37	0 47	15 32	2 10	1 7	0 52	21 37	0 41	3 53	0 46	14 4	1 29	16 28	5 53	4 36	4 57	19 9	17 16	5 58
S 9	17 31	27 50	4 48	6 36	2 16	17 57	0 45	15 23	2 9	1 2	0 52	21 36	0 41	3 52	0 46	14 4	1 29	16 28	5 53	4 39	4 58	19 7	17 16	5 58
S 10	17 47	26 11	4 21	6 48	2 23	18 17	0 43	15 14	2 7	0 58	0 52	21 36	0 40	3 52	0 46	14 5	1 29	16 28	5 53	4 42	4 59	19 4	17 16	5 57
M11	18 2	23 21	3 43	7 1	2 29	18 36	0 41	15 4	2 6	0 54	0 52	21 35	0 40	3 51	0 46	14 6	1 29	16 28	5 52	4 44	5 0	19 1	17 16	5 57
T 12	18 17	19 33	2 55	7 16	2 35	18 55	0 39	14 55	2 4	0 49	0 53	21 35	0 40	3 50	0 46	14 6	1 29	16 28	5 52	4 45	5 2	18 59	17 16	5 57
W13	18 31	15 1	2 0	7 32	2 40	19 13	0 36	14 45	2 3	0 45	0 53	21 34	0 40	3 49	0 47	14 7	1 29	16 28	5 52	4 45	5 3	18 56	17 17	5 57
T 14	18 46	9 54	0 59	7 50	2 44	19 31	0 34	14 36	2 2	0 41	0 53	21 34	0 40	3 48	0 47	14 8	1 29	16 28	5 52	4 45	5 4	18 53	17 17	5 57
F 15	19 0	4 22	0n 4	8 10	2 48	19 48	0 32	14 26	2 0	0 37	0 53	21 33	0 40	3 48	0 47	14 8	1 29	16 28	5 52	4 45	5 5	18 51	17 17	5 57
S 16	19 13	1n25	1 9	8 30	2 51	20 5	0 30	14 16	1 59	0 32	0 53	21 33	0 40	3 47	0 47	14 9	1 29	16 28	5 52	4 45	5 7	18 48	17 17	5 56
S 17	19 27	7 16	2 11	8 52	2 53	20 21	0 28	14 6	1 57	0 28	0 53	21 32	0 39	3 46	0 47	14 10	1 29	16 27	5 52	4 46	5 8	18 45	17 17	5 56
M18	19 40	12 59	3 9	9 14	2 55	20 36	0 25	13 56	1 56	0 24	0 54	21 31	0 39	3 45	0 47	14 10	1 29	16 27	5 52	4 48	5 9	18 43	17 17	5 56
T 19	19 52	18 18	3 58	9 38	2 57	20 51	0 23	13 46	1 55	0 20	0 54	21 31	0 39	3 45	0 47	14 11	1 29	16 27	5 52	4 51	5 10	18 40	17 18	5 56
W20	20 5	22 49	4 35	10 3	2 57	21 6	0 21	13 35	1 53	0 16	0 54	21 30	0 39	3 44	0 47	14 12	1 29	16 27	5 52	4 55	5 11	18 37	17 18	5 56
T 21	20 17	26 10	4 57	10 29	2 57	21 19	0 18	13 25	1 52	0 12	0 54	21 30	0 39	3 43	0 47	14 12	1 29	16 27	5 52	4 59	5 13	18 34	17 18	5 56
F 22	20 28	27 56	5 0	10 55	2 57	21 33	0 16	13 14	1 51	0 8	0 54	21 29	0 39	3 43	0 47	14 13	1 29	16 27	5 51	5 4	5 14	18 32	17 18	5 55
S 23	20 39	27 52	4 46	11 23	2 56	21 45	0 13	13 4	1 49	0 4	0 55	21 28	0 39	3 42	0 47	14 13	1 29	16 27	5 51	5 8	5 15	18 29	17 18	5 55
S 24	20 50	25 54	4 12	11 51	2 54	21 57	0 11	12 53	1 48	0 1	0 55	21 28	0 39	3 42	0 47	14 14	1 29	16 26	5 51	5 11	5 16	18 26	17 18	5 55
M25	21 1	22 16	3 23	12 19	2 52	22 9	0 9	12 42	1 47	0n 3	0 55	21 27	0 38	3 41	0 47	14 15	1 29	16 26	5 51	5 13	5 18	18 24	17 18	5 55
T 26	21 11	17 19	2 22	12 49	2 50	22 19	0 6	12 31	1 45	0 7	0 55	21 26	0 38	3 40	0 47	14 15	1 29	16 26	5 51	5 14	5 19	18 21	17 18	5 55
W27	21 20	11 28	1 12	13 18	2 46	22 29	0 4	12 20	1 44	0 11	0 55	21 26	0 38	3 40	0 47	14 16	1 29	16 26	5 51	5 14	5 20	18 18	17 19	5 55
T 28	21 30	5 5	0s 2	13 48	2 43	22 39	0 1	12 9	1 43	0 14	0 56	21 25	0 38	3 39	0 47	14 17	1 29	16 26	5 51	5 14	5 21	18 15	17 19	5 55
F 29	21 39	1s27	1 14	14 19	2 38	22 48	0n 1	11 58	1 42	0 18	0 56	21 24	0 38	3 39	0 47	14 17	1 29	16 25	5 51	5 14	5 22	18 13	17 19	5 55
S 30	21 47	7 50	2 22	14 50	2 34	22 56	0 4	11 47	1 40	0 21	0 56	21 23	0 38	3 38	0 47	14 18	1 29	16 25	5 51	5 15	5 24	18 10	17 19	5 55
S 31	21n55	13s47	3s20	15n21	2s28	23n 3	0n 6	11n35	1n39	0n25	0s56	21n23	0s38	3s38	0s47	14n18	1s29	16n25	5n51	5s17	5s25	18s 7	17n19	5s55

Julian Day Number = 3066003.5, Delta T = 02h34m00s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'35, Lahiri = 47°26'35

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

JUNE 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 42 25	12♊11'41	11♏21	22♉15	22♊43	4♍13	3♈23	18♋20	22♓38	13♉27	1♍12	16°R22	16♓ 6	16♒47	0♋57	M 1
T 2	16 46 21	13° 9'52	24°32	23°57	23°57	4°41	3°33	18°27	22°39	13°29	1°13	16♓12	16° 3	16°54	1° 2	T 2
W 3	16 50 18	14° 8'01	7♐30	25°41	25°10	5°10	3°42	18°34	22°40	13°31	1°14	15°59	16° 0	17° 0	1° 6	W 3
T 4	16 54 14	15° 6'08	20°16	27°27	26°24	5°39	3°50	18°41	22°41	13°33	1°14	15°46	15°57	17° 7	1°11	T 4
F 5	16 58 11	16° 4'14	2♑47	29°15	27°38	6° 8	3°59	18°48	22°42	13°35	1°15	15°33	15°53	17°14	1°16	F 5
S 6	17 2 7	17° 2'19	15° 6	1♊ 5	28°52	6°37	4° 8	18°55	22°43	13°37	1°15	15°22	15°50	17°20	1°21	S 6
S 7	17 6 4	18° 0'22	27°12	2°57	0♋ 6	7° 6	4°16	19° 2	22°44	13°39	1°16	15°12	15°47	17°27	1°26	S 7
M 8	17 10 1	18°58'23	9♒ 9	4°51	1°20	7°36	4°25	19° 9	22°45	13°41	1°17	15° 5	15°44	17°34	1°31	M 8
T 9	17 13 57	19°56'23	21° 0	6°47	2°33	8° 6	4°33	19°16	22°46	13°43	1°17	15° 1	15°41	17°40	1°36	T 9
W10	17 17 54	20°54'22	2♓48	8°44	3°47	8°35	4°41	19°23	22°47	13°45	1°18	15° 0	15°38	17°47	1°41	W10
T 11	17 21 50	21°52'20	14°39	10°44	5° 1	9° 5	4°49	19°30	22°47	13°47	1°19	14°59	15°34	17°54	1°46	T 11
F 12	17 25 47	22°50'16	26°38	12°45	6°14	9°35	4°56	19°37	22°48	13°49	1°20	14°59	15°31	18° 0	1°51	F 12
S 13	17 29 43	23°48'12	8♈50	14°48	7°28	10° 6	5° 4	19°44	22°49	13°51	1°20	14°58	15°28	18° 7	1°56	S 13
S 14	17 33 40	24°46'06	21°22	16°53	8°42	10°36	5°12	19°52	22°49	13°53	1°21	14°56	15°25	18°14	2° 1	S 14
M15	17 37 36	25°43'59	4♉16	18°59	9°56	11° 6	5°19	19°59	22°50	13°54	1°22	14°51	15°22	18°20	2° 6	M15
T 16	17 41 33	26°41'51	17°37	21° 7	11° 9	11°37	5°26	20° 6	22°51	13°56	1°23	14°44	15°19	18°27	2°12	T 16
W17	17 45 30	27°39'42	1♊24	23°16	12°23	12° 8	5°33	20°14	22°51	13°58	1°24	14°35	15°15	18°34	2°17	W17
T 18	17 49 26	28°37'31	15°36	25°26	13°36	12°39	5°40	20°21	22°51	14° 0	1°25	14°24	15°12	18°40	2°22	T 18
F 19	17 53 23	29°35'20	0♋ 8	27°37	14°50	13°10	5°47	20°28	22°52	14° 1	1°26	14°13	15° 9	18°47	2°27	F 19
S 20	17 57 19	0♋33'07	14°54	29°48	16° 4	13°41	5°53	20°36	22°52	14° 3	1°27	14° 3	15° 6	18°54	2°32	S 20
S 21	18 1 16	1°30'53	29°44	2♋ 1	17°17	14°12	6° 0	20°43	22°52	14° 5	1°28	13°55	15° 3	19° 0	2°37	S 21
M22	18 5 12	2°28'38	14♎31	4°13	18°31	14°43	6° 6	20°51	22°53	14° 7	1°29	13°50	14°59	19° 7	2°42	M22
T 23	18 9 9	3°26'21	29° 8	6°25	19°44	15°15	6°12	20°58	22°53	14° 8	1°30	13°47	14°56	19°14	2°47	T 23
W24	18 13 5	4°24'02	13♍30	8°36	20°58	15°46	6°18	21° 6	22°53	14°10	1°31	13°D46	14°53	19°20	2°52	W24
T 25	18 17 2	5°21'43	27°36	10°47	22°11	16°18	6°24	21°13	22°53	14°11	1°32	13°46	14°50	19°27	2°57	T 25
F 26	18 20 59	6°19'21	11♎25	12°57	23°25	16°50	6°30	21°21	22°R53	14°13	1°33	13°R46	14°47	19°33	3° 2	F 26
S 27	18 24 55	7°16'58	24°57	15° 6	24°38	17°22	6°35	21°29	22°53	14°14	1°34	13°45	14°44	19°40	3° 8	S 27
S 28	18 28 52	8°14'34	8♏14	17°13	25°52	17°54	6°40	21°36	22°53	14°16	1°35	13°42	14°40	19°47	3°13	S 28
M29	18 32 48	9°12'09	21°17	19°19	27° 5	18°26	6°46	21°44	22°53	14°17	1°36	13°36	14°37	19°53	3°18	M29
T 30	18 36 45	10♋ 9'43	4♐ 8	21♋23	28♋18	18♍58	6♈51	21♋52	22♓53	14♉19	1♍37	13♓27	14♓34	20♒ 0	3♋23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	19s 0	4s 7	15n52	2s22	23n10	0n 8	11n24	1n38	0n28	0s56	21n22	0s38	3s38	0s47	14n19	1s29	16n25	5n51	5s20	5s26	18s 4	17n19	5s54
T 2	22 11	23 15	4 39	16 23	2 16	23 16	0 11	11 13	1 37	0 32	0 57	21 21	0 37	3 37	0 47	14 19	1 29	16 24	5 51	5 24	5 27	18 2	17 19	5 54
W 3	22 18	26 15	4 57	16 55	2 10	23 22	0 13	11 1	1 36	0 35	0 57	21 20	0 37	3 37	0 47	14 20	1 29	16 24	5 50	5 29	5 29	17 59	17 19	5 54
T 4	22 24	27 50	4 59	17 26	2 2	23 26	0 16	10 49	1 34	0 38	0 57	21 19	0 37	3 36	0 47	14 21	1 29	16 24	5 50	5 34	5 30	17 56	17 19	5 54
F 5	22 30	27 58	4 47	17 57	1 55	23 31	0 18	10 38	1 33	0 42	0 57	21 19	0 37	3 36	0 47	14 21	1 29	16 23	5 50	5 39	5 31	17 53	17 19	5 54
S 6	22 36	26 42	4 21	18 27	1 47	23 34	0 21	10 26	1 32	0 45	0 58	21 18	0 37	3 36	0 47	14 22	1 30	16 23	5 50	5 43	5 32	17 51	17 19	5 54
S 7	22 41	24 12	3 44	18 57	1 38	23 37	0 23	10 14	1 31	0 48	0 58	21 17	0 37	3 35	0 47	14 22	1 30	16 23	5 50	5 47	5 33	17 48	17 19	5 54
M 8	22 46	20 40	2 57	19 27	1 29	23 39	0 26	10 2	1 30	0 51	0 58	21 16	0 37	3 35	0 48	14 23	1 30	16 23	5 50	5 49	5 35	17 45	17 19	5 54
T 9	22 51	16 19	2 3	19 56	1 20	23 40	0 28	9 50	1 29	0 54	0 58	21 15	0 37	3 35	0 48	14 23	1 30	16 22	5 50	5 51	5 36	17 42	17 19	5 54
W10	22 55	11 23	1 4	20 24	1 11	23 41	0 30	9 38	1 27	0 57	0 58	21 14	0 37	3 34	0 48	14 24	1 30	16 22	5 50	5 52	5 37	17 40	17 19	5 54
T 11	22 59	6 1	0 2	20 51	1 1	23 41	0 33	9 26	1 26	1 0	0 59	21 13	0 36	3 34	0 48	14 24	1 30	16 22	5 50	5 52	5 38	17 37	17 19	5 54
F 12	23 2	0 23	1n 1	21 17	0 51	23 40	0 35	9 13	1 25	1 3	0 59	21 12	0 36	3 34	0 48	14 25	1 30	16 21	5 50	5 52	5 40	17 34	17 19	5 54
S 13	23 5	5n22	2 3	21 42	0 41	23 38	0 37	9 1	1 24	1 5	0 59	21 11	0 36	3 34	0 48	14 25	1 30	16 21	5 50	5 52	5 41	17 31	17 19	5 54
S 14	23 7	11 3	3 0	22 5	0 30	23 36	0 40	8 49	1 23	1 8	0 59	21 11	0 36	3 33	0 48	14 26	1 30	16 20	5 50	5 53	5 42	17 28	17 19	5 54
M15	23 9	16 26	3 50	22 27	0 20	23 33	0 42	8 36	1 22	1 11	1 0	21 10	0 36	3 33	0 48	14 26	1 30	16 20	5 49	5 55	5 43	17 26	17 19	5 54
T 16	23 11	21 14	4 29	22 47	0 9	23 30	0 44	8 24	1 21	1 13	1 0	21 9	0 36	3 33	0 48	14 27	1 30	16 20	5 49	5 58	5 44	17 23	17 18	5 54
W17	23 12	25 3	4 54	23 5	0n 1	23 26	0 46	8 11	1 20	1 16	1 0	21 8	0 36	3 33	0 48	14 27	1 30	16 19	5 49	6 1	5 46	17 20	17 18	5 54
T 18	23 13	27 27	5 1	23 21	0 12	23 21	0 49	7 58	1 19	1 18	1 0	21 7	0 36	3 33	0 48	14 28	1 30	16 19	5 49	6 5	5 47	17 17	17 18	5 54
F 19	23 13	28 4	4 50	23 34	0 22	23 15	0 51	7 45	1 18	1 21	1 1	21 6	0 36	3 33	0 48	14 28	1 30	16 19	5 49	6 10	5 48	17 14	17 18	5 54
S 20	23 13	26 42	4 19	23 46	0 32	23 9	0 53	7 33	1 17	1 23	1 1	21 5	0 35	3 33	0 48	14 29	1 30	16 18	5 49	6 13	5 49	17 12	17 18	5 54
S 21	23 13	23 28	3 31	23 55	0 42	23 2	0 55	7 20	1 16	1 26	1 1	21 4	0 35	3 32	0 48	14 29	1 30	16 18	5 49	6 16	5 50	17 9	17 18	5 54
M22	23 12	18 42	2 29	24 1	0 52	22 54	0 57	7 7	1 15	1 28	1 1	21 3	0 35	3 32	0 48	14 30	1 30	16 17	5 49	6 18	5 52	17 6	17 18	5 54
T 23	23 11	12 53	1 17	24 5	1 1	22 46	0 59	6 54	1 14	1 30	1 2	21 2	0 35	3 32	0 48	14 30	1 30	16 17	5 49	6 19	5 53	17 3	17 17	5 54
W24	23 9	6 27	0 1	24 6	1 9	22 37	1 1	6 41	1 13	1 32	1 2	21 1	0 35	3 32	0 48	14 31	1 30	16 16	5 49	6 20	5 54	17 0	17 17	5 54
T 25	23 7	0s10	1s13	24 5	1 18	22 27	1 3	6 28	1 12	1 34	1 2	21 0	0 35	3 32	0 48	14 31	1 30	16 16	5 49	6 20	5 55	16 57	17 17	5 55
F 26	23 5	6 39	2 21	24 1	1 25	22 17	1 5	6 14	1 11	1 36	1 2	20 58	0 35	3 32	0 48	14 31	1 30	16 16	5 49	6 20	5 57	16 55	17 17	5 55
S 27	23 2	12 41	3 21	23 54	1 32	22 6	1 7	6 1	1 10	1 38	1 3	20 57	0 35	3 32	0 48	14 32	1 30	16 15	5 49	6 20	5 58	16 52	17 17	5 55
S 28	22 58	18 2	4 8	23 45	1 38	21 55	1 9	5 48	1 9	1 40	1 3	20 56	0 35	3 32	0 48	14 32	1 30	16 15	5 49	6 21	5 59	16 49	17 17	5 55
M29	22 55	22 26	4 41	23 33	1 43	21 43	1 11	5 34	1 8	1 42	1 3	20 55	0 35	3 33	0 48	14 33	1 30	16 14	5 49	6 24	6 0	16 46	17 16	5 55
T 30	22n50	25s41	4s59	23n19	1n48	21n30	1n13	5n21	1n 7	1n43	1s 3	20n54	0s34	3s33	0s48	14n33	1s30	16n14	5n49	6s27	6s 1	16s43	17n16	5s55

Julian Day Number = 3066034.5, Delta T = 02h34m01s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'39, Lahiri = 47°26'39

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

JULY 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 40 41	11♋ 7'15	16♐47	23♋25	29♋32	19♍30	6♈55	21♋59	22°R52	14♉20	1♍39	13°R17	14♓31	20♒ 7	3♋28	W 1
T 2	18 44 38	12° 4'47	29°15	25°25	0♌45	20° 3	7° 0	22° 7	22♓52	14°22	1°40	13♓ 6	14°28	20°13	3°33	T 2
F 3	18 48 35	13° 2'17	11♑32	27°22	1°58	20°35	7° 4	22°15	22°52	14°23	1°41	12°55	14°25	20°20	3°38	F 3
S 4	18 52 31	13°59'46	23°40	29°18	3°12	21° 8	7° 9	22°22	22°52	14°25	1°42	12°46	14°21	20°27	3°43	S 4
S 5	18 56 28	14°57'15	5♒39	1♌11	4°25	21°41	7°13	22°30	22°51	14°26	1°44	12°38	14°18	20°33	3°48	S 5
M 6	19 0 24	15°54'43	17°31	3° 1	5°38	22°13	7°17	22°38	22°51	14°27	1°45	12°33	14°15	20°40	3°53	M 6
T 7	19 4 21	16°52'10	29°19	4°49	6°51	22°46	7°20	22°45	22°50	14°29	1°46	12°29	14°12	20°47	3°58	T 7
W 8	19 8 17	17°49'36	11♓ 7	6°35	8° 4	23°19	7°24	22°53	22°50	14°30	1°48	12°D28	14° 9	20°53	4° 3	W 8
T 9	19 12 14	18°47'02	22°57	8°18	9°18	23°52	7°27	23° 1	22°49	14°31	1°49	12°29	14° 5	21° 0	4° 8	T 9
F 10	19 16 10	19°44'27	4♈56	9°58	10°31	24°25	7°31	23° 9	22°48	14°32	1°50	12°30	14° 2	21° 7	4°13	F 10
S 11	19 20 7	20°41'52	17° 8	11°36	11°44	24°59	7°34	23°16	22°48	14°33	1°52	12°R31	13°59	21°13	4°18	S 11
S 12	19 24 4	21°39'17	29°38	13°11	12°57	25°32	7°36	23°24	22°47	14°35	1°53	12°30	13°56	21°20	4°23	S 12
M13	19 28 0	22°36'41	12♉30	14°44	14°10	26° 5	7°39	23°32	22°46	14°36	1°54	12°29	13°53	21°27	4°28	M13
T 14	19 31 57	23°34'05	25°49	16°14	15°23	26°39	7°42	23°40	22°45	14°37	1°56	12°25	13°50	21°33	4°33	T 14
W15	19 35 53	24°31'28	9♊37	17°42	16°36	27°12	7°44	23°47	22°45	14°38	1°57	12°19	13°46	21°40	4°38	W15
T 16	19 39 50	25°28'52	23°52	19° 7	17°49	27°46	7°46	23°55	22°44	14°39	1°59	12°12	13°43	21°47	4°43	T 16
F 17	19 43 46	26°26'15	8♋32	20°29	19° 2	28°20	7°48	24° 3	22°43	14°40	2° 0	12° 5	13°40	21°53	4°48	F 17
S 18	19 47 43	27°23'37	23°29	21°48	20°15	28°54	7°50	24°11	22°42	14°41	2° 2	11°59	13°37	22° 0	4°52	S 18
S 19	19 51 40	28°21'00	8♌35	23° 5	21°28	29°28	7°51	24°18	22°41	14°42	2° 3	11°54	13°34	22° 7	4°57	S 19
M20	19 55 36	29°18'21	23°41	24°19	22°41	0♎ 2	7°52	24°26	22°40	14°43	2° 5	11°51	13°31	22°13	5° 2	M20
T 21	19 59 33	0♌15'42	8♍37	25°30	23°54	0°36	7°53	24°34	22°38	14°44	2° 6	11°D50	13°27	22°20	5° 7	T 21
W22	20 3 29	1°13'02	23°16	26°38	25° 7	1°10	7°54	24°42	22°37	14°44	2° 8	11°50	13°24	22°27	5°12	W22
T 23	20 7 26	2°10'22	7♎35	27°43	26°20	1°44	7°55	24°49	22°36	14°45	2° 9	11°51	13°21	22°33	5°16	T 23
F 24	20 11 22	3° 7'41	21°31	28°45	27°33	2°19	7°56	24°57	22°35	14°46	2°11	11°52	13°18	22°40	5°21	F 24
S 25	20 15 19	4° 5'00	5♏ 5	29°44	28°46	2°53	7°56	25° 5	22°33	14°47	2°12	11°R53	13°15	22°47	5°26	S 25
S 26	20 19 15	5° 2'18	18°18	0♍40	29°58	3°28	7°R56	25°13	22°32	14°47	2°14	11°52	13°11	22°53	5°30	S 26
M27	20 23 12	5°59'35	1♐12	1°32	1♍11	4° 2	7°56	25°20	22°31	14°48	2°15	11°50	13° 8	23° 0	5°35	M27
T 28	20 27 9	6°56'52	13°51	2°20	2°24	4°37	7°56	25°28	22°29	14°49	2°17	11°46	13° 5	23° 6	5°40	T 28
W29	20 31 5	7°54'09	26°16	3° 5	3°37	5°12	7°55	25°36	22°28	14°49	2°19	11°41	13° 2	23°13	5°44	W29
T 30	20 35 2	8°51'26	8♑29	3°47	4°49	5°46	7°55	25°43	22°26	14°50	2°20	11°35	12°59	23°20	5°49	T 30
F 31	20 38 58	9♌48'42	20♑34	4♍24	6♍ 2	6♎21	7♈54	25♋51	22♓25	14♉51	2♍22	11♓30	12♓56	23♒26	5♋53	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n46	27s36	5s 3	23n 3	1n52	21n17	1n14	5n 8	1n 6	1n45	1s 4	20n53	0s34	3s33	0s48	14n33	1s30	16n13	5n48	6s31	6s 3	16s40	17n16	5s55
T 2	22 41	28 5	4 52	22 45	1 55	21 3	1 16	4 54	1 5	1 46	1 4	20 52	0 34	3 33	0 48	14 34	1 31	16 13	5 48	6 35	6 4	16 37	17 16	5 55
F 3	22 36	27 10	4 27	22 25	1 57	20 48	1 17	4 41	1 4	1 48	1 4	20 51	0 34	3 33	0 49	14 34	1 31	16 12	5 48	6 39	6 5	16 35	17 15	5 55
S 4	22 30	24 57	3 50	22 3	1 58	20 33	1 19	4 27	1 3	1 49	1 4	20 50	0 34	3 33	0 49	14 34	1 31	16 12	5 48	6 43	6 6	16 32	17 15	5 55
S 5	22 24	21 40	3 4	21 39	1 59	20 17	1 21	4 13	1 2	1 51	1 5	20 48	0 34	3 33	0 49	14 35	1 31	16 11	5 48	6 46	6 7	16 29	17 15	5 56
M 6	22 17	17 30	2 10	21 14	1 59	20 1	1 22	4 0	1 1	1 52	1 5	20 47	0 34	3 34	0 49	14 35	1 31	16 11	5 48	6 48	6 9	16 26	17 15	5 56
T 7	22 10	12 42	1 10	20 48	1 58	19 44	1 23	3 46	1 0	1 53	1 5	20 46	0 34	3 34	0 49	14 36	1 31	16 10	5 48	6 49	6 10	16 23	17 14	5 56
W 8	22 3	7 27	0 7	20 21	1 57	19 27	1 25	3 32	0 59	1 54	1 6	20 45	0 34	3 34	0 49	14 36	1 31	16 10	5 48	6 49	6 11	16 20	17 14	5 56
T 9	21 55	1 55	0n56	19 52	1 54	19 9	1 26	3 18	0 58	1 55	1 6	20 44	0 34	3 34	0 49	14 36	1 31	16 9	5 48	6 49	6 12	16 17	17 14	5 56
F 10	21 47	3n45	1 58	19 23	1 51	18 51	1 27	3 4	0 57	1 56	1 6	20 43	0 34	3 35	0 49	14 36	1 31	16 9	5 48	6 49	6 14	16 14	17 13	5 56
S 11	21 39	9 23	2 56	18 52	1 47	18 32	1 28	2 51	0 56	1 57	1 6	20 41	0 33	3 35	0 49	14 37	1 31	16 8	5 48	6 48	6 15	16 11	17 13	5 57
S 12	21 30	14 46	3 46	18 21	1 43	18 12	1 30	2 37	0 55	1 58	1 7	20 40	0 33	3 35	0 49	14 37	1 31	16 8	5 48	6 48	6 16	16 9	17 13	5 57
M13	21 21	19 42	4 27	17 50	1 38	17 53	1 31	2 23	0 55	1 59	1 7	20 39	0 33	3 36	0 49	14 37	1 31	16 7	5 48	6 49	6 17	16 6	17 12	5 57
T 14	21 11	23 49	4 56	17 18	1 32	17 32	1 32	2 9	0 54	2 0	1 7	20 38	0 33	3 36	0 49	14 38	1 31	16 7	5 48	6 51	6 18	16 3	17 12	5 57
W15	21 1	26 46	5 8	16 45	1 25	17 11	1 32	1 55	0 53	2 0	1 7	20 36	0 33	3 36	0 49	14 38	1 31	16 6	5 48	6 53	6 20	16 0	17 12	5 57
T 16	20 51	28 7	5 2	16 12	1 18	16 50	1 33	1 40	0 52	2 1	1 8	20 35	0 33	3 37	0 49	14 38	1 31	16 5	5 48	6 55	6 21	15 57	17 11	5 58
F 17	20 41	27 33	4 36	15 39	1 11	16 28	1 34	1 26	0 51	2 1	1 8	20 34	0 33	3 37	0 49	14 38	1 31	16 5	5 48	6 58	6 22	15 54	17 11	5 58
S 18	20 30	25 0	3 52	15 6	1 2	16 6	1 35	1 12	0 50	2 2	1 8	20 33	0 33	3 38	0 49	14 39	1 31	16 4	5 48	7 0	6 23	15 51	17 10	5 58
S 19	20 18	20 42	2 50	14 33	0 53	15 44	1 35	0 58	0 49	2 2	1 9	20 31	0 33	3 38	0 49	14 39	1 31	16 4	5 48	7 2	6 24	15 48	17 10	5 58
M20	20 7	15 2	1 37	13 59	0 44	15 21	1 36	0 44	0 48	2 2	1 9	20 30	0 33	3 39	0 49	14 39	1 31	16 3	5 48	7 3	6 26	15 45	17 10	5 58
T 21	19 55	8 32	0 17	13 26	0 34	14 57	1 36	0 30	0 48	2 3	1 9	20 29	0 33	3 39	0 49	14 39	1 31	16 3	5 48	7 4	6 27	15 42	17 9	5 59
W22	19 43	1 42	1s 2	12 54	0 24	14 33	1 37	0 15	0 47	2 3	1 9	20 28	0 33	3 40	0 49	14 39	1 31	16 2	5 48	7 4	6 28	15 39	17 9	5 59
T 23	19 30	5s 4	2 15	12 21	0 13	14 9	1 37	0 1	0 46	2 3	1 10	20 26	0 33	3 40	0 49	14 40	1 32	16 2	5 48	7 3	6 29	15 36	17 8	5 59
F 24	19 17	11 24	3 19	11 49	0 1	13 45	1 38	0s13	0 45	2 3	1 10	20 25	0 32	3 41	0 49	14 40	1 32	16 1	5 48	7 3	6 30	15 33	17 8	5 59
S 25	19 4	17 1	4 10	11 18	0s11	13 20	1 38	0 28	0 44	2 2	1 10	20 24	0 32	3 41	0 49	14 40	1 32	16 0	5 48	7 3	6 32	15 30	17 7	6 0
S 26	18 50	21 42	4 46	10 47	0 23	12 55	1 38	0 42	0 43	2 2	1 11	20 22	0 32	3 42	0 49	14 40	1 32	16 0	5 48	7 3	6 33	15 27	17 7	6 0
M27	18 36	25 13	5 6	10 16	0 36	12 29	1 38	0 56	0 43	2 2	1 11	20 21	0 32	3 42	0 49	14 40	1 32	15 59	5 48	7 4	6 34	15 25	17 7	6 0
T 28	18 22	27 24	5 11	9 47	0 49	12 3	1 38	1 11	0 42	2 2	1 11	20 20	0 32	3 43	0 49	14 40	1 32	15 59	5 48	7 5	6 35	15 22	17 6	6 1
W29	18 8	28 12	5 2	9 18	1 3	11 37	1 38	1 25	0 41	2 1	1 11	20 18	0 32	3 43	0 49	14 40	1 32	15 58	5 48	7 7	6 37	15 19	17 6	6 1
T 30	17 53	27 35	4 38	8 51	1 16	11 11	1 38	1 39	0 40	2 1	1 12	20 17	0 32	3 44	0 50	14 41	1 32	15 58	5 48	7 9	6 38	15 16	17 5	6 1
F 31	17n38	25s40	4s 2	8n24	1s30	10n44	1n38	1s54	0n39	2n 0	1s12	20n16	0s32	3s45	0s50	14n41	1s32	15n57	5n48	7s11	6s39	15s13	17n 5	6s 1

Julian Day Number = 3066064.5, Delta T = 02h34m02s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'43, Lahiri = 47°26'43

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

AUGUST 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 42 55	10♌45'58	2♒32	4♍58	7♍14	6♎56	7°R53	25♋58	22°R23	14♉51	2♍24	11°R25	12♓52	23♒33	5♋58	S 1
S 2	20 46 51	11°43'14	14°24	5°27	8°27	7°31	7♈52	26° 6	22♓22	14°52	2°25	11♓21	12°49	23°40	6° 2	S 2
M 3	20 50 48	12°40'30	26°13	5°52	9°40	8° 6	7°50	26°14	22°20	14°52	2°27	11°18	12°46	23°46	6° 7	M 3
T 4	20 54 44	13°37'46	8♓ 0	6°13	10°52	8°41	7°49	26°21	22°18	14°52	2°29	11°D17	12°43	23°53	6°11	T 4
W 5	20 58 41	14°35'02	19°50	6°29	12° 5	9°17	7°47	26°29	22°17	14°53	2°30	11°18	12°40	24° 0	6°15	W 5
T 6	21 2 38	15°32'18	1♈43	6°41	13°17	9°52	7°45	26°36	22°15	14°53	2°32	11°19	12°37	24° 6	6°20	T 6
F 7	21 6 34	16°29'35	13°45	6°48	14°29	10°27	7°43	26°44	22°13	14°54	2°34	11°20	12°33	24°13	6°24	F 7
S 8	21 10 31	17°26'52	25°59	6°R50	15°42	11° 3	7°40	26°51	22°11	14°54	2°35	11°22	12°30	24°20	6°28	S 8
S 9	21 14 27	18°24'10	8♉29	6°47	16°54	11°38	7°38	26°58	22° 9	14°54	2°37	11°23	12°27	24°26	6°32	S 9
M10	21 18 24	19°21'28	21°19	6°40	18° 6	12°14	7°35	27° 6	22° 8	14°54	2°39	11°R23	12°24	24°33	6°37	M10
T 11	21 22 20	20°18'46	4♊34	6°28	19°19	12°49	7°32	27°13	22° 6	14°55	2°40	11°23	12°21	24°40	6°41	T 11
W12	21 26 17	21°16'06	18°14	6°11	20°31	13°25	7°29	27°21	22° 4	14°55	2°42	11°21	12°17	24°46	6°45	W12
T 13	21 30 13	22°13'25	2♋23	5°50	21°43	14° 1	7°26	27°28	22° 2	14°55	2°44	11°19	12°14	24°53	6°49	T 13
F 14	21 34 10	23°10'46	16°56	5°24	22°55	14°37	7°22	27°35	22° 0	14°55	2°46	11°17	12°11	25° 0	6°53	F 14
S 15	21 38 7	24° 8'07	1♌50	4°55	24° 8	15°13	7°19	27°42	21°58	14°55	2°47	11°15	12° 8	25° 6	6°57	S 15
S 16	21 42 3	25° 5'28	16°58	4°22	25°20	15°49	7°15	27°50	21°56	14°55	2°49	11°13	12° 5	25°13	7° 1	S 16
M17	21 46 0	26° 2'50	2♍10	3°45	26°32	16°25	7°11	27°57	21°54	14°R55	2°51	11°12	12° 2	25°20	7° 5	M17
T 18	21 49 56	27° 0'12	17°17	3° 6	27°44	17° 1	7° 7	28° 4	21°52	14°55	2°53	11°D12	11°58	25°26	7° 8	T 18
W19	21 53 53	27°57'35	2♎10	2°25	28°56	17°37	7° 2	28°11	21°50	14°55	2°54	11°13	11°55	25°33	7°12	W19
T 20	21 57 49	28°54'58	16°42	1°43	0♎ 8	18°13	6°58	28°18	21°47	14°55	2°56	11°14	11°52	25°39	7°16	T 20
F 21	22 1 46	29°52'21	0♏49	1° 0	1°20	18°49	6°53	28°25	21°45	14°55	2°58	11°15	11°49	25°46	7°20	F 21
S 22	22 5 42	0♍49'44	14°31	0°17	2°32	19°26	6°48	28°32	21°43	14°55	3° 0	11°15	11°46	25°53	7°23	S 22
S 23	22 9 39	1°47'08	27°47	29♌35	3°43	20° 2	6°43	28°39	21°41	14°54	3° 1	11°R16	11°43	25°59	7°27	S 23
M24	22 13 36	2°44'33	10♐41	28°55	4°55	20°39	6°38	28°46	21°39	14°54	3° 3	11°16	11°39	26° 6	7°30	M24
T 25	22 17 32	3°41'57	23°14	28°16	6° 7	21°15	6°33	28°53	21°36	14°54	3° 5	11°15	11°36	26°13	7°34	T 25
W26	22 21 29	4°39'22	5♑32	27°42	7°19	21°52	6°27	29° 0	21°34	14°54	3° 7	11°14	11°33	26°19	7°37	W26
T 27	22 25 25	5°36'48	17°38	27°10	8°30	22°29	6°22	29° 7	21°32	14°53	3° 8	11°14	11°30	26°26	7°41	T 27
F 28	22 29 22	6°34'14	29°35	26°44	9°42	23° 5	6°16	29°13	21°30	14°53	3°10	11°13	11°27	26°33	7°44	F 28
S 29	22 33 18	7°31'41	11♒26	26°22	10°54	23°42	6°10	29°20	21°27	14°53	3°12	11°13	11°23	26°39	7°47	S 29
S 30	22 37 15	8°29'08	23°14	26° 6	12° 5	24°19	6° 4	29°27	21°25	14°52	3°14	11°12	11°20	26°46	7°50	S 30
M31	22 41 11	9♍26'37	5♓ 2	25♌55	13♎17	24♎56	5♈58	29♋33	21♓23	14♉52	3♍15	11♓12	11♓17	26♒53	7♋54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17n23	22s36	3s16	7n59	1s45	10n17	1n37	2s 8	0n38	2n 0	1s12	20n14	0s32	3s45	0s50	14n41	1s32	15n56	5n48	7s13	6s40	15s10	17n 4	6s 2	S 1
S 2	17 7	18 38	2 22	7 35	1 59	9 50	1 37	2 23	0 38	1 59	1 13	20 13	0 32	3 46	0 50	14 41	1 32	15 56	5 48	7 15	6 41	15 7	17 4	6 2	S 2
M 3	16 51	13 57	1 22	7 12	2 14	9 22	1 36	2 37	0 37	1 58	1 13	20 12	0 32	3 47	0 50	14 41	1 32	15 55	5 48	7 16	6 43	15 4	17 3	6 2	M 3
T 4	16 35	8 46	0 18	6 51	2 28	8 54	1 36	2 52	0 36	1 57	1 13	20 10	0 32	3 47	0 50	14 41	1 32	15 55	5 48	7 16	6 44	15 1	17 3	6 3	T 4
W 5	16 19	3 17	0n47	6 32	2 43	8 26	1 35	3 6	0 35	1 56	1 13	20 9	0 32	3 48	0 50	14 41	1 32	15 54	5 48	7 16	6 45	14 58	17 2	6 3	W 5
T 6	16 2	2n22	1 50	6 14	2 57	7 58	1 35	3 21	0 35	1 55	1 14	20 8	0 32	3 49	0 50	14 41	1 32	15 53	5 48	7 16	6 46	14 55	17 2	6 3	T 6
F 7	15 45	7 59	2 49	5 58	3 12	7 30	1 34	3 35	0 34	1 54	1 14	20 6	0 31	3 49	0 50	14 41	1 32	15 53	5 48	7 15	6 47	14 52	17 1	6 4	F 7
S 8	15 28	13 24	3 42	5 44	3 26	7 1	1 33	3 50	0 33	1 53	1 14	20 5	0 31	3 50	0 50	14 41	1 32	15 52	5 48	7 14	6 49	14 49	17 1	6 4	S 8
S 9	15 11	18 23	4 25	5 32	3 39	6 32	1 32	4 4	0 32	1 52	1 14	20 4	0 31	3 51	0 50	14 41	1 32	15 52	5 48	7 14	6 50	14 46	17 0	6 4	S 9
M10	14 53	22 42	4 57	5 23	3 53	6 4	1 31	4 18	0 31	1 50	1 15	20 2	0 31	3 52	0 50	14 41	1 33	15 51	5 48	7 14	6 51	14 43	16 59	6 5	M10
T 11	14 35	26 0	5 13	5 15	4 5	5 34	1 30	4 33	0 31	1 49	1 15	20 1	0 31	3 52	0 50	14 41	1 33	15 50	5 48	7 14	6 52	14 40	16 59	6 5	T 11
W12	14 17	27 55	5 13	5 10	4 17	5 5	1 29	4 47	0 30	1 47	1 15	20 0	0 31	3 53	0 50	14 41	1 33	15 50	5 48	7 15	6 53	14 37	16 58	6 5	W12
T 13	13 59	28 7	4 55	5 8	4 28	4 36	1 28	5 2	0 29	1 46	1 15	19 58	0 31	3 54	0 50	14 41	1 33	15 49	5 48	7 15	6 55	14 34	16 58	6 6	T 13
F 14	13 40	26 25	4 17	5 8	4 38	4 6	1 26	5 16	0 28	1 44	1 16	19 57	0 31	3 55	0 50	14 41	1 33	15 49	5 48	7 16	6 56	14 31	16 57	6 6	F 14
S 15	13 22	22 50	3 21	5 10	4 46	3 37	1 25	5 31	0 28	1 43	1 16	19 56	0 31	3 56	0 50	14 41	1 33	15 48	5 48	7 17	6 57	14 28	16 57	6 7	S 15
S 16	13 3	17 41	2 10	5 15	4 54	3 7	1 23	5 45	0 27	1 41	1 16	19 54	0 31	3 56	0 50	14 41	1 33	15 48	5 48	7 18	6 58	14 25	16 56	6 7	S 16
M17	12 43	11 23	0 50	5 23	5 0	2 37	1 22	6 0	0 26	1 39	1 17	19 53	0 31	3 57	0 50	14 41	1 33	15 47	5 48	7 18	6 59	14 22	16 55	6 7	M17
T 18	12 24	4 28	0s34	5 32	5 4	2 7	1 20	6 14	0 25	1 37	1 17	19 52	0 31	3 58	0 50	14 41	1 33	15 46	5 48	7 18	7 1	14 19	16 55	6 8	T 18
W19	12 5	2s35	1 54	5 44	5 7	1 37	1 18	6 28	0 25	1 35	1 17	19 50	0 31	3 59	0 50	14 41	1 33	15 46	5 48	7 18	7 2	14 16	16 54	6 8	W19
T 20	11 45	9 21	3 4	5 58	5 8	1 7	1 17	6 43	0 24	1 33	1 17	19 49	0 31	4 0	0 50	14 41	1 33	15 45	5 48	7 17	7 3	14 13	16 54	6 9	T 20
F 21	11 25	15 26	4 2	6 13	5 7	0 37	1 15	6 57	0 23	1 31	1 17	19 48	0 31	4 1	0 50	14 41	1 33	15 45	5 49	7 17	7 4	14 10	16 53	6 9	F 21
S 22	11 5	20 34	4 43	6 31	5 5	0 7	1 13	7 11	0 22	1 29	1 18	19 46	0 31	4 1	0 50	14 41	1 33	15 44	5 49	7 17	7 5	14 7	16 52	6 9	S 22
S 23	10 45	24 30	5 9	6 49	5 0	0s23	1 11	7 26	0 22	1 27	1 18	19 45	0 31	4 2	0 50	14 41	1 33	15 43	5 49	7 17	7 7	14 4	16 52	6 10	S 23
M24	10 24	27 5	5 17	7 8	4 54	0 53	1 9	7 40	0 21	1 25	1 18	19 44	0 30	4 3	0 50	14 41	1 33	15 43	5 49	7 17	7 8	14 0	16 51	6 10	M24
T 25	10 4	28 13	5 10	7 29	4 47	1 23	1 7	7 54	0 20	1 22	1 18	19 42	0 30	4 4	0 50	14 40	1 33	15 42	5 49	7 17	7 9	13 57	16 51	6 11	T 25
W26	9 43	27 56	4 49	7 49	4 37	1 53	1 5	8 9	0 20	1 20	1 19	19 41	0 30	4 5	0 50	14 40	1 33	15 42	5 49	7 17	7 10	13 54	16 50	6 11	W26
T 27	9 22	26 18	4 16	8 10	4 26	2 23	1 2	8 23	0 19	1 18	1 19	19 40	0 30	4 6	0 50	14 40	1 33	15 41	5 49	7 17	7 11	13 51	16 49	6 12	T 27
F 28	9 1	23 30	3 31	8 30	4 14	2 53	1 0	8 37	0 18	1 15	1 19	19 38	0 30	4 7	0 50	14 40	1 34	15 41	5 49	7 18	7 13	13 48	16 49	6 12	F 28
S 29	8 40	19 44	2 38	8 50	4 1	3 23	0 58	8 51	0 17	1 13	1 19	19 37	0 30	4 8	0 50	14 40	1 34	15 40	5 49	7 18	7 14	13 45	16 48	6 12	S 29
S 30	8 19	15 12	1 38	9 9	3 47	3 53	0 55	9 5	0 17	1 10	1 19	19 36	0 30	4 9	0 50	14 40	1 34	15 39	5 49	7 18	7 15	13 42	16 47	6 13	S 30
M31	7n58	10s 7	0s34	9n27	3s31	4s23	0n53	9s19	0n16	1n 8	1s20	19n34	0s30	4s 9	0s50	14n39	1s34	15n39	5n49	7s18	7s16	13s39	16n47	6s13	M31

Julian Day Number = 3066095.5, Delta T = 02h34m03s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'47, Lahiri = 47°26'48

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

SEPTEMBER 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 45 8	10♍24'05	16♓53	25°D51	14♎28	25♎33	5°R51	29♋40	21°R20	14°R51	3♍17	11°D12	11♓14	26♒59	7♋57	T 1
W 2	22 49 5	11°21'35	28°48	25♏54	15°39	26°10	5♈45	29°46	21♓18	14♉51	3°19	11°R12	11°11	27° 6	8° 0	W 2
T 3	22 53 1	12°19'06	10♈49	26° 3	16°51	26°47	5°38	29°53	21°16	14°50	3°21	11♓12	11° 8	27°13	8° 3	T 3
F 4	22 56 58	13°16'38	22°59	26°19	18° 2	27°24	5°32	29°59	21°13	14°50	3°22	11°12	11° 4	27°19	8° 6	F 4
S 5	23 0 54	14°14'11	5♉21	26°42	19°13	28° 2	5°25	0♌ 5	21°11	14°49	3°24	11°12	11° 1	27°26	8° 8	S 5
S 6	23 4 51	15°11'46	17°57	27°11	20°24	28°39	5°18	0°12	21° 9	14°48	3°26	11°11	10°58	27°32	8°11	S 6
M 7	23 8 47	16° 9'21	0♊50	27°48	21°35	29°16	5°11	0°18	21° 6	14°48	3°27	11°11	10°55	27°39	8°14	M 7
T 8	23 12 44	17° 6'58	14° 3	28°31	22°46	29°54	5° 4	0°24	21° 4	14°47	3°29	11°D11	10°52	27°46	8°17	T 8
W 9	23 16 40	18° 4'37	27°37	29°22	23°57	0♍31	4°57	0°30	21° 1	14°46	3°31	11°11	10°48	27°52	8°19	W 9
T 10	23 20 37	19° 2'17	11♋34	0♍18	25° 8	1° 9	4°50	0°36	20°59	14°46	3°33	11°11	10°45	27°59	8°22	T 10
F 11	23 24 34	19°59'58	25°54	1°22	26°19	1°47	4°42	0°42	20°57	14°45	3°34	11°12	10°42	28° 6	8°24	F 11
S 12	23 28 30	20°57'41	10♌33	2°31	27°30	2°24	4°35	0°48	20°54	14°44	3°36	11°13	10°39	28°12	8°27	S 12
S 13	23 32 27	21°55'25	25°28	3°46	28°41	3° 2	4°27	0°54	20°52	14°43	3°38	11°13	10°36	28°19	8°29	S 13
M14	23 36 23	22°53'10	10♍31	5° 7	29°52	3°40	4°20	1° 0	20°50	14°42	3°39	11°R13	10°33	28°26	8°32	M14
T 15	23 40 20	23°50'57	25°34	6°33	1♏ 3	4°18	4°12	1° 5	20°47	14°41	3°41	11°13	10°29	28°32	8°34	T 15
W16	23 44 16	24°48'44	10♎28	8° 4	2°13	4°56	4° 4	1°11	20°45	14°41	3°43	11°12	10°26	28°39	8°36	W16
T 17	23 48 13	25°46'33	25° 6	9°40	3°24	5°34	3°57	1°17	20°42	14°40	3°44	11°11	10°23	28°46	8°38	T 17
F 18	23 52 9	26°44'24	9♏21	11°19	4°34	6°12	3°49	1°22	20°40	14°39	3°46	11° 9	10°20	28°52	8°40	F 18
S 19	23 56 6	27°42'15	23°10	13° 3	5°45	6°50	3°41	1°28	20°38	14°38	3°48	11° 7	10°17	28°59	8°42	S 19
S 20	0 0 2	28°40'07	6♐33	14°49	6°55	7°28	3°33	1°33	20°35	14°37	3°49	11° 5	10°14	29° 6	8°44	S 20
M21	0 3 59	29°38'01	19°30	16°39	8° 5	8° 6	3°25	1°38	20°33	14°36	3°51	11° 4	10°10	29°12	8°46	M21
T 22	0 7 56	0♎35'56	2♑ 5	18°30	9°16	8°45	3°17	1°44	20°30	14°34	3°52	11°D 4	10° 7	29°19	8°48	T 22
W23	0 11 52	1°33'52	14°21	20°24	10°26	9°23	3°10	1°49	20°28	14°33	3°54	11° 4	10° 4	29°26	8°49	W23
T 24	0 15 49	2°31'49	26°24	22°19	11°36	10° 1	3° 2	1°54	20°26	14°32	3°56	11° 5	10° 1	29°32	8°51	T 24
F 25	0 19 45	3°29'47	8♒17	24°15	12°46	10°40	2°54	1°59	20°24	14°31	3°57	11° 7	9°58	29°39	8°53	F 25
S 26	0 23 42	4°27'47	20° 5	26°12	13°56	11°19	2°46	2° 4	20°21	14°30	3°59	11° 9	9°54	29°45	8°54	S 26
S 27	0 27 38	5°25'47	1♓53	28° 9	15° 6	11°57	2°38	2° 9	20°19	14°29	4° 0	11°10	9°51	29°52	8°56	S 27
M28	0 31 35	6°23'50	13°44	0♎ 7	16°16	12°36	2°30	2°13	20°17	14°28	4° 2	11°R10	9°48	29°59	8°57	M28
T 29	0 35 31	7°21'53	25°40	2° 4	17°26	13°15	2°22	2°18	20°14	14°26	4° 3	11° 9	9°45	0♓ 5	8°58	T 29
W30	0 39 28	8♎19'58	7♈44	4♎ 1	18♏35	13♏53	2♈14	2♌23	20♓12	14♉25	4♍ 5	11♓ 7	9♓42	0♓12	8♋59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n36	4s39	0n32	9n43	3s15	4s53	0n50	9s33	0n15	1n 5	1s20	19n33	0s30	4s10	0s50	14n39	1s34	15n38	5n49	7s18	7s17	13s36	16n46	6s14
W 2	7 14	1n 0	1 36	9 58	2 59	5 23	0 47	9 47	0 15	1 2	1 20	19 32	0 30	4 11	0 50	14 39	1 34	15 38	5 49	7 18	7 19	13 33	16 46	6 14
T 3	6 53	6 40	2 37	10 11	2 42	5 52	0 45	10 1	0 14	1 0	1 20	19 30	0 30	4 12	0 50	14 39	1 34	15 37	5 50	7 18	7 20	13 30	16 45	6 15
F 4	6 31	12 9	3 32	10 22	2 24	6 22	0 42	10 15	0 13	0 57	1 20	19 29	0 30	4 13	0 50	14 39	1 34	15 37	5 50	7 18	7 21	13 27	16 44	6 15
S 5	6 9	17 14	4 18	10 31	2 7	6 51	0 39	10 29	0 12	0 54	1 21	19 28	0 30	4 14	0 50	14 38	1 34	15 36	5 50	7 18	7 22	13 24	16 44	6 16
S 6	5 47	21 42	4 52	10 37	1 50	7 21	0 36	10 43	0 12	0 51	1 21	19 27	0 30	4 15	0 50	14 38	1 34	15 36	5 50	7 18	7 23	13 21	16 43	6 16
M 7	5 25	25 14	5 12	10 41	1 32	7 50	0 33	10 57	0 11	0 48	1 21	19 25	0 30	4 16	0 50	14 38	1 34	15 35	5 50	7 19	7 25	13 18	16 42	6 17
T 8	5 3	27 32	5 17	10 42	1 15	8 19	0 30	11 10	0 10	0 45	1 21	19 24	0 30	4 17	0 50	14 38	1 34	15 35	5 50	7 19	7 26	13 14	16 42	6 17
W 9	4 40	28 17	5 5	10 40	0 59	8 48	0 27	11 24	0 10	0 42	1 21	19 23	0 30	4 18	0 50	14 37	1 34	15 34	5 50	7 19	7 27	13 11	16 41	6 18
T 10	4 18	27 17	4 34	10 36	0 43	9 16	0 24	11 38	0 9	0 39	1 21	19 22	0 30	4 19	0 50	14 37	1 34	15 34	5 50	7 18	7 28	13 8	16 40	6 18
F 11	3 56	24 29	3 46	10 28	0 27	9 45	0 21	11 51	0 8	0 36	1 22	19 20	0 30	4 20	0 50	14 37	1 34	15 33	5 50	7 18	7 29	13 5	16 40	6 19
S 12	3 33	20 2	2 42	10 18	0 12	10 13	0 17	12 5	0 8	0 33	1 22	19 19	0 30	4 21	0 50	14 37	1 34	15 33	5 50	7 18	7 30	13 2	16 39	6 19
S 13	3 11	14 17	1 26	10 4	0n 2	10 41	0 14	12 18	0 7	0 30	1 22	19 18	0 29	4 22	0 50	14 36	1 34	15 32	5 51	7 18	7 32	12 59	16 38	6 20
M14	2 48	7 37	0 4	9 48	0 16	11 9	0 11	12 32	0 6	0 27	1 22	19 17	0 29	4 23	0 50	14 36	1 34	15 32	5 51	7 18	7 33	12 56	16 38	6 20
T 15	2 25	0 33	1s19	9 28	0 28	11 37	0 7	12 45	0 6	0 24	1 22	19 16	0 29	4 23	0 50	14 36	1 34	15 31	5 51	7 18	7 34	12 53	16 37	6 21
W16	2 3	6s29	2 35	9 6	0 40	12 5	0 4	12 58	0 5	0 21	1 22	19 14	0 29	4 24	0 50	14 35	1 34	15 31	5 51	7 18	7 35	12 50	16 36	6 21
T 17	1 40	13 2	3 40	8 40	0 51	12 32	0 0	13 11	0 4	0 18	1 22	19 13	0 29	4 25	0 50	14 35	1 34	15 30	5 51	7 19	7 36	12 47	16 36	6 22
F 18	1 17	18 44	4 29	8 12	1 1	12 59	0s 3	13 24	0 4	0 14	1 22	19 12	0 29	4 26	0 50	14 35	1 35	15 30	5 51	7 19	7 38	12 44	16 35	6 22
S 19	0 54	23 15	5 1	7 41	1 10	13 25	0 7	13 38	0 3	0 11	1 22	19 11	0 29	4 27	0 50	14 34	1 35	15 29	5 51	7 20	7 39	12 40	16 34	6 23
S 20	0 31	26 23	5 15	7 7	1 18	13 52	0 10	13 51	0 2	0 8	1 23	19 10	0 29	4 28	0 50	14 34	1 35	15 29	5 51	7 21	7 40	12 37	16 34	6 23
M21	0 9	28 1	5 13	6 32	1 25	14 18	0 14	14 3	0 2	0 5	1 23	19 9	0 29	4 29	0 50	14 34	1 35	15 28	5 52	7 21	7 41	12 34	16 33	6 24
T 22	0s14	28 8	4 55	5 54	1 31	14 44	0 17	14 16	0 1	0 2	1 23	19 8	0 29	4 30	0 50	14 33	1 35	15 28	5 52	7 21	7 42	12 31	16 32	6 25
W23	0 37	26 51	4 24	5 14	1 36	15 9	0 21	14 29	0 0	0s 1	1 23	19 6	0 29	4 31	0 50	14 33	1 35	15 27	5 52	7 21	7 44	12 28	16 32	6 25
T 24	1 0	24 20	3 43	4 33	1 40	15 34	0 25	14 42	0s 0	0 5	1 23	19 5	0 29	4 32	0 50	14 33	1 35	15 27	5 52	7 21	7 45	12 25	16 31	6 26
F 25	1 23	20 48	2 52	3 50	1 43	15 59	0 29	14 54	0 1	0 8	1 23	19 4	0 29	4 33	0 50	14 32	1 35	15 26	5 52	7 20	7 46	12 22	16 30	6 26
S 26	1 46	16 27	1 54	3 6	1 45	16 24	0 32	15 7	0 1	0 11	1 23	19 3	0 29	4 34	0 50	14 32	1 35	15 26	5 52	7 19	7 47	12 19	16 30	6 27
S 27	2 8	11 30	0 51	2 21	1 46	16 48	0 36	15 19	0 2	0 14	1 23	19 2	0 29	4 34	0 50	14 32	1 35	15 25	5 52	7 19	7 48	12 15	16 29	6 27
M28	2 31	6 8	0n14	1 35	1 47	17 12	0 40	15 31	0 3	0 17	1 23	19 1	0 29	4 35	0 50	14 31	1 35	15 25	5 53	7 19	7 50	12 12	16 29	6 28
T 29	2 54	0 30	1 19	0 49	1 46	17 35	0 44	15 44	0 3	0 20	1 23	19 0	0 29	4 36	0 50	14 31	1 35	15 25	5 53	7 19	7 51	12 9	16 28	6 28
W30	3s17	5n12	2n21	0n 2	1n45	17s58	0s48	15s56	0s 4	0s23	1s23	18n59	0s29	4s37	0s50	14n30	1s35	15n24	5n53	7s20	7s52	12s 6	16n27	6s29

Julian Day Number = 3066126.5, Delta T = 02h34m04s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'52, Lahiri = 47°26'52

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

OCTOBER 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 43 25	9♎18'05	19♈58	5♎58	19♏45	14♏32	2°R 6	2♌27	20°R10	14°R24	4♍ 6	11°R 4	9♓39	0♓19	9♋ 1	T 1
F 2	0 47 21	10°16'13	2♉23	7°54	20°54	15°11	1♈59	2°32	20♓ 8	14♉22	4° 8	10♓59	9°35	0°25	9° 2	F 2
S 3	0 51 18	11°14'23	15° 1	9°49	22° 4	15°50	1°51	2°36	20° 6	14°21	4° 9	10°54	9°32	0°32	9° 3	S 3
S 4	0 55 14	12°12'35	27°51	11°43	23°13	16°29	1°43	2°40	20° 3	14°20	4°11	10°49	9°29	0°39	9° 4	S 4
M 5	0 59 11	13°10'49	10♊55	13°37	24°22	17° 8	1°36	2°45	20° 1	14°18	4°12	10°45	9°26	0°45	9° 4	M 5
T 6	1 3 7	14° 9'04	24°14	15°29	25°32	17°47	1°28	2°49	19°59	14°17	4°14	10°42	9°23	0°52	9° 5	T 6
W 7	1 7 4	15° 7'22	7♋47	17°21	26°41	18°27	1°21	2°53	19°57	14°16	4°15	10°40	9°20	0°59	9° 6	W 7
T 8	1 11 0	16° 5'42	21°37	19°11	27°50	19° 6	1°13	2°57	19°55	14°14	4°16	10°D40	9°16	1° 5	9° 7	T 8
F 9	1 14 57	17° 4'04	5♌43	21° 1	28°59	19°45	1° 6	3° 0	19°53	14°13	4°18	10°41	9°13	1°12	9° 7	F 9
S 10	1 18 54	18° 2'27	20° 4	22°49	0♐ 7	20°25	0°59	3° 4	19°51	14°11	4°19	10°43	9°10	1°18	9° 8	S 10
S 11	1 22 50	19° 0'53	4♍37	24°36	1°16	21° 4	0°51	3° 8	19°49	14°10	4°20	10°R44	9° 7	1°25	9° 8	S 11
M12	1 26 47	19°59'21	19°19	26°23	2°25	21°44	0°44	3°11	19°47	14° 8	4°22	10°43	9° 4	1°32	9° 8	M12
T 13	1 30 43	20°57'50	4♎ 4	28° 8	3°33	22°23	0°37	3°15	19°45	14° 7	4°23	10°42	9° 0	1°38	9° 9	T 13
W14	1 34 40	21°56'21	18°46	29°52	4°42	23° 3	0°30	3°18	19°43	14° 5	4°24	10°38	8°57	1°45	9° 9	W14
T 15	1 38 36	22°54'55	3♏16	1♏35	5°50	23°43	0°24	3°22	19°41	14° 4	4°26	10°32	8°54	1°52	9° 9	T 15
F 16	1 42 33	23°53'30	17°28	3°17	6°58	24°22	0°17	3°25	19°39	14° 2	4°27	10°25	8°51	1°58	9°R 9	F 16
S 17	1 46 29	24°52'07	1♐18	4°58	8° 7	25° 2	0°10	3°28	19°37	14° 1	4°28	10°18	8°48	2° 5	9° 9	S 17
S 18	1 50 26	25°50'45	14°44	6°38	9°15	25°42	0° 4	3°31	19°36	13°59	4°29	10°11	8°45	2°12	9° 9	S 18
M19	1 54 23	26°49'25	27°44	8°17	10°23	26°22	29♓58	3°34	19°34	13°58	4°31	10° 6	8°41	2°18	9° 8	M19
T 20	1 58 19	27°48'07	10♑21	9°55	11°30	27° 2	29°52	3°37	19°32	13°56	4°32	10° 2	8°38	2°25	9° 8	T 20
W21	2 2 16	28°46'50	22°38	11°32	12°38	27°42	29°46	3°39	19°30	13°55	4°33	10° 1	8°35	2°32	9° 8	W21
T 22	2 6 12	29°45'35	4♒40	13° 8	13°46	28°22	29°40	3°42	19°29	13°53	4°34	10°D 1	8°32	2°38	9° 7	T 22
F 23	2 10 9	0♏44'22	16°33	14°43	14°53	29° 3	29°34	3°44	19°27	13°51	4°35	10° 1	8°29	2°45	9° 7	F 23
S 24	2 14 5	1°43'10	28°21	16°18	16° 0	29°43	29°28	3°47	19°26	13°50	4°36	10° 3	8°26	2°52	9° 6	S 24
S 25	2 18 2	2°42'00	10♓10	17°51	17° 7	0♐23	29°23	3°49	19°24	13°48	4°37	10°R 3	8°22	2°58	9° 6	S 25
M26	2 21 58	3°40'51	22° 4	19°24	18°14	1° 4	29°18	3°51	19°23	13°46	4°38	10° 2	8°19	3° 5	9° 5	M26
T 27	2 25 55	4°39'44	4♈ 7	20°56	19°21	1°44	29°13	3°53	19°21	13°45	4°39	9°59	8°16	3°11	9° 4	T 27
W28	2 29 51	5°38'39	16°21	22°26	20°28	2°24	29° 8	3°55	19°20	13°43	4°40	9°54	8°13	3°18	9° 3	W28
T 29	2 33 48	6°37'36	28°50	23°56	21°34	3° 5	29° 3	3°57	19°18	13°41	4°41	9°47	8°10	3°25	9° 2	T 29
F 30	2 37 45	7°36'35	11♉34	25°26	22°41	3°46	28°58	3°59	19°17	13°40	4°42	9°37	8° 6	3°31	9° 1	F 30
S 31	2 41 41	8♏35'35	24♉32	26♏54	23♐47	4♐26	28♓54	4♌ 1	19♓16	13♉38	4♍43	9♓27	8♓ 3	3♓38	9♋ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s39	10n47	3n17	0s46	1n44	18s21	0s52	16s 8	0s 5	0s27	1s23	18n58	0s29	4s38	0s50	14n30	1s35	15n24	5n53	7s21	7s53	12s 3	16n27	6s30
F 2	4 2	16 1	4 5	1 33	1 41	18 43	0 55	16 20	0 5	0 30	1 23	18 57	0 29	4 39	0 50	14 30	1 35	15 23	5 53	7 23	7 54	12 0	16 26	6 30
S 3	4 24	20 40	4 41	2 20	1 39	19 5	0 59	16 32	0 6	0 33	1 23	18 56	0 29	4 40	0 50	14 29	1 35	15 23	5 53	7 25	7 55	11 57	16 25	6 31
S 4	4 47	24 27	5 4	3 8	1 35	19 26	1 3	16 43	0 6	0 36	1 23	18 55	0 29	4 40	0 50	14 29	1 35	15 23	5 54	7 27	7 57	11 53	16 25	6 31
M 5	5 10	27 2	5 12	3 55	1 32	19 47	1 7	16 55	0 7	0 39	1 23	18 55	0 29	4 41	0 50	14 28	1 35	15 22	5 54	7 28	7 58	11 50	16 24	6 32
T 6	5 32	28 9	5 4	4 42	1 27	20 7	1 11	17 6	0 8	0 42	1 23	18 54	0 28	4 42	0 50	14 28	1 35	15 22	5 54	7 29	7 59	11 47	16 24	6 32
W 7	5 54	27 38	4 38	5 29	1 23	20 27	1 15	17 18	0 8	0 45	1 23	18 53	0 28	4 43	0 50	14 27	1 35	15 22	5 54	7 30	8 0	11 44	16 23	6 33
T 8	6 17	25 24	3 56	6 15	1 18	20 47	1 19	17 29	0 9	0 47	1 23	18 52	0 28	4 44	0 50	14 27	1 35	15 21	5 54	7 30	8 1	11 41	16 22	6 34
F 9	6 39	21 34	2 59	7 0	1 12	21 6	1 23	17 40	0 10	0 50	1 23	18 51	0 28	4 44	0 50	14 27	1 35	15 21	5 54	7 30	8 3	11 38	16 22	6 34
S 10	7 1	16 25	1 50	7 46	1 7	21 24	1 27	17 51	0 10	0 53	1 23	18 50	0 28	4 45	0 50	14 26	1 35	15 21	5 55	7 29	8 4	11 34	16 21	6 35
S 11	7 23	10 15	0 33	8 30	1 1	21 42	1 30	18 2	0 11	0 56	1 23	18 49	0 28	4 46	0 50	14 26	1 35	15 20	5 55	7 29	8 5	11 31	16 20	6 35
M12	7 45	3 28	0s47	9 14	0 55	22 0	1 34	18 13	0 11	0 59	1 23	18 49	0 28	4 47	0 50	14 25	1 35	15 20	5 55	7 29	8 6	11 28	16 20	6 36
T 13	8 7	3s30	2 3	9 57	0 49	22 17	1 38	18 24	0 12	1 1	1 23	18 48	0 28	4 47	0 50	14 25	1 35	15 20	5 55	7 30	8 7	11 25	16 19	6 36
W14	8 28	10 15	3 12	10 40	0 42	22 34	1 42	18 34	0 13	1 4	1 23	18 47	0 28	4 48	0 50	14 24	1 35	15 19	5 55	7 31	8 8	11 22	16 19	6 37
T 15	8 50	16 21	4 6	11 22	0 35	22 50	1 46	18 45	0 13	1 7	1 23	18 46	0 28	4 49	0 50	14 24	1 35	15 19	5 55	7 33	8 10	11 19	16 18	6 38
F 16	9 11	21 27	4 45	12 3	0 29	23 5	1 50	18 55	0 14	1 9	1 23	18 46	0 28	4 50	0 50	14 23	1 35	15 19	5 56	7 36	8 11	11 15	16 18	6 38
S 17	9 33	25 13	5 5	12 43	0 22	23 20	1 53	19 5	0 14	1 12	1 23	18 45	0 28	4 50	0 50	14 23	1 35	15 19	5 56	7 38	8 12	11 12	16 17	6 39
S 18	9 54	27 27	5 8	13 23	0 15	23 34	1 57	19 15	0 15	1 14	1 22	18 44	0 28	4 51	0 50	14 22	1 36	15 18	5 56	7 41	8 13	11 9	16 16	6 39
M19	10 15	28 7	4 54	14 1	0 8	23 48	2 1	19 25	0 16	1 17	1 22	18 44	0 28	4 52	0 50	14 22	1 36	15 18	5 56	7 43	8 14	11 6	16 16	6 40
T 20	10 36	27 16	4 27	14 39	0 0	24 1	2 5	19 35	0 16	1 19	1 22	18 43	0 28	4 52	0 50	14 21	1 36	15 18	5 56	7 44	8 16	11 3	16 15	6 40
W21	10 57	25 5	3 48	15 16	0s 7	24 14	2 8	19 45	0 17	1 21	1 22	18 43	0 28	4 53	0 50	14 21	1 36	15 18	5 57	7 45	8 17	10 59	16 15	6 41
T 22	11 17	21 49	2 59	15 52	0 14	24 26	2 12	19 54	0 17	1 23	1 22	18 42	0 28	4 53	0 50	14 20	1 36	15 17	5 57	7 45	8 18	10 56	16 14	6 41
F 23	11 38	17 42	2 3	16 27	0 21	24 37	2 15	20 3	0 18	1 26	1 22	18 42	0 28	4 54	0 50	14 20	1 36	15 17	5 57	7 45	8 19	10 53	16 14	6 42
S 24	11 58	12 55	1 3	17 1	0 29	24 48	2 19	20 13	0 18	1 28	1 22	18 41	0 28	4 55	0 50	14 20	1 36	15 17	5 57	7 44	8 20	10 50	16 13	6 43
S 25	12 18	7 41	0n 1	17 35	0 36	24 58	2 22	20 22	0 19	1 30	1 22	18 41	0 28	4 55	0 50	14 19	1 36	15 17	5 57	7 44	8 21	10 47	16 13	6 43
M26	12 38	2 8	1 4	18 7	0 43	25 8	2 26	20 30	0 20	1 32	1 22	18 40	0 28	4 56	0 49	14 19	1 36	15 16	5 58	7 44	8 23	10 43	16 12	6 44
T 27	12 58	3n33	2 6	18 38	0 50	25 17	2 29	20 39	0 20	1 34	1 21	18 40	0 28	4 56	0 49	14 18	1 36	15 16	5 58	7 45	8 24	10 40	16 12	6 44
W28	13 17	9 11	3 2	19 9	0 58	25 25	2 33	20 48	0 21	1 35	1 21	18 39	0 28	4 57	0 49	14 18	1 36	15 16	5 58	7 47	8 25	10 37	16 11	6 45
T 29	13 36	14 34	3 51	19 38	1 5	25 33	2 36	20 56	0 21	1 37	1 21	18 39	0 28	4 57	0 49	14 17	1 36	15 16	5 58	7 50	8 26	10 34	16 11	6 45
F 30	13 56	19 26	4 29	20 6	1 12	25 40	2 39	21 4	0 22	1 39	1 21	18 38	0 27	4 58	0 49	14 17	1 36	15 16	5 59	7 54	8 27	10 31	16 10	6 46
S 31	14s14	23n29	4n54	20s34	1s19	25s47	2s42	21s12	0s22	1s40	1s21	18n38	0s27	4s58	0s49	14n16	1s36	15n16	5n59	7s58	8s29	10s27	16n10	6s46

Julian Day Number = 3066156.5, Delta T = 02h34m04s
Ecliptic obliquity = 23°13'32, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°19'56, Lahiri = 47°26'56

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

NOVEMBER 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 45 38	9♏34'38	7♊44	28♏21	24♐53	5♐ 7	28°R50	4♌ 2	19°R14	13°R36	4♍44	9°R16	8♓ 0	3♓45	8°R59	S 1
M 2	2 49 34	10°33'43	21° 8	29°48	25°59	5°48	28♓46	4° 4	19♓13	13♉35	4°45	9♓ 7	7°57	3°51	8♋58	M 2
T 3	2 53 31	11°32'50	4♋43	1♐13	27° 5	6°29	28°42	4° 5	19°12	13°33	4°46	9° 0	7°54	3°58	8°56	T 3
W 4	2 57 27	12°31'59	18°28	2°38	28°10	7°10	28°38	4° 6	19°11	13°31	4°47	8°55	7°51	4° 5	8°55	W 4
T 5	3 1 24	13°31'11	2♌20	4° 2	29°16	7°51	28°34	4° 7	19°10	13°30	4°47	8°53	7°47	4°11	8°54	T 5
F 6	3 5 20	14°30'24	16°21	5°25	0♑21	8°32	28°31	4° 8	19° 9	13°28	4°48	8°D52	7°44	4°18	8°52	F 6
S 7	3 9 17	15°29'40	0♍28	6°47	1°26	9°13	28°28	4° 9	19° 8	13°26	4°49	8°52	7°41	4°25	8°51	S 7
S 8	3 13 14	16°28'58	14°42	8° 8	2°30	9°54	28°25	4°10	19° 7	13°25	4°50	8°R52	7°38	4°31	8°49	S 8
M 9	3 17 10	17°28'19	29° 0	9°27	3°35	10°35	28°22	4°11	19° 6	13°23	4°50	8°51	7°35	4°38	8°47	M 9
T 10	3 21 7	18°27'41	13♎20	10°46	4°39	11°16	28°19	4°11	19° 5	13°21	4°51	8°47	7°31	4°44	8°45	T 10
W11	3 25 3	19°27'06	27°37	12° 3	5°43	11°58	28°17	4°12	19° 4	13°20	4°52	8°40	7°28	4°51	8°43	W11
T 12	3 29 0	20°26'32	11♏47	13°19	6°47	12°39	28°15	4°12	19° 3	13°18	4°52	8°31	7°25	4°58	8°41	T 12
F 13	3 32 56	21°26'01	25°43	14°34	7°51	13°21	28°13	4°12	19° 3	13°16	4°53	8°19	7°22	5° 4	8°39	F 13
S 14	3 36 53	22°25'32	9♐23	15°47	8°54	14° 2	28°11	4°13	19° 2	13°15	4°54	8° 7	7°19	5°11	8°37	S 14
S 15	3 40 49	23°25'04	22°42	16°58	9°58	14°44	28°10	4°R13	19° 1	13°13	4°54	7°56	7°16	5°18	8°35	S 15
M16	3 44 46	24°24'39	5♑39	18° 8	11° 1	15°26	28° 8	4°12	19° 1	13°12	4°55	7°46	7°12	5°24	8°33	M16
T 17	3 48 43	25°24'15	18°15	19°16	12° 3	16° 7	28° 7	4°12	19° 0	13°10	4°55	7°38	7° 9	5°31	8°31	T 17
W18	3 52 39	26°23'53	0♒32	20°21	13° 5	16°49	28° 6	4°12	19° 0	13° 8	4°56	7°33	7° 6	5°38	8°28	W18
T 19	3 56 36	27°23'32	12°35	21°24	14° 7	17°31	28° 5	4°12	18°59	13° 7	4°56	7°30	7° 3	5°44	8°26	T 19
F 20	4 0 32	28°23'13	24°28	22°25	15° 9	18°13	28° 5	4°11	18°59	13° 5	4°57	7°D29	7° 0	5°51	8°24	F 20
S 21	4 4 29	29°22'56	6♓16	23°22	16°11	18°55	28° 4	4°10	18°58	13° 4	4°57	7°R29	6°57	5°58	8°21	S 21
S 22	4 8 25	0♐22'40	18° 5	24°17	17°12	19°37	28°D 4	4°10	18°58	13° 2	4°57	7°29	6°53	6° 4	8°19	S 22
M23	4 12 22	1°22'26	0♈ 0	25° 7	18°12	20°19	28° 4	4° 9	18°58	13° 0	4°58	7°27	6°50	6°11	8°16	M23
T 24	4 16 18	2°22'13	12° 7	25°54	19°13	21° 1	28° 4	4° 8	18°58	12°59	4°58	7°23	6°47	6°17	8°13	T 24
W25	4 20 15	3°22'02	24°30	26°37	20°13	21°43	28° 5	4° 7	18°58	12°57	4°58	7°17	6°44	6°24	8°11	W25
T 26	4 24 12	4°21'53	7♉10	27°14	21°12	22°26	28° 5	4° 5	18°58	12°56	4°59	7° 7	6°41	6°31	8° 8	T 26
F 27	4 28 8	5°21'45	20°10	27°46	22°12	23° 8	28° 6	4° 4	18°D58	12°54	4°59	6°56	6°37	6°37	8° 5	F 27
S 28	4 32 5	6°21'40	3♊30	28°12	23°10	23°50	28° 7	4° 3	18°58	12°53	4°59	6°43	6°34	6°44	8° 2	S 28
S 29	4 36 1	7°21'36	17° 6	28°32	24° 9	24°33	28° 9	4° 1	18°58	12°51	4°59	6°30	6°31	6°51	7°59	S 29
M30	4 39 58	8♐21'34	0♋57	28♐44	25♑ 7	25♐15	28♓10	4♌ 0	18♓58	12♉50	4♍59	6♓18	6♓28	6♓57	7♋56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s33	26n24	5n 4	21s 0	1s25	25s53	2s45	21s20	0s23	1s42	1s21	18n38	0s27	4s59	0s49	14n16	1s36	15n16	5n59	8s 1	8s30	10s24	16n 9	6s47
M 2	14 52	27 53	4 57	21 26	1 32	25 58	2 48	21 28	0 24	1 43	1 21	18 38	0 27	4 59	0 49	14 15	1 36	15 15	5 59	8 5	8 31	10 21	16 9	6 48
T 3	15 10	27 43	4 34	21 50	1 39	26 3	2 51	21 36	0 24	1 45	1 20	18 37	0 27	5 0	0 49	14 15	1 36	15 15	5 59	8 8	8 32	10 18	16 8	6 48
W 4	15 28	25 51	3 55	22 13	1 45	26 7	2 54	21 43	0 25	1 46	1 20	18 37	0 27	5 0	0 49	14 14	1 36	15 15	6 0	8 9	8 33	10 15	16 8	6 49
T 5	15 45	22 25	3 2	22 36	1 52	26 10	2 57	21 50	0 25	1 47	1 20	18 37	0 27	5 0	0 49	14 14	1 36	15 15	6 0	8 10	8 34	10 11	16 8	6 49
F 6	16 3	17 39	1 57	22 57	1 58	26 13	2 59	21 57	0 26	1 49	1 20	18 37	0 27	5 1	0 49	14 13	1 36	15 15	6 0	8 10	8 36	10 8	16 7	6 50
S 7	16 20	11 54	0 45	23 17	2 4	26 15	3 2	22 4	0 26	1 50	1 20	18 36	0 27	5 1	0 49	14 13	1 36	15 15	6 0	8 10	8 37	10 5	16 7	6 50
S 8	16 37	5 30	0s31	23 36	2 10	26 17	3 5	22 11	0 27	1 51	1 20	18 36	0 27	5 2	0 49	14 12	1 36	15 15	6 0	8 10	8 38	10 2	16 6	6 51
M 9	16 54	1s13	1 45	23 54	2 15	26 18	3 7	22 17	0 27	1 52	1 19	18 36	0 27	5 2	0 49	14 12	1 36	15 15	6 1	8 11	8 39	9 58	16 6	6 51
T 10	17 10	7 52	2 52	24 11	2 20	26 18	3 9	22 23	0 28	1 52	1 19	18 36	0 27	5 2	0 49	14 11	1 36	15 15	6 1	8 12	8 40	9 55	16 6	6 52
W11	17 26	14 5	3 48	24 26	2 25	26 17	3 12	22 30	0 28	1 53	1 19	18 36	0 27	5 2	0 49	14 11	1 36	15 15	6 1	8 15	8 41	9 52	16 5	6 52
T 12	17 42	19 31	4 30	24 41	2 30	26 17	3 14	22 35	0 29	1 54	1 19	18 36	0 27	5 3	0 49	14 10	1 36	15 15	6 1	8 18	8 43	9 49	16 5	6 53
F 13	17 58	23 47	4 54	24 54	2 35	26 15	3 16	22 41	0 30	1 55	1 19	18 36	0 27	5 3	0 49	14 10	1 36	15 15	6 2	8 23	8 44	9 46	16 4	6 53
S 14	18 13	26 37	5 1	25 6	2 39	26 13	3 18	22 47	0 30	1 55	1 19	18 36	0 27	5 3	0 49	14 9	1 36	15 15	6 2	8 27	8 45	9 42	16 4	6 54
S 15	18 28	27 53	4 52	25 17	2 43	26 10	3 19	22 52	0 31	1 56	1 18	18 36	0 27	5 3	0 49	14 9	1 36	15 15	6 2	8 31	8 46	9 39	16 4	6 54
M16	18 42	27 33	4 27	25 27	2 46	26 7	3 21	22 57	0 31	1 56	1 18	18 36	0 27	5 4	0 49	14 8	1 36	15 15	6 2	8 35	8 47	9 36	16 3	6 55
T 17	18 57	25 47	3 50	25 36	2 49	26 3	3 22	23 2	0 32	1 56	1 18	18 36	0 27	5 4	0 49	14 8	1 36	15 15	6 3	8 38	8 48	9 33	16 3	6 55
W18	19 11	22 50	3 3	25 44	2 52	25 58	3 24	23 7	0 32	1 56	1 18	18 36	0 27	5 4	0 49	14 7	1 36	15 15	6 3	8 40	8 50	9 29	16 3	6 55
T 19	19 24	18 56	2 8	25 50	2 54	25 53	3 25	23 11	0 33	1 57	1 18	18 36	0 27	5 4	0 49	14 7	1 36	15 15	6 3	8 41	8 51	9 26	16 2	6 56
F 20	19 37	14 20	1 9	25 55	2 55	25 47	3 26	23 16	0 33	1 57	1 17	18 37	0 27	5 4	0 49	14 6	1 36	15 15	6 3	8 41	8 52	9 23	16 2	6 56
S 21	19 50	9 14	0 7	25 59	2 56	25 41	3 27	23 20	0 34	1 57	1 17	18 37	0 26	5 4	0 49	14 6	1 36	15 15	6 3	8 41	8 53	9 20	16 2	6 57
S 22	20 3	3 49	0n56	26 2	2 56	25 34	3 28	23 23	0 34	1 56	1 17	18 37	0 26	5 4	0 49	14 5	1 36	15 15	6 4	8 41	8 54	9 16	16 2	6 57
M23	20 15	1n47	1 56	26 4	2 56	25 27	3 29	23 27	0 35	1 56	1 17	18 37	0 26	5 4	0 48	14 5	1 36	15 15	6 4	8 42	8 55	9 13	16 1	6 58
T 24	20 27	7 24	2 52	26 4	2 55	25 19	3 30	23 31	0 35	1 56	1 17	18 38	0 26	5 4	0 48	14 5	1 36	15 15	6 4	8 43	8 57	9 10	16 1	6 58
W25	20 38	12 51	3 41	26 4	2 53	25 11	3 30	23 34	0 36	1 56	1 16	18 38	0 26	5 4	0 48	14 4	1 36	15 15	6 4	8 46	8 58	9 7	16 1	6 58
T 26	20 50	17 53	4 21	26 2	2 50	25 2	3 30	23 37	0 36	1 55	1 16	18 38	0 26	5 4	0 48	14 4	1 36	15 15	6 5	8 49	8 59	9 3	16 1	6 59
F 27	21 0	22 15	4 48	25 58	2 46	24 53	3 30	23 40	0 37	1 55	1 16	18 39	0 26	5 4	0 48	14 3	1 36	15 16	6 5	8 53	9 0	9 0	16 0	6 59
S 28	21 11	25 34	5 0	25 54	2 41	24 43	3 30	23 42	0 37	1 54	1 16	18 39	0 26	5 4	0 48	14 3	1 35	15 16	6 5	8 58	9 1	8 57	16 0	7 0
S 29	21 21	27 30	4 55	25 48	2 35	24 32	3 30	23 44	0 38	1 53	1 16	18 39	0 26	5 4	0 48	14 2	1 35	15 16	6 5	9 3	9 2	8 54	16 0	7 0
M30	21s30	27n47	4n33	25s41	2s27	24s22	3s30	23s47	0s38	1s53	1s15	18n40	0s26	5s 4	0s48	14n 2	1s35	15n16	6n 6	9s 7	9s 4	8s50	16n 0	7s 0

Julian Day Number = 3066187.5, Delta T = 02h34m05s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'00, Lahiri = 47°27'00

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ASTRODIENST EPHEMERIS for the year 3682
geocentric

DECEMBER 3682 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 43 54	9♐21'34	14♋57	28°R48	26♑ 4	25♐58	28♓12	3°R58	18♓58	12°R48	4♍59	6°R 9	6♓25	7♓ 4	7°R53	T 1
W 2	4 47 51	10°21'36	29° 3	28♐43	27° 1	26°40	28°14	3♌56	18°58	12♉47	5° 0	6♓ 2	6°22	7°11	7♋50	W 2
T 3	4 51 48	11°21'39	13♌11	28°30	27°57	27°23	28°16	3°54	18°58	12°45	5° 0	5°59	6°18	7°17	7°47	T 3
F 4	4 55 44	12°21'45	27°19	28° 6	28°53	28° 6	28°18	3°52	18°59	12°44	5° 0	5°57	6°15	7°24	7°44	F 4
S 5	4 59 41	13°21'53	11♍25	27°33	29°49	28°49	28°20	3°50	18°59	12°43	5°R 0	5°57	6°12	7°31	7°41	S 5
S 6	5 3 37	14°22'03	25°29	26°50	0♒44	29°31	28°23	3°48	18°59	12°41	5° 0	5°57	6° 9	7°37	7°37	S 6
M 7	5 7 34	15°22'14	9♎30	25°57	1°38	0♑14	28°26	3°45	19° 0	12°40	5° 0	5°55	6° 6	7°44	7°34	M 7
T 8	5 11 30	16°22'28	23°27	24°56	2°31	0°57	28°29	3°43	19° 0	12°39	5° 0	5°51	6° 3	7°51	7°31	T 8
W 9	5 15 27	17°22'44	7♏18	23°46	3°25	1°40	28°32	3°40	19° 1	12°37	4°59	5°44	5°59	7°57	7°27	W 9
T 10	5 19 23	18°23'01	21° 1	22°31	4°17	2°23	28°35	3°38	19° 2	12°36	4°59	5°34	5°56	8° 4	7°24	T 10
F 11	5 23 20	19°23'20	4♐33	21°12	5° 9	3° 7	28°39	3°35	19° 2	12°35	4°59	5°22	5°53	8°10	7°21	F 11
S 12	5 27 17	20°23'41	17°52	19°51	6° 0	3°50	28°43	3°32	19° 3	12°33	4°59	5° 9	5°50	8°17	7°17	S 12
S 13	5 31 13	21°24'04	0♑55	18°31	6°50	4°33	28°47	3°29	19° 4	12°32	4°59	4°57	5°47	8°24	7°14	S 13
M14	5 35 10	22°24'28	13°42	17°15	7°40	5°16	28°51	3°26	19° 5	12°31	4°59	4°46	5°44	8°30	7°10	M14
T 15	5 39 6	23°24'54	26°11	16° 5	8°28	6° 0	28°56	3°23	19° 6	12°30	4°58	4°37	5°40	8°37	7° 7	T 15
W16	5 43 3	24°25'20	8♒24	15° 4	9°16	6°43	29° 0	3°20	19° 7	12°29	4°58	4°31	5°37	8°44	7° 3	W16
T 17	5 46 59	25°25'49	20°25	14°13	10° 3	7°27	29° 5	3°17	19° 8	12°28	4°58	4°28	5°34	8°50	7° 0	T 17
F 18	5 50 56	26°26'18	2♓16	13°32	10°49	8°10	29°10	3°13	19° 9	12°26	4°57	4°D27	5°31	8°57	6°56	F 18
S 19	5 54 53	27°26'48	14° 4	13° 3	11°35	8°54	29°15	3°10	19°10	12°25	4°57	4°27	5°28	9° 4	6°52	S 19
S 20	5 58 49	28°27'20	25°52	12°46	12°19	9°38	29°20	3° 6	19°11	12°24	4°57	4°R28	5°24	9°10	6°49	S 20
M21	6 2 46	29°27'52	7♈47	12°D40	13° 2	10°21	29°26	3° 3	19°12	12°23	4°56	4°27	5°21	9°17	6°45	M21
T 22	6 6 42	0♑28'26	19°54	12°45	13°44	11° 5	29°31	2°59	19°13	12°22	4°56	4°25	5°18	9°24	6°42	T 22
W23	6 10 39	1°29'01	2♉17	13° 0	14°25	11°49	29°37	2°55	19°14	12°21	4°55	4°21	5°15	9°30	6°38	W23
T 24	6 14 35	2°29'37	15° 2	13°25	15° 5	12°33	29°43	2°51	19°16	12°20	4°55	4°14	5°12	9°37	6°34	T 24
F 25	6 18 32	3°30'14	28°11	13°58	15°43	13°17	29°49	2°47	19°17	12°19	4°54	4° 5	5° 9	9°43	6°30	F 25
S 26	6 22 28	4°30'53	11♊43	14°38	16°21	14° 1	29°56	2°43	19°19	12°19	4°54	3°55	5° 5	9°50	6°27	S 26
S 27	6 26 25	5°31'32	25°38	15°25	16°57	14°45	0♈ 2	2°39	19°20	12°18	4°53	3°45	5° 2	9°57	6°23	S 27
M28	6 30 22	6°32'13	9♋52	16°18	17°31	15°29	0° 9	2°35	19°22	12°17	4°53	3°36	4°59	10° 3	6°19	M28
T 29	6 34 18	7°32'54	24°19	17°16	18° 5	16°13	0°16	2°31	19°23	12°16	4°52	3°28	4°56	10°10	6°16	T 29
W30	6 38 15	8°33'37	8♌52	18°19	18°36	16°57	0°23	2°27	19°25	12°15	4°51	3°23	4°53	10°17	6°12	W30
T 31	6 42 11	9♑34'22	23♌26	19♐25	19♒ 7	17♑42	0♈30	2♌22	19♓26	12♉15	4♍51	3♓21	4♓50	10♓23	6♋ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s39	26n17	3n55	25s32	2s19	24s10	3s29	23s48	0s39	1s52	1s15	18n40	0s26	5s 4	0s48	14n 1	1s35	15n16	6n 6	9s11	9s 5	8s47	16n 0	7s 1
W 2	21 48	23 8	3 2	25 22	2 9	23 59	3 29	23 50	0 39	1 51	1 15	18 41	0 26	5 4	0 48	14 1	1 35	15 16	6 6	9 13	9 6	8 44	15 59	7 1
T 3	21 57	18 35	1 57	25 10	1 57	23 47	3 28	23 52	0 40	1 50	1 15	18 41	0 26	5 4	0 48	14 1	1 35	15 17	6 6	9 14	9 7	8 41	15 59	7 1
F 4	22 4	13 1	0 46	24 56	1 44	23 34	3 26	23 53	0 40	1 49	1 15	18 42	0 26	5 4	0 48	14 0	1 35	15 17	6 7	9 15	9 8	8 37	15 59	7 2
S 5	22 12	6 46	0s29	24 41	1 29	23 21	3 25	23 54	0 40	1 48	1 14	18 42	0 26	5 3	0 48	14 0	1 35	15 17	6 7	9 15	9 9	8 34	15 59	7 2
S 6	22 19	0 13	1 41	24 24	1 13	23 8	3 24	23 54	0 41	1 46	1 14	18 43	0 26	5 3	0 48	14 0	1 35	15 17	6 7	9 15	9 11	8 31	15 59	7 2
M 7	22 26	6s18	2 47	24 5	0 55	22 54	3 22	23 55	0 41	1 45	1 14	18 44	0 26	5 3	0 48	13 59	1 35	15 18	6 7	9 16	9 12	8 27	15 59	7 3
T 8	22 32	12 29	3 43	23 44	0 36	22 40	3 20	23 55	0 42	1 44	1 14	18 44	0 25	5 3	0 48	13 59	1 35	15 18	6 7	9 17	9 13	8 24	15 59	7 3
W 9	22 38	18 0	4 25	23 21	0 16	22 26	3 18	23 55	0 42	1 42	1 14	18 45	0 25	5 3	0 48	13 58	1 35	15 18	6 8	9 20	9 14	8 21	15 58	7 3
T 10	22 43	22 32	4 51	22 57	0n 4	22 11	3 16	23 55	0 43	1 41	1 13	18 45	0 25	5 2	0 48	13 58	1 35	15 18	6 8	9 23	9 15	8 18	15 58	7 3
F 11	22 48	25 47	5 1	22 32	0 24	21 56	3 13	23 55	0 43	1 39	1 13	18 46	0 25	5 2	0 48	13 58	1 35	15 19	6 8	9 28	9 16	8 14	15 58	7 4
S 12	22 53	27 33	4 54	22 6	0 45	21 41	3 10	23 54	0 44	1 37	1 13	18 47	0 25	5 2	0 48	13 57	1 35	15 19	6 8	9 32	9 17	8 11	15 58	7 4
S 13	22 57	27 44	4 31	21 40	1 4	21 25	3 7	23 53	0 44	1 36	1 13	18 48	0 25	5 1	0 48	13 57	1 35	15 19	6 9	9 37	9 19	8 8	15 58	7 4
M14	23 1	26 26	3 55	21 16	1 22	21 9	3 4	23 52	0 45	1 34	1 12	18 48	0 25	5 1	0 48	13 57	1 35	15 19	6 9	9 41	9 20	8 5	15 58	7 4
T 15	23 4	23 49	3 9	20 53	1 38	20 53	3 0	23 50	0 45	1 32	1 12	18 49	0 25	5 1	0 48	13 56	1 35	15 20	6 9	9 44	9 21	8 1	15 58	7 5
W16	23 7	20 9	2 14	20 32	1 53	20 37	2 56	23 49	0 45	1 30	1 12	18 50	0 25	5 0	0 48	13 56	1 35	15 20	6 9	9 46	9 22	7 58	15 58	7 5
T 17	23 9	15 44	1 14	20 14	2 5	20 20	2 52	23 47	0 46	1 28	1 12	18 51	0 25	5 0	0 47	13 56	1 35	15 20	6 10	9 47	9 23	7 55	15 58	7 5
F 18	23 11	10 45	0 12	19 59	2 15	20 3	2 48	23 45	0 46	1 26	1 12	18 52	0 25	4 59	0 47	13 55	1 35	15 21	6 10	9 48	9 24	7 51	15 58	7 5
S 19	23 12	5 26	0n51	19 47	2 23	19 46	2 43	23 42	0 47	1 23	1 11	18 52	0 25	4 59	0 47	13 55	1 35	15 21	6 10	9 48	9 26	7 48	15 58	7 5
S 20	23 13	0n 5	1 52	19 39	2 29	19 29	2 38	23 40	0 47	1 21	1 11	18 53	0 25	4 58	0 47	13 55	1 35	15 21	6 10	9 47	9 27	7 45	15 58	7 6
M21	23 13	5 38	2 48	19 35	2 33	19 12	2 33	23 37	0 48	1 19	1 11	18 54	0 25	4 58	0 47	13 55	1 35	15 22	6 11	9 47	9 28	7 41	15 58	7 6
T 22	23 13	11 5	3 38	19 33	2 36	18 55	2 28	23 34	0 48	1 16	1 11	18 55	0 25	4 57	0 47	13 54	1 35	15 22	6 11	9 48	9 29	7 38	15 58	7 6
W23	23 13	16 13	4 19	19 34	2 36	18 37	2 22	23 30	0 48	1 14	1 11	18 56	0 24	4 57	0 47	13 54	1 35	15 23	6 11	9 50	9 30	7 35	15 58	7 6
T 24	23 12	20 47	4 48	19 38	2 36	18 20	2 16	23 27	0 49	1 11	1 10	18 57	0 24	4 56	0 47	13 54	1 35	15 23	6 11	9 52	9 31	7 32	15 58	7 6
F 25	23 11	24 30	5 3	19 44	2 34	18 2	2 9	23 23	0 49	1 9	1 10	18 58	0 24	4 56	0 47	13 54	1 35	15 23	6 11	9 55	9 33	7 28	15 58	7 6
S 26	23 9	26 58	5 2	19 51	2 30	17 45	2 3	23 19	0 50	1 6	1 10	18 59	0 24	4 55	0 47	13 53	1 35	15 24	6 12	9 59	9 34	7 25	15 58	7 6
S 27	23 7	27 52	4 43	20 1	2 26	17 27	1 56	23 15	0 50	1 3	1 10	19 0	0 24	4 55	0 47	13 53	1 35	15 24	6 12	10 3	9 35	7 22	15 58	7 6
M28	23 4	26 57	4 6	20 11	2 22	17 10	1 48	23 10	0 50	1 1	1 10	19 1	0 24	4 54	0 47	13 53	1 35	15 25	6 12	10 6	9 36	7 18	15 58	7 7
T 29	23 1	24 14	3 13	20 22	2 16	16 52	1 40	23 5	0 51	0 58	1 10	19 2	0 24	4 53	0 47	13 53	1 34	15 25	6 12	10 9	9 37	7 15	15 59	7 7
W30	22 57	19 56	2 7	20 33	2 10	16 35	1 32	23 0	0 51	0 55	1 9	19 3	0 24	4 53	0 47	13 53	1 34	15 25	6 13	10 10	9 38	7 12	15 59	7 7
T 31	22s53	14n25	0n53	20s45	2n 4	16s17	1s24	22s55	0s51	0s52	1s 9	19n 4	0s24	4s52	0s47	13n52	1s34	15n26	6n13	10s11	9s39	7s 9	15n59	7s 7

Julian Day Number = 3066217.5, Delta T = 02h34m06s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'04, Lahiri = 47°27'05

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

JANUARY 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 46 8	10♉35'07	7♍55	20♐35	19♒35	18♉26	0♈37	2°R18	19♓28	12°R14	4°R50	3°D21	4♓46	10♓30	6°R 5	F 1
S 2	6 50 4	11°35'54	22°14	21°48	20° 2	19°10	0°45	2♌14	19°30	12♉13	4♍49	3♓21	4°43	10°37	6♋ 1	S 2
S 3	6 54 1	12°36'42	6♎23	23° 4	20°27	19°55	0°52	2° 9	19°32	12°13	4°49	3°R22	4°40	10°43	5°57	S 3
M 4	6 57 57	13°37'31	20°19	24°21	20°51	20°39	1° 0	2° 5	19°33	12°12	4°48	3°22	4°37	10°50	5°54	M 4
T 5	7 1 54	14°38'22	4♏ 4	25°41	21°12	21°24	1° 8	2° 0	19°35	12°11	4°47	3°20	4°34	10°57	5°50	T 5
W 6	7 5 51	15°39'14	17°36	27° 2	21°32	22° 8	1°16	1°56	19°37	12°11	4°46	3°16	4°30	11° 3	5°46	W 6
T 7	7 9 47	16°40'07	0♐56	28°25	21°50	22°53	1°24	1°51	19°39	12°10	4°45	3°10	4°27	11°10	5°43	T 7
F 8	7 13 44	17°41'01	14° 3	29°49	22° 5	23°38	1°33	1°46	19°41	12°10	4°44	3° 3	4°24	11°17	5°39	F 8
S 9	7 17 40	18°41'57	26°59	1♑13	22°19	24°23	1°41	1°41	19°43	12° 9	4°44	2°54	4°21	11°23	5°36	S 9
S 10	7 21 37	19°42'53	9♑41	2°39	22°31	25° 7	1°50	1°37	19°45	12° 9	4°43	2°46	4°18	11°30	5°32	S 10
M11	7 25 33	20°43'50	22°10	4° 6	22°40	25°52	1°59	1°32	19°48	12° 9	4°42	2°39	4°15	11°36	5°28	M11
T 12	7 29 30	21°44'47	4♒27	5°33	22°47	26°37	2° 8	1°27	19°50	12° 8	4°41	2°33	4°11	11°43	5°25	T 12
W13	7 33 27	22°45'46	16°33	7° 1	22°51	27°22	2°17	1°22	19°52	12° 8	4°40	2°30	4° 8	11°50	5°21	W13
T 14	7 37 23	23°46'45	28°29	8°29	22°R54	28° 7	2°26	1°17	19°54	12° 8	4°39	2°D28	4° 5	11°56	5°18	T 14
F 15	7 41 20	24°47'44	10♓19	9°58	22°53	28°52	2°35	1°13	19°57	12° 7	4°38	2°29	4° 2	12° 3	5°15	F 15
S 16	7 45 16	25°48'43	22° 5	11°28	22°51	29°37	2°45	1° 8	19°59	12° 7	4°37	2°30	3°59	12°10	5°11	S 16
S 17	7 49 13	26°49'43	3♈53	12°58	22°46	0♒23	2°54	1° 3	20° 1	12° 7	4°36	2°32	3°56	12°16	5° 8	S 17
M18	7 53 9	27°50'44	15°46	14°28	22°38	1° 8	3° 4	0°58	20° 4	12° 7	4°35	2°33	3°52	12°23	5° 4	M18
T 19	7 57 6	28°51'44	27°50	15°58	22°28	1°53	3°14	0°53	20° 6	12° 7	4°34	2°R34	3°49	12°30	5° 1	T 19
W20	8 1 2	29°52'45	10♉11	17°29	22°15	2°38	3°24	0°48	20° 9	12° 7	4°33	2°33	3°46	12°36	4°58	W20
T 21	8 4 59	0♒53'46	22°52	19° 0	22° 0	3°24	3°34	0°43	20°11	12° 7	4°32	2°31	3°43	12°43	4°55	T 21
F 22	8 8 56	1°54'47	5♊58	20°32	21°43	4° 9	3°44	0°38	20°14	12°D 7	4°30	2°28	3°40	12°50	4°51	F 22
S 23	8 12 52	2°55'49	19°31	22° 4	21°23	4°54	3°55	0°33	20°16	12° 7	4°29	2°24	3°36	12°56	4°48	S 23
S 24	8 16 49	3°56'50	3♋31	23°36	21° 0	5°40	4° 5	0°28	20°19	12° 7	4°28	2°19	3°33	13° 3	4°45	S 24
M25	8 20 45	4°57'52	17°55	25° 8	20°36	6°25	4°16	0°23	20°22	12° 7	4°27	2°15	3°30	13°10	4°42	M25
T 26	8 24 42	5°58'53	2♌39	26°41	20° 9	7°11	4°27	0°18	20°24	12° 7	4°26	2°12	3°27	13°16	4°39	T 26
W27	8 28 38	6°59'55	17°35	28°14	19°41	7°57	4°37	0°14	20°27	12° 7	4°25	2°10	3°24	13°23	4°36	W27
T 28	8 32 35	8° 0'57	2♍34	29°47	19°10	8°42	4°48	0° 9	20°30	12° 7	4°23	2°D 9	3°21	13°29	4°33	T 28
F 29	8 36 31	9° 1'59	17°29	1♒21	18°39	9°28	4°59	0° 4	20°32	12° 8	4°22	2°10	3°17	13°36	4°30	F 29
S 30	8 40 28	10° 3'02	2♎12	2°55	18° 5	10°14	5°10	29♋59	20°35	12° 8	4°21	2°11	3°14	13°43	4°28	S 30
S 31	8 44 25	11♒ 4'05	16♎38	4♒29	17♒31	11♒ 0	5♈22	29♋54	20♓38	12♉ 8	4♍20	2♓12	3♓11	13♓49	4♋25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s48	8n 9	0s25	20s57	1n57	16s 0	1s15	22s50	0s52	0s49	1s 9	19n 5	0s24	4s51	0s47	13n52	1s34	15n26	6n13	10s11	9s41	7s 5	15n59	7s 7	F 1
S 2	22 43	1 31	1 40	21 9	1 49	15 43	1 6	22 44	0 52	0 46	1 9	19 6	0 24	4 51	0 47	13 52	1 34	15 27	6 13	10 11	9 42	7 2	15 59	7 7	S 2
S 3	22 38	5s 5	2 48	21 21	1 42	15 26	0 56	22 38	0 53	0 42	1 9	19 7	0 24	4 50	0 47	13 52	1 34	15 27	6 13	10 11	9 43	6 59	15 59	7 7	S 3
M 4	22 32	11 21	3 46	21 32	1 34	15 9	0 46	22 32	0 53	0 39	1 8	19 8	0 23	4 49	0 47	13 52	1 34	15 28	6 14	10 11	9 44	6 55	15 59	7 7	M 4
T 5	22 26	16 59	4 29	21 43	1 27	14 53	0 36	22 25	0 53	0 36	1 8	19 9	0 23	4 48	0 47	13 52	1 34	15 28	6 14	10 11	9 45	6 52	15 59	7 7	T 5
W 6	22 19	21 40	4 57	21 53	1 19	14 36	0 25	22 18	0 54	0 33	1 8	19 11	0 23	4 47	0 47	13 52	1 34	15 29	6 14	10 13	9 46	6 49	16 0	7 7	W 6
T 7	22 12	25 11	5 8	22 2	1 11	14 20	0 14	22 11	0 54	0 29	1 8	19 12	0 23	4 47	0 47	13 51	1 34	15 29	6 14	10 15	9 47	6 45	16 0	7 7	T 7
F 8	22 4	27 17	5 2	22 11	1 3	14 4	0 3	22 4	0 54	0 26	1 8	19 13	0 23	4 46	0 47	13 51	1 34	15 30	6 14	10 18	9 49	6 42	16 0	7 7	F 8
S 9	21 56	27 53	4 42	22 18	0 55	13 48	0n 9	21 57	0 55	0 22	1 8	19 14	0 23	4 45	0 47	13 51	1 34	15 30	6 15	10 21	9 50	6 39	16 0	7 7	S 9
S 10	21 48	26 59	4 7	22 25	0 47	13 33	0 21	21 49	0 55	0 19	1 7	19 15	0 23	4 44	0 47	13 51	1 34	15 31	6 15	10 24	9 51	6 35	16 0	7 7	S 10
M11	21 39	24 44	3 21	22 31	0 39	13 18	0 34	21 41	0 55	0 15	1 7	19 16	0 23	4 43	0 47	13 51	1 34	15 31	6 15	10 26	9 52	6 32	16 1	7 6	M11
T 12	21 29	21 21	2 26	22 36	0 31	13 4	0 47	21 33	0 56	0 11	1 7	19 17	0 23	4 42	0 47	13 51	1 34	15 32	6 15	10 28	9 53	6 29	16 1	7 6	T 12
W13	21 19	17 6	1 26	22 39	0 23	12 50	1 0	21 25	0 56	0 8	1 7	19 18	0 23	4 42	0 46	13 51	1 34	15 32	6 15	10 30	9 54	6 25	16 1	7 6	W13
T 14	21 9	12 14	0 22	22 42	0 15	12 36	1 14	21 16	0 56	0 4	1 7	19 20	0 23	4 41	0 46	13 51	1 34	15 33	6 16	10 30	9 55	6 22	16 1	7 6	T 14
F 15	20 59	6 59	0n43	22 44	0 8	12 23	1 28	21 8	0 57	0n 0	1 7	19 21	0 22	4 40	0 46	13 51	1 34	15 33	6 16	10 30	9 57	6 19	16 2	7 6	F 15
S 16	20 48	1 30	1 45	22 44	0 0	12 10	1 42	20 59	0 57	0 4	1 6	19 22	0 22	4 39	0 46	13 51	1 34	15 34	6 16	10 30	9 58	6 16	16 2	7 6	S 16
S 17	20 36	4n 2	2 43	22 43	0s 7	11 58	1 57	20 49	0 57	0 8	1 6	19 23	0 22	4 38	0 46	13 51	1 34	15 34	6 16	10 29	9 59	6 12	16 2	7 6	S 17
M18	20 24	9 27	3 35	22 41	0 14	11 46	2 12	20 40	0 58	0 12	1 6	19 24	0 22	4 37	0 46	13 51	1 34	15 35	6 16	10 28	10 0	6 9	16 2	7 6	M18
T 19	20 12	14 37	4 18	22 38	0 22	11 35	2 27	20 30	0 58	0 16	1 6	19 25	0 22	4 36	0 46	13 51	1 33	15 36	6 16	10 28	10 1	6 6	16 3	7 5	T 19
W20	20 0	19 20	4 50	22 34	0 28	11 25	2 42	20 20	0 58	0 20	1 6	19 27	0 22	4 35	0 46	13 51	1 33	15 36	6 17	10 28	10 2	6 2	16 3	7 5	W20
T 21	19 47	23 18	5 9	22 28	0 35	11 15	2 57	20 10	0 58	0 24	1 6	19 28	0 22	4 34	0 46	13 51	1 33	15 37	6 17	10 29	10 3	5 59	16 3	7 5	T 21
F 22	19 33	26 14	5 13	22 22	0 42	11 6	3 13	20 0	0 59	0 28	1 6	19 29	0 22	4 33	0 46	13 51	1 33	15 37	6 17	10 30	10 5	5 56	16 4	7 5	F 22
S 23	19 20	27 48	5 0	22 14	0 48	10 57	3 29	19 49	0 59	0 32	1 5	19 30	0 22	4 32	0 46	13 51	1 33	15 38	6 17	10 32	10 6	5 52	16 4	7 5	S 23
S 24	19 6	27 39	4 28	22 5	0 55	10 49	3 44	19 39	0 59	0 37	1 5	19 31	0 21	4 31	0 46	13 51	1 33	15 38	6 17	10 33	10 7	5 49	16 4	7 5	S 24
M25	18 51	25 40	3 40	21 55	1 1	10 42	4 0	19 28	1 0	0 41	1 5	19 32	0 21	4 30	0 46	13 51	1 33	15 39	6 17	10 35	10 8	5 46	16 4	7 4	M25
T 26	18 37	21 55	2 35	21 43	1 6	10 35	4 15	19 16	1 0	0 45	1 5	19 33	0 21	4 29	0 46	13 51	1 33	15 40	6 18	10 36	10 9	5 42	16 5	7 4	T 26
W27	18 21	16 41	1 19	21 31	1 12	10 30	4 31	19 5	1 0	0 50	1 5	19 35	0 21	4 28	0 46	13 51	1 33	15 40	6 18	10 37	10 10	5 39	16 5	7 4	W27
T 28	18 6	10 26	0s 2	21 17	1 18	10 25	4 46	18 54	1 0	0 54	1 5	19 36	0 21	4 26	0 46	13 52	1 33	15 41	6 18	10 37	10 11	5 36	16 5	7 4	T 28
F 29	17 50	3 37	1 24	21 2	1 23	10 20	5 0	18 42	1 1	0 59	1 5	19 37	0 21	4 25	0 46	13 52	1 33	15 41	6 18	10 37	10 13	5 32	16 6	7 3	F 29
S 30	17 34	3s17	2 38	20 45	1 28	10 16	5 15	18 30	1 1	1 3	1 4	19 38	0 21	4 24	0 46	13 52	1 33	15 42	6 18	10 36	10 14	5 29	16 6	7 3	S 30
S 31	17s18	9s54	3s41	20s28	1s32	10s13	5n28	18s18	1s 1	1n 8	1s 4	19n39	0s21	4s23	0s46	13n52	1s33	15n43	6n18	10s36	10s15	5s26	16n 6	7s 3	S 31

Julian Day Number = 3066248.5, Delta T = 02h34m07s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'08, Lahiri = 47°27'09

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

FEBRUARY 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 48 21	12♒ 5'08	0♏44	6♒ 4	16°R55	11♒45	5♈33	29°R49	20♓41	12♉ 9	4°R18	2♓13	3♓ 8	13♓56	4°R22	M 1
T 2	8 52 18	13° 6'12	14°30	7°39	16♒19	12°31	5°44	29♋45	20°44	12° 9	4♍17	2°R14	3° 5	14° 3	4♋20	T 2
W 3	8 56 14	14° 7'16	27°56	9°15	15°43	13°17	5°56	29°40	20°47	12° 9	4°16	2°13	3° 2	14° 9	4°17	W 3
T 4	9 0 11	15° 8'20	11♐ 3	10°51	15° 6	14° 3	6° 8	29°35	20°50	12°10	4°15	2°12	2°58	14°16	4°15	T 4
F 5	9 4 7	16° 9'24	23°54	12°27	14°29	14°49	6°19	29°31	20°53	12°10	4°13	2°10	2°55	14°23	4°12	F 5
S 6	9 8 4	17°10'29	6♑30	14° 4	13°53	15°35	6°31	29°26	20°56	12°11	4°12	2° 7	2°52	14°29	4°10	S 6
S 7	9 12 0	18°11'33	18°53	15°41	13°17	16°21	6°43	29°21	20°59	12°11	4°11	2° 5	2°49	14°36	4° 7	S 7
M 8	9 15 57	19°12'37	1♒ 6	17°19	12°42	17° 7	6°55	29°17	21° 2	12°12	4° 9	2° 3	2°46	14°43	4° 5	M 8
T 9	9 19 54	20°13'41	13°10	18°57	12° 8	17°54	7° 7	29°13	21° 5	12°13	4° 8	2° 2	2°42	14°49	4° 3	T 9
W10	9 23 50	21°14'45	25° 6	20°36	11°35	18°40	7°19	29° 8	21° 8	12°13	4° 7	2° 1	2°39	14°56	4° 1	W10
T 11	9 27 47	22°15'49	6♓57	22°15	11° 4	19°26	7°32	29° 4	21°11	12°14	4° 5	2°D 1	2°36	15° 3	3°59	T 11
F 12	9 31 43	23°16'52	18°45	23°55	10°34	20°12	7°44	28°59	21°14	12°15	4° 4	2° 2	2°33	15° 9	3°57	F 12
S 13	9 35 40	24°17'54	0♈31	25°35	10° 6	20°59	7°56	28°55	21°18	12°15	4° 3	2° 2	2°30	15°16	3°55	S 13
S 14	9 39 36	25°18'56	12°21	27°16	9°40	21°45	8° 9	28°51	21°21	12°16	4° 1	2° 3	2°27	15°22	3°53	S 14
M15	9 43 33	26°19'57	24°15	28°57	9°16	22°31	8°21	28°47	21°24	12°17	4° 0	2° 4	2°23	15°29	3°51	M15
T 16	9 47 29	27°20'58	6♉19	0♓39	8°55	23°18	8°34	28°43	21°27	12°18	3°58	2° 4	2°20	15°36	3°49	T 16
W17	9 51 26	28°21'57	18°37	2°21	8°35	24° 4	8°47	28°39	21°31	12°19	3°57	2° 5	2°17	15°42	3°48	W17
T 18	9 55 23	29°22'56	1♊14	4° 4	8°18	24°51	9° 0	28°35	21°34	12°20	3°56	2°R 5	2°14	15°49	3°46	T 18
F 19	9 59 19	0♓23'54	14°12	5°47	8° 3	25°37	9°13	28°31	21°37	12°21	3°54	2° 5	2°11	15°56	3°44	F 19
S 20	10 3 16	1°24'52	27°36	7°31	7°51	26°24	9°26	28°28	21°40	12°22	3°53	2° 5	2° 8	16° 2	3°43	S 20
S 21	10 7 12	2°25'48	11♋27	9°15	7°41	27°10	9°39	28°24	21°44	12°23	3°51	2°D 5	2° 4	16° 9	3°42	S 21
M22	10 11 9	3°26'43	25°45	11° 0	7°34	27°57	9°52	28°20	21°47	12°24	3°50	2° 5	2° 1	16°16	3°40	M22
T 23	10 15 5	4°27'38	10♌28	12°44	7°29	28°43	10° 5	28°17	21°50	12°25	3°49	2° 5	1°58	16°22	3°39	T 23
W24	10 19 2	5°28'31	25°29	14°29	7°D27	29°30	10°18	28°13	21°54	12°26	3°47	2°R 5	1°55	16°29	3°38	W24
T 25	10 22 58	6°29'23	10♍41	16°14	7°27	0♓17	10°31	28°10	21°57	12°27	3°46	2° 5	1°52	16°36	3°37	T 25
F 26	10 26 55	7°30'15	25°54	17°59	7°30	1° 3	10°45	28° 7	22° 1	12°28	3°44	2° 5	1°48	16°42	3°36	F 26
S 27	10 30 52	8°31'06	10♎59	19°44	7°35	1°50	10°58	28° 4	22° 4	12°29	3°43	2° 4	1°45	16°49	3°35	S 27
S 28	10 34 48	9♓31'56	25♎46	21♓28	7♒42	2♓37	11♈11	28♋ 1	22♓ 7	12♉31	3♍42	2♓ 3	1♓42	16♓56	3♋34	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17s 1	15s50	4s30	20s 9	1s37	10s11	5n42	18s 5	1s 1	1n12	1s 4	19n40	0s21	4s22	0s46	13n52	1s33	15n43	6n19	10s35	10s16	5s22	16n 7	7s 3	M 1
T 2	16 44	20 50	5 1	19 49	1 41	10 9	5 55	17 53	1 1	1 17	1 4	19 41	0 20	4 21	0 46	13 52	1 33	15 44	6 19	10 35	10 17	5 19	16 7	7 2	T 2
W 3	16 27	24 38	5 15	19 28	1 45	10 8	6 7	17 40	1 2	1 21	1 4	19 42	0 20	4 20	0 46	13 52	1 33	15 44	6 19	10 35	10 18	5 16	16 8	7 2	W 3
T 4	16 9	27 3	5 12	19 6	1 49	10 7	6 18	17 27	1 2	1 26	1 4	19 43	0 20	4 18	0 46	13 53	1 33	15 45	6 19	10 36	10 19	5 12	16 8	7 2	T 4
F 5	15 51	27 59	4 54	18 42	1 52	10 7	6 29	17 14	1 2	1 31	1 4	19 45	0 20	4 17	0 46	13 53	1 33	15 45	6 19	10 37	10 21	5 9	16 8	7 1	F 5
S 6	15 33	27 25	4 21	18 18	1 55	10 8	6 39	17 1	1 2	1 36	1 4	19 46	0 20	4 16	0 46	13 53	1 33	15 46	6 19	10 37	10 22	5 6	16 9	7 1	S 6
S 7	15 14	25 29	3 37	17 52	1 58	10 9	6 48	16 47	1 2	1 40	1 3	19 47	0 20	4 15	0 46	13 53	1 33	15 47	6 19	10 38	10 23	5 2	16 9	7 1	S 7
M 8	14 56	22 23	2 43	17 25	2 0	10 11	6 56	16 34	1 3	1 45	1 3	19 48	0 20	4 14	0 46	13 53	1 32	15 47	6 19	10 39	10 24	4 59	16 10	7 0	M 8
T 9	14 37	18 22	1 43	16 57	2 2	10 12	7 4	16 20	1 3	1 50	1 3	19 49	0 20	4 12	0 46	13 54	1 32	15 48	6 20	10 39	10 25	4 56	16 10	7 0	T 9
W10	14 17	13 39	0 38	16 27	2 4	10 15	7 10	16 6	1 3	1 55	1 3	19 50	0 20	4 11	0 46	13 54	1 32	15 48	6 20	10 40	10 26	4 52	16 10	7 0	W10
T 11	13 58	8 28	0n27	15 57	2 6	10 17	7 16	15 52	1 3	2 0	1 3	19 51	0 19	4 10	0 46	13 54	1 32	15 49	6 20	10 40	10 27	4 49	16 11	6 59	T 11
F 12	13 38	3 0	1 32	15 25	2 7	10 20	7 21	15 37	1 3	2 5	1 3	19 52	0 19	4 9	0 46	13 54	1 32	15 50	6 20	10 40	10 28	4 46	16 11	6 59	F 12
S 13	13 18	2n32	2 32	14 52	2 7	10 24	7 25	15 23	1 3	2 10	1 3	19 53	0 19	4 7	0 46	13 55	1 32	15 50	6 20	10 39	10 30	4 42	16 12	6 59	S 13
S 14	12 58	8 0	3 26	14 19	2 7	10 27	7 28	15 8	1 4	2 15	1 3	19 54	0 19	4 6	0 46	13 55	1 32	15 51	6 20	10 39	10 31	4 39	16 12	6 58	S 14
M15	12 38	13 13	4 11	13 43	2 7	10 31	7 31	14 53	1 4	2 20	1 3	19 55	0 19	4 5	0 46	13 55	1 32	15 51	6 20	10 39	10 32	4 36	16 12	6 58	M15
T 16	12 17	18 1	4 47	13 7	2 7	10 35	7 33	14 38	1 4	2 25	1 2	19 56	0 19	4 4	0 46	13 56	1 32	15 52	6 20	10 39	10 33	4 32	16 13	6 58	T 16
W17	11 56	22 10	5 9	12 30	2 6	10 39	7 33	14 23	1 4	2 30	1 2	19 56	0 19	4 2	0 46	13 56	1 32	15 53	6 20	10 38	10 34	4 29	16 13	6 57	W17
T 18	11 35	25 24	5 18	11 52	2 4	10 43	7 34	14 8	1 4	2 35	1 2	19 57	0 19	4 1	0 46	13 56	1 32	15 53	6 20	10 38	10 35	4 26	16 14	6 57	T 18
F 19	11 14	27 27	5 11	11 12	2 2	10 47	7 33	13 53	1 4	2 40	1 2	19 58	0 18	4 0	0 46	13 57	1 32	15 54	6 21	10 38	10 36	4 22	16 14	6 56	F 19
S 20	10 53	27 59	4 47	10 32	2 0	10 51	7 32	13 37	1 4	2 45	1 2	19 59	0 18	3 58	0 46	13 57	1 32	15 54	6 21	10 39	10 37	4 19	16 15	6 56	S 20
S 21	10 31	26 49	4 6	9 50	1 57	10 55	7 30	13 21	1 5	2 50	1 2	20 0	0 18	3 57	0 46	13 57	1 32	15 55	6 21	10 39	10 39	4 16	16 15	6 56	S 21
M22	10 9	23 54	3 9	9 8	1 53	10 59	7 28	13 6	1 5	2 55	1 2	20 1	0 18	3 56	0 46	13 58	1 32	15 56	6 21	10 38	10 40	4 12	16 16	6 55	M22
T 23	9 47	19 21	1 57	8 24	1 49	11 3	7 25	12 50	1 5	3 0	1 2	20 2	0 18	3 54	0 46	13 58	1 32	15 56	6 21	10 38	10 41	4 9	16 16	6 55	T 23
W24	9 25	13 29	0 37	7 40	1 44	11 7	7 21	12 33	1 5	3 6	1 2	20 2	0 18	3 53	0 46	13 58	1 32	15 57	6 21	10 38	10 42	4 5	16 16	6 54	W24
T 25	9 3	6 45	0s48	6 54	1 39	11 11	7 18	12 17	1 5	3 11	1 2	20 3	0 18	3 52	0 46	13 59	1 32	15 57	6 21	10 38	10 43	4 2	16 17	6 54	T 25
F 26	8 41	0s22	2 9	6 8	1 33	11 14	7 13	12 1	1 5	3 16	1 2	20 4	0 18	3 50	0 46	13 59	1 32	15 58	6 21	10 38	10 44	3 59	16 17	6 53	F 26
S 27	8 18	7 23	3 20	5 22	1 27	11 18	7 9	11 44	1 5	3 21	1 2	20 5	0 17	3 49	0 46	14 0	1 32	15 58	6 21	10 39	10 45	3 55	16 18	6 53	S 27
S 28	7s56	13s51	4s16	4s34	1s19	11s21	7n 4	11s28	1s 5	3n27	1s 1	20n 5	0s17	3s48	0s46	14n 0	1s32	15n59	6n21	10s39	10s46	3s52	16n18	6s53	S 28

Julian Day Number = 3066279.5, Delta T = 02h34m08s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'13, Lahiri = 47°27'13

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

MARCH 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 38 45	10♓32'45	10♏11	23♓12	7♒52	3♓24	11♈25	27°R58	22♓11	12♉32	3°R40	2°R 2	1♓39	17♓ 2	3°R34	M 1
T 2	10 42 41	11°33'34	24° 9	24°55	8° 3	4°11	11°39	27♋55	22°14	12°33	3♍39	2♓ 2	1°36	17° 9	3♋33	T 2
W 3	10 46 38	12°34'23	7♐41	26°36	8°17	4°57	11°52	27°52	22°18	12°34	3°38	2°D 1	1°33	17°15	3°32	W 3
T 4	10 50 34	13°35'10	20°48	28°17	8°33	5°44	12° 6	27°49	22°21	12°36	3°36	2° 1	1°29	17°22	3°32	T 4
F 5	10 54 31	14°35'57	3♑32	29°55	8°51	6°31	12°20	27°47	22°25	12°37	3°35	2° 2	1°26	17°29	3°31	F 5
S 6	10 58 27	15°36'43	15°59	1♈31	9°11	7°18	12°33	27°44	22°28	12°39	3°33	2° 3	1°23	17°35	3°31	S 6
S 7	11 2 24	16°37'28	28°10	3° 4	9°33	8° 5	12°47	27°42	22°31	12°40	3°32	2° 4	1°20	17°42	3°31	S 7
M 8	11 6 21	17°38'12	10♒11	4°33	9°57	8°52	13° 1	27°39	22°35	12°41	3°31	2° 6	1°17	17°49	3°30	M 8
T 9	11 10 17	18°38'55	22° 5	5°59	10°23	9°39	13°15	27°37	22°38	12°43	3°29	2° 7	1°13	17°55	3°30	T 9
W10	11 14 14	19°39'36	3♓54	7°20	10°50	10°26	13°29	27°35	22°42	12°44	3°28	2°R 7	1°10	18° 2	3°D30	W10
T 11	11 18 10	20°40'17	15°41	8°35	11°19	11°13	13°43	27°33	22°45	12°46	3°27	2° 6	1° 7	18° 9	3°30	T 11
F 12	11 22 7	21°40'56	27°29	9°45	11°49	12° 0	13°57	27°31	22°49	12°47	3°25	2° 5	1° 4	18°15	3°30	F 12
S 13	11 26 3	22°41'34	9♈19	10°47	12°21	12°47	14°11	27°29	22°52	12°49	3°24	2° 2	1° 1	18°22	3°31	S 13
S 14	11 30 0	23°42'11	21°14	11°42	12°54	13°34	14°25	27°28	22°56	12°51	3°23	1°58	0°58	18°29	3°31	S 14
M15	11 33 56	24°42'46	3♉15	12°29	13°29	14°21	14°39	27°26	22°59	12°52	3°21	1°54	0°54	18°35	3°31	M15
T 16	11 37 53	25°43'20	15°25	13° 7	14° 5	15° 8	14°53	27°25	23° 3	12°54	3°20	1°50	0°51	18°42	3°32	T 16
W17	11 41 50	26°43'52	27°47	13°36	14°42	15°56	15° 8	27°23	23° 6	12°56	3°19	1°47	0°48	18°49	3°32	W17
T 18	11 45 46	27°44'23	10♊23	13°55	15°21	16°43	15°22	27°22	23°10	12°57	3°18	1°45	0°45	18°55	3°33	T 18
F 19	11 49 43	28°44'52	23°17	14°R 3	16° 1	17°30	15°36	27°21	23°13	12°59	3°16	1°D43	0°42	19° 2	3°34	F 19
S 20	11 53 39	29°45'19	6♋32	14° 2	16°42	18°17	15°50	27°20	23°17	13° 1	3°15	1°44	0°39	19° 9	3°34	S 20
S 21	11 57 36	0♈45'45	20°10	13°51	17°24	19° 4	16° 5	27°19	23°20	13° 3	3°14	1°45	0°35	19°15	3°35	S 21
M22	12 1 32	1°46'08	4♌13	13°30	18° 7	19°51	16°19	27°18	23°24	13° 4	3°13	1°46	0°32	19°22	3°36	M22
T 23	12 5 29	2°46'30	18°41	12°59	18°51	20°39	16°33	27°18	23°27	13° 6	3°12	1°47	0°29	19°28	3°37	T 23
W24	12 9 25	3°46'50	3♍30	12°21	19°36	21°26	16°48	27°17	23°30	13° 8	3°10	1°R48	0°26	19°35	3°38	W24
T 25	12 13 22	4°47'08	18°36	11°35	20°22	22°13	17° 2	27°16	23°34	13°10	3° 9	1°47	0°23	19°42	3°39	T 25
F 26	12 17 19	5°47'24	3♎49	10°42	21° 9	23° 0	17°17	27°16	23°37	13°12	3° 8	1°44	0°19	19°48	3°41	F 26
S 27	12 21 15	6°47'39	19° 0	9°45	21°56	23°47	17°31	27°16	23°41	13°14	3° 7	1°40	0°16	19°55	3°42	S 27
S 28	12 25 12	7°47'52	3♏59	8°45	22°45	24°35	17°45	27°16	23°44	13°16	3° 6	1°35	0°13	20° 2	3°43	S 28
M29	12 29 8	8°48'04	18°37	7°42	23°34	25°22	18° 0	27°D16	23°47	13°18	3° 5	1°29	0°10	20° 8	3°45	M29
T 30	12 33 5	9°48'14	2♐49	6°40	24°25	26° 9	18°14	27°16	23°51	13°20	3° 4	1°24	0° 7	20°15	3°46	T 30
W31	12 37 1	10♈48'23	16♐31	5♈38	25♒15	26♓56	18♈29	27♋16	23♓54	13♉22	3♍ 3	1♓20	0♓ 4	20♓22	3♋48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s33	19s24	4s55	3s46	1s12	11s24	6n58	11s11	1s 5	3n32	1s 1	20n 6	0s17	3s46	0s46	14n 0	1s31	16n 0	6n21	10s39	10s48	3s49	16n19	6s52
T 2	7 10	23 43	5 15	2 58	1 3	11 26	6 52	10 54	1 5	3 37	1 1	20 7	0 17	3 45	0 46	14 1	1 31	16 0	6 21	10 40	10 49	3 45	16 19	6 52
W 3	6 47	26 35	5 16	2 10	0 54	11 29	6 46	10 37	1 5	3 43	1 1	20 8	0 17	3 44	0 45	14 1	1 31	16 1	6 21	10 40	10 50	3 42	16 20	6 51
T 4	6 24	27 55	5 1	1 21	0 44	11 31	6 40	10 20	1 5	3 48	1 1	20 8	0 17	3 42	0 45	14 2	1 31	16 1	6 21	10 40	10 51	3 39	16 20	6 51
F 5	6 1	27 42	4 31	0 32	0 33	11 32	6 34	10 3	1 5	3 53	1 1	20 9	0 17	3 41	0 45	14 2	1 31	16 2	6 21	10 40	10 52	3 35	16 21	6 50
S 6	5 37	26 4	3 49	0n16	0 22	11 34	6 27	9 46	1 5	3 59	1 1	20 9	0 17	3 40	0 45	14 3	1 31	16 2	6 21	10 39	10 53	3 32	16 21	6 50
S 7	5 14	23 14	2 57	1 3	0 10	11 35	6 20	9 29	1 5	4 4	1 1	20 10	0 16	3 38	0 45	14 3	1 31	16 3	6 21	10 39	10 54	3 29	16 21	6 49
M 8	4 51	19 26	1 59	1 50	0n 3	11 35	6 13	9 11	1 5	4 9	1 1	20 11	0 16	3 37	0 45	14 4	1 31	16 3	6 22	10 38	10 55	3 25	16 22	6 49
T 9	4 27	14 54	0 55	2 36	0 16	11 36	6 6	8 54	1 5	4 15	1 1	20 11	0 16	3 36	0 45	14 4	1 31	16 4	6 22	10 38	10 57	3 22	16 22	6 49
W10	4 4	9 50	0n10	3 21	0 30	11 36	5 59	8 36	1 5	4 20	1 1	20 12	0 16	3 34	0 45	14 4	1 31	16 4	6 22	10 38	10 58	3 19	16 23	6 48
T 11	3 40	4 27	1 14	4 3	0 44	11 35	5 52	8 18	1 5	4 26	1 1	20 12	0 16	3 33	0 45	14 5	1 31	16 5	6 22	10 38	10 59	3 15	16 23	6 48
F 12	3 16	1n 5	2 16	4 44	0 59	11 34	5 44	8 0	1 5	4 31	1 1	20 13	0 16	3 31	0 45	14 5	1 31	16 5	6 22	10 39	11 0	3 12	16 24	6 47
S 13	2 52	6 36	3 11	5 22	1 14	11 33	5 37	7 43	1 5	4 37	1 1	20 13	0 16	3 30	0 45	14 6	1 31	16 6	6 22	10 39	11 1	3 9	16 24	6 47
S 14	2 29	11 54	3 59	5 57	1 29	11 31	5 29	7 25	1 5	4 42	1 1	20 14	0 16	3 29	0 45	14 7	1 31	16 6	6 22	10 41	11 2	3 5	16 25	6 46
M15	2 5	16 49	4 36	6 29	1 44	11 29	5 21	7 7	1 5	4 47	1 1	20 14	0 15	3 27	0 45	14 7	1 31	16 7	6 22	10 42	11 3	3 2	16 25	6 46
T 16	1 41	21 7	5 2	6 58	1 59	11 27	5 13	6 49	1 5	4 53	1 1	20 14	0 15	3 26	0 45	14 8	1 31	16 7	6 22	10 44	11 4	2 59	16 26	6 45
W17	1 17	24 35	5 14	7 22	2 13	11 24	5 6	6 30	1 5	4 58	1 1	20 15	0 15	3 25	0 45	14 8	1 31	16 8	6 22	10 45	11 6	2 55	16 26	6 45
T 18	0 53	26 56	5 11	7 42	2 27	11 20	4 58	6 12	1 5	5 4	1 1	20 15	0 15	3 23	0 45	14 9	1 31	16 8	6 22	10 46	11 7	2 52	16 26	6 44
F 19	0 30	27 55	4 52	7 58	2 41	11 16	4 50	5 54	1 5	5 9	1 0	20 16	0 15	3 22	0 45	14 9	1 31	16 9	6 22	10 46	11 8	2 48	16 27	6 44
S 20	0 6	27 22	4 18	8 9	2 53	11 12	4 42	5 36	1 5	5 15	1 0	20 16	0 15	3 21	0 45	14 10	1 31	16 9	6 22	10 46	11 9	2 45	16 27	6 43
S 21	0n18	25 10	3 29	8 15	3 4	11 7	4 34	5 17	1 5	5 20	1 0	20 16	0 15	3 19	0 45	14 10	1 31	16 10	6 22	10 46	11 10	2 42	16 28	6 43
M22	0 42	21 23	2 26	8 16	3 14	11 2	4 26	4 59	1 5	5 26	1 0	20 16	0 15	3 18	0 45	14 11	1 31	16 10	6 22	10 45	11 11	2 38	16 28	6 43
T 23	1 6	16 13	1 11	8 11	3 22	10 56	4 18	4 40	1 5	5 31	1 0	20 17	0 14	3 17	0 45	14 11	1 31	16 10	6 22	10 45	11 12	2 35	16 29	6 42
W24	1 29	9 59	0s 9	8 2	3 28	10 50	4 11	4 22	1 5	5 37	1 0	20 17	0 14	3 15	0 45	14 12	1 31	16 11	6 22	10 44	11 13	2 32	16 29	6 42
T 25	1 53	3 5	1 31	7 48	3 32	10 44	4 3	4 3	1 5	5 42	1 0	20 17	0 14	3 14	0 45	14 13	1 31	16 11	6 22	10 45	11 14	2 28	16 30	6 41
F 26	2 17	4s 3	2 46	7 30	3 35	10 36	3 55	3 44	1 4	5 48	1 0	20 17	0 14	3 13	0 46	14 13	1 31	16 12	6 22	10 46	11 16	2 25	16 30	6 41
S 27	2 40	10 55	3 50	7 7	3 35	10 29	3 47	3 26	1 4	5 53	1 0	20 17	0 14	3 11	0 46	14 14	1 31	16 12	6 22	10 47	11 17	2 22	16 30	6 40
S 28	3 4	17 4	4 36	6 42	3 32	10 21	3 39	3 7	1 4	5 59	1 0	20 18	0 14	3 10	0 46	14 14	1 30	16 12	6 22	10 49	11 18	2 18	16 31	6 40
M29	3 28	22 4	5 3	6 13	3 28	10 12	3 32	2 48	1 4	6 4	1 0	20 18	0 14	3 9	0 46	14 15	1 30	16 13	6 21	10 51	11 19	2 15	16 31	6 39
T 30	3 51	25 37	5 11	5 43	3 22	10 4	3 24	2 30	1 4	6 10	1 0	20 18	0 14	3 7	0 46	14 16	1 30	16 13	6 21	10 53	11 20	2 12	16 32	6 39
W31	4n14	27s32	5s 0	5n11	3n13	9s54	3n16	2s11	1s 4	6n15	1s 0	20n18	0s14	3s 6	0s46	14n16	1s30	16n14	6n21	10s54	11s21	2s 8	16n32	6s38

Julian Day Number = 3066307.5, Delta T = 02h34m09s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'17, Lahiri = 47°27'17

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

APRIL 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 40 58	11♈48'31	29♐45	4°R39	26♒ 7	27♓44	18♈44	27♋16	23♓58	13♉24	3°R 2	1°R17	0♓ 0	20♓28	3♋50	T 1
F 2	12 44 54	12°48'37	12♑33	3♈44	26°59	28°31	18°58	27°17	24° 1	13°26	3♍ 1	1°D16	29♒57	20°35	3°51	F 2
S 3	12 48 51	13°48'42	24°58	2°53	27°52	29°18	19°13	27°17	24° 4	13°28	3° 0	1♓17	29°54	20°42	3°53	S 3
S 4	12 52 48	14°48'45	7♒ 7	2° 7	28°46	0♈ 5	19°27	27°18	24° 8	13°30	2°59	1°18	29°51	20°48	3°55	S 4
M 5	12 56 44	15°48'46	19° 3	1°27	29°40	0°53	19°42	27°19	24°11	13°32	2°58	1°20	29°48	20°55	3°57	M 5
T 6	13 0 41	16°48'46	0♓52	0°54	0♓35	1°40	19°56	27°20	24°14	13°34	2°57	1°R21	29°45	21° 2	3°59	T 6
W 7	13 4 37	17°48'45	12°38	0°27	1°30	2°27	20°11	27°21	24°17	13°36	2°56	1°20	29°41	21° 8	4° 1	W 7
T 8	13 8 34	18°48'41	24°25	0° 6	2°26	3°14	20°25	27°22	24°21	13°38	2°55	1°17	29°38	21°15	4° 3	T 8
F 9	13 12 30	19°48'36	6♈15	29♓53	3°23	4° 2	20°40	27°23	24°24	13°40	2°54	1°12	29°35	21°22	4° 6	F 9
S 10	13 16 27	20°48'29	18°12	29°45	4°20	4°49	20°55	27°24	24°27	13°42	2°53	1° 4	29°32	21°28	4° 8	S 10
S 11	13 20 23	21°48'21	0♉16	29°D44	5°17	5°36	21° 9	27°26	24°30	13°44	2°52	0°55	29°29	21°35	4°10	S 11
M12	13 24 20	22°48'10	12°29	29°49	6°15	6°24	21°24	27°27	24°33	13°46	2°51	0°45	29°25	21°42	4°13	M12
T 13	13 28 16	23°47'58	24°52	29°59	7°13	7°11	21°38	27°29	24°37	13°49	2°51	0°35	29°22	21°48	4°16	T 13
W14	13 32 13	24°47'43	7♊25	0♈15	8°12	7°58	21°53	27°31	24°40	13°51	2°50	0°26	29°19	21°55	4°18	W14
T 15	13 36 10	25°47'27	20°11	0°36	9°11	8°45	22° 8	27°32	24°43	13°53	2°49	0°19	29°16	22° 2	4°21	T 15
F 16	13 40 6	26°47'08	3♋10	1° 2	10°10	9°33	22°22	27°34	24°46	13°55	2°48	0°14	29°13	22° 8	4°24	F 16
S 17	13 44 3	27°46'48	16°25	1°33	11°10	10°20	22°37	27°37	24°49	13°57	2°48	0°11	29°10	22°15	4°26	S 17
S 18	13 47 59	28°46'25	29°57	2° 8	12°11	11° 7	22°51	27°39	24°52	13°59	2°47	0°D10	29° 6	22°21	4°29	S 18
M19	13 51 56	29°46'00	13♌48	2°47	13°11	11°54	23° 6	27°41	24°55	14° 2	2°46	0°11	29° 3	22°28	4°32	M19
T 20	13 55 52	0♉45'32	27°58	3°30	14°12	12°41	23°20	27°43	24°58	14° 4	2°46	0°R11	29° 0	22°35	4°35	T 20
W21	13 59 49	1°45'02	12♍28	4°17	15°13	13°28	23°35	27°46	25° 1	14° 6	2°45	0°11	28°57	22°41	4°38	W21
T 22	14 3 45	2°44'30	27°13	5° 7	16°15	14°16	23°49	27°48	25° 4	14° 8	2°44	0° 8	28°54	22°48	4°42	T 22
F 23	14 7 42	3°43'56	12♎ 9	6° 0	17°17	15° 3	24° 4	27°51	25° 7	14°11	2°44	0° 3	28°50	22°55	4°45	F 23
S 24	14 11 39	4°43'20	27° 8	6°56	18°19	15°50	24°18	27°54	25°10	14°13	2°43	29♒55	28°47	23° 1	4°48	S 24
S 25	14 15 35	5°42'42	12♏ 0	7°55	19°22	16°37	24°33	27°57	25°13	14°15	2°43	29°46	28°44	23° 8	4°51	S 25
M26	14 19 32	6°42'02	26°37	8°57	20°25	17°24	24°47	28° 0	25°15	14°17	2°42	29°35	28°41	23°15	4°55	M26
T 27	14 23 28	7°41'20	10♐51	10° 1	21°28	18°11	25° 1	28° 3	25°18	14°20	2°42	29°25	28°38	23°21	4°58	T 27
W28	14 27 25	8°40'37	24°39	11° 8	22°31	18°58	25°16	28° 6	25°21	14°22	2°41	29°16	28°35	23°28	5° 2	W28
T 29	14 31 21	9°39'52	7♑58	12°17	23°35	19°45	25°30	28° 9	25°24	14°24	2°41	29°10	28°31	23°35	5° 5	T 29
F 30	14 35 18	10♉39'05	20♑51	13♈28	24♓39	20♈32	25♈45	28♋13	25♓26	14♉26	2♍41	29♒ 6	28♒28	23♓41	5♋ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n38	27s47	4s34	4n39	3n 4	9s44	3n 9	1s52	1s 4	6n21	1s 0	20n18	0s13	3s 5	0s46	14n17	1s30	16n14	6n21	10s55	11s22	2s 5	16n32	6s38
F 2	5 1	26 32	3 54	4 6	2 52	9 34	3 1	1 33	1 3	6 26	1 0	20 18	0 13	3 3	0 46	14 17	1 30	16 14	6 21	10 56	11 23	2 2	16 33	6 38
S 3	5 24	23 58	3 5	3 35	2 40	9 23	2 53	1 15	1 3	6 32	1 0	20 18	0 13	3 2	0 46	14 18	1 30	16 15	6 21	10 55	11 24	1 58	16 33	6 37
S 4	5 47	20 23	2 8	3 4	2 26	9 12	2 46	0 56	1 3	6 37	1 0	20 18	0 13	3 1	0 46	14 19	1 30	16 15	6 21	10 55	11 25	1 55	16 34	6 37
M 5	6 10	16 2	1 6	2 36	2 12	9 0	2 39	0 37	1 3	6 42	1 0	20 18	0 13	2 59	0 46	14 19	1 30	16 15	6 21	10 54	11 27	1 51	16 34	6 36
T 6	6 33	11 7	0 3	2 9	1 57	8 48	2 31	0 18	1 3	6 48	1 0	20 18	0 13	2 58	0 46	14 20	1 30	16 15	6 21	10 54	11 28	1 48	16 34	6 36
W 7	6 56	5 49	1n 1	1 45	1 42	8 36	2 24	0n 1	1 2	6 53	1 0	20 18	0 13	2 57	0 46	14 21	1 30	16 16	6 21	10 54	11 29	1 45	16 35	6 35
T 8	7 18	0 20	2 1	1 23	1 27	8 23	2 17	0 19	1 2	6 59	1 0	20 18	0 13	2 56	0 46	14 21	1 30	16 16	6 21	10 55	11 30	1 41	16 35	6 35
F 9	7 41	5n11	2 57	1 3	1 12	8 10	2 10	0 38	1 2	7 4	1 0	20 18	0 12	2 54	0 46	14 22	1 30	16 16	6 21	10 57	11 31	1 38	16 35	6 34
S 10	8 3	10 33	3 45	0 46	0 57	7 56	2 3	0 57	1 2	7 10	1 0	20 18	0 12	2 53	0 46	14 22	1 30	16 17	6 21	11 0	11 32	1 35	16 36	6 34
S 11	8 25	15 35	4 24	0 32	0 42	7 42	1 56	1 16	1 2	7 15	1 0	20 17	0 12	2 52	0 46	14 23	1 30	16 17	6 21	11 3	11 33	1 31	16 36	6 34
M12	8 47	20 3	4 51	0 21	0 28	7 27	1 49	1 35	1 1	7 20	1 0	20 17	0 12	2 51	0 46	14 24	1 30	16 17	6 21	11 7	11 34	1 28	16 36	6 33
T 13	9 9	23 44	5 4	0 12	0 14	7 12	1 42	1 53	1 1	7 26	1 0	20 17	0 12	2 49	0 46	14 24	1 30	16 17	6 21	11 10	11 35	1 25	16 37	6 33
W14	9 31	26 20	5 3	0 6	0s 0	6 57	1 35	2 12	1 1	7 31	1 0	20 17	0 12	2 48	0 46	14 25	1 30	16 18	6 21	11 13	11 37	1 21	16 37	6 32
T 15	9 53	27 39	4 48	0 2	0 13	6 41	1 28	2 31	1 1	7 36	1 0	20 16	0 12	2 47	0 46	14 26	1 30	16 18	6 21	11 16	11 38	1 18	16 37	6 32
F 16	10 14	27 28	4 17	0 1	0 26	6 25	1 22	2 49	1 0	7 42	1 0	20 16	0 12	2 46	0 46	14 26	1 30	16 18	6 21	11 18	11 39	1 15	16 38	6 32
S 17	10 35	25 44	3 32	0 2	0 38	6 9	1 15	3 8	1 0	7 47	1 0	20 16	0 11	2 45	0 46	14 27	1 30	16 18	6 20	11 18	11 40	1 11	16 38	6 31
S 18	10 57	22 30	2 35	0 5	0 49	5 52	1 9	3 26	1 0	7 52	1 0	20 16	0 11	2 43	0 46	14 28	1 30	16 18	6 20	11 19	11 41	1 8	16 38	6 31
M19	11 17	17 55	1 27	0 10	1 0	5 35	1 3	3 45	1 0	7 58	1 0	20 15	0 11	2 42	0 46	14 28	1 30	16 18	6 20	11 19	11 42	1 5	16 39	6 30
T 20	11 38	12 16	0 12	0 18	1 11	5 18	0 56	4 4	0 59	8 3	1 0	20 15	0 11	2 41	0 46	14 29	1 30	16 19	6 20	11 18	11 43	1 1	16 39	6 30
W21	11 59	5 49	1s 5	0 27	1 21	5 0	0 50	4 22	0 59	8 8	1 0	20 15	0 11	2 40	0 46	14 30	1 30	16 19	6 20	11 19	11 44	0 58	16 39	6 30
T 22	12 19	1s 2	2 19	0 38	1 30	4 42	0 44	4 40	0 59	8 14	1 0	20 14	0 11	2 39	0 46	14 30	1 30	16 19	6 20	11 19	11 45	0 55	16 40	6 29
F 23	12 39	7 54	3 24	0 51	1 38	4 24	0 38	4 59	0 58	8 19	1 0	20 14	0 11	2 38	0 46	14 31	1 30	16 19	6 20	11 21	11 46	0 51	16 40	6 29
S 24	12 59	14 20	4 15	1 6	1 47	4 5	0 32	5 17	0 58	8 24	1 0	20 13	0 11	2 37	0 46	14 32	1 30	16 19	6 20	11 24	11 47	0 48	16 40	6 29
S 25	13 18	19 53	4 49	1 22	1 54	3 46	0 26	5 35	0 58	8 29	1 1	20 13	0 11	2 36	0 46	14 32	1 30	16 19	6 20	11 27	11 49	0 45	16 40	6 28
M26	13 38	24 8	5 3	1 39	2 1	3 27	0 21	5 53	0 57	8 34	1 1	20 12	0 10	2 34	0 46	14 33	1 30	16 19	6 20	11 31	11 50	0 41	16 41	6 28
T 27	13 57	26 46	4 57	1 59	2 7	3 7	0 15	6 11	0 57	8 40	1 1	20 12	0 10	2 33	0 46	14 34	1 30	16 19	6 20	11 34	11 51	0 38	16 41	6 27
W28	14 16	27 41	4 34	2 19	2 13	2 48	0 10	6 29	0 57	8 45	1 1	20 11	0 10	2 32	0 46	14 34	1 30	16 20	6 20	11 37	11 52	0 34	16 41	6 27
T 29	14 35	26 56	3 57	2 41	2 19	2 28	0 4	6 47	0 56	8 50	1 1	20 11	0 10	2 31	0 46	14 35	1 30	16 20	6 20	11 40	11 53	0 31	16 41	6 27
F 30	14n53	24s44	3s 8	3n 4	2s23	2s 7	0s 1	7n 5	0s56	8n55	1s 1	20n10	0s10	2s30	0s46	14n36	1s30	16n20	6n19	11s41	11s54	0s28	16n41	6s26

Julian Day Number = 3066338.5, Delta T = 02h34m10s
Ecliptic obliquity = 23°13'31, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'21, Lahiri = 47°27'21

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

MAY 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 14	11♉38'16	3♒20	14♈42	25♓43	21♈19	25♈59	28♋16	25♓29	14♉29	2°R40	29°R 4	28♒25	23♓48	5♋13	S 1
S 2	14 43 11	12°37'26	15°30	15°57	26°47	22° 6	26°13	28°20	25°32	14°31	2♍40	29°D 4	28°22	23°55	5°16	S 2
M 3	14 47 8	13°36'34	27°27	17°15	27°52	22°53	26°27	28°24	25°34	14°33	2°39	29°R 4	28°19	24° 1	5°20	M 3
T 4	14 51 4	14°35'40	9♓17	18°34	28°56	23°40	26°42	28°27	25°37	14°36	2°39	29♒ 4	28°16	24° 8	5°24	T 4
W 5	14 55 1	15°34'44	21° 3	19°56	0♈ 1	24°27	26°56	28°31	25°39	14°38	2°39	29° 2	28°12	24°15	5°28	W 5
T 6	14 58 57	16°33'47	2♈52	21°19	1° 7	25°14	27°10	28°35	25°42	14°40	2°39	28°57	28° 9	24°21	5°32	T 6
F 7	15 2 54	17°32'48	14°47	22°44	2°12	26° 1	27°24	28°39	25°44	14°42	2°38	28°50	28° 6	24°28	5°36	F 7
S 8	15 6 50	18°31'47	26°51	24°11	3°18	26°48	27°38	28°43	25°47	14°45	2°38	28°40	28° 3	24°35	5°40	S 8
S 9	15 10 47	19°30'45	9♉ 6	25°39	4°23	27°35	27°52	28°48	25°49	14°47	2°38	28°28	28° 0	24°41	5°44	S 9
M10	15 14 43	20°29'40	21°34	27°10	5°29	28°22	28° 6	28°52	25°52	14°49	2°38	28°15	27°56	24°48	5°48	M10
T 11	15 18 40	21°28'34	4♊14	28°42	6°36	29° 9	28°20	28°56	25°54	14°51	2°38	28° 1	27°53	24°55	5°52	T 11
W12	15 22 37	22°27'26	17° 6	0♉15	7°42	29°55	28°34	29° 1	25°56	14°54	2°38	27°49	27°50	25° 1	5°56	W12
T 13	15 26 33	23°26'15	0♋10	1°50	8°48	0♉42	28°48	29° 5	25°58	14°56	2°38	27°39	27°47	25° 8	6° 1	T 13
F 14	15 30 30	24°25'03	13°25	3°27	9°55	1°29	29° 2	29°10	26° 1	14°58	2°D38	27°31	27°44	25°15	6° 5	F 14
S 15	15 34 26	25°23'49	26°51	5° 6	11° 2	2°15	29°16	29°15	26° 3	15° 0	2°38	27°27	27°41	25°21	6° 9	S 15
S 16	15 38 23	26°22'32	10♌28	6°46	12° 8	3° 2	29°30	29°20	26° 5	15° 3	2°38	27°25	27°37	25°28	6°14	S 16
M17	15 42 19	27°21'13	24°17	8°28	13°16	3°49	29°43	29°24	26° 7	15° 5	2°38	27°24	27°34	25°35	6°18	M17
T 18	15 46 16	28°19'52	8♍19	10°11	14°23	4°35	29°57	29°29	26° 9	15° 7	2°38	27°24	27°31	25°41	6°23	T 18
W19	15 50 12	29°18'29	22°33	11°56	15°30	5°22	0♉11	29°34	26°11	15° 9	2°38	27°23	27°28	25°48	6°27	W19
T 20	15 54 9	0♊17'04	6♎57	13°43	16°37	6° 8	0°24	29°40	26°13	15°12	2°38	27°20	27°25	25°55	6°32	T 20
F 21	15 58 6	1°15'36	21°29	15°31	17°45	6°55	0°38	29°45	26°15	15°14	2°38	27°14	27°22	26° 1	6°36	F 21
S 22	16 2 2	2°14'07	6♏ 4	17°22	18°53	7°41	0°51	29°50	26°17	15°16	2°39	27° 5	27°18	26° 8	6°41	S 22
S 23	16 5 59	3°12'35	20°34	19°13	20° 0	8°28	1° 5	29°55	26°19	15°18	2°39	26°55	27°15	26°15	6°46	S 23
M24	16 9 55	4°11'02	4♐53	21° 7	21° 8	9°14	1°18	0♌ 1	26°20	15°20	2°39	26°43	27°12	26°21	6°50	M24
T 25	16 13 52	5° 9'28	18°56	23° 2	22°16	10° 1	1°32	0° 6	26°22	15°23	2°39	26°31	27° 9	26°28	6°55	T 25
W26	16 17 48	6° 7'51	2♑36	24°59	23°24	10°47	1°45	0°12	26°24	15°25	2°40	26°21	27° 6	26°35	7° 0	W26
T 27	16 21 45	7° 6'13	15°53	26°58	24°33	11°33	1°58	0°17	26°26	15°27	2°40	26°13	27° 2	26°41	7° 5	T 27
F 28	16 25 41	8° 4'33	28°45	28°58	25°41	12°19	2°11	0°23	26°27	15°29	2°40	26° 8	26°59	26°48	7°10	F 28
S 29	16 29 38	9° 2'52	11♒16	1♊ 0	26°50	13° 6	2°24	0°29	26°29	15°31	2°41	26° 6	26°56	26°55	7°14	S 29
S 30	16 33 35	10° 1'09	23°28	3° 3	27°58	13°52	2°37	0°35	26°30	15°33	2°41	26°D 5	26°53	27° 1	7°19	S 30
M31	16 37 31	10♊59'25	5♓28	5♊ 8	29♈ 7	14♉38	2♉50	0♌41	26♓32	15♉35	2♍42	26°R 5	26♒50	27♓ 8	7♋24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n11	21s23	2s12	3n28	2s27	1s47	0s 6	7n23	0s56	9n 0	1s 1	20n10	0s10	2s29	0s46	14n36	1s30	16n20	6n19	11s42	11s55	0s24	16n42	6s26
S 2	15 29	17 11	1 12	3 54	2 31	1 26	0 11	7 41	0 55	9 5	1 1	20 9	0 10	2 28	0 46	14 37	1 30	16 20	6 19	11 42	11 56	0 21	16 42	6 26
M 3	15 47	12 23	0 9	4 20	2 34	1 5	0 16	7 58	0 55	9 10	1 1	20 8	0 10	2 27	0 46	14 38	1 30	16 20	6 19	11 42	11 57	0 18	16 42	6 25
T 4	16 4	7 11	0n54	4 48	2 37	0 44	0 21	8 16	0 54	9 15	1 1	20 8	0 10	2 26	0 46	14 38	1 30	16 20	6 19	11 42	11 58	0 14	16 42	6 25
W 5	16 22	1 46	1 54	5 16	2 39	0 23	0 26	8 33	0 54	9 20	1 1	20 7	0 9	2 25	0 46	14 39	1 30	16 20	6 19	11 42	11 59	0 11	16 42	6 25
T 6	16 38	3n43	2 49	5 45	2 40	0 2	0 30	8 51	0 54	9 25	1 1	20 6	0 9	2 24	0 46	14 40	1 30	16 20	6 19	11 44	12 1	0 8	16 42	6 24
F 7	16 55	9 7	3 37	6 16	2 41	0n20	0 35	9 8	0 53	9 30	1 1	20 6	0 9	2 23	0 46	14 40	1 30	16 20	6 19	11 46	12 2	0 4	16 43	6 24
S 8	17 11	14 14	4 16	6 47	2 42	0 42	0 39	9 25	0 53	9 35	1 1	20 5	0 9	2 22	0 46	14 41	1 30	16 20	6 19	11 50	12 3	0 1	16 43	6 24
S 9	17 27	18 53	4 43	7 19	2 42	1 4	0 44	9 42	0 52	9 40	1 1	20 4	0 9	2 21	0 46	14 42	1 30	16 20	6 19	11 54	12 4	0n 2	16 43	6 24
M10	17 43	22 47	4 58	7 51	2 41	1 26	0 48	9 59	0 52	9 45	1 1	20 3	0 9	2 21	0 46	14 42	1 30	16 20	6 18	11 59	12 5	0 6	16 43	6 23
T 11	17 58	25 41	4 58	8 25	2 40	1 48	0 52	10 16	0 51	9 50	1 1	20 3	0 9	2 20	0 46	14 43	1 30	16 20	6 18	12 3	12 6	0 9	16 43	6 23
W12	18 13	27 19	4 44	8 59	2 39	2 10	0 56	10 33	0 51	9 55	1 1	20 2	0 9	2 19	0 46	14 43	1 30	16 20	6 18	12 8	12 7	0 12	16 43	6 23
T 13	18 28	27 27	4 14	9 33	2 37	2 33	1 0	10 49	0 51	10 0	1 2	20 1	0 9	2 18	0 46	14 44	1 30	16 20	6 18	12 11	12 8	0 16	16 43	6 22
F 14	18 42	26 2	3 30	10 8	2 34	2 55	1 3	11 6	0 50	10 4	1 2	20 0	0 9	2 17	0 47	14 45	1 30	16 19	6 18	12 14	12 9	0 19	16 43	6 22
S 15	18 56	23 7	2 34	10 44	2 31	3 18	1 7	11 22	0 50	10 9	1 2	19 59	0 8	2 16	0 47	14 45	1 30	16 19	6 18	12 15	12 10	0 22	16 43	6 22
S 16	19 10	18 52	1 28	11 20	2 27	3 40	1 11	11 39	0 49	10 14	1 2	19 58	0 8	2 15	0 47	14 46	1 30	16 19	6 18	12 16	12 11	0 26	16 43	6 22
M17	19 24	13 34	0 16	11 56	2 23	4 3	1 14	11 55	0 49	10 19	1 2	19 57	0 8	2 15	0 47	14 47	1 30	16 19	6 18	12 16	12 13	0 29	16 44	6 21
T 18	19 37	7 29	0s57	12 33	2 19	4 26	1 17	12 11	0 48	10 23	1 2	19 57	0 8	2 14	0 47	14 47	1 30	16 19	6 18	12 16	12 14	0 32	16 44	6 21
W19	19 49	0 57	2 9	13 9	2 14	4 48	1 21	12 27	0 48	10 28	1 2	19 56	0 8	2 13	0 47	14 48	1 30	16 19	6 18	12 16	12 15	0 36	16 44	6 21
T 20	20 2	5s41	3 13	13 46	2 8	5 11	1 24	12 42	0 47	10 33	1 2	19 55	0 8	2 12	0 47	14 49	1 30	16 19	6 17	12 17	12 16	0 39	16 44	6 21
F 21	20 14	12 5	4 5	14 24	2 2	5 34	1 27	12 58	0 47	10 37	1 2	19 54	0 8	2 12	0 47	14 49	1 30	16 19	6 17	12 19	12 17	0 42	16 44	6 21
S 22	20 25	17 50	4 41	15 1	1 56	5 57	1 29	13 13	0 46	10 42	1 2	19 53	0 8	2 11	0 47	14 50	1 30	16 18	6 17	12 22	12 18	0 46	16 44	6 20
S 23	20 37	22 32	4 59	15 38	1 49	6 20	1 32	13 29	0 46	10 46	1 2	19 52	0 8	2 10	0 47	14 50	1 30	16 18	6 17	12 26	12 19	0 49	16 44	6 20
M24	20 48	25 48	4 57	16 15	1 41	6 42	1 35	13 44	0 45	10 51	1 2	19 51	0 8	2 10	0 47	14 51	1 30	16 18	6 17	12 30	12 20	0 52	16 44	6 20
T 25	20 58	27 23	4 38	16 52	1 33	7 5	1 37	13 59	0 45	10 55	1 3	19 50	0 7	2 9	0 47	14 52	1 30	16 18	6 17	12 34	12 21	0 56	16 44	6 20
W26	21 8	27 15	4 3	17 28	1 25	7 28	1 40	14 14	0 44	11 0	1 3	19 48	0 7	2 8	0 47	14 52	1 30	16 18	6 17	12 37	12 22	0 59	16 43	6 20
T 27	21 18	25 32	3 16	18 4	1 17	7 51	1 42	14 28	0 44	11 4	1 3	19 47	0 7	2 8	0 47	14 53	1 30	16 17	6 17	12 40	12 23	1 2	16 43	6 19
F 28	21 27	22 30	2 19	18 39	1 8	8 13	1 44	14 43	0 43	11 9	1 3	19 46	0 7	2 7	0 47	14 53	1 30	16 17	6 17	12 42	12 24	1 6	16 43	6 19
S 29	21 37	18 29	1 18	19 14	0 58	8 36	1 46	14 57	0 43	11 13	1 3	19 45	0 7	2 6	0 47	14 54	1 30	16 17	6 17	12 42	12 25	1 9	16 43	6 19
S 30	21 45	13 48	0 14	19 47	0 49	8 58	1 48	15 11	0 42	11 17	1 3	19 44	0 7	2 6	0 47	14 55	1 30	16 17	6 16	12 43	12 27	1 12	16 43	6 19
M31	21n53	8s39	0n50	20n20	0s39	9n20	1s50	15n25	0s41	11n21	1s 3	19n43	0s 7	2s 5	0s47	14n55	1s30	16n16	6n16	12s43	12s28	1n16	16n43	6s19

Julian Day Number = 3066368.5, Delta T = 02h34m11s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'25, Lahiri = 47°27'26

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

JUNE 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 41 28	11♊57'39	17♓19	7♊15	0♉15	15♉24	3♉ 3	0♌47	26♓33	15♉37	2♍42	26°R 5	26♒47	27♓15	7♋29	T 1
W 2	16 45 24	12°55'52	29° 8	9°22	1°24	16°10	3°16	0°53	26°35	15°39	2°42	26♒ 4	26°43	27°21	7°34	W 2
T 3	16 49 21	13°54'04	10♈59	11°31	2°33	16°56	3°29	0°59	26°36	15°42	2°43	26° 0	26°40	27°28	7°39	T 3
F 4	16 53 17	14°52'14	22°58	13°40	3°42	17°42	3°42	1° 5	26°37	15°44	2°44	25°55	26°37	27°35	7°44	F 4
S 5	16 57 14	15°50'23	5♉ 8	15°50	4°51	18°28	3°54	1°11	26°39	15°46	2°44	25°47	26°34	27°41	7°49	S 5
S 6	17 1 10	16°48'30	17°33	18° 1	6° 1	19°14	4° 7	1°17	26°40	15°48	2°45	25°37	26°31	27°48	7°55	S 6
M 7	17 5 7	17°46'36	0♊14	20°12	7°10	20° 0	4°19	1°24	26°41	15°50	2°45	25°25	26°28	27°55	8° 0	M 7
T 8	17 9 4	18°44'41	13°11	22°23	8°19	20°46	4°32	1°30	26°42	15°52	2°46	25°13	26°24	28° 1	8° 5	T 8
W 9	17 13 0	19°42'44	26°23	24°34	9°29	21°32	4°44	1°36	26°43	15°54	2°47	25° 3	26°21	28° 8	8°10	W 9
T 10	17 16 57	20°40'46	9♋50	26°44	10°38	22°17	4°56	1°43	26°44	15°56	2°47	24°54	26°18	28°15	8°15	T 10
F 11	17 20 53	21°38'46	23°28	28°53	11°48	23° 3	5° 9	1°49	26°45	15°58	2°48	24°48	26°15	28°21	8°20	F 11
S 12	17 24 50	22°36'44	7♌15	1♋ 2	12°57	23°49	5°21	1°56	26°46	15°59	2°49	24°44	26°12	28°28	8°26	S 12
S 13	17 28 46	23°34'41	21°10	3° 8	14° 7	24°34	5°33	2° 3	26°47	16° 1	2°50	24°D43	26° 8	28°35	8°31	S 13
M14	17 32 43	24°32'36	5♍10	5°13	15°17	25°20	5°45	2° 9	26°48	16° 3	2°50	24°43	26° 5	28°41	8°36	M14
T 15	17 36 40	25°30'29	19°15	7°17	16°26	26° 5	5°57	2°16	26°49	16° 5	2°51	24°R44	26° 2	28°48	8°41	T 15
W16	17 40 36	26°28'21	3♎24	9°18	17°36	26°51	6° 8	2°23	26°49	16° 7	2°52	24°44	25°59	28°55	8°47	W16
T 17	17 44 33	27°26'11	17°35	11°16	18°46	27°36	6°20	2°29	26°50	16° 9	2°53	24°42	25°56	29° 1	8°52	T 17
F 18	17 48 29	28°23'59	1♏47	13°13	19°56	28°21	6°32	2°36	26°51	16°11	2°54	24°38	25°53	29° 8	8°57	F 18
S 19	17 52 26	29°21'46	15°56	15° 7	21° 6	29° 7	6°43	2°43	26°51	16°12	2°55	24°32	25°49	29°15	9° 3	S 19
S 20	17 56 22	0♋19'31	29°59	16°58	22°16	29°52	6°54	2°50	26°52	16°14	2°56	24°24	25°46	29°21	9° 8	S 20
M21	18 0 19	1°17'15	13♐53	18°46	23°26	0♊37	7° 6	2°57	26°52	16°16	2°56	24°16	25°43	29°28	9°13	M21
T 22	18 4 15	2°14'58	27°32	20°32	24°37	1°22	7°17	3° 4	26°53	16°18	2°57	24° 7	25°40	29°35	9°19	T 22
W23	18 8 12	3°12'39	10♑54	22°14	25°47	2° 7	7°28	3°11	26°53	16°19	2°58	24° 0	25°37	29°41	9°24	W23
T 24	18 12 9	4°10'20	23°58	23°54	26°57	2°53	7°39	3°18	26°53	16°21	2°59	23°54	25°34	29°48	9°29	T 24
F 25	18 16 5	5° 7'59	6♒42	25°31	28° 8	3°38	7°50	3°26	26°54	16°23	3° 0	23°50	25°30	29°55	9°35	F 25
S 26	18 20 2	6° 5'37	19° 8	27° 5	29°18	4°22	8° 1	3°33	26°54	16°24	3° 2	23°D49	25°27	0♈ 1	9°40	S 26
S 27	18 23 58	7° 3'14	1♓19	28°35	0♊29	5° 7	8°12	3°40	26°54	16°26	3° 3	23°49	25°24	0° 8	9°46	S 27
M28	18 27 55	8° 0'50	13°19	0♌ 3	1°39	5°52	8°22	3°47	26°54	16°27	3° 4	23°50	25°21	0°15	9°51	M28
T 29	18 31 51	8°58'26	25°11	1°28	2°50	6°37	8°33	3°54	26°54	16°29	3° 5	23°52	25°18	0°21	9°56	T 29
W30	18 35 48	9♋56'00	7♈ 1	2♌49	4♊ 0	7♊22	8♉43	4♌ 2	26°R54	16♉31	3♍ 6	23°R52	25♒14	0♈28	10♋ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	3s16	1n50	20n51	0s29	9n43	1s52	15n39	0s41	11n26	1s 3	19n42	0s 7	2s 5	0s47	14n56	1s30	16n16	6n16	12s43	12s29	1n19	16n43	6s19
W 2	22 9	2n12	2 46	21 21	0 18	10 5	1 54	15 53	0 40	11 30	1 3	19 40	0 7	2 4	0 47	14 56	1 30	16 16	6 16	12 43	12 30	1 22	16 43	6 18
T 3	22 16	7 36	3 35	21 50	0 8	10 27	1 55	16 7	0 40	11 34	1 3	19 39	0 7	2 4	0 47	14 57	1 30	16 16	6 16	12 44	12 31	1 26	16 43	6 18
F 4	22 23	12 47	4 14	22 17	0n 3	10 49	1 57	16 20	0 39	11 38	1 4	19 38	0 6	2 3	0 47	14 57	1 30	16 15	6 16	12 46	12 32	1 29	16 43	6 18
S 5	22 29	17 34	4 43	22 42	0 13	11 10	1 58	16 33	0 39	11 42	1 4	19 37	0 6	2 3	0 47	14 58	1 30	16 15	6 16	12 49	12 33	1 32	16 42	6 18
S 6	22 35	21 42	4 59	23 5	0 24	11 32	1 59	16 46	0 38	11 47	1 4	19 36	0 6	2 2	0 47	14 58	1 30	16 15	6 16	12 52	12 34	1 36	16 42	6 18
M 7	22 40	24 55	5 1	23 26	0 34	11 53	2 0	16 59	0 37	11 51	1 4	19 34	0 6	2 2	0 47	14 59	1 31	16 14	6 16	12 56	12 35	1 39	16 42	6 18
T 8	22 45	26 56	4 48	23 44	0 44	12 14	2 1	17 12	0 37	11 55	1 4	19 33	0 6	2 2	0 47	15 0	1 31	16 14	6 16	13 0	12 36	1 42	16 42	6 18
W 9	22 50	27 29	4 19	24 0	0 54	12 35	2 2	17 24	0 36	11 59	1 4	19 32	0 6	2 1	0 47	15 0	1 31	16 14	6 16	13 3	12 37	1 46	16 42	6 18
T 10	22 54	26 26	3 35	24 14	1 3	12 56	2 3	17 36	0 36	12 3	1 4	19 30	0 6	2 1	0 48	15 1	1 31	16 14	6 15	13 6	12 38	1 49	16 41	6 17
F 11	22 58	23 49	2 38	24 25	1 12	13 16	2 4	17 48	0 35	12 6	1 4	19 29	0 6	2 1	0 48	15 1	1 31	16 13	6 15	13 8	12 39	1 52	16 41	6 17
S 12	23 1	19 46	1 32	24 34	1 20	13 37	2 4	18 0	0 34	12 10	1 5	19 28	0 6	2 0	0 48	15 2	1 31	16 13	6 15	13 10	12 40	1 55	16 41	6 17
S 13	23 4	14 37	0 19	24 39	1 28	13 57	2 5	18 12	0 34	12 14	1 5	19 26	0 6	2 0	0 48	15 2	1 31	16 12	6 15	13 10	12 41	1 59	16 41	6 17
M14	23 7	8 40	0s56	24 43	1 35	14 16	2 5	18 23	0 33	12 18	1 5	19 25	0 6	2 0	0 48	15 3	1 31	16 12	6 15	13 10	12 43	2 2	16 40	6 17
T 15	23 9	2 16	2 7	24 44	1 42	14 36	2 6	18 35	0 32	12 22	1 5	19 23	0 5	1 59	0 48	15 3	1 31	16 12	6 15	13 10	12 44	2 5	16 40	6 17
W16	23 11	4s16	3 12	24 42	1 48	14 55	2 6	18 46	0 32	12 25	1 5	19 22	0 5	1 59	0 48	15 4	1 31	16 11	6 15	13 10	12 45	2 9	16 40	6 17
T 17	23 12	10 36	4 4	24 38	1 53	15 14	2 6	18 57	0 31	12 29	1 5	19 21	0 5	1 59	0 48	15 4	1 31	16 11	6 15	13 10	12 46	2 12	16 40	6 17
F 18	23 13	16 24	4 42	24 31	1 57	15 32	2 6	19 7	0 31	12 33	1 5	19 19	0 5	1 59	0 48	15 5	1 31	16 11	6 15	13 12	12 47	2 15	16 39	6 17
S 19	23 13	21 17	5 2	24 23	2 1	15 51	2 6	19 18	0 30	12 36	1 6	19 18	0 5	1 58	0 48	15 5	1 31	16 10	6 15	13 14	12 48	2 19	16 39	6 17
S 20	23 13	24 55	5 4	24 12	2 4	16 9	2 6	19 28	0 29	12 40	1 6	19 16	0 5	1 58	0 48	15 6	1 31	16 10	6 15	13 16	12 49	2 22	16 39	6 17
M21	23 13	27 2	4 48	24 0	2 6	16 26	2 5	19 38	0 29	12 43	1 6	19 15	0 5	1 58	0 48	15 6	1 31	16 9	6 14	13 19	12 50	2 25	16 38	6 17
T 22	23 12	27 28	4 16	23 46	2 7	16 44	2 5	19 48	0 28	12 47	1 6	19 13	0 5	1 58	0 48	15 6	1 31	16 9	6 14	13 22	12 51	2 29	16 38	6 17
W23	23 11	26 16	3 30	23 30	2 7	17 1	2 5	19 57	0 27	12 50	1 6	19 12	0 5	1 58	0 48	15 7	1 31	16 8	6 14	13 24	12 52	2 32	16 38	6 17
T 24	23 10	23 39	2 34	23 13	2 7	17 17	2 4	20 7	0 27	12 54	1 6	19 10	0 5	1 58	0 48	15 7	1 31	16 8	6 14	13 26	12 53	2 35	16 37	6 17
F 25	23 8	19 54	1 31	22 54	2 5	17 33	2 4	20 16	0 26	12 57	1 6	19 9	0 5	1 58	0 48	15 8	1 31	16 8	6 14	13 27	12 54	2 38	16 37	6 17
S 26	23 5	15 21	0 25	22 34	2 3	17 49	2 3	20 25	0 25	13 0	1 7	19 7	0 4	1 58	0 48	15 8	1 31	16 7	6 14	13 28	12 55	2 42	16 37	6 17
S 27	23 2	10 17	0n41	22 13	2 0	18 5	2 2	20 34	0 25	13 4	1 7	19 5	0 4	1 58	0 48	15 9	1 31	16 7	6 14	13 28	12 56	2 45	16 36	6 17
M28	22 59	4 54	1 44	21 51	1 56	18 20	2 1	20 42	0 24	13 7	1 7	19 4	0 4	1 58	0 48	15 9	1 31	16 6	6 14	13 27	12 57	2 48	16 36	6 17
T 29	22 55	0n35	2 42	21 28	1 52	18 34	2 0	20 50	0 23	13 10	1 7	19 2	0 4	1 58	0 48	15 9	1 31	16 6	6 14	13 27	12 58	2 52	16 35	6 17
W30	22n51	6n 1	3n32	21n 5	1n46	18n48	1s59	20n58	0s22	13n13	1s 7	19n 1	0s 4	1s58	0s48	15n10	1s31	16n 5	6n14	13s27	13s 0	2n55	16n35	6s17

Julian Day Number = 3066399.5, Delta T = 02h34m12s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'29, Lahiri = 47°27'30

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

JULY 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 39 44	10♋53'34	18♈55	4♌ 7	5♊11	8♊ 6	8♉54	4♌ 9	26°R54	16♉32	3♍ 7	23°R52	25♒11	0♈35	10♋ 7	T 1
F 2	18 43 41	11°51'08	0♉55	5°22	6°22	8°51	9° 4	4°16	26♓54	16°34	3° 8	23♒50	25° 8	0°41	10°13	F 2
S 3	18 47 38	12°48'40	13° 9	6°34	7°32	9°36	9°14	4°24	26°54	16°35	3°10	23°47	25° 5	0°48	10°18	S 3
S 4	18 51 34	13°46'12	25°39	7°43	8°43	10°20	9°24	4°31	26°54	16°36	3°11	23°41	25° 2	0°55	10°23	S 4
M 5	18 55 31	14°43'44	8♊27	8°48	9°54	11° 5	9°34	4°39	26°54	16°38	3°12	23°35	24°59	1° 1	10°29	M 5
T 6	18 59 27	15°41'14	21°36	9°49	11° 5	11°49	9°43	4°46	26°54	16°39	3°13	23°29	24°55	1° 8	10°34	T 6
W 7	19 3 24	16°38'44	5♋ 5	10°47	12°16	12°33	9°53	4°54	26°53	16°41	3°15	23°23	24°52	1°15	10°40	W 7
T 8	19 7 20	17°36'14	18°53	11°42	13°27	13°18	10° 3	5° 1	26°53	16°42	3°16	23°18	24°49	1°21	10°45	T 8
F 9	19 11 17	18°33'42	2♌55	12°33	14°38	14° 2	10°12	5° 9	26°53	16°43	3°17	23°15	24°46	1°28	10°50	F 9
S 10	19 15 14	19°31'10	17° 8	13°20	15°49	14°46	10°21	5°16	26°52	16°44	3°19	23°D14	24°43	1°35	10°56	S 10
S 11	19 19 10	20°28'36	1♍27	14° 3	17° 0	15°30	10°30	5°24	26°52	16°46	3°20	23°14	24°40	1°41	11° 1	S 11
M12	19 23 7	21°26'02	15°49	14°42	18°11	16°14	10°39	5°32	26°51	16°47	3°21	23°15	24°36	1°48	11° 7	M12
T 13	19 27 3	22°23'27	0♎ 9	15°17	19°23	16°58	10°48	5°39	26°51	16°48	3°23	23°16	24°33	1°55	11°12	T 13
W14	19 31 0	23°20'50	14°25	15°48	20°34	17°42	10°57	5°47	26°50	16°49	3°24	23°18	24°30	2° 1	11°17	W14
T 15	19 34 56	24°18'13	28°34	16°14	21°45	18°26	11° 6	5°54	26°49	16°50	3°25	23°R18	24°27	2° 8	11°23	T 15
F 16	19 38 53	25°15'35	12♏35	16°37	22°56	19°10	11°14	6° 2	26°49	16°52	3°27	23°17	24°24	2°15	11°28	F 16
S 17	19 42 49	26°12'57	26°26	16°54	24° 8	19°54	11°22	6°10	26°48	16°53	3°28	23°14	24°20	2°21	11°33	S 17
S 18	19 46 46	27°10'17	10♐ 5	17° 7	25°19	20°37	11°31	6°18	26°47	16°54	3°30	23°11	24°17	2°28	11°38	S 18
M19	19 50 43	28° 7'37	23°33	17°16	26°31	21°21	11°39	6°25	26°46	16°55	3°31	23° 8	24°14	2°35	11°44	M19
T 20	19 54 39	29° 4'57	6♑46	17°R20	27°42	22° 5	11°47	6°33	26°45	16°56	3°33	23° 4	24°11	2°41	11°49	T 20
W21	19 58 36	0♌ 2'15	19°46	17°19	28°54	22°48	11°54	6°41	26°44	16°57	3°34	23° 1	24° 8	2°48	11°54	W21
T 22	20 2 32	0°59'34	2♒30	17°14	0♋ 5	23°32	12° 2	6°48	26°43	16°58	3°36	22°59	24° 5	2°55	11°59	T 22
F 23	20 6 29	1°56'52	15° 0	17° 5	1°17	24°15	12°10	6°56	26°42	16°58	3°37	22°57	24° 1	3° 1	12° 5	F 23
S 24	20 10 25	2°54'09	27°17	16°51	2°28	24°58	12°17	7° 4	26°41	16°59	3°39	22°D57	23°58	3° 8	12°10	S 24
S 25	20 14 22	3°51'27	9♓23	16°33	3°40	25°42	12°24	7°12	26°40	17° 0	3°40	22°58	23°55	3°15	12°15	S 25
M26	20 18 18	4°48'44	21°20	16°11	4°52	26°25	12°31	7°19	26°39	17° 1	3°42	22°59	23°52	3°21	12°20	M26
T 27	20 22 15	5°46'01	3♈12	15°45	6° 4	27° 8	12°38	7°27	26°38	17° 2	3°44	23° 1	23°49	3°28	12°25	T 27
W28	20 26 12	6°43'18	15° 2	15°17	7°15	27°51	12°45	7°35	26°37	17° 2	3°45	23° 2	23°46	3°35	12°30	W28
T 29	20 30 8	7°40'35	26°55	14°45	8°27	28°34	12°51	7°43	26°35	17° 3	3°47	23° 3	23°42	3°41	12°36	T 29
F 30	20 34 5	8°37'53	8♉56	14°11	9°39	29°17	12°58	7°50	26°34	17° 4	3°48	23°R 3	23°39	3°48	12°41	F 30
S 31	20 38 1	9♌35'10	21♉ 9	13♌35	10♋51	29♊59	13♉ 4	7♌58	26♓33	17♉ 4	3♍50	23♒ 3	23♒36	3♈55	12♋46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n47	11n16	4n14	20n41	1n40	19n 2	1s58	21n 6	0s22	13n16	1s 7	18n59	0s 4	1s58	0s48	15n10	1s31	16n 5	6n14	13s27	13s 1	2n58	16n34	6s17
F 2	22 42	16 9	4 46	20 16	1 33	19 15	1 57	21 14	0 21	13 19	1 8	18 57	0 4	1 58	0 48	15 11	1 31	16 4	6 14	13 27	13 2	3 2	16 34	6 17
S 3	22 37	20 29	5 5	19 51	1 26	19 28	1 56	21 21	0 20	13 22	1 8	18 56	0 4	1 58	0 48	15 11	1 31	16 4	6 14	13 29	13 3	3 5	16 34	6 17
S 4	22 31	24 1	5 10	19 25	1 17	19 40	1 54	21 29	0 20	13 25	1 8	18 54	0 4	1 58	0 48	15 11	1 32	16 3	6 14	13 30	13 4	3 8	16 33	6 17
M 5	22 25	26 27	5 0	19 0	1 8	19 52	1 53	21 35	0 19	13 28	1 8	18 52	0 4	1 58	0 49	15 12	1 32	16 3	6 14	13 32	13 5	3 11	16 33	6 17
T 6	22 19	27 31	4 34	18 34	0 58	20 4	1 52	21 42	0 18	13 31	1 8	18 51	0 4	1 58	0 49	15 12	1 32	16 2	6 13	13 34	13 6	3 15	16 32	6 18
W 7	22 12	27 0	3 52	18 8	0 48	20 15	1 50	21 49	0 17	13 34	1 8	18 49	0 3	1 58	0 49	15 12	1 32	16 2	6 13	13 36	13 7	3 18	16 32	6 18
T 8	22 5	24 49	2 56	17 43	0 37	20 25	1 49	21 55	0 17	13 37	1 9	18 47	0 3	1 58	0 49	15 13	1 32	16 1	6 13	13 38	13 8	3 21	16 31	6 18
F 9	21 57	21 6	1 49	17 17	0 25	20 35	1 47	22 1	0 16	13 39	1 9	18 45	0 3	1 59	0 49	15 13	1 32	16 1	6 13	13 39	13 9	3 25	16 31	6 18
S 10	21 49	16 5	0 33	16 52	0 13	20 44	1 45	22 7	0 15	13 42	1 9	18 44	0 3	1 59	0 49	15 13	1 32	16 0	6 13	13 39	13 10	3 28	16 30	6 18
S 11	21 41	10 10	0s45	16 28	0s 0	20 53	1 43	22 12	0 15	13 45	1 9	18 42	0 3	1 59	0 49	15 14	1 32	16 0	6 13	13 39	13 11	3 31	16 29	6 18
M12	21 32	3 41	2 0	16 3	0 14	21 1	1 42	22 18	0 14	13 47	1 9	18 40	0 3	1 59	0 49	15 14	1 32	15 59	6 13	13 39	13 12	3 34	16 29	6 18
T 13	21 23	2s57	3 8	15 40	0 28	21 9	1 40	22 23	0 13	13 50	1 10	18 38	0 3	2 0	0 49	15 14	1 32	15 59	6 13	13 38	13 13	3 38	16 28	6 18
W14	21 14	9 23	4 4	15 17	0 43	21 16	1 38	22 27	0 12	13 52	1 10	18 37	0 3	2 0	0 49	15 14	1 32	15 58	6 13	13 38	13 14	3 41	16 28	6 19
T 15	21 4	15 18	4 45	14 55	0 58	21 23	1 36	22 32	0 12	13 55	1 10	18 35	0 3	2 0	0 49	15 15	1 32	15 57	6 13	13 38	13 15	3 44	16 27	6 19
F 16	20 54	20 22	5 8	14 33	1 13	21 29	1 34	22 36	0 11	13 57	1 10	18 33	0 3	2 0	0 49	15 15	1 32	15 57	6 13	13 38	13 16	3 47	16 27	6 19
S 17	20 43	24 15	5 13	14 13	1 29	21 34	1 31	22 41	0 10	14 0	1 10	18 31	0 3	2 1	0 49	15 15	1 32	15 56	6 13	13 39	13 17	3 51	16 26	6 19
S 18	20 32	26 42	5 0	13 54	1 45	21 39	1 29	22 45	0 9	14 2	1 11	18 29	0 3	2 1	0 49	15 15	1 32	15 56	6 13	13 40	13 18	3 54	16 25	6 19
M19	20 21	27 34	4 31	13 36	2 1	21 44	1 27	22 48	0 9	14 4	1 11	18 28	0 2	2 1	0 49	15 16	1 32	15 55	6 13	13 41	13 19	3 57	16 25	6 19
T 20	20 10	26 50	3 47	13 20	2 17	21 47	1 25	22 52	0 8	14 6	1 11	18 26	0 2	2 2	0 49	15 16	1 32	15 55	6 13	13 42	13 21	4 1	16 24	6 20
W21	19 58	24 38	2 53	13 4	2 33	21 51	1 23	22 55	0 7	14 8	1 11	18 24	0 2	2 2	0 49	15 16	1 32	15 54	6 13	13 43	13 22	4 4	16 24	6 20
T 22	19 45	21 13	1 50	12 51	2 49	21 53	1 20	22 58	0 6	14 11	1 11	18 22	0 2	2 3	0 49	15 16	1 32	15 53	6 13	13 44	13 23	4 7	16 23	6 20
F 23	19 33	16 53	0 44	12 38	3 5	21 55	1 18	23 1	0 5	14 13	1 12	18 20	0 2	2 3	0 49	15 17	1 32	15 53	6 13	13 45	13 24	4 10	16 22	6 20
S 24	19 20	11 56	0n24	12 28	3 20	21 57	1 15	23 3	0 5	14 15	1 12	18 18	0 2	2 4	0 49	15 17	1 33	15 52	6 13	13 45	13 25	4 14	16 22	6 20
S 25	19 7	6 36	1 29	12 19	3 35	21 58	1 13	23 5	0 4	14 17	1 12	18 17	0 2	2 4	0 49	15 17	1 33	15 52	6 13	13 44	13 26	4 17	16 21	6 21
M26	18 53	1 6	2 30	12 12	3 49	21 58	1 10	23 7	0 3	14 19	1 12	18 15	0 2	2 5	0 49	15 17	1 33	15 51	6 13	13 44	13 27	4 20	16 20	6 21
T 27	18 40	4n23	3 24	12 6	4 3	21 57	1 8	23 9	0 2	14 20	1 12	18 13	0 2	2 5	0 49	15 17	1 33	15 51	6 13	13 43	13 28	4 23	16 20	6 21
W28	18 26	9 43	4 10	12 2	4 15	21 56	1 5	23 11	0 2	14 22	1 13	18 11	0 2	2 6	0 49	15 17	1 33	15 50	6 13	13 43	13 29	4 27	16 19	6 21
T 29	18 11	14 42	4 44	12 0	4 27	21 55	1 3	23 12	0 1	14 24	1 13	18 9	0 2	2 6	0 49	15 18	1 33	15 49	6 13	13 43	13 30	4 30	16 18	6 21
F 30	17 57	19 12	5 7	12 0	4 37	21 53	1 0	23 13	0n 0	14 26	1 13	18 7	0 2	2 7	0 49	15 18	1 33	15 49	6 13	13 43	13 31	4 33	16 17	6 22
S 31	17n42	22n58	5n16	12n 2	4s46	21n50	0s58	23n14	0n 1	14n27	1s13	18n 5	0s 1	2s 7	0s49	15n18	1s33	15n48	6n13	13s43	13s32	4n36	16n17	6s22

Julian Day Number = 3066429.5, Delta T = 02h34m13s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'34, Lahiri = 47°27'34

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

AUGUST 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 41 58	10♌32'28	3♊39	12°R59	12♋ 3	0♋43	13♉10	8♌ 6	26°R31	17♉ 5	3♍52	23°R 2	23♒33	4♈ 2	12♋51	S 1
M 2	20 45 54	11°29'46	16°29	12♌21	13°15	1°25	13°16	8°14	26♓30	17° 6	3°53	23♒ 1	23°30	4° 8	12°56	M 2
T 3	20 49 51	12°27'04	29°42	11°44	14°27	2° 8	13°22	8°22	26°28	17° 6	3°55	23° 0	23°26	4°15	13° 1	T 3
W 4	20 53 48	13°24'23	13♋19	11° 7	15°39	2°51	13°28	8°29	26°27	17° 7	3°57	22°58	23°23	4°22	13° 6	W 4
T 5	20 57 44	14°21'42	27°19	10°31	16°51	3°33	13°33	8°37	26°25	17° 7	3°58	22°57	23°20	4°28	13°10	T 5
F 6	21 1 41	15°19'01	11♌39	9°58	18° 3	4°16	13°38	8°45	26°24	17° 8	4° 0	22°57	23°17	4°35	13°15	F 6
S 7	21 5 37	16°16'19	26°15	9°27	19°15	4°58	13°44	8°52	26°22	17° 8	4° 2	22°D57	23°14	4°42	13°20	S 7
S 8	21 9 34	17°13'38	10♍59	8°59	20°28	5°41	13°48	9° 0	26°20	17° 8	4° 3	22°57	23°11	4°48	13°25	S 8
M 9	21 13 30	18°10'57	25°46	8°35	21°40	6°23	13°53	9° 8	26°19	17° 9	4° 5	22°57	23° 7	4°55	13°30	M 9
T 10	21 17 27	19° 8'16	10♎28	8°15	22°52	7° 5	13°58	9°16	26°17	17° 9	4° 7	22°58	23° 4	5° 2	13°35	T 10
W11	21 21 23	20° 5'35	25° 0	7°59	24° 5	7°47	14° 2	9°23	26°15	17° 9	4° 9	22°58	23° 1	5° 8	13°39	W11
T 12	21 25 20	21° 2'54	9♏18	7°48	25°17	8°29	14° 7	9°31	26°13	17°10	4°10	22°58	22°58	5°15	13°44	T 12
F 13	21 29 17	22° 0'13	23°18	7°43	26°29	9°11	14°11	9°39	26°12	17°10	4°12	22°R58	22°55	5°22	13°49	F 13
S 14	21 33 13	22°57'32	7♐ 1	7°D42	27°42	9°53	14°14	9°46	26°10	17°10	4°14	22°D58	22°52	5°28	13°53	S 14
S 15	21 37 10	23°54'51	20°26	7°47	28°54	10°35	14°18	9°54	26° 8	17°10	4°15	22°58	22°48	5°35	13°58	S 15
M16	21 41 6	24°52'10	3♑33	7°58	0♌ 7	11°17	14°22	10° 2	26° 6	17°10	4°17	22°58	22°45	5°42	14° 2	M16
T 17	21 45 3	25°49'30	16°26	8°14	1°19	11°58	14°25	10° 9	26° 4	17°10	4°19	22°59	22°42	5°48	14° 7	T 17
W18	21 48 59	26°46'49	29° 4	8°37	2°32	12°40	14°28	10°17	26° 2	17°10	4°21	22°59	22°39	5°55	14°11	W18
T 19	21 52 56	27°44'09	11♒30	9° 5	3°44	13°22	14°31	10°24	26° 0	17°R10	4°22	22°59	22°36	6° 2	14°16	T 19
F 20	21 56 52	28°41'29	23°45	9°39	4°57	14° 3	14°34	10°32	25°58	17°10	4°24	22°R59	22°32	6° 8	14°20	F 20
S 21	22 0 49	29°38'50	5♓51	10°18	6°10	14°45	14°37	10°39	25°56	17°10	4°26	22°59	22°29	6°15	14°24	S 21
S 22	22 4 46	0♍36'12	17°49	11° 4	7°22	15°26	14°39	10°47	25°54	17°10	4°28	22°59	22°26	6°22	14°28	S 22
M23	22 8 42	1°33'34	29°42	11°55	8°35	16° 7	14°41	10°54	25°52	17°10	4°30	22°58	22°23	6°28	14°33	M23
T 24	22 12 39	2°30'56	11♈33	12°52	9°48	16°48	14°43	11° 2	25°50	17°10	4°31	22°56	22°20	6°35	14°37	T 24
W25	22 16 35	3°28'20	23°23	13°54	11° 1	17°30	14°45	11° 9	25°48	17°10	4°33	22°55	22°17	6°42	14°41	W25
T 26	22 20 32	4°25'44	5♉17	15° 2	12°14	18°11	14°47	11°16	25°45	17°10	4°35	22°54	22°13	6°49	14°45	T 26
F 27	22 24 28	5°23'10	17°17	16°15	13°27	18°52	14°48	11°24	25°43	17° 9	4°37	22°52	22°10	6°55	14°49	F 27
S 28	22 28 25	6°20'36	29°29	17°34	14°40	19°33	14°49	11°31	25°41	17° 9	4°38	22°52	22° 7	7° 2	14°53	S 28
S 29	22 32 21	7°18'04	11♊56	18°57	15°53	20°13	14°50	11°38	25°39	17° 9	4°40	22°D52	22° 4	7° 9	14°57	S 29
M30	22 36 18	8°15'32	24°42	20°25	17° 6	20°54	14°51	11°46	25°37	17° 9	4°42	22°52	22° 1	7°15	15° 1	M30
T 31	22 40 14	9♍13'02	7♋51	21♌58	18♌19	21♋35	14♉52	11♌53	25♓34	17♉ 8	4♍44	22♒53	21♒58	7♈22	15♋ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n26	25n47	5n11	12n 5	4s53	21n46	0s55	23n15	0n 2	14n29	1s13	18n 3	0s 1	2s 8	0s49	15n18	1s33	15n48	6n13	13s43	13s33	4n40	16n16	6s22
M 2	17 11	27 22	4 50	12 9	4 59	21 42	0 52	23 15	0 2	14 31	1 14	18 2	0 1	2 8	0 50	15 18	1 33	15 47	6 13	13 43	13 34	4 43	16 15	6 23
T 3	16 55	27 27	4 14	12 15	5 3	21 38	0 50	23 16	0 3	14 32	1 14	18 0	0 1	2 9	0 50	15 18	1 33	15 46	6 13	13 44	13 35	4 46	16 15	6 23
W 4	16 39	25 55	3 22	12 23	5 6	21 32	0 47	23 16	0 4	14 33	1 14	17 58	0 1	2 10	0 50	15 18	1 33	15 46	6 13	13 44	13 36	4 49	16 14	6 23
T 5	16 23	22 45	2 17	12 31	5 6	21 27	0 44	23 15	0 5	14 35	1 14	17 56	0 1	2 10	0 50	15 18	1 33	15 45	6 13	13 45	13 37	4 53	16 13	6 23
F 6	16 6	18 8	1 2	12 41	5 6	21 20	0 41	23 15	0 6	14 36	1 15	17 54	0 1	2 11	0 50	15 18	1 33	15 45	6 13	13 45	13 38	4 56	16 12	6 24
S 7	15 49	12 22	0s18	12 51	5 3	21 13	0 39	23 14	0 6	14 38	1 15	17 52	0 1	2 12	0 50	15 18	1 33	15 44	6 13	13 45	13 39	4 59	16 12	6 24
S 8	15 32	5 52	1 38	13 2	4 59	21 6	0 36	23 13	0 7	14 39	1 15	17 50	0 1	2 12	0 50	15 18	1 33	15 43	6 13	13 45	13 40	5 2	16 11	6 24
M 9	15 15	0s58	2 52	13 13	4 54	20 57	0 33	23 12	0 8	14 40	1 15	17 48	0 1	2 13	0 50	15 19	1 33	15 43	6 13	13 45	13 41	5 6	16 10	6 25
T 10	14 57	7 42	3 54	13 25	4 47	20 48	0 30	23 11	0 9	14 41	1 16	17 46	0 1	2 14	0 50	15 19	1 33	15 42	6 13	13 44	13 42	5 9	16 9	6 25
W11	14 39	13 57	4 40	13 37	4 38	20 39	0 27	23 10	0 10	14 42	1 16	17 44	0 1	2 14	0 50	15 19	1 33	15 42	6 13	13 44	13 43	5 12	16 8	6 25
T 12	14 21	19 20	5 8	13 49	4 29	20 29	0 25	23 8	0 10	14 43	1 16	17 42	0 0	2 15	0 50	15 19	1 34	15 41	6 13	13 44	13 44	5 15	16 8	6 26
F 13	14 3	23 33	5 17	14 1	4 18	20 19	0 22	23 6	0 11	14 44	1 16	17 40	0 0	2 16	0 50	15 19	1 34	15 40	6 13	13 44	13 45	5 19	16 7	6 26
S 14	13 45	26 21	5 8	14 12	4 6	20 7	0 19	23 4	0 12	14 45	1 16	17 38	0 0	2 17	0 50	15 19	1 34	15 40	6 13	13 44	13 46	5 22	16 6	6 26
S 15	13 26	27 34	4 42	14 23	3 54	19 56	0 16	23 1	0 13	14 46	1 17	17 36	0 0	2 17	0 50	15 19	1 34	15 39	6 13	13 44	13 47	5 25	16 5	6 27
M16	13 7	27 12	4 1	14 34	3 40	19 43	0 14	22 59	0 14	14 47	1 17	17 34	0 0	2 18	0 50	15 19	1 34	15 39	6 13	13 44	13 48	5 28	16 4	6 27
T 17	12 48	25 21	3 9	14 43	3 26	19 31	0 11	22 56	0 15	14 47	1 17	17 33	0 0	2 19	0 50	15 19	1 34	15 38	6 13	13 44	13 50	5 31	16 4	6 27
W18	12 29	22 16	2 9	14 52	3 12	19 17	0 8	22 53	0 15	14 48	1 17	17 31	0n 0	2 20	0 50	15 19	1 34	15 37	6 13	13 44	13 51	5 35	16 3	6 28
T 19	12 9	18 12	1 3	14 59	2 57	19 3	0 5	22 50	0 16	14 49	1 18	17 29	0 0	2 20	0 50	15 18	1 34	15 37	6 13	13 44	13 52	5 38	16 2	6 28
F 20	11 49	13 25	0n 4	15 5	2 41	18 49	0 3	22 46	0 17	14 49	1 18	17 27	0 0	2 21	0 50	15 18	1 34	15 36	6 13	13 44	13 53	5 41	16 1	6 29
S 21	11 30	8 11	1 11	15 10	2 26	18 34	0n 0	22 43	0 18	14 50	1 18	17 25	0 0	2 22	0 50	15 18	1 34	15 36	6 13	13 44	13 54	5 44	16 0	6 29
S 22	11 10	2 43	2 13	15 13	2 10	18 19	0 3	22 39	0 19	14 50	1 18	17 23	0 0	2 23	0 50	15 18	1 34	15 35	6 13	13 44	13 55	5 48	16 0	6 29
M23	10 49	2n47	3 10	15 14	1 54	18 3	0 6	22 35	0 20	14 51	1 19	17 21	0 1	2 24	0 50	15 18	1 34	15 34	6 13	13 44	13 56	5 51	15 59	6 30
T 24	10 29	8 11	3 58	15 13	1 38	17 46	0 8	22 31	0 20	14 51	1 19	17 19	0 1	2 25	0 50	15 18	1 34	15 34	6 14	13 45	13 57	5 54	15 58	6 30
W25	10 9	13 16	4 35	15 11	1 23	17 29	0 11	22 27	0 21	14 51	1 19	17 17	0 1	2 26	0 50	15 18	1 34	15 33	6 14	13 45	13 58	5 57	15 57	6 31
T 26	9 48	17 54	5 2	15 6	1 7	17 12	0 13	22 22	0 22	14 52	1 19	17 15	0 1	2 26	0 50	15 18	1 34	15 33	6 14	13 46	13 59	6 0	15 56	6 31
F 27	9 27	21 52	5 15	14 59	0 52	16 54	0 16	22 17	0 23	14 52	1 20	17 13	0 1	2 27	0 50	15 18	1 34	15 32	6 14	13 46	14 0	6 4	15 55	6 31
S 28	9 6	24 58	5 14	14 50	0 38	16 35	0 19	22 13	0 24	14 52	1 20	17 11	0 1	2 28	0 50	15 18	1 34	15 31	6 14	13 46	14 1	6 7	15 54	6 32
S 29	8 45	26 57	4 59	14 38	0 23	16 16	0 21	22 7	0 25	14 52	1 20	17 9	0 1	2 29	0 50	15 18	1 34	15 31	6 14	13 46	14 2	6 10	15 54	6 32
M30	8 24	27 36	4 29	14 24	0 10	15 57	0 24	22 2	0 25	14 52	1 20	17 7	0 1	2 30	0 50	15 17	1 35	15 30	6 14	13 46	14 3	6 13	15 53	6 33
T 31	8n 3	26n43	3n44	14n 7	0n 4	15n37	0n26	21n57	0n26	14n52	1s21	17n 6	0n 1	2s31	0s50	15n17	1s35	15n30	6n14	13s46	14s 4	6n16	15n52	6s33

Julian Day Number = 3066460.5, Delta T = 02h34m14s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'38, Lahiri = 47°27'38

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

SEPTEMBER 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 44 11	10♍10'33	21♋26	23♌35	19♌32	22♋15	14♉52	12♌ 0	25°R32	17°R 8	4♍45	22♒55	21♒54	7♈29	15♋ 9	W 1
T 2	22 48 8	11° 8'05	5♌28	25°16	20°45	22°56	14°53	12° 7	25♓30	17♉ 7	4°47	22°56	21°51	7°35	15°12	T 2
F 3	22 52 4	12° 5'38	19°54	27° 0	21°58	23°36	14°R53	12°14	25°27	17° 7	4°49	22°R56	21°48	7°42	15°16	F 3
S 4	22 56 1	13° 3'12	4♍42	28°49	23°12	24°17	14°52	12°21	25°25	17° 6	4°51	22°56	21°45	7°49	15°20	S 4
S 5	22 59 57	14° 0'47	19°44	0♍40	24°25	24°57	14°52	12°28	25°23	17° 6	4°52	22°55	21°42	7°55	15°23	S 5
M 6	23 3 54	14°58'23	4♎51	2°34	25°38	25°37	14°52	12°35	25°20	17° 5	4°54	22°52	21°38	8° 2	15°27	M 6
T 7	23 7 50	15°56'00	19°55	4°30	26°51	26°18	14°51	12°42	25°18	17° 5	4°56	22°49	21°35	8° 9	15°30	T 7
W 8	23 11 47	16°53'37	4♏47	6°27	28° 5	26°58	14°50	12°49	25°16	17° 4	4°58	22°46	21°32	8°15	15°34	W 8
T 9	23 15 43	17°51'16	19°19	8°27	29°18	27°38	14°49	12°56	25°13	17° 4	4°59	22°44	21°29	8°22	15°37	T 9
F 10	23 19 40	18°48'55	3♐28	10°27	0♍32	28°17	14°47	13° 3	25°11	17° 3	5° 1	22°42	21°26	8°29	15°40	F 10
S 11	23 23 37	19°46'36	17°11	12°29	1°45	28°57	14°46	13°10	25° 9	17° 2	5° 3	22°D41	21°23	8°35	15°43	S 11
S 12	23 27 33	20°44'17	0♑31	14°30	2°59	29°37	14°44	13°16	25° 6	17° 1	5° 5	22°41	21°19	8°42	15°47	S 12
M13	23 31 30	21°41'59	13°29	16°32	4°12	0♌17	14°42	13°23	25° 4	17° 1	5° 6	22°42	21°16	8°49	15°50	M13
T 14	23 35 26	22°39'42	26° 7	18°34	5°26	0°56	14°40	13°30	25° 1	17° 0	5° 8	22°44	21°13	8°56	15°53	T 14
W15	23 39 23	23°37'26	8♒31	20°35	6°39	1°36	14°38	13°36	24°59	16°59	5°10	22°46	21°10	9° 2	15°56	W15
T 16	23 43 19	24°35'11	20°43	22°36	7°53	2°15	14°35	13°43	24°57	16°58	5°11	22°R46	21° 7	9° 9	15°59	T 16
F 17	23 47 16	25°32'57	2♓45	24°36	9° 7	2°54	14°32	13°49	24°54	16°57	5°13	22°46	21° 4	9°16	16° 2	F 17
S 18	23 51 12	26°30'44	14°42	26°36	10°20	3°34	14°29	13°56	24°52	16°56	5°15	22°44	21° 0	9°22	16° 4	S 18
S 19	23 55 9	27°28'33	26°35	28°34	11°34	4°13	14°26	14° 2	24°49	16°56	5°16	22°40	20°57	9°29	16° 7	S 19
M20	23 59 6	28°26'22	8♈25	0♎31	12°48	4°52	14°23	14° 8	24°47	16°55	5°18	22°35	20°54	9°36	16°10	M20
T 21	0 3 2	29°24'14	20°16	2°27	14° 2	5°31	14°20	14°15	24°45	16°54	5°20	22°29	20°51	9°42	16°12	T 21
W22	0 6 59	0♎22'06	2♉ 8	4°22	15°15	6°10	14°16	14°21	24°42	16°53	5°21	22°22	20°48	9°49	16°15	W22
T 23	0 10 55	1°20'01	14° 5	6°16	16°29	6°48	14°12	14°27	24°40	16°52	5°23	22°15	20°44	9°56	16°17	T 23
F 24	0 14 52	2°17'57	26° 8	8° 9	17°43	7°27	14° 8	14°33	24°38	16°50	5°25	22° 9	20°41	10° 2	16°20	F 24
S 25	0 18 48	3°15'54	8♊21	10° 0	18°57	8° 6	14° 4	14°39	24°35	16°49	5°26	22° 4	20°38	10° 9	16°22	S 25
S 26	0 22 45	4°13'54	20°46	11°50	20°11	8°44	14° 0	14°45	24°33	16°48	5°28	22° 2	20°35	10°16	16°24	S 26
M27	0 26 41	5°11'55	3♋28	13°39	21°25	9°23	13°55	14°51	24°30	16°47	5°29	22°D 1	20°32	10°22	16°26	M27
T 28	0 30 38	6° 9'58	16°31	15°26	22°39	10° 1	13°50	14°57	24°28	16°46	5°31	22° 1	20°29	10°29	16°29	T 28
W29	0 34 35	7° 8'03	29°58	17°13	23°53	10°39	13°45	15° 3	24°26	16°45	5°33	22° 2	20°25	10°36	16°31	W29
T 30	0 38 31	8♎ 6'09	13♌52	18♎58	25♍ 7	11♌17	13♉40	15♌ 8	24♓24	16♉44	5♍34	22♒ 3	20♒22	10♈43	16♋33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n41	24n15	2n45	13n48	0n16	15n17	0n29	21n51	0n27	14n52	1s21	17n 4	0n 1	2s32	0s50	15n17	1s35	15n29	6n14	13s45	14s 5	6n20	15n51	6s34
T 2	7 20	20 16	1 35	13 26	0 28	14 56	0 31	21 45	0 28	14 52	1 21	17 2	0 1	2 33	0 50	15 17	1 35	15 29	6 14	13 45	14 6	6 23	15 50	6 34
F 3	6 58	14 59	0 17	13 1	0 39	14 35	0 33	21 39	0 29	14 52	1 21	17 0	0 1	2 34	0 50	15 17	1 35	15 28	6 14	13 45	14 7	6 26	15 49	6 35
S 4	6 36	8 42	1s 4	12 34	0 50	14 14	0 36	21 33	0 30	14 51	1 22	16 58	0 2	2 34	0 50	15 17	1 35	15 27	6 14	13 45	14 8	6 29	15 48	6 35
S 5	6 14	1 51	2 22	12 4	0 59	13 52	0 38	21 27	0 31	14 51	1 22	16 56	0 2	2 35	0 50	15 16	1 35	15 27	6 14	13 45	14 9	6 32	15 48	6 36
M 6	5 52	5s 9	3 31	11 32	1 8	13 30	0 40	21 21	0 31	14 51	1 22	16 54	0 2	2 36	0 50	15 16	1 35	15 26	6 15	13 46	14 10	6 35	15 47	6 36
T 7	5 30	11 48	4 24	10 57	1 15	13 7	0 43	21 14	0 32	14 50	1 22	16 52	0 2	2 37	0 50	15 16	1 35	15 26	6 15	13 47	14 11	6 39	15 46	6 37
W 8	5 8	17 41	4 59	10 20	1 22	12 44	0 45	21 7	0 33	14 50	1 22	16 51	0 2	2 38	0 50	15 16	1 35	15 25	6 15	13 48	14 12	6 42	15 45	6 37
T 9	4 46	22 26	5 14	9 42	1 28	12 21	0 47	21 0	0 34	14 49	1 23	16 49	0 2	2 39	0 50	15 15	1 35	15 25	6 15	13 49	14 13	6 45	15 44	6 38
F 10	4 23	25 42	5 9	9 1	1 33	11 57	0 49	20 53	0 35	14 48	1 23	16 47	0 2	2 40	0 50	15 15	1 35	15 24	6 15	13 50	14 14	6 48	15 43	6 38
S 11	4 1	27 22	4 46	8 19	1 37	11 33	0 51	20 46	0 36	14 48	1 23	16 45	0 2	2 41	0 50	15 15	1 35	15 24	6 15	13 50	14 15	6 51	15 42	6 39
S 12	3 38	27 22	4 8	7 35	1 40	11 9	0 53	20 39	0 37	14 47	1 23	16 43	0 2	2 42	0 50	15 15	1 35	15 23	6 15	13 50	14 16	6 55	15 42	6 39
M13	3 16	25 51	3 19	6 51	1 43	10 44	0 55	20 31	0 38	14 46	1 24	16 41	0 2	2 43	0 50	15 14	1 35	15 23	6 15	13 49	14 17	6 58	15 41	6 40
T 14	2 53	23 3	2 21	6 5	1 44	10 19	0 57	20 24	0 38	14 45	1 24	16 40	0 2	2 44	0 50	15 14	1 35	15 22	6 15	13 49	14 18	7 1	15 40	6 40
W15	2 31	19 13	1 17	5 18	1 45	9 54	0 59	20 16	0 39	14 45	1 24	16 38	0 3	2 45	0 50	15 14	1 35	15 21	6 16	13 48	14 19	7 4	15 39	6 41
T 16	2 8	14 38	0 11	4 31	1 45	9 29	1 1	20 8	0 40	14 44	1 24	16 36	0 3	2 46	0 50	15 14	1 35	15 21	6 16	13 48	14 20	7 7	15 38	6 41
F 17	1 45	9 33	0n54	3 43	1 44	9 3	1 2	20 0	0 41	14 43	1 24	16 34	0 3	2 47	0 50	15 13	1 35	15 20	6 16	13 48	14 21	7 10	15 37	6 42
S 18	1 22	4 10	1 57	2 55	1 43	8 37	1 4	19 52	0 42	14 42	1 25	16 33	0 3	2 48	0 50	15 13	1 35	15 20	6 16	13 49	14 22	7 14	15 36	6 42
S 19	1 0	1n19	2 54	2 6	1 41	8 11	1 6	19 44	0 43	14 41	1 25	16 31	0 3	2 49	0 50	15 13	1 36	15 19	6 16	13 50	14 23	7 17	15 36	6 43
M20	0 37	6 44	3 43	1 18	1 38	7 44	1 7	19 35	0 44	14 39	1 25	16 29	0 3	2 49	0 50	15 12	1 36	15 19	6 16	13 52	14 24	7 20	15 35	6 43
T 21	0 14	11 54	4 23	0 29	1 35	7 17	1 9	19 27	0 45	14 38	1 25	16 27	0 3	2 50	0 50	15 12	1 36	15 19	6 16	13 54	14 25	7 23	15 34	6 44
W22	0s 9	16 40	4 51	0s19	1 31	6 51	1 10	19 18	0 46	14 37	1 25	16 26	0 3	2 51	0 50	15 12	1 36	15 18	6 16	13 56	14 26	7 26	15 33	6 45
T 23	0 32	20 48	5 6	1 8	1 27	6 23	1 12	19 9	0 46	14 36	1 26	16 24	0 3	2 52	0 50	15 12	1 36	15 18	6 17	13 58	14 27	7 29	15 32	6 45
F 24	0 54	24 7	5 9	1 56	1 23	5 56	1 13	19 0	0 47	14 34	1 26	16 22	0 3	2 53	0 50	15 11	1 36	15 17	6 17	14 0	14 28	7 32	15 31	6 46
S 25	1 17	26 24	4 57	2 44	1 18	5 29	1 14	18 51	0 48	14 33	1 26	16 21	0 3	2 54	0 50	15 11	1 36	15 17	6 17	14 2	14 29	7 36	15 30	6 46
S 26	1 40	27 26	4 32	3 31	1 13	5 1	1 16	18 42	0 49	14 31	1 26	16 19	0 4	2 55	0 50	15 10	1 36	15 16	6 17	14 3	14 30	7 39	15 30	6 47
M27	2 3	27 3	3 52	4 18	1 7	4 33	1 17	18 33	0 50	14 30	1 26	16 17	0 4	2 56	0 50	15 10	1 36	15 16	6 17	14 3	14 31	7 42	15 29	6 47
T 28	2 26	25 12	3 0	5 5	1 1	4 5	1 18	18 24	0 51	14 28	1 27	16 16	0 4	2 57	0 50	15 10	1 36	15 15	6 17	14 3	14 32	7 45	15 28	6 48
W29	2 48	21 52	1 57	5 51	0 55	3 37	1 19	18 14	0 52	14 27	1 27	16 14	0 4	2 58	0 50	15 9	1 36	15 15	6 18	14 2	14 33	7 48	15 27	6 49
T 30	3s11	17n13	0n44	6s36	0n49	3n 9	1n20	18n 5	0n53	14n25	1s27	16n13	0n 4	2s59	0s50	15n 9	1s36	15n14	6n18	14s 2	14s34	7n51	15n26	6s49

Julian Day Number = 3066491.5, Delta T = 02h34m15s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'42, Lahiri = 47°27'43

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

OCTOBER 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 42 28	9♎ 4'18	28♌12	20♎41	26♍21	11♌56	13°R35	15♌14	24°R21	16°R42	5♍36	22°R 3	20♒19	10♈49	16♋34	F 1
S 2	0 46 24	10° 2'28	12♍57	22°24	27°36	12°34	13♉30	15°20	24♓19	16♉41	5°37	22♒ 2	20°16	10°56	16°36	S 2
S 3	0 50 21	11° 0'40	28° 2	24° 5	28°50	13°11	13°24	15°25	24°17	16°40	5°39	21°58	20°13	11° 3	16°38	S 3
M 4	0 54 17	11°58'53	13♎17	25°46	0♎ 4	13°49	13°18	15°31	24°14	16°39	5°40	21°52	20° 9	11° 9	16°40	M 4
T 5	0 58 14	12°57'08	28°33	27°25	1°18	14°27	13°13	15°36	24°12	16°37	5°42	21°45	20° 6	11°16	16°41	T 5
W 6	1 2 10	13°55'25	13♏39	29° 3	2°33	15° 4	13° 7	15°41	24°10	16°36	5°43	21°37	20° 3	11°23	16°43	W 6
T 7	1 6 7	14°53'44	28°25	0♏39	3°47	15°42	13° 0	15°47	24° 8	16°35	5°45	21°29	20° 0	11°29	16°44	T 7
F 8	1 10 3	15°52'04	12♐45	2°15	5° 1	16°19	12°54	15°52	24° 6	16°33	5°46	21°23	19°57	11°36	16°46	F 8
S 9	1 14 0	16°50'25	26°36	3°50	6°15	16°57	12°48	15°57	24° 3	16°32	5°47	21°19	19°54	11°43	16°47	S 9
S 10	1 17 57	17°48'48	9♑59	5°23	7°30	17°34	12°41	16° 2	24° 1	16°30	5°49	21°18	19°50	11°49	16°48	S 10
M11	1 21 53	18°47'12	22°55	6°56	8°44	18°11	12°35	16° 7	23°59	16°29	5°50	21°D17	19°47	11°56	16°49	M11
T 12	1 25 50	19°45'38	5♒29	8°27	9°59	18°48	12°28	16°11	23°57	16°28	5°52	21°18	19°44	12° 3	16°50	T 12
W13	1 29 46	20°44'05	17°46	9°57	11°13	19°25	12°21	16°16	23°55	16°26	5°53	21°R19	19°41	12°10	16°51	W13
T 14	1 33 43	21°42'34	29°50	11°26	12°27	20° 1	12°14	16°21	23°53	16°25	5°54	21°18	19°38	12°16	16°52	T 14
F 15	1 37 39	22°41'04	11♓45	12°54	13°42	20°38	12° 7	16°25	23°51	16°23	5°55	21°16	19°35	12°23	16°53	F 15
S 16	1 41 36	23°39'36	23°36	14°21	14°56	21°15	11°59	16°30	23°49	16°22	5°57	21°12	19°31	12°30	16°54	S 16
S 17	1 45 32	24°38'10	5♈26	15°47	16°11	21°51	11°52	16°34	23°47	16°20	5°58	21° 4	19°28	12°36	16°54	S 17
M18	1 49 29	25°36'45	17°17	17°12	17°25	22°27	11°45	16°39	23°45	16°19	5°59	20°55	19°25	12°43	16°55	M18
T 19	1 53 26	26°35'22	29°11	18°35	18°40	23° 4	11°37	16°43	23°43	16°17	6° 1	20°43	19°22	12°50	16°55	T 19
W20	1 57 22	27°34'01	11♉ 9	19°58	19°55	23°40	11°30	16°47	23°41	16°16	6° 2	20°30	19°19	12°56	16°56	W20
T 21	2 1 19	28°32'42	23°13	21°19	21° 9	24°16	11°22	16°51	23°40	16°14	6° 3	20°18	19°15	13° 3	16°56	T 21
F 22	2 5 15	29°31'25	5♊23	22°39	22°24	24°51	11°14	16°55	23°38	16°12	6° 4	20° 7	19°12	13°10	16°57	F 22
S 23	2 9 12	0♏30'10	17°43	23°58	23°38	25°27	11° 7	16°59	23°36	16°11	6° 5	19°58	19° 9	13°16	16°57	S 23
S 24	2 13 8	1°28'58	0♋13	25°15	24°53	26° 3	10°59	17° 3	23°34	16° 9	6° 6	19°51	19° 6	13°23	16°57	S 24
M25	2 17 5	2°27'47	12°57	26°31	26° 8	26°38	10°51	17° 7	23°33	16° 8	6° 8	19°47	19° 3	13°30	16°R57	M25
T 26	2 21 1	3°26'39	25°57	27°45	27°22	27°14	10°43	17°10	23°31	16° 6	6° 9	19°46	19° 0	13°37	16°57	T 26
W27	2 24 58	4°25'32	9♌18	28°58	28°37	27°49	10°35	17°14	23°29	16° 4	6°10	19°D46	18°56	13°43	16°57	W27
T 28	2 28 55	5°24'28	23° 1	0♐ 9	29°52	28°24	10°27	17°17	23°28	16° 3	6°11	19°R46	18°53	13°50	16°57	T 28
F 29	2 32 51	6°23'26	7♍ 8	1°19	1♏ 7	28°59	10°19	17°21	23°26	16° 1	6°12	19°45	18°50	13°57	16°56	F 29
S 30	2 36 48	7°22'26	21°39	2°26	2°21	29°34	10°11	17°24	23°25	15°59	6°13	19°42	18°47	14° 3	16°56	S 30
S 31	2 40 44	8♏21'29	6♎31	3♐32	3♏36	0♍ 9	10♉ 3	17♌27	23♓23	15♉58	6♍14	19♒36	18♒44	14♈10	16♋55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s34	11n28	0s33	7s21	0n42	2n40	1n21	17n55	0n54	14n23	1s27	16n11	0n 4	3s 0	0s50	15n 9	1s36	15n14	6n18	14s 2	14s35	7n54	15n26	6s50
S 2	3 57	4 56	1 50	8 5	0 36	2 12	1 22	17 46	0 55	14 22	1 27	16 10	0 4	3 0	0 50	15 8	1 36	15 14	6 18	14 3	14 36	7 58	15 25	6 50
S 3	4 19	2s 0	3 1	8 49	0 29	1 44	1 23	17 36	0 55	14 20	1 27	16 8	0 4	3 1	0 50	15 8	1 36	15 13	6 18	14 4	14 37	8 1	15 24	6 51
M 4	4 42	8 53	4 0	9 32	0 22	1 15	1 23	17 26	0 56	14 18	1 28	16 7	0 4	3 2	0 50	15 7	1 36	15 13	6 18	14 6	14 38	8 4	15 23	6 52
T 5	5 4	15 15	4 42	10 14	0 14	0 46	1 24	17 16	0 57	14 16	1 28	16 5	0 4	3 3	0 50	15 7	1 36	15 12	6 19	14 8	14 39	8 7	15 22	6 52
W 6	5 27	20 37	5 3	10 56	0 7	0 18	1 24	17 6	0 58	14 14	1 28	16 4	0 4	3 4	0 50	15 7	1 36	15 12	6 19	14 10	14 40	8 10	15 22	6 53
T 7	5 49	24 34	5 4	11 36	0s 0	0s11	1 25	16 56	0 59	14 12	1 28	16 2	0 5	3 5	0 50	15 6	1 36	15 12	6 19	14 13	14 41	8 13	15 21	6 53
F 8	6 11	26 51	4 45	12 16	0 8	0 40	1 25	16 46	1 0	14 10	1 28	16 1	0 5	3 6	0 50	15 6	1 36	15 11	6 19	14 15	14 42	8 16	15 20	6 54
S 9	6 34	27 21	4 11	12 56	0 16	1 9	1 26	16 35	1 1	14 8	1 28	15 59	0 5	3 6	0 50	15 5	1 36	15 11	6 19	14 16	14 43	8 19	15 19	6 55
S 10	6 56	26 13	3 23	13 34	0 23	1 38	1 26	16 25	1 2	14 6	1 28	15 58	0 5	3 7	0 50	15 5	1 36	15 11	6 19	14 17	14 44	8 22	15 19	6 55
M11	7 18	23 42	2 26	14 11	0 31	2 6	1 26	16 15	1 3	14 4	1 28	15 57	0 5	3 8	0 50	15 5	1 36	15 10	6 20	14 17	14 45	8 26	15 18	6 56
T 12	7 40	20 5	1 24	14 48	0 39	2 35	1 27	16 4	1 4	14 2	1 29	15 55	0 5	3 9	0 50	15 4	1 36	15 10	6 20	14 16	14 46	8 29	15 17	6 56
W13	8 2	15 40	0 19	15 24	0 46	3 4	1 27	15 54	1 5	14 0	1 29	15 54	0 5	3 10	0 50	15 4	1 36	15 10	6 20	14 16	14 47	8 32	15 16	6 57
T 14	8 23	10 43	0n45	15 59	0 54	3 33	1 27	15 43	1 6	13 58	1 29	15 53	0 5	3 10	0 50	15 3	1 36	15 9	6 20	14 16	14 48	8 35	15 16	6 58
F 15	8 45	5 26	1 47	16 33	1 2	4 1	1 27	15 32	1 7	13 55	1 29	15 51	0 5	3 11	0 50	15 3	1 36	15 9	6 20	14 17	14 49	8 38	15 15	6 58
S 16	9 6	0 1	2 43	17 6	1 9	4 30	1 27	15 22	1 8	13 53	1 29	15 50	0 5	3 12	0 50	15 2	1 36	15 9	6 21	14 18	14 50	8 41	15 14	6 59
S 17	9 28	5n24	3 32	17 39	1 17	4 58	1 27	15 11	1 9	13 51	1 29	15 49	0 6	3 13	0 50	15 2	1 36	15 8	6 21	14 21	14 51	8 44	15 14	7 0
M18	9 49	10 37	4 12	18 10	1 24	5 27	1 26	15 0	1 10	13 49	1 29	15 48	0 6	3 13	0 50	15 1	1 37	15 8	6 21	14 24	14 52	8 47	15 13	7 0
T 19	10 10	15 28	4 41	18 40	1 32	5 55	1 26	14 49	1 11	13 46	1 29	15 47	0 6	3 14	0 50	15 1	1 37	15 8	6 21	14 28	14 53	8 50	15 12	7 1
W20	10 31	19 45	4 58	19 10	1 39	6 23	1 26	14 38	1 12	13 44	1 29	15 45	0 6	3 15	0 50	15 1	1 37	15 8	6 21	14 31	14 54	8 53	15 12	7 1
T 21	10 52	23 16	5 1	19 38	1 46	6 51	1 25	14 27	1 12	13 41	1 29	15 44	0 6	3 16	0 50	15 0	1 37	15 7	6 22	14 35	14 55	8 56	15 11	7 2
F 22	11 12	25 47	4 51	20 6	1 53	7 19	1 25	14 16	1 13	13 39	1 29	15 43	0 6	3 16	0 50	15 0	1 37	15 7	6 22	14 39	14 56	9 0	15 10	7 3
S 23	11 33	27 6	4 28	20 32	2 0	7 47	1 24	14 5	1 14	13 37	1 29	15 42	0 6	3 17	0 50	14 59	1 37	15 7	6 22	14 42	14 57	9 3	15 10	7 3
S 24	11 53	27 4	3 51	20 58	2 7	8 15	1 24	13 54	1 15	13 34	1 29	15 41	0 6	3 18	0 50	14 59	1 37	15 7	6 22	14 44	14 58	9 6	15 9	7 4
M25	12 13	25 37	3 2	21 22	2 14	8 42	1 23	13 43	1 16	13 32	1 29	15 40	0 6	3 18	0 50	14 58	1 37	15 6	6 22	14 45	14 59	9 9	15 8	7 5
T 26	12 33	22 47	2 3	21 46	2 20	9 10	1 23	13 32	1 17	13 29	1 29	15 39	0 6	3 19	0 50	14 58	1 37	15 6	6 23	14 45	15 0	9 12	15 8	7 5
W27	12 53	18 39	0 55	22 8	2 27	9 37	1 22	13 21	1 18	13 27	1 29	15 38	0 7	3 19	0 50	14 57	1 37	15 6	6 23	14 45	15 1	9 15	15 7	7 6
T 28	13 12	13 27	0s17	22 29	2 33	10 4	1 21	13 10	1 19	13 24	1 29	15 37	0 7	3 20	0 50	14 57	1 37	15 6	6 23	14 45	15 2	9 18	15 7	7 6
F 29	13 32	7 25	1 31	22 49	2 38	10 30	1 20	12 59	1 20	13 22	1 29	15 36	0 7	3 21	0 50	14 56	1 37	15 6	6 23	14 46	15 3	9 21	15 6	7 7
S 30	13 51	0 50	2 40	23 8	2 44	10 57	1 19	12 48	1 21	13 20	1 29	15 35	0 7	3 21	0 49	14 56	1 37	15 5	6 23	14 47	15 4	9 24	15 5	7 8
S 31	14s10	5s57	3s40	23s26	2s49	11s23	1n18	12n36	1n22	13n17	1s29	15n35	0n 7	3s22	0s49	14n55	1s37	15n 5	6n24	14s48	15s 5	9n27	15n 5	7s 8

Julian Day Number = 3066521.5, Delta T = 02h34m15s
Ecliptic obliquity = 23°13'30, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'46, Lahiri = 47°27'47

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

NOVEMBER 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 44 41	9♏20'33	21♎37	4♐35	4♏51	0♍43	9°R55	17♌30	23°R22	15°R56	6♍15	19°R28	18♒41	14♈17	16°R55	M 1
T 2	2 48 37	10°19'40	6♏49	5°36	6° 6	1°18	9♉47	17°33	23♓20	15♉54	6°16	19♒17	18°37	14°23	16♋54	T 2
W 3	2 52 34	11°18'49	21°55	6°34	7°21	1°52	9°39	17°36	23°19	15°53	6°17	19° 6	18°34	14°30	16°54	W 3
T 4	2 56 30	12°17'59	6♐45	7°30	8°36	2°27	9°30	17°39	23°18	15°51	6°17	18°55	18°31	14°37	16°53	T 4
F 5	3 0 27	13°17'12	21°12	8°22	9°50	3° 1	9°22	17°41	23°16	15°49	6°18	18°46	18°28	14°44	16°52	F 5
S 6	3 4 24	14°16'26	5♑10	9°11	11° 5	3°35	9°14	17°44	23°15	15°48	6°19	18°39	18°25	14°50	16°51	S 6
S 7	3 8 20	15°15'42	18°38	9°56	12°20	4° 8	9° 6	17°46	23°14	15°46	6°20	18°34	18°21	14°57	16°50	S 7
M 8	3 12 17	16°15'00	1♒38	10°38	13°35	4°42	8°58	17°49	23°13	15°44	6°21	18°33	18°18	15° 4	16°49	M 8
T 9	3 16 13	17°14'19	14°14	11°14	14°50	5°15	8°50	17°51	23°12	15°43	6°21	18°32	18°15	15°10	16°48	T 9
W10	3 20 10	18°13'40	26°30	11°46	16° 5	5°49	8°43	17°53	23°10	15°41	6°22	18°32	18°12	15°17	16°47	W10
T 11	3 24 6	19°13'02	8♓33	12°12	17°20	6°22	8°35	17°55	23° 9	15°39	6°23	18°31	18° 9	15°24	16°45	T 11
F 12	3 28 3	20°12'26	20°27	12°33	18°35	6°55	8°27	17°57	23° 8	15°38	6°24	18°28	18° 6	15°30	16°44	F 12
S 13	3 31 59	21°11'52	2♈16	12°47	19°50	7°28	8°19	17°59	23° 8	15°36	6°24	18°23	18° 2	15°37	16°42	S 13
S 14	3 35 56	22°11'19	14° 6	12°R54	21° 5	8° 1	8°12	18° 0	23° 7	15°34	6°25	18°15	17°59	15°44	16°41	S 14
M15	3 39 53	23°10'49	26° 0	12°54	22°20	8°33	8° 4	18° 2	23° 6	15°33	6°26	18° 4	17°56	15°51	16°39	M15
T 16	3 43 49	24°10'20	7♉59	12°46	23°35	9° 6	7°57	18° 4	23° 5	15°31	6°26	17°51	17°53	15°57	16°38	T 16
W17	3 47 46	25° 9'53	20° 5	12°29	24°50	9°38	7°49	18° 5	23° 4	15°29	6°27	17°37	17°50	16° 4	16°36	W17
T 18	3 51 42	26° 9'28	2♊20	12° 4	26° 5	10°10	7°42	18° 6	23° 4	15°28	6°27	17°23	17°47	16°11	16°34	T 18
F 19	3 55 39	27° 9'05	14°44	11°29	27°20	10°42	7°35	18° 7	23° 3	15°26	6°28	17°10	17°43	16°17	16°32	F 19
S 20	3 59 35	28° 8'44	27°18	10°46	28°35	11°13	7°28	18° 8	23° 2	15°25	6°28	17° 0	17°40	16°24	16°30	S 20
S 21	4 3 32	29° 8'25	10♋ 1	9°54	29°50	11°45	7°21	18° 9	23° 2	15°23	6°29	16°52	17°37	16°31	16°28	S 21
M22	4 7 28	0♐ 8'08	22°56	8°54	1♐ 5	12°16	7°14	18°10	23° 1	15°21	6°29	16°47	17°34	16°37	16°26	M22
T 23	4 11 25	1° 7'53	6♌ 4	7°47	2°20	12°48	7° 7	18°11	23° 1	15°20	6°29	16°45	17°31	16°44	16°24	T 23
W24	4 15 22	2° 7'41	19°26	6°34	3°35	13°19	7° 1	18°12	23° 0	15°18	6°30	16°D45	17°27	16°51	16°21	W24
T 25	4 19 18	3° 7'30	3♍ 5	5°18	4°50	13°49	6°54	18°12	23° 0	15°17	6°30	16°R45	17°24	16°58	16°19	T 25
F 26	4 23 15	4° 7'22	17° 1	4° 1	6° 5	14°20	6°48	18°12	23° 0	15°15	6°31	16°44	17°21	17° 4	16°17	F 26
S 27	4 27 11	5° 7'15	1♎17	2°44	7°20	14°50	6°42	18°13	23° 0	15°13	6°31	16°42	17°18	17°11	16°14	S 27
S 28	4 31 8	6° 7'11	15°49	1°31	8°35	15°21	6°36	18°13	22°59	15°12	6°31	16°37	17°15	17°18	16°12	S 28
M29	4 35 4	7° 7'09	0♏33	0°24	9°50	15°51	6°30	18°R13	22°59	15°10	6°31	16°30	17°12	17°24	16° 9	M29
T 30	4 39 1	8♐ 7'09	15♏25	29♏24	11♐ 6	16♍20	6♉24	18♌13	22♓59	15♉ 9	6♍31	16♒20	17♒ 8	17♈31	16♋ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s29	12s28	4s26	23s43	2s54	11s49	1n17	12n25	1n23	13n15	1s29	15n34	0n 7	3s22	0s49	14n55	1s37	15n 5	6n24	14s51	15s 6	9n30	15n 4	7s 9
T 2	14 47	18 17	4 53	23 58	2 58	12 14	1 16	12 14	1 24	13 12	1 29	15 33	0 7	3 23	0 49	14 54	1 37	15 5	6 24	14 54	15 7	9 33	15 4	7 9
W 3	15 5	22 55	5 0	24 12	3 2	12 40	1 15	12 3	1 25	13 10	1 29	15 32	0 7	3 23	0 49	14 54	1 37	15 5	6 24	14 58	15 8	9 36	15 3	7 10
T 4	15 23	25 57	4 46	24 25	3 6	13 5	1 13	11 51	1 26	13 7	1 29	15 31	0 7	3 24	0 49	14 53	1 37	15 5	6 25	15 1	15 9	9 39	15 3	7 11
F 5	15 41	27 10	4 14	24 36	3 9	13 30	1 12	11 40	1 27	13 5	1 29	15 31	0 7	3 24	0 49	14 53	1 37	15 5	6 25	15 4	15 9	9 42	15 2	7 11
S 6	15 59	26 35	3 28	24 47	3 11	13 54	1 11	11 29	1 28	13 2	1 29	15 30	0 8	3 25	0 49	14 53	1 37	15 5	6 25	15 6	15 10	9 45	15 2	7 12
S 7	16 16	24 26	2 31	24 55	3 13	14 18	1 9	11 18	1 30	13 0	1 29	15 29	0 8	3 25	0 49	14 52	1 37	15 5	6 25	15 7	15 11	9 48	15 1	7 12
M 8	16 33	21 3	1 28	25 2	3 14	14 42	1 8	11 7	1 31	12 57	1 29	15 29	0 8	3 26	0 49	14 52	1 37	15 4	6 26	15 8	15 12	9 51	15 1	7 13
T 9	16 50	16 47	0 23	25 8	3 14	15 5	1 6	10 55	1 32	12 55	1 29	15 28	0 8	3 26	0 49	14 51	1 37	15 4	6 26	15 8	15 13	9 54	15 0	7 14
W10	17 6	11 54	0n42	25 12	3 14	15 28	1 5	10 44	1 33	12 53	1 29	15 28	0 8	3 26	0 49	14 51	1 37	15 4	6 26	15 8	15 14	9 57	15 0	7 14
T 11	17 22	6 41	1 44	25 14	3 13	15 51	1 3	10 33	1 34	12 50	1 29	15 27	0 8	3 27	0 49	14 50	1 37	15 4	6 26	15 8	15 15	10 0	15 0	7 15
F 12	17 38	1 18	2 40	25 15	3 11	16 13	1 2	10 22	1 35	12 48	1 28	15 27	0 8	3 27	0 49	14 50	1 37	15 4	6 26	15 9	15 16	10 4	14 59	7 15
S 13	17 54	4n 6	3 29	25 13	3 7	16 35	1 0	10 11	1 36	12 45	1 28	15 26	0 8	3 27	0 49	14 49	1 37	15 4	6 27	15 11	15 17	10 7	14 59	7 16
S 14	18 9	9 21	4 9	25 10	3 3	16 56	0 58	10 0	1 37	12 43	1 28	15 26	0 8	3 28	0 49	14 49	1 37	15 4	6 27	15 13	15 18	10 10	14 58	7 16
M15	18 24	14 16	4 38	25 4	2 57	17 17	0 56	9 48	1 38	12 41	1 28	15 25	0 9	3 28	0 49	14 48	1 37	15 4	6 27	15 17	15 19	10 13	14 58	7 17
T 16	18 39	18 42	4 55	24 56	2 49	17 37	0 54	9 37	1 39	12 39	1 28	15 25	0 9	3 28	0 49	14 48	1 37	15 4	6 27	15 21	15 20	10 16	14 58	7 18
W17	18 53	22 25	4 59	24 45	2 41	17 57	0 53	9 26	1 40	12 36	1 28	15 25	0 9	3 29	0 49	14 47	1 37	15 4	6 28	15 25	15 21	10 19	14 57	7 18
T 18	19 7	25 10	4 50	24 31	2 30	18 17	0 51	9 15	1 41	12 34	1 28	15 25	0 9	3 29	0 49	14 47	1 37	15 4	6 28	15 29	15 22	10 22	14 57	7 19
F 19	19 21	26 46	4 26	24 14	2 18	18 36	0 49	9 4	1 42	12 32	1 28	15 24	0 9	3 29	0 49	14 46	1 37	15 4	6 28	15 33	15 23	10 25	14 57	7 19
S 20	19 34	27 1	3 50	23 55	2 5	18 54	0 47	8 53	1 44	12 30	1 27	15 24	0 9	3 29	0 49	14 46	1 37	15 4	6 28	15 36	15 24	10 28	14 56	7 20
S 21	19 47	25 52	3 1	23 32	1 49	19 12	0 45	8 43	1 45	12 28	1 27	15 24	0 9	3 29	0 49	14 45	1 37	15 4	6 29	15 38	15 25	10 31	14 56	7 20
M22	20 0	23 18	2 2	23 6	1 32	19 30	0 43	8 32	1 46	12 26	1 27	15 24	0 9	3 30	0 49	14 45	1 37	15 4	6 29	15 40	15 26	10 34	14 56	7 21
T 23	20 12	19 30	0 56	22 38	1 14	19 47	0 40	8 21	1 47	12 24	1 27	15 24	0 9	3 30	0 49	14 45	1 37	15 5	6 29	15 40	15 27	10 37	14 55	7 21
W24	20 24	14 38	0s14	22 7	0 55	20 3	0 38	8 10	1 48	12 22	1 27	15 24	0 10	3 30	0 49	14 44	1 37	15 5	6 29	15 41	15 28	10 40	14 55	7 22
T 25	20 36	8 57	1 25	21 34	0 35	20 19	0 36	7 59	1 49	12 20	1 26	15 24	0 10	3 30	0 49	14 44	1 37	15 5	6 30	15 41	15 29	10 42	14 55	7 22
F 26	20 47	2 43	2 33	20 59	0 14	20 34	0 34	7 49	1 50	12 18	1 26	15 24	0 10	3 30	0 49	14 43	1 37	15 5	6 30	15 41	15 30	10 45	14 55	7 23
S 27	20 58	3s46	3 33	20 25	0n 7	20 49	0 32	7 38	1 52	12 16	1 26	15 24	0 10	3 30	0 48	14 43	1 37	15 5	6 30	15 41	15 31	10 48	14 55	7 23
S 28	21 8	10 10	4 20	19 51	0 27	21 3	0 30	7 28	1 53	12 15	1 26	15 24	0 10	3 30	0 48	14 42	1 37	15 5	6 30	15 43	15 32	10 51	14 54	7 24
M29	21 18	16 6	4 51	19 18	0 46	21 17	0 27	7 17	1 54	12 13	1 26	15 24	0 10	3 30	0 48	14 42	1 37	15 5	6 31	15 45	15 33	10 54	14 54	7 24
T 30	21s28	21s 7	5s 2	18s48	1n 4	21s30	0n25	7n 7	1n55	12n11	1s25	15n24	0n10	3s30	0s48	14n42	1s37	15n 5	6n31	15s48	15s34	10n57	14n54	7s25

Julian Day Number = 3066552.5, Delta T = 02h34m16s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'51, Lahiri = 47°27'51

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ASTRODIENST EPHEMERIS for the year 3683
geocentric

DECEMBER 3683 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 42 57	9♐ 7'11	0♐14	28°R33	12♐21	16♍50	6°R18	18°R13	22°D59	15°R 7	6♍32	16°R 9	17♒ 5	17♈38	16°R 4	W 1
T 2	4 46 54	10° 7'14	14°52	27♏53	13°36	17°19	6♉13	18♌12	22♓59	15♉ 6	6°32	15♒59	17° 2	17°45	16♋ 1	T 2
F 3	4 50 51	11° 7'20	29°12	27°25	14°51	17°49	6° 8	18°12	22°59	15° 4	6°32	15°50	16°59	17°51	15°58	F 3
S 4	4 54 47	12° 7'27	13♑ 8	27° 8	16° 6	18°17	6° 3	18°12	22°59	15° 3	6°32	15°43	16°56	17°58	15°55	S 4
S 5	4 58 44	13° 7'36	26°38	27°D 3	17°21	18°46	5°58	18°11	22°59	15° 1	6°32	15°39	16°53	18° 5	15°53	S 5
M 6	5 2 40	14° 7'46	9♒41	27° 8	18°37	19°15	5°53	18°10	23° 0	15° 0	6°32	15°D37	16°49	18°11	15°50	M 6
T 7	5 6 37	15° 7'58	22°21	27°25	19°52	19°43	5°48	18° 9	23° 0	14°59	6°R32	15°37	16°46	18°18	15°47	T 7
W 8	5 10 33	16° 8'10	4♓40	27°51	21° 7	20°11	5°44	18° 8	23° 0	14°57	6°32	15°38	16°43	18°25	15°43	W 8
T 9	5 14 30	17° 8'25	16°45	28°26	22°22	20°39	5°40	18° 7	23° 0	14°56	6°32	15°R39	16°40	18°31	15°40	T 9
F 10	5 18 27	18° 8'40	28°40	29° 9	23°37	21° 6	5°36	18° 6	23° 1	14°55	6°32	15°38	16°37	18°38	15°37	F 10
S 11	5 22 23	19° 8'57	10♈31	29°59	24°52	21°33	5°32	18° 5	23° 1	14°53	6°32	15°35	16°33	18°45	15°34	S 11
S 12	5 26 20	20° 9'16	22°22	0♐56	26° 8	22° 0	5°28	18° 3	23° 2	14°52	6°32	15°30	16°30	18°52	15°31	S 12
M13	5 30 16	21° 9'35	4♉18	1°58	27°23	22°27	5°25	18° 2	23° 2	14°51	6°32	15°23	16°27	18°58	15°27	M13
T 14	5 34 13	22° 9'57	16°22	3° 5	28°38	22°53	5°21	18° 0	23° 3	14°49	6°31	15°14	16°24	19° 5	15°24	T 14
W15	5 38 9	23°10'19	28°37	4°16	29°53	23°19	5°18	17°59	23° 4	14°48	6°31	15° 4	16°21	19°12	15°21	W15
T 16	5 42 6	24°10'43	11♊ 4	5°31	1♑ 8	23°45	5°15	17°57	23° 4	14°47	6°31	14°54	16°18	19°18	15°17	T 16
F 17	5 46 2	25°11'09	23°44	6°49	2°24	24°11	5°13	17°55	23° 5	14°46	6°31	14°45	16°14	19°25	15°14	F 17
S 18	5 49 59	26°11'36	6♋36	8° 9	3°39	24°36	5°10	17°53	23° 6	14°45	6°30	14°38	16°11	19°32	15°10	S 18
S 19	5 53 56	27°12'04	19°41	9°31	4°54	25° 1	5° 8	17°51	23° 7	14°43	6°30	14°33	16° 8	19°39	15° 7	S 19
M20	5 57 52	28°12'34	2♌56	10°56	6° 9	25°26	5° 6	17°49	23° 8	14°42	6°30	14°30	16° 5	19°45	15° 3	M20
T 21	6 1 49	29°13'05	16°23	12°21	7°24	25°50	5° 4	17°46	23° 9	14°41	6°29	14°D29	16° 2	19°52	14°59	T 21
W22	6 5 45	0♑13'38	29°59	13°48	8°40	26°14	5° 2	17°44	23°10	14°40	6°29	14°30	15°59	19°59	14°56	W22
T 23	6 9 42	1°14'13	13♍47	15°17	9°55	26°38	5° 1	17°41	23°11	14°39	6°29	14°32	15°55	20° 5	14°52	T 23
F 24	6 13 38	2°14'49	27°45	16°46	11°10	27° 2	5° 0	17°39	23°12	14°38	6°28	14°R32	15°52	20°12	14°48	F 24
S 25	6 17 35	3°15'27	11♎52	18°15	12°25	27°25	4°59	17°36	23°13	14°37	6°28	14°32	15°49	20°19	14°45	S 25
S 26	6 21 31	4°16'06	26° 7	19°46	13°41	27°47	4°58	17°33	23°14	14°36	6°27	14°30	15°46	20°26	14°41	S 26
M27	6 25 28	5°16'47	10♏29	21°17	14°56	28°10	4°57	17°30	23°16	14°35	6°27	14°27	15°43	20°32	14°37	M27
T 28	6 29 25	6°17'29	24°52	22°48	16°11	28°32	4°57	17°27	23°17	14°34	6°26	14°21	15°39	20°39	14°33	T 28
W29	6 33 21	7°18'13	9♐13	24°20	17°26	28°53	4°D57	17°24	23°18	14°34	6°26	14°15	15°36	20°46	14°30	W29
T 30	6 37 18	8°18'59	23°25	25°52	18°42	29°15	4°57	17°21	23°20	14°33	6°25	14° 9	15°33	20°52	14°26	T 30
F 31	6 41 14	9♑19'45	7♑25	27♐24	19♑57	29♍36	4♉57	17♌18	23♓21	14♉32	6♍24	14♒ 4	15♒30	20♈59	14♋22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21 s37	24 s48	4 s53	18 s22	1n20	21 s42	0n23	6n56	1n56	12n10	1 s25	15n24	0n10	3 s30	0 s48	14n41	1 s37	15n 6	6n31	15 s51	15 s34	11n 0	14n54	7 s25
T 2	21 46	26 46	4 25	17 59	1 34	21 53	0 20	6 46	1 57	12 8	1 25	15 24	0 11	3 30	0 48	14 41	1 37	15 6	6 31	15 54	15 35	11 3	14 54	7 26
F 3	21 55	26 54	3 41	17 40	1 47	22 4	0 18	6 36	1 59	12 6	1 25	15 24	0 11	3 30	0 48	14 40	1 36	15 6	6 32	15 57	15 36	11 6	14 54	7 26
S 4	22 3	25 18	2 44	17 26	1 57	22 15	0 16	6 26	2 0	12 5	1 25	15 25	0 11	3 30	0 48	14 40	1 36	15 6	6 32	15 59	15 37	11 9	14 54	7 26
S 5	22 10	22 16	1 40	17 16	2 6	22 25	0 13	6 16	2 1	12 4	1 24	15 25	0 11	3 30	0 48	14 40	1 36	15 6	6 32	16 0	15 38	11 12	14 53	7 27
M 6	22 17	18 11	0 32	17 11	2 13	22 34	0 11	6 6	2 2	12 2	1 24	15 25	0 11	3 30	0 48	14 39	1 36	15 7	6 32	16 1	15 39	11 15	14 53	7 27
T 7	22 24	13 22	0n36	17 10	2 18	22 42	0 9	5 56	2 4	12 1	1 24	15 26	0 11	3 30	0 48	14 39	1 36	15 7	6 33	16 1	15 40	11 18	14 53	7 28
W 8	22 31	8 9	1 40	17 13	2 21	22 50	0 6	5 46	2 5	12 0	1 24	15 26	0 11	3 29	0 48	14 38	1 36	15 7	6 33	16 0	15 41	11 21	14 53	7 28
T 9	22 37	2 45	2 39	17 18	2 23	22 57	0 4	5 37	2 6	11 59	1 23	15 27	0 11	3 29	0 48	14 38	1 36	15 7	6 33	16 0	15 42	11 24	14 53	7 28
F 10	22 42	2n41	3 29	17 27	2 23	23 3	0 1	5 27	2 7	11 58	1 23	15 27	0 11	3 29	0 48	14 38	1 36	15 8	6 33	16 0	15 43	11 27	14 53	7 29
S 11	22 47	7 58	4 11	17 38	2 23	23 9	0 s 1	5 18	2 9	11 57	1 23	15 27	0 12	3 29	0 48	14 37	1 36	15 8	6 34	16 1	15 44	11 30	14 53	7 29
S 12	22 52	12 59	4 41	17 52	2 21	23 14	0 4	5 8	2 10	11 56	1 23	15 28	0 12	3 29	0 48	14 37	1 36	15 8	6 34	16 3	15 45	11 33	14 53	7 29
M13	22 56	17 33	5 0	18 7	2 18	23 18	0 6	4 59	2 11	11 55	1 22	15 29	0 12	3 28	0 48	14 37	1 36	15 8	6 34	16 5	15 46	11 36	14 53	7 30
T 14	23 0	21 28	5 5	18 23	2 15	23 21	0 8	4 50	2 13	11 54	1 22	15 29	0 12	3 28	0 48	14 36	1 36	15 9	6 34	16 7	15 47	11 39	14 53	7 30
W15	23 3	24 30	4 57	18 40	2 10	23 24	0 11	4 41	2 14	11 53	1 22	15 30	0 12	3 28	0 48	14 36	1 36	15 9	6 35	16 10	15 48	11 41	14 53	7 30
T 16	23 6	26 26	4 35	18 58	2 5	23 26	0 13	4 32	2 15	11 52	1 22	15 30	0 12	3 27	0 48	14 36	1 36	15 9	6 35	16 13	15 49	11 44	14 53	7 31
F 17	23 8	27 3	3 58	19 17	2 0	23 28	0 16	4 23	2 17	11 52	1 21	15 31	0 12	3 27	0 48	14 35	1 36	15 10	6 35	16 16	15 50	11 47	14 54	7 31
S 18	23 10	26 13	3 10	19 35	1 54	23 29	0 18	4 14	2 18	11 51	1 21	15 32	0 12	3 27	0 48	14 35	1 36	15 10	6 35	16 18	15 51	11 50	14 54	7 31
S 19	23 12	23 56	2 10	19 54	1 48	23 28	0 20	4 6	2 19	11 51	1 21	15 33	0 13	3 26	0 48	14 35	1 36	15 10	6 36	16 19	15 52	11 53	14 54	7 32
M20	23 13	20 20	1 2	20 12	1 42	23 28	0 23	3 57	2 21	11 50	1 20	15 33	0 13	3 26	0 48	14 34	1 36	15 11	6 36	16 20	15 52	11 56	14 54	7 32
T 21	23 13	15 37	0 s10	20 30	1 35	23 26	0 25	3 49	2 22	11 50	1 20	15 34	0 13	3 26	0 47	14 34	1 36	15 11	6 36	16 20	15 53	11 59	14 54	7 32
W22	23 13	10 5	1 23	20 48	1 28	23 24	0 28	3 41	2 23	11 50	1 20	15 35	0 13	3 25	0 47	14 34	1 36	15 11	6 36	16 20	15 54	12 2	14 54	7 32
T 23	23 13	3 59	2 32	21 5	1 21	23 21	0 30	3 33	2 25	11 50	1 20	15 36	0 13	3 25	0 47	14 34	1 36	15 12	6 37	16 20	15 55	12 5	14 54	7 33
F 24	23 12	2 s22	3 33	21 21	1 13	23 18	0 32	3 25	2 26	11 49	1 19	15 37	0 13	3 24	0 47	14 33	1 36	15 12	6 37	16 19	15 56	12 8	14 54	7 33
S 25	23 11	8 40	4 21	21 37	1 6	23 13	0 34	3 17	2 28	11 49	1 19	15 38	0 13	3 24	0 47	14 33	1 36	15 13	6 37	16 19	15 57	12 10	14 55	7 33
S 26	23 9	14 34	4 54	21 52	0 59	23 8	0 37	3 9	2 29	11 49	1 19	15 39	0 13	3 23	0 47	14 33	1 36	15 13	6 37	16 20	15 58	12 13	14 55	7 33
M27	23 7	19 43	5 9	22 5	0 51	23 3	0 39	3 2	2 30	11 49	1 18	15 40	0 13	3 23	0 47	14 33	1 36	15 13	6 38	16 21	15 59	12 16	14 55	7 33
T 28	23 5	23 44	5 5	22 18	0 44	22 56	0 41	2 54	2 32	11 49	1 18	15 41	0 14	3 22	0 47	14 32	1 36	15 14	6 38	16 23	16 0	12 19	14 55	7 34
W29	23 2	26 16	4 41	22 30	0 36	22 49	0 43	2 47	2 33	11 50	1 18	15 42	0 14	3 22	0 47	14 32	1 36	15 14	6 38	16 24	16 1	12 22	14 55	7 34
T 30	22 58	27 4	4 1	22 41	0 29	22 41	0 46	2 40	2 35	11 50	1 18	15 43	0 14	3 21	0 47	14 32	1 36	15 15	6 38	16 26	16 2	12 25	14 56	7 34
F 31	22 s54	26 s 7	3 s 6	22 s51	0n21	22 s33	0 s48	2n33	2n36	11n50	1 s17	15n44	0n14	3 s20	0 s47	14n32	1 s36	15n15	6n38	16 s28	16 s 3	12n28	14n56	7 s34

Julian Day Number = 3066582.5, Delta T = 02h34m17s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'55, Lahiri = 47°27'55

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

JANUARY 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 45 11	10♑20'33	21♑ 6	28♐56	21♑12	29♏56	4♉57	17°R14	23♓23	14°R31	6°R24	14°R 0	15♒27	21♈ 6	14°R18	S 1
S 2	6 49 7	11°21'21	4♒27	0♑29	22°27	0♎16	4°58	17♌11	23°24	14♉30	6♏23	13♒58	15°24	21°12	14♋14	S 2
M 3	6 53 4	12°22'11	17°26	2° 2	23°43	0°36	4°59	17° 7	23°26	14°30	6°22	13°D58	15°20	21°19	14°10	M 3
T 4	6 57 1	13°23'01	0♓ 6	3°34	24°58	0°55	5° 0	17° 4	23°27	14°29	6°22	13°59	15°17	21°26	14° 7	T 4
W 5	7 0 57	14°23'52	12°27	5° 7	26°13	1°14	5° 1	17° 0	23°29	14°28	6°21	14° 1	15°14	21°33	14° 3	W 5
T 6	7 4 54	15°24'43	24°34	6°40	27°29	1°32	5° 2	16°56	23°31	14°28	6°20	14° 3	15°11	21°39	13°59	T 6
F 7	7 8 50	16°25'35	6♈31	8°13	28°44	1°50	5° 4	16°52	23°33	14°27	6°19	14° 4	15° 8	21°46	13°55	F 7
S 8	7 12 47	17°26'28	18°23	9°47	29°59	2° 8	5° 6	16°48	23°34	14°26	6°18	14°R 4	15° 5	21°53	13°51	S 8
S 9	7 16 43	18°27'22	0♉16	11°20	1♒14	2°25	5° 8	16°44	23°36	14°26	6°18	14° 4	15° 1	21°59	13°47	S 9
M10	7 20 40	19°28'16	12°12	12°53	2°30	2°41	5°10	16°40	23°38	14°25	6°17	14° 2	14°58	22° 6	13°44	M10
T 11	7 24 36	20°29'11	24°18	14°27	3°45	2°57	5°13	16°36	23°40	14°25	6°16	13°59	14°55	22°13	13°40	T 11
W12	7 28 33	21°30'06	6♊37	16° 0	5° 0	3°13	5°15	16°32	23°42	14°25	6°15	13°55	14°52	22°20	13°36	W12
T 13	7 32 30	22°31'01	19°12	17°34	6°15	3°28	5°18	16°28	23°44	14°24	6°14	13°52	14°49	22°26	13°32	T 13
F 14	7 36 26	23°31'58	2♋ 4	19° 8	7°31	3°42	5°21	16°24	23°46	14°24	6°13	13°48	14°45	22°33	13°28	F 14
S 15	7 40 23	24°32'55	15°13	20°42	8°46	3°56	5°25	16°19	23°48	14°23	6°12	13°46	14°42	22°40	13°25	S 15
S 16	7 44 19	25°33'52	28°40	22°16	10° 1	4°10	5°28	16°15	23°50	14°23	6°11	13°44	14°39	22°46	13°21	S 16
M17	7 48 16	26°34'50	12♌22	23°51	11°16	4°23	5°32	16°10	23°53	14°23	6°10	13°D44	14°36	22°53	13°17	M17
T 18	7 52 12	27°35'48	26°16	25°25	12°32	4°35	5°36	16° 6	23°55	14°23	6° 9	13°44	14°33	23° 0	13°13	T 18
W19	7 56 9	28°36'48	10♍19	27° 0	13°47	4°47	5°40	16° 1	23°57	14°22	6° 8	13°45	14°30	23° 7	13°10	W19
T 20	8 0 5	29°37'47	24°29	28°35	15° 2	4°58	5°44	15°57	24° 0	14°22	6° 7	13°46	14°26	23°13	13° 6	T 20
F 21	8 4 2	0♒38'48	8♎42	0♒10	16°17	5° 9	5°48	15°52	24° 2	14°22	6° 6	13°47	14°23	23°20	13° 2	F 21
S 22	8 7 59	1°39'49	22°55	1°46	17°32	5°19	5°53	15°47	24° 4	14°22	6° 5	13°48	14°20	23°27	12°59	S 22
S 23	8 11 55	2°40'51	7♏ 6	3°21	18°48	5°28	5°58	15°43	24° 7	14°22	6° 4	13°R48	14°17	23°33	12°55	S 23
M24	8 15 52	3°41'53	21°13	4°58	20° 3	5°37	6° 3	15°38	24° 9	14°D22	6° 3	13°47	14°14	23°40	12°52	M24
T 25	8 19 48	4°42'57	5♐13	6°34	21°18	5°45	6° 8	15°33	24°12	14°22	6° 1	13°47	14°11	23°47	12°48	T 25
W26	8 23 45	5°44'01	19° 6	8°11	22°33	5°53	6°13	15°28	24°14	14°22	6° 0	13°46	14° 7	23°54	12°45	W26
T 27	8 27 41	6°45'05	2♑49	9°48	23°48	6° 0	6°19	15°23	24°17	14°22	5°59	13°45	14° 4	24° 0	12°41	T 27
F 28	8 31 38	7°46'10	16°20	11°25	25° 4	6° 6	6°25	15°19	24°19	14°22	5°58	13°44	14° 1	24° 7	12°38	F 28
S 29	8 35 35	8°47'14	29°37	13° 2	26°19	6°12	6°31	15°14	24°22	14°22	5°57	13°43	13°58	24°14	12°35	S 29
S 30	8 39 31	9°48'19	12♒39	14°40	27°34	6°16	6°37	15° 9	24°25	14°23	5°55	13°D43	13°55	24°20	12°31	S 30
M31	8 43 28	10♒49'25	25♒26	16♒19	28♒49	6♎20	6♉43	15♌ 4	24♓27	14♉23	5♏54	13♒43	13♒51	24♈27	12♋28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s50	23s35	2s 2	22s59	0n14	22s24	0s50	2n27	2n38	11n51	1s17	15n45	0n14	3s20	0s47	14n32	1s35	15n16	6n39	16s29	16s 4	12n31	14n56	7s34
S 2	22 45	19 49	0 52	23 7	0 7	22 14	0 52	2 20	2 39	11 51	1 17	15 46	0 14	3 19	0 47	14 32	1 35	15 16	6 39	16 29	16 5	12 33	14 57	7 34
M 3	22 39	15 10	0n19	23 13	0s 1	22 3	0 54	2 14	2 41	11 52	1 16	15 48	0 14	3 18	0 47	14 31	1 35	15 16	6 39	16 29	16 6	12 36	14 57	7 34
T 4	22 34	9 59	1 27	23 18	0 8	21 52	0 56	2 8	2 42	11 52	1 16	15 49	0 14	3 18	0 47	14 31	1 35	15 17	6 39	16 29	16 6	12 39	14 57	7 34
W 5	22 27	4 31	2 30	23 22	0 15	21 40	0 58	2 2	2 44	11 53	1 16	15 50	0 15	3 17	0 47	14 31	1 35	15 17	6 40	16 29	16 7	12 42	14 57	7 34
T 6	22 21	1n 0	3 24	23 25	0 22	21 28	1 0	1 56	2 46	11 54	1 16	15 51	0 15	3 16	0 47	14 31	1 35	15 18	6 40	16 28	16 8	12 45	14 58	7 34
F 7	22 13	6 23	4 9	23 27	0 28	21 14	1 2	1 50	2 47	11 55	1 15	15 52	0 15	3 16	0 47	14 31	1 35	15 18	6 40	16 28	16 9	12 48	14 58	7 34
S 8	22 6	11 31	4 43	23 27	0 35	21 1	1 4	1 45	2 49	11 56	1 15	15 54	0 15	3 15	0 47	14 31	1 35	15 19	6 40	16 27	16 10	12 50	14 58	7 35
S 9	21 58	16 13	5 5	23 26	0 42	20 46	1 6	1 40	2 50	11 56	1 15	15 55	0 15	3 14	0 47	14 31	1 35	15 19	6 40	16 28	16 11	12 53	14 59	7 35
M10	21 50	20 20	5 14	23 24	0 48	20 31	1 7	1 35	2 52	11 58	1 14	15 56	0 15	3 13	0 47	14 30	1 35	15 20	6 41	16 28	16 12	12 56	14 59	7 35
T 11	21 41	23 40	5 9	23 21	0 54	20 16	1 9	1 30	2 54	11 59	1 14	15 58	0 15	3 12	0 47	14 30	1 35	15 20	6 41	16 29	16 13	12 59	15 0	7 35
W12	21 31	25 59	4 50	23 16	1 0	19 59	1 11	1 25	2 55	12 0	1 14	15 59	0 15	3 12	0 47	14 30	1 35	15 21	6 41	16 30	16 14	13 2	15 0	7 35
T 13	21 22	27 3	4 17	23 10	1 6	19 43	1 12	1 21	2 57	12 1	1 14	16 0	0 15	3 11	0 47	14 30	1 35	15 22	6 41	16 31	16 15	13 5	15 0	7 34
F 14	21 12	26 42	3 30	23 3	1 11	19 25	1 14	1 16	2 58	12 2	1 13	16 2	0 16	3 10	0 47	14 30	1 35	15 22	6 41	16 32	16 16	13 7	15 1	7 34
S 15	21 1	24 52	2 31	22 55	1 17	19 7	1 15	1 12	3 0	12 4	1 13	16 3	0 16	3 9	0 47	14 30	1 35	15 23	6 42	16 33	16 17	13 10	15 1	7 34
S 16	20 50	21 35	1 22	22 45	1 22	18 49	1 17	1 9	3 2	12 5	1 13	16 5	0 16	3 8	0 46	14 30	1 35	15 23	6 42	16 33	16 17	13 13	15 2	7 34
M17	20 39	17 4	0 8	22 34	1 27	18 30	1 18	1 5	3 3	12 6	1 12	16 6	0 16	3 7	0 46	14 30	1 35	15 24	6 42	16 33	16 18	13 16	15 2	7 34
T 18	20 27	11 34	1s 9	22 22	1 32	18 10	1 20	1 2	3 5	12 8	1 12	16 8	0 16	3 6	0 46	14 30	1 35	15 24	6 42	16 33	16 19	13 19	15 2	7 34
W19	20 15	5 26	2 22	22 9	1 36	17 50	1 21	0 59	3 7	12 10	1 12	16 9	0 16	3 5	0 46	14 30	1 35	15 25	6 42	16 33	16 20	13 21	15 3	7 34
T 20	20 3	1s 0	3 27	21 54	1 41	17 30	1 22	0 56	3 9	12 11	1 12	16 10	0 16	3 5	0 46	14 30	1 35	15 25	6 43	16 33	16 21	13 24	15 3	7 34
F 21	19 50	7 23	4 19	21 38	1 45	17 9	1 24	0 53	3 10	12 13	1 11	16 12	0 16	3 4	0 46	14 30	1 35	15 26	6 43	16 32	16 22	13 27	15 4	7 34
S 22	19 37	13 25	4 56	21 21	1 48	16 47	1 25	0 51	3 12	12 15	1 11	16 13	0 17	3 3	0 46	14 30	1 34	15 27	6 43	16 32	16 23	13 30	15 4	7 34
S 23	19 23	18 42	5 14	21 3	1 52	16 25	1 26	0 49	3 14	12 17	1 11	16 15	0 17	3 2	0 46	14 30	1 34	15 27	6 43	16 32	16 24	13 33	15 5	7 33
M24	19 9	22 57	5 14	20 43	1 55	16 3	1 27	0 47	3 15	12 18	1 10	16 16	0 17	3 1	0 46	14 30	1 34	15 28	6 43	16 32	16 25	13 35	15 5	7 33
T 25	18 55	25 49	4 55	20 22	1 58	15 40	1 28	0 45	3 17	12 20	1 10	16 18	0 17	3 0	0 46	14 30	1 34	15 28	6 44	16 33	16 26	13 38	15 6	7 33
W26	18 40	27 5	4 18	20 0	2 1	15 16	1 29	0 44	3 19	12 22	1 10	16 19	0 17	2 59	0 46	14 30	1 34	15 29	6 44	16 33	16 27	13 41	15 6	7 33
T 27	18 25	26 39	3 28	19 37	2 3	14 53	1 30	0 43	3 21	12 25	1 10	16 21	0 17	2 58	0 46	14 30	1 34	15 29	6 44	16 33	16 28	13 44	15 7	7 33
F 28	18 10	24 39	2 26	19 12	2 5	14 28	1 30	0 42	3 22	12 27	1 9	16 22	0 17	2 57	0 46	14 30	1 34	15 30	6 44	16 33	16 28	13 46	15 7	7 33
S 29	17 54	21 19	1 17	18 46	2 6	14 4	1 31	0 42	3 24	12 29	1 9	16 24	0 17	2 55	0 46	14 31	1 34	15 31	6 44	16 33	16 29	13 49	15 8	7 32
S 30	17 38	16 57	0 6	18 19	2 8	13 39	1 32	0 41	3 26	12 31	1 9	16 26	0 17	2 54	0 46	14 31	1 34	15 31	6 44	16 33	16 30	13 52	15 8	7 32
M31	17s22	11s55	1n 4	17s51	2s 9	13s13	1s32	0n41	3n28	12n33	1s 9	16n27	0n18	2s53	0s46	14n31	1s34	15n32	6n45	16s33	16s31	13n55	15n 9	7s32

Julian Day Number = 3066613.5, Delta T = 02h34m18s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°20'59, Lahiri = 47°28'00

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

FEBRUARY 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 47 24	11♒50'29	7♓57	17♒57	0♓ 4	6♎24	6♉49	14°R59	24♓30	14♉23	5°R53	13♒44	13♒48	24♈34	12°R25	T 1
W 2	8 51 21	12°51'34	20°15	19°36	1°19	6°26	6°56	14♌54	24°33	14°23	5♍52	13°44	13°45	24°41	12♋22	W 2
T 3	8 55 17	13°52'39	2♈22	21°15	2°34	6°28	7° 3	14°49	24°36	14°24	5°50	13°R44	13°42	24°47	12°19	T 3
F 4	8 59 14	14°53'43	14°19	22°55	3°50	6°29	7°10	14°44	24°39	14°24	5°49	13°44	13°39	24°54	12°15	F 4
S 5	9 3 10	15°54'47	26°12	24°34	5° 5	6°R30	7°17	14°39	24°42	14°24	5°48	13°43	13°36	25° 1	12°12	S 5
S 6	9 7 7	16°55'51	8♉ 4	26°14	6°20	6°29	7°24	14°34	24°44	14°25	5°47	13°43	13°32	25° 7	12°10	S 6
M 7	9 11 4	17°56'54	19°59	27°54	7°35	6°28	7°31	14°29	24°47	14°25	5°45	13°D43	13°29	25°14	12° 7	M 7
T 8	9 15 0	18°57'57	2♊ 3	29°34	8°50	6°26	7°39	14°24	24°50	14°26	5°44	13°43	13°26	25°21	12° 4	T 8
W 9	9 18 57	19°58'59	14°21	1♓14	10° 5	6°24	7°47	14°20	24°53	14°26	5°43	13°44	13°23	25°28	12° 1	W 9
T 10	9 22 53	21° 0'01	26°55	2°54	11°20	6°20	7°54	14°15	24°56	14°27	5°41	13°45	13°20	25°34	11°58	T 10
F 11	9 26 50	22° 1'03	9♋51	4°33	12°35	6°16	8° 3	14°10	24°59	14°28	5°40	13°45	13°17	25°41	11°56	F 11
S 12	9 30 46	23° 2'03	23° 9	6°12	13°50	6°11	8°11	14° 5	25° 2	14°28	5°39	13°46	13°13	25°48	11°53	S 12
S 13	9 34 43	24° 3'04	6♌50	7°51	15° 5	6° 5	8°19	14° 0	25° 5	14°29	5°37	13°R47	13°10	25°54	11°51	S 13
M14	9 38 39	25° 4'03	20°53	9°28	16°20	5°58	8°27	13°55	25° 9	14°30	5°36	13°47	13° 7	26° 1	11°48	M14
T 15	9 42 36	26° 5'02	5♍13	11° 5	17°35	5°51	8°36	13°51	25°12	14°30	5°34	13°46	13° 4	26° 8	11°46	T 15
W16	9 46 33	27° 6'01	19°47	12°40	18°49	5°42	8°45	13°46	25°15	14°31	5°33	13°45	13° 1	26°15	11°43	W16
T 17	9 50 29	28° 6'59	4♎26	14°13	20° 4	5°33	8°54	13°41	25°18	14°32	5°32	13°43	12°57	26°21	11°41	T 17
F 18	9 54 26	29° 7'57	19° 6	15°44	21°19	5°23	9° 3	13°36	25°21	14°33	5°30	13°41	12°54	26°28	11°39	F 18
S 19	9 58 22	0♓ 8'54	3♏38	17°13	22°34	5°13	9°12	13°32	25°24	14°34	5°29	13°39	12°51	26°35	11°37	S 19
S 20	10 2 19	1° 9'52	18° 0	18°39	23°49	5° 1	9°21	13°27	25°28	14°34	5°27	13°38	12°48	26°41	11°35	S 20
M21	10 6 15	2°10'49	2♐ 6	20° 0	25° 4	4°49	9°31	13°23	25°31	14°35	5°26	13°D37	12°45	26°48	11°33	M21
T 22	10 10 12	3°11'45	15°57	21°18	26°18	4°36	9°40	13°18	25°34	14°36	5°25	13°38	12°42	26°55	11°31	T 22
W23	10 14 8	4°12'41	29°33	22°30	27°33	4°22	9°50	13°14	25°37	14°37	5°23	13°39	12°38	27° 2	11°29	W23
T 24	10 18 5	5°13'37	12♑52	23°37	28°48	4° 8	10° 0	13° 9	25°41	14°38	5°22	13°41	12°35	27° 8	11°27	T 24
F 25	10 22 2	6°14'32	25°58	24°37	0♈ 2	3°52	10°10	13° 5	25°44	14°40	5°20	13°42	12°32	27°15	11°26	F 25
S 26	10 25 58	7°15'27	8♒50	25°29	1°17	3°36	10°20	13° 1	25°47	14°41	5°19	13°R43	12°29	27°22	11°24	S 26
S 27	10 29 55	8°16'20	21°30	26°14	2°32	3°20	10°30	12°56	25°51	14°42	5°18	13°43	12°26	27°29	11°23	S 27
M28	10 33 51	9°17'13	3♓59	26°49	3°46	3° 2	10°40	12°52	25°54	14°43	5°16	13°41	12°23	27°35	11°21	M28
T 29	10 37 48	10♓18'05	16♓18	27♓14	5♈ 1	2♎44	10♉50	12♌48	25♓57	14♉44	5♍15	13♒38	12♒19	27♈42	11♋20	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 5	6s29	2n10	17s22	2s 9	12s48	1s33	0n42	3n29	12n36	1s 8	16n29	0n18	2s52	0s46	14n31	1s34	15n32	6n45	16s33	16s32	13n57	15n 9	7s32
W 2	16 48	0 55	3 9	16 51	2 9	12 22	1 33	0 42	3 31	12 38	1 8	16 30	0 18	2 51	0 46	14 31	1 34	15 33	6 45	16 33	16 33	14 0	15 10	7 31
T 3	16 31	4n35	3 58	16 19	2 9	11 55	1 34	0 43	3 33	12 40	1 8	16 32	0 18	2 50	0 46	14 31	1 34	15 34	6 45	16 33	16 34	14 3	15 10	7 31
F 4	16 13	9 51	4 36	15 46	2 8	11 29	1 34	0 44	3 35	12 43	1 8	16 33	0 18	2 49	0 46	14 31	1 34	15 34	6 45	16 33	16 35	14 6	15 11	7 31
S 5	15 55	14 43	5 2	15 12	2 7	11 2	1 34	0 46	3 36	12 45	1 7	16 35	0 18	2 48	0 46	14 31	1 34	15 35	6 45	16 33	16 36	14 8	15 12	7 30
S 6	15 37	19 3	5 16	14 37	2 5	10 34	1 34	0 47	3 38	12 48	1 7	16 36	0 18	2 46	0 46	14 32	1 34	15 36	6 45	16 33	16 37	14 11	15 12	7 30
M 7	15 19	22 38	5 15	14 1	2 2	10 7	1 34	0 49	3 40	12 51	1 7	16 38	0 18	2 45	0 46	14 32	1 34	15 36	6 46	16 34	16 37	14 14	15 13	7 30
T 8	15 0	25 18	5 1	13 23	2 0	9 39	1 34	0 52	3 41	12 53	1 7	16 39	0 18	2 44	0 46	14 32	1 34	15 37	6 46	16 33	16 38	14 17	15 13	7 29
W 9	14 41	26 50	4 33	12 45	1 56	9 11	1 34	0 54	3 43	12 56	1 6	16 41	0 18	2 43	0 46	14 32	1 34	15 37	6 46	16 33	16 39	14 19	15 14	7 29
T 10	14 22	27 3	3 51	12 6	1 52	8 42	1 34	0 57	3 45	12 59	1 6	16 42	0 19	2 42	0 46	14 32	1 33	15 38	6 46	16 33	16 40	14 22	15 14	7 29
F 11	14 3	25 48	2 57	11 25	1 47	8 14	1 34	1 0	3 46	13 1	1 6	16 44	0 19	2 41	0 46	14 33	1 33	15 39	6 46	16 33	16 41	14 25	15 15	7 28
S 12	13 43	23 6	1 52	10 44	1 42	7 45	1 34	1 4	3 48	13 4	1 6	16 45	0 19	2 39	0 46	14 33	1 33	15 39	6 46	16 33	16 42	14 27	15 16	7 28
S 13	13 23	19 1	0 38	10 3	1 36	7 16	1 34	1 7	3 49	13 7	1 5	16 47	0 19	2 38	0 46	14 33	1 33	15 40	6 46	16 33	16 43	14 30	15 16	7 28
M14	13 3	13 47	0s39	9 20	1 30	6 47	1 33	1 11	3 51	13 10	1 5	16 48	0 19	2 37	0 46	14 33	1 33	15 40	6 46	16 33	16 44	14 33	15 17	7 27
T 15	12 43	7 43	1 56	8 37	1 22	6 17	1 33	1 16	3 52	13 13	1 5	16 50	0 19	2 36	0 46	14 34	1 33	15 41	6 46	16 33	16 45	14 35	15 17	7 27
W16	12 22	1 9	3 6	7 53	1 14	5 48	1 32	1 20	3 54	13 16	1 5	16 51	0 19	2 34	0 46	14 34	1 33	15 42	6 47	16 33	16 46	14 38	15 18	7 27
T 17	12 1	5s30	4 5	7 10	1 5	5 18	1 32	1 25	3 55	13 19	1 4	16 53	0 19	2 33	0 46	14 34	1 33	15 42	6 47	16 34	16 46	14 41	15 18	7 26
F 18	11 40	11 51	4 47	6 26	0 55	4 48	1 31	1 30	3 57	13 22	1 4	16 54	0 19	2 32	0 46	14 34	1 33	15 43	6 47	16 34	16 47	14 43	15 19	7 26
S 19	11 19	17 29	5 11	5 42	0 45	4 18	1 30	1 36	3 58	13 25	1 4	16 55	0 19	2 31	0 46	14 35	1 33	15 43	6 47	16 35	16 48	14 46	15 20	7 25
S 20	10 58	22 4	5 15	4 58	0 34	3 48	1 29	1 41	3 59	13 28	1 4	16 57	0 20	2 29	0 46	14 35	1 33	15 44	6 47	16 35	16 49	14 49	15 20	7 25
M21	10 36	25 17	4 59	4 15	0 22	3 18	1 28	1 47	4 1	13 31	1 4	16 58	0 20	2 28	0 46	14 35	1 33	15 45	6 47	16 35	16 50	14 51	15 21	7 24
T 22	10 15	26 55	4 27	3 33	0 9	2 48	1 27	1 54	4 2	13 35	1 3	17 0	0 20	2 27	0 46	14 36	1 33	15 45	6 47	16 35	16 51	14 54	15 21	7 24
W23	9 53	26 53	3 40	2 52	0n 5	2 17	1 26	2 0	4 3	13 38	1 3	17 1	0 20	2 25	0 46	14 36	1 33	15 46	6 47	16 35	16 52	14 57	15 22	7 24
T 24	9 31	25 18	2 42	2 13	0 19	1 47	1 25	2 7	4 4	13 41	1 3	17 2	0 20	2 24	0 46	14 36	1 33	15 46	6 47	16 34	16 53	14 59	15 23	7 23
F 25	9 8	22 20	1 36	1 36	0 34	1 16	1 24	2 14	4 5	13 44	1 3	17 3	0 20	2 23	0 46	14 37	1 33	15 47	6 47	16 34	16 54	15 2	15 23	7 23
S 26	8 46	18 19	0 27	1 1	0 50	0 46	1 23	2 21	4 6	13 48	1 2	17 5	0 20	2 21	0 46	14 37	1 33	15 48	6 47	16 34	16 54	15 5	15 24	7 22
S 27	8 24	13 32	0n43	0 29	1 6	0 15	1 22	2 28	4 7	13 51	1 2	17 6	0 20	2 20	0 45	14 38	1 33	15 48	6 47	16 34	16 55	15 7	15 24	7 22
M28	8 1	8 16	1 49	0n 0	1 22	0n15	1 20	2 36	4 8	13 54	1 2	17 7	0 20	2 19	0 45	14 38	1 33	15 49	6 48	16 34	16 56	15 10	15 25	7 21
T 29	7s38	2s45	2n49	0n25	1n39	0n46	1s19	2n44	4n 9	13n58	1s 2	17n 9	0n20	2s17	0s45	14n38	1s33	15n49	6n48	16s35	16s57	15n13	15n26	7s21

Julian Day Number = 3066644.5, Delta T = 02h34m19s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'03, Lahiri = 47°28'04

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

MARCH 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 41 44	11♓18'56	28♓28	27♓30	6♈15	2°R25	11♉ 1	12°R44	26♓ 1	14♉45	5°R13	13°R34	12♒16	27♈49	11°R18	W 1
T 2	10 45 41	12°19'46	10♈30	27°R34	7°30	2♎ 6	11°12	12♌40	26° 4	14°47	5♍12	13♒29	12°13	27°55	11♋17	T 2
F 3	10 49 37	13°20'34	22°26	27°27	8°44	1°46	11°22	12°36	26° 8	14°48	5°11	13°23	12°10	28° 2	11°16	F 3
S 4	10 53 34	14°21'22	4♉18	27°10	9°59	1°26	11°33	12°32	26°11	14°49	5° 9	13°18	12° 7	28° 9	11°15	S 4
S 5	10 57 30	15°22'08	16° 9	26°41	11°13	1° 5	11°44	12°29	26°14	14°50	5° 8	13°14	12° 3	28°16	11°14	S 5
M 6	11 1 27	16°22'53	28° 3	26° 3	12°27	0°43	11°55	12°25	26°18	14°52	5° 7	13°10	12° 0	28°22	11°13	M 6
T 7	11 5 24	17°23'36	10♊ 4	25°16	13°42	0°21	12° 6	12°21	26°21	14°53	5° 5	13° 8	11°57	28°29	11°12	T 7
W 8	11 9 20	18°24'19	22°17	24°20	14°56	29♍59	12°18	12°18	26°25	14°55	5° 4	13°D 8	11°54	28°36	11°12	W 8
T 9	11 13 17	19°24'59	4♋46	23°19	16°10	29°37	12°29	12°14	26°28	14°56	5° 2	13° 9	11°51	28°42	11°11	T 9
F 10	11 17 13	20°25'38	17°37	22°12	17°25	29°14	12°41	12°11	26°32	14°58	5° 1	13°11	11°48	28°49	11°11	F 10
S 11	11 21 10	21°26'16	0♌52	21° 3	18°39	28°51	12°52	12° 8	26°35	14°59	5° 0	13°12	11°44	28°56	11°10	S 11
S 12	11 25 6	22°26'52	14°35	19°54	19°53	28°27	13° 4	12° 5	26°38	15° 1	4°58	13°R13	11°41	29° 3	11°10	S 12
M13	11 29 3	23°27'27	28°45	18°45	21° 7	28° 4	13°16	12° 2	26°42	15° 2	4°57	13°12	11°38	29° 9	11° 9	M13
T 14	11 32 59	24°28'00	13♍20	17°39	22°21	27°40	13°27	11°59	26°45	15° 4	4°56	13° 9	11°35	29°16	11° 9	T 14
W15	11 36 56	25°28'31	28°15	16°37	23°35	27°16	13°39	11°56	26°49	15° 5	4°54	13° 4	11°32	29°23	11° 9	W15
T 16	11 40 53	26°29'01	13♎20	15°40	24°49	26°52	13°51	11°53	26°52	15° 7	4°53	12°58	11°28	29°29	11°D 9	T 16
F 17	11 44 49	27°29'30	28°27	14°50	26° 3	26°28	14° 3	11°50	26°56	15° 9	4°52	12°51	11°25	29°36	11° 9	F 17
S 18	11 48 46	28°29'58	13♏25	14° 6	27°16	26° 4	14°16	11°48	26°59	15°10	4°51	12°44	11°22	29°43	11° 9	S 18
S 19	11 52 42	29°30'25	28° 6	13°30	28°30	25°41	14°28	11°45	27° 3	15°12	4°49	12°39	11°19	29°50	11° 9	S 19
M20	11 56 39	0♈30'50	12♐25	13° 1	29°44	25°17	14°40	11°43	27° 6	15°14	4°48	12°35	11°16	29°56	11°10	M20
T 21	12 0 35	1°31'14	26°20	12°40	0♉58	24°53	14°53	11°40	27°10	15°15	4°47	12°D33	11°13	0♉ 3	11°10	T 21
W22	12 4 32	2°31'37	9♑52	12°26	2°11	24°30	15° 5	11°38	27°13	15°17	4°46	12°33	11° 9	0°10	11°11	W22
T 23	12 8 28	3°31'59	23° 1	12°D19	3°25	24° 7	15°18	11°36	27°17	15°19	4°44	12°34	11° 6	0°16	11°11	T 23
F 24	12 12 25	4°32'20	5♒52	12°19	4°38	23°44	15°30	11°34	27°20	15°21	4°43	12°36	11° 3	0°23	11°12	F 24
S 25	12 16 22	5°32'39	18°27	12°26	5°52	23°22	15°43	11°32	27°23	15°23	4°42	12°R36	11° 0	0°30	11°12	S 25
S 26	12 20 18	6°32'56	0♓50	12°39	7° 5	23° 0	15°56	11°30	27°27	15°24	4°41	12°34	10°57	0°37	11°13	S 26
M27	12 24 15	7°33'12	13° 4	12°57	8°19	22°38	16° 9	11°29	27°30	15°26	4°40	12°29	10°54	0°43	11°14	M27
T 28	12 28 11	8°33'27	25°10	13°21	9°32	22°17	16°22	11°27	27°34	15°28	4°39	12°22	10°50	0°50	11°15	T 28
W29	12 32 8	9°33'40	7♈10	13°50	10°45	21°56	16°35	11°26	27°37	15°30	4°37	12°13	10°47	0°57	11°16	W29
T 30	12 36 4	10°33'51	19° 6	14°23	11°59	21°36	16°48	11°24	27°41	15°32	4°36	12° 2	10°44	1° 4	11°17	T 30
F 31	12 40 1	11♈34'01	0♉59	15♓ 1	13♉12	21♍17	17♉ 1	11♌23	27♓44	15♉34	4♍35	11♒50	10♒41	1♉10	11♋18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s15	2n47	3n41	0n46	1n55	1n17	1s17	2n52	4n 9	14n 1	1s 2	17n10	0n20	2s16	0s45	14n39	1s32	15n50	6n48	16s36	16s58	15n15	15n26	7s20
T 2	6 52	8 9	4 22	1 3	2 11	1 47	1 16	3 0	4 10	14 5	1 1	17 11	0 20	2 15	0 45	14 39	1 32	15 50	6 48	16 38	16 59	15 18	15 27	7 20
F 3	6 29	13 10	4 51	1 15	2 27	2 18	1 14	3 8	4 10	14 8	1 1	17 12	0 21	2 13	0 45	14 39	1 32	15 51	6 48	16 39	17 0	15 21	15 27	7 19
S 4	6 6	17 40	5 8	1 21	2 41	2 49	1 12	3 17	4 11	14 12	1 1	17 13	0 21	2 12	0 45	14 40	1 32	15 52	6 48	16 41	17 1	15 23	15 28	7 19
S 5	5 43	21 29	5 11	1 23	2 55	3 19	1 10	3 25	4 11	14 15	1 1	17 14	0 21	2 11	0 45	14 40	1 32	15 52	6 48	16 42	17 1	15 26	15 28	7 18
M 6	5 20	24 27	5 1	1 19	3 7	3 50	1 9	3 34	4 11	14 19	1 1	17 15	0 21	2 9	0 45	14 41	1 32	15 53	6 48	16 43	17 2	15 28	15 29	7 18
T 7	4 56	26 21	4 38	1 10	3 18	4 20	1 7	3 43	4 11	14 22	1 0	17 17	0 21	2 8	0 45	14 41	1 32	15 53	6 48	16 43	17 3	15 31	15 30	7 17
W 8	4 33	27 2	4 2	0 56	3 26	4 50	1 5	3 51	4 11	14 26	1 0	17 18	0 21	2 7	0 45	14 42	1 32	15 54	6 48	16 43	17 4	15 34	15 30	7 17
T 9	4 9	26 22	3 14	0 37	3 32	5 20	1 3	4 0	4 11	14 29	1 0	17 19	0 21	2 5	0 45	14 42	1 32	15 54	6 48	16 43	17 5	15 36	15 31	7 16
F 10	3 46	24 18	2 15	0 15	3 36	5 50	1 1	4 9	4 11	14 33	1 0	17 20	0 21	2 4	0 45	14 43	1 32	15 55	6 48	16 43	17 6	15 39	15 31	7 16
S 11	3 22	20 52	1 7	0s10	3 38	6 20	0 58	4 18	4 11	14 37	1 0	17 21	0 21	2 3	0 45	14 43	1 32	15 55	6 48	16 42	17 7	15 41	15 32	7 15
S 12	2 58	16 12	0s 7	0 38	3 37	6 50	0 56	4 27	4 11	14 40	1 0	17 22	0 21	2 1	0 45	14 44	1 32	15 56	6 48	16 42	17 8	15 44	15 32	7 15
M13	2 35	10 30	1 23	1 8	3 34	7 20	0 54	4 36	4 10	14 44	0 59	17 22	0 21	2 0	0 45	14 44	1 32	15 56	6 48	16 42	17 8	15 46	15 33	7 14
T 14	2 11	4 5	2 36	1 38	3 29	7 49	0 52	4 45	4 10	14 48	0 59	17 23	0 21	1 58	0 45	14 44	1 32	15 57	6 48	16 43	17 9	15 49	15 33	7 14
W15	1 47	2s40	3 39	2 8	3 21	8 19	0 49	4 53	4 9	14 51	0 59	17 24	0 21	1 57	0 45	14 45	1 32	15 57	6 48	16 45	17 10	15 52	15 34	7 13
T 16	1 23	9 21	4 28	2 38	3 13	8 48	0 47	5 2	4 8	14 55	0 59	17 25	0 22	1 56	0 45	14 45	1 32	15 58	6 48	16 46	17 11	15 54	15 35	7 13
F 17	0 59	15 29	4 59	3 7	3 2	9 17	0 44	5 11	4 7	14 59	0 59	17 26	0 22	1 54	0 45	14 46	1 32	15 58	6 48	16 48	17 12	15 57	15 35	7 12
S 18	0 36	20 37	5 8	3 34	2 51	9 46	0 42	5 19	4 6	15 3	0 59	17 27	0 22	1 53	0 45	14 47	1 32	15 59	6 48	16 50	17 13	15 59	15 36	7 12
S 19	0 12	24 23	4 57	3 59	2 38	10 14	0 39	5 28	4 5	15 6	0 58	17 27	0 22	1 52	0 45	14 47	1 32	15 59	6 48	16 52	17 14	16 2	15 36	7 11
M20	0n12	26 30	4 28	4 22	2 25	10 42	0 37	5 36	4 4	15 10	0 58	17 28	0 22	1 50	0 45	14 48	1 32	16 0	6 48	16 53	17 15	16 4	15 37	7 10
T 21	0 36	26 53	3 43	4 43	2 12	11 10	0 34	5 44	4 3	15 14	0 58	17 29	0 22	1 49	0 45	14 48	1 32	16 0	6 48	16 53	17 15	16 7	15 37	7 10
W22	1 0	25 38	2 47	5 1	1 58	11 38	0 31	5 52	4 2	15 18	0 58	17 30	0 22	1 47	0 45	14 49	1 32	16 1	6 48	16 53	17 16	16 9	15 38	7 9
T 23	1 24	22 59	1 43	5 16	1 44	12 6	0 29	6 0	4 0	15 21	0 58	17 30	0 22	1 46	0 45	14 49	1 32	16 1	6 48	16 53	17 17	16 12	15 38	7 9
F 24	1 47	19 13	0 36	5 29	1 30	12 33	0 26	6 7	3 59	15 25	0 58	17 31	0 22	1 45	0 45	14 50	1 32	16 1	6 48	16 53	17 18	16 15	15 39	7 8
S 25	2 11	14 40	0n31	5 40	1 16	13 0	0 23	6 15	3 57	15 29	0 57	17 31	0 22	1 43	0 45	14 50	1 32	16 2	6 48	16 53	17 19	16 17	15 39	7 8
S 26	2 35	9 35	1 36	5 48	1 2	13 27	0 20	6 22	3 56	15 33	0 57	17 32	0 22	1 42	0 45	14 51	1 32	16 2	6 48	16 53	17 20	16 20	15 40	7 7
M27	2 58	4 12	2 36	5 53	0 49	13 53	0 17	6 29	3 54	15 36	0 57	17 32	0 22	1 41	0 45	14 51	1 31	16 3	6 48	16 54	17 21	16 22	15 40	7 7
T 28	3 22	1n16	3 27	5 56	0 36	14 19	0 14	6 35	3 52	15 40	0 57	17 33	0 22	1 39	0 45	14 52	1 31	16 3	6 48	16 56	17 21	16 25	15 40	7 6
W29	3 45	6 38	4 9	5 57	0 23	14 45	0 11	6 42	3 50	15 44	0 57	17 33	0 22	1 38	0 45	14 53	1 31	16 3	6 48	16 59	17 22	16 27	15 41	7 6
T 30	4 9	11 44	4 40	5 56	0 11	15 10	0 8	6 48	3 48	15 48	0 57	17 34	0 22	1 37	0 45	14 53	1 31	16 4	6 48	17 2	17 23	16 30	15 41	7 5
F 31	4n32	16n22	4n58	5s52	0s 1	15n35	0s 5	6n54	3n46	15n52	0s57	17n34	0n23	1s35	0s45	14n54	1s31	16n 4	6n48	17s 5	17s24	16n32	15n42	7s 5

Julian Day Number = 3066673.5, Delta T = 02h34m20s
Ecliptic obliquity = 23°13'29, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'07, Lahiri = 47°28'08

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

APRIL 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 43 57	12♈34'08	12♉51	15♓43	14♉25	20°R58	17♉14	11°R22	27♓47	15♉36	4°R34	11°R38	10♒38	1♉17	11♋20	S 1
S 2	12 47 54	13°34'14	24°43	16°29	15°38	20♍39	17°27	11♌21	27°51	15°38	4♍33	11♒27	10°34	1°24	11°21	S 2
M 3	12 51 51	14°34'18	6♊37	17°18	16°51	20°22	17°41	11°20	27°54	15°40	4°32	11°19	10°31	1°30	11°23	M 3
T 4	12 55 47	15°34'21	18°38	18°11	18° 4	20° 5	17°54	11°19	27°58	15°42	4°31	11°12	10°28	1°37	11°24	T 4
W 5	12 59 44	16°34'21	0♋49	19° 7	19°17	19°48	18° 7	11°18	28° 1	15°44	4°30	11° 9	10°25	1°44	11°26	W 5
T 6	13 3 40	17°34'19	13°14	20° 5	20°30	19°32	18°21	11°18	28° 4	15°46	4°29	11°D 8	10°22	1°51	11°27	T 6
F 7	13 7 37	18°34'15	25°58	21° 6	21°42	19°18	18°34	11°17	28° 7	15°48	4°28	11° 8	10°19	1°57	11°29	F 7
S 8	13 11 33	19°34'09	9♌ 5	22°10	22°55	19° 3	18°48	11°17	28°11	15°50	4°27	11°R 8	10°15	2° 4	11°31	S 8
S 9	13 15 30	20°34'00	22°40	23°16	24° 7	18°50	19° 2	11°16	28°14	15°52	4°26	11° 8	10°12	2°11	11°33	S 9
M10	13 19 26	21°33'50	6♍45	24°24	25°20	18°37	19°15	11°16	28°17	15°54	4°26	11° 5	10° 9	2°17	11°35	M10
T 11	13 23 23	22°33'37	21°18	25°35	26°32	18°25	19°29	11°D16	28°21	15°56	4°25	11° 0	10° 6	2°24	11°37	T 11
W12	13 27 19	23°33'23	6♎16	26°47	27°45	18°14	19°43	11°16	28°24	15°59	4°24	10°53	10° 3	2°31	11°39	W12
T 13	13 31 16	24°33'06	21°31	28° 2	28°57	18° 4	19°57	11°17	28°27	16° 1	4°23	10°43	10° 0	2°38	11°42	T 13
F 14	13 35 13	25°32'48	6♏52	29°18	0♊ 9	17°54	20°10	11°17	28°30	16° 3	4°22	10°32	9°56	2°44	11°44	F 14
S 15	13 39 9	26°32'27	22° 8	0♈36	1°21	17°45	20°24	11°17	28°33	16° 5	4°21	10°22	9°53	2°51	11°46	S 15
S 16	13 43 6	27°32'05	7♐ 8	1°56	2°33	17°37	20°38	11°18	28°36	16° 7	4°21	10°13	9°50	2°58	11°49	S 16
M17	13 47 2	28°31'42	21°43	3°18	3°45	17°30	20°52	11°18	28°40	16° 9	4°20	10° 6	9°47	3° 5	11°51	M17
T 18	13 50 59	29°31'17	5♑50	4°41	4°57	17°23	21° 6	11°19	28°43	16°12	4°19	10° 2	9°44	3°11	11°54	T 18
W19	13 54 55	0♉30'50	19°29	6° 5	6° 9	17°17	21°20	11°20	28°46	16°14	4°19	10° 0	9°40	3°18	11°57	W19
T 20	13 58 52	1°30'21	2♒40	7°32	7°21	17°12	21°34	11°21	28°49	16°16	4°18	10° 0	9°37	3°25	11°59	T 20
F 21	14 2 48	2°29'51	15°28	8°59	8°32	17° 8	21°48	11°22	28°52	16°18	4°17	10° 0	9°34	3°31	12° 2	F 21
S 22	14 6 45	3°29'19	27°57	10°29	9°44	17° 5	22° 2	11°23	28°55	16°20	4°17	9°59	9°31	3°38	12° 5	S 22
S 23	14 10 42	4°28'46	10♓11	11°59	10°55	17° 2	22°17	11°24	28°58	16°23	4°16	9°56	9°28	3°45	12° 8	S 23
M24	14 14 38	5°28'10	22°16	13°32	12° 7	17° 0	22°31	11°26	29° 1	16°25	4°15	9°50	9°25	3°52	12°11	M24
T 25	14 18 35	6°27'33	4♈13	15° 5	13°18	16°59	22°45	11°27	29° 4	16°27	4°15	9°41	9°21	3°58	12°14	T 25
W26	14 22 31	7°26'54	16° 7	16°40	14°29	16°D59	22°59	11°29	29° 7	16°29	4°14	9°30	9°18	4° 5	12°17	W26
T 27	14 26 28	8°26'13	27°59	18°17	15°40	16°59	23°13	11°31	29°10	16°32	4°14	9°16	9°15	4°12	12°21	T 27
F 28	14 30 24	9°25'31	9♉51	19°55	16°51	17° 0	23°28	11°32	29°12	16°34	4°13	9° 2	9°12	4°18	12°24	F 28
S 29	14 34 21	10°24'46	21°44	21°34	18° 2	17° 2	23°42	11°34	29°15	16°36	4°13	8°47	9° 9	4°25	12°27	S 29
S 30	14 38 17	11♉24'00	3♊39	23♈15	19♊13	17♍ 4	23♉56	11♌36	29♓18	16♉38	4♍13	8♒34	9♒ 6	4♉32	12♋31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n55	20n22	5n 3	5s47	0s13	15n59	0s 2	6n59	3n44	15n55	0s56	17n35	0n23	1s34	0s45	14n54	1s31	16n 4	6n48	17s 8	17s25	16n35	15n42	7s 4
S 2	5 19	23 33	4 55	5 40	0 24	16 23	0n 1	7 4	3 42	15 59	0 56	17 35	0 23	1 33	0 45	14 55	1 31	16 5	6 48	17 11	17 26	16 37	15 43	7 3
M 3	5 42	25 44	4 34	5 30	0 35	16 47	0 4	7 9	3 40	16 3	0 56	17 35	0 23	1 31	0 45	14 55	1 31	16 5	6 48	17 14	17 27	16 40	15 43	7 3
T 4	6 5	26 45	4 1	5 19	0 45	17 11	0 7	7 14	3 37	16 7	0 56	17 36	0 23	1 30	0 45	14 56	1 31	16 5	6 48	17 15	17 27	16 42	15 43	7 2
W 5	6 27	26 30	3 17	5 7	0 55	17 34	0 11	7 18	3 35	16 11	0 56	17 36	0 23	1 29	0 45	14 57	1 31	16 6	6 48	17 16	17 28	16 44	15 44	7 2
T 6	6 50	24 56	2 23	4 53	1 4	17 56	0 14	7 22	3 33	16 15	0 56	17 36	0 23	1 27	0 45	14 57	1 31	16 6	6 47	17 17	17 29	16 47	15 44	7 1
F 7	7 13	22 4	1 20	4 37	1 13	18 18	0 17	7 26	3 30	16 18	0 56	17 36	0 23	1 26	0 45	14 58	1 31	16 6	6 47	17 17	17 30	16 49	15 45	7 1
S 8	7 35	18 0	0 11	4 19	1 21	18 40	0 20	7 29	3 28	16 22	0 56	17 36	0 23	1 25	0 46	14 59	1 31	16 7	6 47	17 17	17 31	16 52	15 45	7 0
S 9	7 58	12 52	1s 1	4 1	1 29	19 1	0 23	7 32	3 26	16 26	0 55	17 37	0 23	1 24	0 46	14 59	1 31	16 7	6 47	17 17	17 32	16 54	15 45	7 0
M10	8 20	6 55	2 11	3 41	1 36	19 21	0 27	7 35	3 23	16 30	0 55	17 37	0 23	1 22	0 46	15 0	1 31	16 7	6 47	17 17	17 33	16 57	15 46	6 59
T 11	8 42	0 25	3 16	3 19	1 43	19 42	0 30	7 37	3 21	16 33	0 55	17 37	0 23	1 21	0 46	15 0	1 31	16 7	6 47	17 19	17 33	16 59	15 46	6 59
W12	9 4	6s16	4 8	2 57	1 50	20 1	0 33	7 39	3 18	16 37	0 55	17 37	0 23	1 20	0 46	15 1	1 31	16 8	6 47	17 21	17 34	17 2	15 46	6 58
T 13	9 26	12 43	4 45	2 33	1 55	20 20	0 36	7 41	3 16	16 41	0 55	17 37	0 23	1 19	0 46	15 2	1 31	16 8	6 47	17 23	17 35	17 4	15 47	6 58
F 14	9 47	18 25	5 0	2 8	2 1	20 39	0 40	7 43	3 13	16 45	0 55	17 37	0 23	1 17	0 46	15 2	1 31	16 8	6 47	17 26	17 36	17 7	15 47	6 57
S 15	10 9	22 53	4 55	1 41	2 6	20 57	0 43	7 44	3 11	16 49	0 55	17 37	0 23	1 16	0 46	15 3	1 31	16 8	6 47	17 29	17 37	17 9	15 47	6 57
S 16	10 30	25 43	4 29	1 14	2 10	21 14	0 46	7 44	3 8	16 52	0 55	17 37	0 23	1 15	0 46	15 3	1 31	16 9	6 47	17 32	17 38	17 11	15 48	6 56
M17	10 51	26 43	3 46	0 46	2 15	21 31	0 50	7 45	3 6	16 56	0 55	17 36	0 23	1 14	0 46	15 4	1 31	16 9	6 47	17 33	17 38	17 14	15 48	6 56
T 18	11 12	25 56	2 50	0 16	2 18	21 48	0 53	7 45	3 3	17 0	0 54	17 36	0 24	1 12	0 46	15 5	1 31	16 9	6 47	17 34	17 39	17 16	15 48	6 55
W19	11 33	23 35	1 46	0n14	2 21	22 4	0 56	7 45	3 0	17 3	0 54	17 36	0 24	1 11	0 46	15 5	1 31	16 9	6 47	17 35	17 40	17 19	15 48	6 55
T 20	11 54	20 1	0 39	0 45	2 24	22 19	0 59	7 45	2 58	17 7	0 54	17 36	0 24	1 10	0 46	15 6	1 31	16 9	6 46	17 35	17 41	17 21	15 49	6 54
F 21	12 14	15 36	0n29	1 17	2 26	22 34	1 2	7 44	2 55	17 11	0 54	17 36	0 24	1 9	0 46	15 7	1 31	16 9	6 46	17 35	17 42	17 23	15 49	6 54
S 22	12 34	10 37	1 33	1 50	2 28	22 48	1 6	7 43	2 53	17 15	0 54	17 35	0 24	1 8	0 46	15 7	1 31	16 10	6 46	17 35	17 43	17 26	15 49	6 53
S 23	12 54	5 20	2 32	2 24	2 29	23 1	1 9	7 42	2 50	17 18	0 54	17 35	0 24	1 7	0 46	15 8	1 31	16 10	6 46	17 36	17 43	17 28	15 49	6 53
M24	13 14	0n 4	3 23	2 59	2 30	23 14	1 12	7 40	2 48	17 22	0 54	17 35	0 24	1 5	0 46	15 9	1 31	16 10	6 46	17 38	17 44	17 31	15 49	6 52
T 25	13 33	5 25	4 5	3 35	2 30	23 26	1 15	7 38	2 45	17 26	0 54	17 34	0 24	1 4	0 46	15 9	1 31	16 10	6 46	17 40	17 45	17 33	15 50	6 52
W26	13 52	10 31	4 35	4 11	2 30	23 38	1 18	7 36	2 43	17 29	0 54	17 34	0 24	1 3	0 46	15 10	1 31	16 10	6 46	17 43	17 46	17 35	15 50	6 52
T 27	14 11	15 14	4 53	4 48	2 29	23 49	1 21	7 34	2 40	17 33	0 54	17 34	0 24	1 2	0 46	15 10	1 31	16 10	6 46	17 46	17 47	17 38	15 50	6 51
F 28	14 30	19 22	4 59	5 26	2 28	23 59	1 25	7 31	2 38	17 36	0 54	17 33	0 24	1 1	0 46	15 11	1 31	16 10	6 46	17 50	17 48	17 40	15 50	6 51
S 29	14 49	22 44	4 52	6 4	2 27	24 9	1 28	7 28	2 35	17 40	0 53	17 33	0 24	1 0	0 46	15 12	1 31	16 10	6 46	17 54	17 48	17 42	15 50	6 50
S 30	15n 7	25n 8	4n31	6n43	2s25	24n18	1n31	7n25	2n33	17n44	0s53	17n32	0n24	0s59	0s46	15n12	1s31	16n10	6n46	17s58	17s49	17n45	15n50	6s50

Julian Day Number = 3066704.5, Delta T = 02h34m21s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'12, Lahiri = 47°28'12

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

MAY 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 42 14	12♉23'11	15♊39	24♈57	20♊24	17♍ 7	24♉11	11♌38	29♓21	16♉41	4°R12	8°R23	9♒ 2	4♉39	12♋34	M 1
T 2	14 46 11	13°22'20	27°45	26°41	21°35	17°11	24°25	11°41	29°24	16°43	4♍12	8♒14	8°59	4°45	12°38	T 2
W 3	14 50 7	14°21'28	9♋59	28°26	22°45	17°16	24°39	11°43	29°26	16°45	4°11	8° 9	8°56	4°52	12°42	W 3
T 4	14 54 4	15°20'33	22°26	0♉13	23°56	17°21	24°54	11°46	29°29	16°47	4°11	8° 7	8°53	4°59	12°45	T 4
F 5	14 58 0	16°19'36	5♌ 9	2° 1	25° 6	17°27	25° 8	11°48	29°32	16°50	4°11	8°D 6	8°50	5° 6	12°49	F 5
S 6	15 1 57	17°18'36	18°12	3°50	26°16	17°33	25°23	11°51	29°34	16°52	4°11	8°R 6	8°46	5°12	12°53	S 6
S 7	15 5 53	18°17'35	1♍39	5°41	27°26	17°41	25°37	11°53	29°37	16°54	4°10	8° 6	8°43	5°19	12°57	S 7
M 8	15 9 50	19°16'31	15°32	7°34	28°36	17°48	25°52	11°56	29°39	16°57	4°10	8° 3	8°40	5°26	13° 1	M 8
T 9	15 13 46	20°15'24	29°53	9°28	29°46	17°57	26° 6	11°59	29°42	16°59	4°10	7°59	8°37	5°32	13° 5	T 9
W10	15 17 43	21°14'16	14♎40	11°24	0♋56	18° 6	26°20	12° 2	29°44	17° 1	4°10	7°52	8°34	5°39	13° 9	W10
T 11	15 21 40	22°13'06	29°46	13°21	2° 5	18°15	26°35	12° 6	29°47	17° 3	4°10	7°43	8°31	5°46	13°13	T 11
F 12	15 25 36	23°11'53	15♏ 3	15°19	3°15	18°25	26°49	12° 9	29°49	17° 6	4°10	7°32	8°27	5°53	13°17	F 12
S 13	15 29 33	24°10'39	0♐20	17°19	4°24	18°36	27° 4	12°12	29°51	17° 8	4°10	7°22	8°24	5°59	13°21	S 13
S 14	15 33 29	25° 9'23	15°24	19°21	5°33	18°47	27°18	12°16	29°54	17°10	4°10	7°13	8°21	6° 6	13°25	S 14
M15	15 37 26	26° 8'05	0♑ 8	21°23	6°42	18°59	27°33	12°19	29°56	17°12	4°D10	7° 6	8°18	6°13	13°30	M15
T 16	15 41 22	27° 6'46	14°25	23°28	7°51	19°11	27°47	12°23	29°58	17°15	4°10	7° 1	8°15	6°19	13°34	T 16
W17	15 45 19	28° 5'25	28°12	25°33	9° 0	19°24	28° 2	12°26	0♈ 1	17°17	4°10	7° 0	8°12	6°26	13°38	W17
T 18	15 49 15	29° 4'02	11♒31	27°39	10° 9	19°38	28°16	12°30	0° 3	17°19	4°10	6°D59	8° 8	6°33	13°43	T 18
F 19	15 53 12	0♊ 2'37	24°23	29°46	11°17	19°51	28°31	12°34	0° 5	17°21	4°10	7°R 0	8° 5	6°40	13°47	F 19
S 20	15 57 9	1° 1'11	6♓54	1♊54	12°26	20° 6	28°45	12°38	0° 7	17°24	4°10	7° 0	8° 2	6°46	13°52	S 20
S 21	16 1 5	1°59'44	19° 9	4° 3	13°34	20°20	29° 0	12°42	0° 9	17°26	4°10	6°58	7°59	6°53	13°57	S 21
M22	16 5 2	2°58'15	1♈11	6°12	14°42	20°36	29°14	12°46	0°11	17°28	4°10	6°54	7°56	7° 0	14° 1	M22
T 23	16 8 58	3°56'44	13° 6	8°21	15°50	20°51	29°29	12°51	0°13	17°30	4°10	6°48	7°52	7° 7	14° 6	T 23
W24	16 12 55	4°55'12	24°57	10°30	16°58	21° 7	29°43	12°55	0°15	17°32	4°11	6°40	7°49	7°13	14°11	W24
T 25	16 16 51	5°53'38	6♉48	12°38	18° 5	21°24	29°57	12°59	0°17	17°35	4°11	6°29	7°46	7°20	14°16	T 25
F 26	16 20 48	6°52'03	18°41	14°45	19°13	21°41	0♊12	13° 4	0°19	17°37	4°11	6°18	7°43	7°27	14°20	F 26
S 27	16 24 44	7°50'26	0♊38	16°52	20°20	21°59	0°26	13° 8	0°20	17°39	4°11	6° 6	7°40	7°33	14°25	S 27
S 28	16 28 41	8°48'47	12°41	18°57	21°27	22°16	0°41	13°13	0°22	17°41	4°12	5°56	7°37	7°40	14°30	S 28
M29	16 32 38	9°47'07	24°49	21° 0	22°34	22°35	0°55	13°18	0°24	17°43	4°12	5°48	7°33	7°47	14°35	M29
T 30	16 36 34	10°45'25	7♋ 6	23° 2	23°41	22°53	1° 9	13°23	0°26	17°45	4°13	5°41	7°30	7°54	14°40	T 30
W31	16 40 31	11♊43'41	19♋32	25♊ 1	24♋47	23♍12	1♊24	13♌28	0♈27	17♉47	4♍13	5♒38	7♒27	8♉ 0	14♋45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n25	26n25	3n59	7n22	2s22	24n26	1n34	7n21	2n30	17n47	0s53	17n32	0n24	0s58	0s46	15n13	1s31	16n10	6n45	18s 0	17s50	17n47	15n51	6s49
T 2	15 43	26 28	3 16	8 2	2 19	24 34	1 37	7 18	2 28	17 51	0 53	17 31	0 24	0 57	0 46	15 14	1 31	16 10	6 45	18 3	17 51	17 49	15 51	6 49
W 3	16 0	25 13	2 23	8 43	2 15	24 41	1 39	7 14	2 26	17 54	0 53	17 30	0 24	0 56	0 46	15 14	1 31	16 10	6 45	18 4	17 52	17 52	15 51	6 48
T 4	16 17	22 43	1 22	9 23	2 11	24 47	1 42	7 9	2 23	17 58	0 53	17 30	0 24	0 55	0 46	15 15	1 31	16 10	6 45	18 4	17 53	17 54	15 51	6 48
F 5	16 34	19 4	0 16	10 5	2 7	24 53	1 45	7 5	2 21	18 1	0 53	17 29	0 24	0 54	0 46	15 16	1 31	16 10	6 45	18 5	17 53	17 56	15 51	6 48
S 6	16 51	14 24	0s53	10 46	2 2	24 58	1 48	7 0	2 19	18 5	0 53	17 28	0 24	0 53	0 46	15 16	1 31	16 10	6 45	18 5	17 54	17 59	15 51	6 47
S 7	17 7	8 54	2 1	11 28	1 56	25 3	1 51	6 55	2 16	18 8	0 53	17 28	0 24	0 52	0 46	15 17	1 31	16 10	6 45	18 5	17 55	18 1	15 51	6 47
M 8	17 23	2 49	3 4	12 10	1 50	25 6	1 53	6 50	2 14	18 12	0 53	17 27	0 25	0 51	0 46	15 17	1 31	16 10	6 45	18 5	17 56	18 3	15 51	6 46
T 9	17 39	3s36	3 58	12 52	1 44	25 9	1 56	6 45	2 12	18 15	0 53	17 26	0 25	0 50	0 46	15 18	1 31	16 10	6 45	18 7	17 57	18 6	15 51	6 46
W10	17 54	9 59	4 37	13 34	1 37	25 12	1 58	6 39	2 9	18 18	0 53	17 25	0 25	0 49	0 46	15 19	1 31	16 10	6 44	18 8	17 58	18 8	15 51	6 46
T 11	18 10	15 57	4 58	14 17	1 30	25 13	2 1	6 34	2 7	18 22	0 53	17 25	0 25	0 48	0 46	15 19	1 31	16 10	6 44	18 11	17 58	18 10	15 51	6 45
F 12	18 24	20 58	4 58	14 59	1 22	25 14	2 3	6 28	2 5	18 25	0 53	17 24	0 25	0 47	0 46	15 20	1 31	16 10	6 44	18 13	17 59	18 13	15 51	6 45
S 13	18 39	24 33	4 38	15 40	1 14	25 15	2 6	6 21	2 3	18 29	0 52	17 23	0 25	0 46	0 46	15 21	1 31	16 10	6 44	18 16	18 0	18 15	15 51	6 45
S 14	18 53	26 22	3 57	16 22	1 5	25 14	2 8	6 15	2 1	18 32	0 52	17 22	0 25	0 45	0 46	15 21	1 31	16 10	6 44	18 18	18 1	18 17	15 51	6 44
M15	19 7	26 16	3 2	17 3	0 56	25 14	2 10	6 9	1 59	18 35	0 52	17 21	0 25	0 44	0 46	15 22	1 31	16 10	6 44	18 20	18 2	18 19	15 51	6 44
T 16	19 20	24 23	1 57	17 43	0 47	25 12	2 12	6 2	1 57	18 38	0 52	17 20	0 25	0 43	0 46	15 22	1 31	16 10	6 44	18 21	18 2	18 22	15 51	6 44
W17	19 33	21 6	0 46	18 23	0 37	25 10	2 15	5 55	1 54	18 42	0 52	17 19	0 25	0 42	0 46	15 23	1 31	16 10	6 44	18 21	18 3	18 24	15 51	6 43
T 18	19 46	16 47	0n24	19 1	0 27	25 7	2 17	5 48	1 52	18 45	0 52	17 18	0 25	0 42	0 46	15 24	1 31	16 10	6 44	18 22	18 4	18 26	15 51	6 43
F 19	19 59	11 50	1 31	19 39	0 17	25 3	2 19	5 41	1 50	18 48	0 52	17 17	0 25	0 41	0 46	15 24	1 31	16 9	6 43	18 21	18 5	18 28	15 50	6 43
S 20	20 11	6 32	2 32	20 15	0 7	24 59	2 20	5 33	1 48	18 51	0 52	17 16	0 25	0 40	0 46	15 25	1 31	16 9	6 43	18 21	18 6	18 31	15 50	6 42
S 21	20 22	1 7	3 24	20 50	0n 4	24 54	2 22	5 26	1 46	18 54	0 52	17 15	0 25	0 39	0 47	15 25	1 31	16 9	6 43	18 22	18 7	18 33	15 50	6 42
M22	20 34	4n15	4 7	21 23	0 15	24 48	2 24	5 18	1 44	18 58	0 52	17 14	0 25	0 38	0 47	15 26	1 31	16 9	6 43	18 23	18 7	18 35	15 50	6 42
T 23	20 45	9 24	4 38	21 55	0 25	24 42	2 26	5 10	1 43	19 1	0 52	17 13	0 25	0 38	0 47	15 27	1 31	16 9	6 43	18 24	18 8	18 37	15 50	6 41
W24	20 56	14 11	4 57	22 24	0 36	24 35	2 27	5 2	1 41	19 4	0 52	17 11	0 25	0 37	0 47	15 27	1 31	16 9	6 43	18 26	18 9	18 40	15 50	6 41
T 25	21 6	18 26	5 3	22 52	0 46	24 28	2 29	4 54	1 39	19 7	0 52	17 10	0 25	0 36	0 47	15 28	1 31	16 8	6 43	18 29	18 10	18 42	15 50	6 41
F 26	21 16	21 58	4 56	23 17	0 56	24 20	2 30	4 45	1 37	19 10	0 52	17 9	0 25	0 36	0 47	15 28	1 31	16 8	6 43	18 32	18 11	18 44	15 49	6 40
S 27	21 25	24 36	4 36	23 40	1 6	24 11	2 31	4 37	1 35	19 13	0 52	17 8	0 25	0 35	0 47	15 29	1 31	16 8	6 43	18 35	18 11	18 46	15 49	6 40
S 28	21 34	26 9	4 4	24 1	1 15	24 2	2 32	4 28	1 33	19 16	0 52	17 6	0 25	0 34	0 47	15 30	1 31	16 8	6 42	18 37	18 12	18 49	15 49	6 40
M29	21 43	26 27	3 20	24 19	1 24	23 53	2 33	4 19	1 31	19 19	0 52	17 5	0 26	0 34	0 47	15 30	1 31	16 8	6 42	18 39	18 13	18 51	15 49	6 40
T 30	21 51	25 28	2 27	24 35	1 33	23 42	2 34	4 10	1 30	19 22	0 52	17 4	0 26	0 33	0 47	15 31	1 31	16 7	6 42	18 41	18 14	18 53	15 48	6 39
W31	21n59	23n13	1n25	24n48	1n40	23n31	2n35	4n 1	1n28	19n25	0s52	17n 2	0n26	0s32	0s47	15n31	1s31	16n 7	6n42	18s42	18s15	18n55	15n48	6s39

Julian Day Number = 3066734.5, Delta T = 02h34m22s
Ecliptic obliquity = 23°13'28, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'16, Lahiri = 47°28'16

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

JUNE 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 44 27	12♊41'55	2♌ 9	26♊58	25♋54	23♍32	1♊38	13♌33	0♈29	17♉50	4♍13	5°D36	7♒24	8♉ 7	14♋50	T 1
F 2	16 48 24	13°40'07	15° 0	28°52	27° 0	23°52	1°52	13°38	0°30	17°52	4°14	5♒37	7°21	8°14	14°55	F 2
S 3	16 52 20	14°38'18	28° 8	0♋43	28° 6	24°12	2° 7	13°43	0°32	17°54	4°14	5°38	7°18	8°21	15° 0	S 3
S 4	16 56 17	15°36'26	11♍34	2°31	29°12	24°33	2°21	13°48	0°33	17°56	4°15	5°R39	7°14	8°27	15° 6	S 4
M 5	17 0 14	16°34'33	25°21	4°16	0♌17	24°53	2°35	13°53	0°35	17°58	4°15	5°38	7°11	8°34	15°11	M 5
T 6	17 4 10	17°32'38	9♎31	5°58	1°23	25°15	2°49	13°59	0°36	18° 0	4°16	5°36	7° 8	8°41	15°16	T 6
W 7	17 8 7	18°30'41	24° 1	7°36	2°28	25°36	3° 4	14° 4	0°37	18° 2	4°17	5°32	7° 5	8°47	15°21	W 7
T 8	17 12 3	19°28'42	8♏47	9°11	3°33	25°58	3°18	14°10	0°39	18° 4	4°17	5°27	7° 2	8°54	15°27	T 8
F 9	17 16 0	20°26'41	23°45	10°42	4°37	26°20	3°32	14°15	0°40	18° 6	4°18	5°20	6°58	9° 1	15°32	F 9
S 10	17 19 56	21°24'39	8♐45	12°10	5°42	26°43	3°46	14°21	0°41	18° 8	4°19	5°14	6°55	9° 8	15°37	S 10
S 11	17 23 53	22°22'36	23°37	13°34	6°46	27° 6	4° 0	14°26	0°42	18°10	4°19	5° 8	6°52	9°14	15°43	S 11
M12	17 27 49	23°20'31	8♑14	14°54	7°50	27°29	4°14	14°32	0°43	18°12	4°20	5° 4	6°49	9°21	15°48	M12
T 13	17 31 46	24°18'24	22°30	16°11	8°53	27°52	4°28	14°38	0°44	18°14	4°21	5° 1	6°46	9°28	15°53	T 13
W14	17 35 43	25°16'17	6♒19	17°24	9°57	28°16	4°42	14°44	0°45	18°16	4°22	5°D 0	6°43	9°34	15°59	W14
T 15	17 39 39	26°14'08	19°42	18°32	11° 0	28°40	4°56	14°50	0°46	18°18	4°22	5° 1	6°39	9°41	16° 4	T 15
F 16	17 43 36	27°11'58	2♓40	19°37	12° 3	29° 4	5°10	14°56	0°47	18°19	4°23	5° 3	6°36	9°48	16°10	F 16
S 17	17 47 32	28° 9'46	15°16	20°38	13° 5	29°29	5°24	15° 2	0°48	18°21	4°24	5° 4	6°33	9°55	16°15	S 17
S 18	17 51 29	29° 7'34	27°34	21°35	14° 7	29°54	5°38	15° 8	0°49	18°23	4°25	5°R 5	6°30	10° 1	16°21	S 18
M19	17 55 25	0♋ 5'21	9♈38	22°28	15° 9	0♎19	5°51	15°14	0°50	18°25	4°26	5° 4	6°27	10° 8	16°26	M19
T 20	17 59 22	1° 3'07	21°35	23°17	16°11	0°44	6° 5	15°21	0°50	18°27	4°27	5° 2	6°24	10°15	16°32	T 20
W21	18 3 18	2° 0'51	3♉27	24° 1	17°12	1° 9	6°19	15°27	0°51	18°29	4°28	4°59	6°20	10°22	16°38	W21
T 22	18 7 15	2°58'35	15°19	24°41	18°13	1°35	6°33	15°33	0°52	18°30	4°29	4°54	6°17	10°28	16°43	T 22
F 23	18 11 12	3°56'18	27°15	25°17	19°13	2° 1	6°46	15°40	0°52	18°32	4°30	4°49	6°14	10°35	16°49	F 23
S 24	18 15 8	4°54'00	9♊17	25°48	20°13	2°28	7° 0	15°46	0°53	18°34	4°31	4°44	6°11	10°42	16°55	S 24
S 25	18 19 5	5°51'41	21°27	26°15	21°13	2°54	7°13	15°53	0°53	18°35	4°32	4°39	6° 8	10°48	17° 0	S 25
M26	18 23 1	6°49'21	3♋48	26°37	22°13	3°21	7°27	15°59	0°54	18°37	4°33	4°35	6° 4	10°55	17° 6	M26
T 27	18 26 58	7°47'00	16°19	26°54	23°12	3°48	7°40	16° 6	0°54	18°39	4°34	4°33	6° 1	11° 2	17°12	T 27
W28	18 30 54	8°44'37	29° 3	27° 7	24°11	4°15	7°54	16°13	0°54	18°40	4°35	4°D31	5°58	11° 9	17°17	W28
T 29	18 34 51	9°42'14	11♌59	27°15	25° 9	4°43	8° 7	16°19	0°54	18°42	4°36	4°32	5°55	11°15	17°23	T 29
F 30	18 38 48	10♋39'49	25♌ 8	27°R19	26♌ 7	5♎10	8♊20	16♌26	0♈55	18♉44	4♍37	4♒33	5♒52	11♉22	17♋29	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 7	19n48	0n19	24n59	1n48	23n20	2n36	3n52	1n26	19n28	0s52	17n 1	0n26	0s32	0s47	15n32	1s31	16n 7	6n42	18s42	18s15	18n57	15n48	6s39
F 2	22 14	15 23	0s50	25 7	1 54	23 8	2 37	3 43	1 24	19 30	0 52	17 0	0 26	0 31	0 47	15 32	1 31	16 6	6 42	18 42	18 16	19 0	15 47	6 39
S 3	22 21	10 10	1 58	25 13	2 0	22 55	2 37	3 33	1 23	19 33	0 52	16 58	0 26	0 31	0 47	15 33	1 31	16 6	6 42	18 42	18 17	19 2	15 47	6 38
S 4	22 27	4 22	3 1	25 17	2 5	22 42	2 37	3 23	1 21	19 36	0 52	16 57	0 26	0 30	0 47	15 33	1 31	16 6	6 42	18 41	18 18	19 4	15 47	6 38
M 5	22 33	1s47	3 55	25 18	2 9	22 29	2 38	3 14	1 19	19 39	0 52	16 55	0 26	0 30	0 47	15 34	1 31	16 6	6 42	18 42	18 19	19 6	15 47	6 38
T 6	22 39	7 59	4 37	25 18	2 12	22 14	2 38	3 4	1 18	19 42	0 52	16 54	0 26	0 29	0 47	15 35	1 31	16 5	6 41	18 42	18 19	19 8	15 46	6 38
W 7	22 44	13 54	5 2	25 15	2 15	22 0	2 38	2 54	1 16	19 44	0 52	16 52	0 26	0 29	0 47	15 35	1 31	16 5	6 41	18 43	18 20	19 10	15 46	6 38
T 8	22 49	19 9	5 7	25 11	2 16	21 45	2 38	2 44	1 14	19 47	0 52	16 51	0 26	0 28	0 47	15 36	1 31	16 5	6 41	18 44	18 21	19 13	15 45	6 37
F 9	22 53	23 15	4 52	25 4	2 17	21 29	2 38	2 33	1 13	19 50	0 51	16 49	0 26	0 28	0 47	15 36	1 31	16 4	6 41	18 46	18 22	19 15	15 45	6 37
S 10	22 57	25 48	4 17	24 57	2 17	21 13	2 37	2 23	1 11	19 52	0 51	16 48	0 26	0 27	0 47	15 37	1 31	16 4	6 41	18 47	18 23	19 17	15 45	6 37
S 11	23 0	26 29	3 25	24 48	2 16	20 57	2 37	2 13	1 10	19 55	0 51	16 46	0 26	0 27	0 47	15 37	1 32	16 4	6 41	18 49	18 23	19 19	15 44	6 37
M12	23 4	25 18	2 20	24 37	2 14	20 40	2 36	2 2	1 8	19 57	0 51	16 45	0 26	0 26	0 47	15 38	1 32	16 3	6 41	18 50	18 24	19 21	15 44	6 37
T 13	23 6	22 28	1 7	24 25	2 11	20 23	2 36	1 52	1 7	20 0	0 51	16 43	0 26	0 26	0 47	15 38	1 32	16 3	6 41	18 50	18 25	19 23	15 43	6 37
W14	23 8	18 25	0n 7	24 12	2 7	20 5	2 35	1 41	1 5	20 3	0 51	16 41	0 26	0 26	0 47	15 39	1 32	16 2	6 41	18 51	18 26	19 25	15 43	6 36
T 15	23 10	13 31	1 19	23 58	2 2	19 47	2 34	1 30	1 4	20 5	0 51	16 40	0 26	0 25	0 47	15 39	1 32	16 2	6 41	18 50	18 27	19 27	15 42	6 36
F 16	23 12	8 11	2 25	23 44	1 57	19 29	2 33	1 19	1 2	20 8	0 51	16 38	0 26	0 25	0 47	15 40	1 32	16 2	6 40	18 50	18 27	19 30	15 42	6 36
S 17	23 13	2 39	3 21	23 28	1 50	19 10	2 32	1 8	1 1	20 10	0 51	16 36	0 26	0 25	0 48	15 40	1 32	16 1	6 40	18 50	18 28	19 32	15 41	6 36
S 18	23 13	2n50	4 7	23 12	1 43	18 51	2 30	0 57	0 59	20 12	0 51	16 34	0 27	0 24	0 48	15 41	1 32	16 1	6 40	18 50	18 29	19 34	15 41	6 36
M19	23 13	8 6	4 41	22 55	1 34	18 31	2 29	0 46	0 58	20 15	0 51	16 33	0 27	0 24	0 48	15 41	1 32	16 0	6 40	18 50	18 30	19 36	15 40	6 36
T 20	23 13	13 1	5 3	22 38	1 25	18 11	2 27	0 35	0 56	20 17	0 51	16 31	0 27	0 24	0 48	15 41	1 32	16 0	6 40	18 50	18 30	19 38	15 40	6 36
W21	23 13	17 26	5 11	22 21	1 15	17 51	2 25	0 23	0 55	20 19	0 51	16 29	0 27	0 24	0 48	15 42	1 32	16 0	6 40	18 51	18 31	19 40	15 39	6 36
T 22	23 11	21 10	5 6	22 3	1 4	17 30	2 23	0 12	0 54	20 22	0 51	16 27	0 27	0 23	0 48	15 42	1 32	15 59	6 40	18 52	18 32	19 42	15 39	6 36
F 23	23 10	24 2	4 48	21 45	0 52	17 10	2 21	0 0	0 52	20 24	0 51	16 25	0 27	0 23	0 48	15 43	1 32	15 59	6 40	18 53	18 33	19 44	15 38	6 35
S 24	23 8	25 53	4 17	21 27	0 40	16 48	2 19	0s11	0 51	20 26	0 51	16 24	0 27	0 23	0 48	15 43	1 32	15 58	6 40	18 55	18 34	19 46	15 37	6 35
S 25	23 6	26 31	3 34	21 9	0 26	16 27	2 16	0 23	0 50	20 28	0 51	16 22	0 27	0 23	0 48	15 44	1 32	15 58	6 40	18 56	18 34	19 48	15 37	6 35
M26	23 3	25 51	2 40	20 51	0 12	16 5	2 14	0 35	0 48	20 31	0 51	16 20	0 27	0 23	0 48	15 44	1 32	15 57	6 40	18 57	18 35	19 50	15 36	6 35
T 27	23 0	23 52	1 38	20 33	0s 2	15 44	2 11	0 47	0 47	20 33	0 51	16 18	0 27	0 23	0 48	15 44	1 32	15 57	6 39	18 57	18 36	19 52	15 36	6 35
W28	22 56	20 39	0 30	20 15	0 18	15 21	2 8	0 58	0 46	20 35	0 51	16 16	0 27	0 23	0 48	15 45	1 32	15 56	6 39	18 57	18 37	19 54	15 35	6 35
T 29	22 52	16 23	0s41	19 58	0 34	14 59	2 5	1 10	0 44	20 37	0 51	16 14	0 27	0 23	0 48	15 45	1 32	15 56	6 39	18 57	18 37	19 56	15 34	6 35
F 30	22n48	11n17	1s51	19n42	0s50	14n37	2n 2	1s22	0n43	20n39	0s52	16n12	0n27	0s23	0s48	15n46	1s32	15n55	6n39	18s57	18s38	19n58	15n34	6s35

Julian Day Number = 3066765.5, Delta T = 02h34m23s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'20, Lahiri = 47°28'21

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

JULY 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 42 44	11♋37'23	8♍30	27°R18	27♌ 4	5♎38	8♊33	16♌33	0♈55	18♉45	4♍38	4♒34	5♒49	11♉29	17♋34	S 1
S 2	18 46 41	12°34'56	22° 7	27♋12	28° 1	6° 6	8°47	16°40	0°55	18°47	4°39	4°35	5°45	11°36	17°40	S 2
M 3	18 50 37	13°32'28	5♎58	27° 3	28°57	6°34	9° 0	16°47	0°55	18°48	4°41	4°36	5°42	11°42	17°46	M 3
T 4	18 54 34	14°29'58	20° 3	26°49	29°53	7° 3	9°13	16°54	0°R55	18°50	4°42	4°R36	5°39	11°49	17°52	T 4
W 5	18 58 30	15°27'27	4♏20	26°31	0♍49	7°32	9°26	17° 1	0°55	18°51	4°43	4°35	5°36	11°56	17°57	W 5
T 6	19 2 27	16°24'56	18°47	26° 9	1°43	8° 0	9°39	17° 8	0°55	18°52	4°44	4°34	5°33	12° 2	18° 3	T 6
F 7	19 6 23	17°22'23	3♐20	25°45	2°38	8°29	9°52	17°15	0°55	18°54	4°46	4°32	5°30	12° 9	18° 9	F 7
S 8	19 10 20	18°19'49	17°54	25°17	3°32	8°59	10° 4	17°22	0°55	18°55	4°47	4°30	5°26	12°16	18°15	S 8
S 9	19 14 17	19°17'14	2♑22	24°47	4°25	9°28	10°17	17°29	0°54	18°57	4°48	4°28	5°23	12°23	18°20	S 9
M10	19 18 13	20°14'39	16°38	24°16	5°17	9°58	10°30	17°36	0°54	18°58	4°50	4°27	5°20	12°29	18°26	M10
T 11	19 22 10	21°12'03	0♒39	23°43	6° 9	10°27	10°42	17°43	0°54	18°59	4°51	4°D26	5°17	12°36	18°32	T 11
W12	19 26 6	22° 9'26	14°20	23° 9	7° 0	10°57	10°55	17°51	0°53	19° 0	4°52	4°26	5°14	12°43	18°38	W12
T 13	19 30 3	23° 6'48	27°39	22°34	7°51	11°27	11° 7	17°58	0°53	19° 2	4°54	4°27	5°10	12°49	18°44	T 13
F 14	19 33 59	24° 4'10	10♓36	22° 1	8°41	11°58	11°20	18° 5	0°52	19° 3	4°55	4°28	5° 7	12°56	18°49	F 14
S 15	19 37 56	25° 1'32	23°14	21°28	9°30	12°28	11°32	18°12	0°52	19° 4	4°57	4°29	5° 4	13° 3	18°55	S 15
S 16	19 41 52	25°58'53	5♈35	20°56	10°18	12°59	11°44	18°20	0°51	19° 5	4°58	4°30	5° 1	13°10	19° 1	S 16
M17	19 45 49	26°56'14	17°42	20°27	11° 6	13°29	11°57	18°27	0°51	19° 6	4°59	4°30	4°58	13°16	19° 7	M17
T 18	19 49 46	27°53'35	29°40	20° 0	11°53	14° 0	12° 9	18°35	0°50	19° 7	5° 1	4°R30	4°55	13°23	19°12	T 18
W19	19 53 42	28°50'55	11♉33	19°36	12°39	14°31	12°21	18°42	0°49	19° 8	5° 2	4°30	4°51	13°30	19°18	W19
T 20	19 57 39	29°48'16	23°27	19°16	13°24	15° 3	12°33	18°49	0°49	19°10	5° 4	4°30	4°48	13°37	19°24	T 20
F 21	20 1 35	0♌45'36	5♊25	19° 0	14° 8	15°34	12°45	18°57	0°48	19°11	5° 5	4°29	4°45	13°43	19°30	F 21
S 22	20 5 32	1°42'57	17°31	18°47	14°51	16° 6	12°56	19° 4	0°47	19°11	5° 7	4°29	4°42	13°50	19°35	S 22
S 23	20 9 28	2°40'17	29°49	18°39	15°33	16°37	13° 8	19°12	0°46	19°12	5° 8	4°28	4°39	13°57	19°41	S 23
M24	20 13 25	3°37'37	12♋20	18°D35	16°15	17° 9	13°20	19°20	0°45	19°13	5°10	4°28	4°36	14° 3	19°47	M24
T 25	20 17 22	4°34'56	25° 7	18°36	16°55	17°41	13°31	19°27	0°44	19°14	5°12	4°D28	4°32	14°10	19°52	T 25
W26	20 21 18	5°32'16	8♌10	18°42	17°34	18°13	13°43	19°35	0°43	19°15	5°13	4°R28	4°29	14°17	19°58	W26
T 27	20 25 15	6°29'35	21°29	18°53	18°12	18°45	13°54	19°42	0°42	19°16	5°15	4°28	4°26	14°24	20° 4	T 27
F 28	20 29 11	7°26'54	5♍ 3	19° 9	18°49	19°18	14° 5	19°50	0°41	19°17	5°16	4°28	4°23	14°30	20° 9	F 28
S 29	20 33 8	8°24'13	18°50	19°29	19°25	19°50	14°16	19°58	0°40	19°17	5°18	4°28	4°20	14°37	20°15	S 29
S 30	20 37 4	9°21'31	2♎47	19°55	19°59	20°23	14°27	20° 5	0°39	19°18	5°20	4°27	4°16	14°44	20°20	S 30
M31	20 41 1	10♌18'49	16♎52	20♋25	20♍32	20♎56	14♊38	20♌13	0♈38	19♉19	5♍21	4♒27	4♒13	14♉50	20♋26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n43	5n35	2s56	19n25	1s 7	14n14	1n58	1s35	0n42	20n41	0s52	16n10	0n27	0s23	0s48	15n46	1s32	15n55	6n39	18s57	18s39	20n 1	15n33	6s35
S 2	22 38	0s28	3 53	19 10	1 24	13 51	1 55	1 47	0 41	20 43	0 52	16 8	0 27	0 23	0 48	15 46	1 32	15 54	6 39	18 57	18 40	20 3	15 32	6 35
M 3	22 33	6 35	4 37	18 54	1 41	13 28	1 51	1 59	0 40	20 45	0 52	16 6	0 27	0 23	0 48	15 47	1 32	15 54	6 39	18 56	18 41	20 5	15 32	6 35
T 4	22 27	12 29	5 5	18 40	1 58	13 5	1 47	2 11	0 38	20 47	0 52	16 4	0 27	0 23	0 48	15 47	1 32	15 53	6 39	18 56	18 41	20 7	15 31	6 35
W 5	22 20	17 47	5 15	18 26	2 16	12 41	1 43	2 23	0 37	20 49	0 52	16 2	0 27	0 23	0 48	15 47	1 32	15 53	6 39	18 57	18 42	20 9	15 30	6 35
T 6	22 14	22 9	5 5	18 14	2 33	12 18	1 38	2 36	0 36	20 51	0 52	16 0	0 28	0 23	0 48	15 48	1 32	15 52	6 39	18 57	18 43	20 11	15 29	6 35
F 7	22 6	25 9	4 36	18 2	2 49	11 54	1 34	2 48	0 35	20 53	0 52	15 58	0 28	0 23	0 48	15 48	1 32	15 52	6 39	18 57	18 44	20 13	15 29	6 35
S 8	21 59	26 29	3 49	17 51	3 5	11 31	1 29	3 1	0 34	20 54	0 52	15 56	0 28	0 23	0 48	15 48	1 33	15 51	6 39	18 58	18 44	20 15	15 28	6 35
S 9	21 51	26 0	2 48	17 41	3 21	11 7	1 24	3 13	0 32	20 56	0 52	15 54	0 28	0 23	0 48	15 49	1 33	15 51	6 39	18 58	18 45	20 17	15 27	6 35
M10	21 43	23 48	1 37	17 32	3 35	10 43	1 19	3 26	0 31	20 58	0 52	15 52	0 28	0 23	0 48	15 49	1 33	15 50	6 39	18 59	18 46	20 18	15 26	6 35
T 11	21 34	20 10	0 21	17 24	3 49	10 19	1 14	3 38	0 30	21 0	0 52	15 50	0 28	0 23	0 48	15 49	1 33	15 50	6 38	18 59	18 47	20 20	15 25	6 35
W12	21 25	15 31	0n54	17 17	4 2	9 55	1 8	3 51	0 29	21 1	0 52	15 47	0 28	0 24	0 48	15 50	1 33	15 49	6 38	18 59	18 47	20 22	15 25	6 35
T 13	21 16	10 14	2 5	17 12	4 13	9 31	1 3	4 4	0 28	21 3	0 52	15 45	0 28	0 24	0 49	15 50	1 33	15 49	6 38	18 59	18 48	20 24	15 24	6 35
F 14	21 6	4 38	3 7	17 7	4 23	9 7	0 57	4 17	0 27	21 5	0 52	15 43	0 28	0 24	0 49	15 50	1 33	15 48	6 38	18 58	18 49	20 26	15 23	6 36
S 15	20 56	0n59	3 58	17 4	4 31	8 43	0 51	4 29	0 26	21 6	0 52	15 41	0 28	0 24	0 49	15 50	1 33	15 47	6 38	18 58	18 50	20 28	15 22	6 36
S 16	20 46	6 27	4 37	17 1	4 38	8 19	0 44	4 42	0 25	21 8	0 52	15 39	0 28	0 24	0 49	15 51	1 33	15 47	6 38	18 58	18 51	20 30	15 21	6 36
M17	20 35	11 33	5 3	17 0	4 44	7 55	0 38	4 55	0 24	21 10	0 52	15 37	0 28	0 25	0 49	15 51	1 33	15 46	6 38	18 58	18 51	20 32	15 20	6 36
T 18	20 24	16 10	5 15	17 0	4 48	7 31	0 31	5 8	0 23	21 11	0 52	15 34	0 28	0 25	0 49	15 51	1 33	15 46	6 38	18 58	18 52	20 34	15 20	6 36
W19	20 12	20 9	5 14	17 0	4 51	7 8	0 24	5 21	0 21	21 13	0 52	15 32	0 28	0 25	0 49	15 51	1 33	15 45	6 38	18 58	18 53	20 36	15 19	6 36
T 20	20 1	23 18	5 0	17 2	4 52	6 44	0 17	5 34	0 20	21 14	0 52	15 30	0 28	0 26	0 49	15 52	1 33	15 45	6 38	18 58	18 54	20 38	15 18	6 36
F 21	19 48	25 28	4 32	17 5	4 51	6 20	0 9	5 47	0 19	21 16	0 52	15 28	0 28	0 26	0 49	15 52	1 33	15 44	6 38	18 58	18 54	20 40	15 17	6 36
S 22	19 36	26 29	3 52	17 8	4 50	5 56	0 2	6 0	0 18	21 17	0 52	15 25	0 29	0 26	0 49	15 52	1 33	15 43	6 38	18 58	18 55	20 42	15 16	6 36
S 23	19 23	26 14	3 0	17 13	4 46	5 33	0s 6	6 12	0 17	21 18	0 52	15 23	0 29	0 27	0 49	15 52	1 33	15 43	6 38	18 58	18 56	20 44	15 15	6 37
M24	19 10	24 39	2 0	17 17	4 42	5 10	0 14	6 26	0 16	21 20	0 52	15 21	0 29	0 27	0 49	15 53	1 33	15 42	6 38	18 58	18 57	20 46	15 14	6 37
T 25	18 57	21 46	0 52	17 23	4 36	4 47	0 22	6 39	0 15	21 21	0 52	15 19	0 29	0 28	0 49	15 53	1 33	15 42	6 38	18 58	18 57	20 47	15 13	6 37
W26	18 43	17 44	0s20	17 29	4 30	4 24	0 31	6 52	0 14	21 22	0 52	15 16	0 29	0 28	0 49	15 53	1 33	15 41	6 38	18 58	18 58	20 49	15 12	6 37
T 27	18 29	12 45	1 33	17 35	4 22	4 1	0 40	7 5	0 13	21 24	0 52	15 14	0 29	0 28	0 49	15 53	1 33	15 40	6 38	18 58	18 59	20 51	15 11	6 37
F 28	18 15	7 4	2 41	17 42	4 13	3 38	0 49	7 18	0 12	21 25	0 52	15 12	0 29	0 29	0 49	15 53	1 34	15 40	6 38	18 58	19 0	20 53	15 10	6 37
S 29	18 0	0 59	3 42	17 48	4 4	3 16	0 58	7 31	0 11	21 26	0 53	15 9	0 29	0 29	0 49	15 53	1 34	15 39	6 38	18 58	19 0	20 55	15 9	6 38
S 30	17 45	5s14	4 30	17 55	3 53	2 54	1 7	7 44	0 11	21 27	0 53	15 7	0 29	0 30	0 49	15 54	1 34	15 39	6 38	18 59	19 1	20 57	15 8	6 38
M31	17n30	11s13	5s 2	18n 2	3s42	2n32	1s17	7s57	0n10	21n29	0s53	15n 5	0n29	0s30	0s49	15n54	1s34	15n38	6n38	18s59	19s 2	20n59	15n 7	6s38

Julian Day Number = 3066795.5, Delta T = 02h34m24s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'24, Lahiri = 47°28'25

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

AUGUST 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 44 57	11♌16'06	1♏ 4	21♋ 1	21♍ 4	21♎29	14♊49	20♌21	0°R36	19♉20	5♍23	4°R26	4♒10	14♉57	20♋32	T 1
W 2	20 48 54	12°13'24	15°18	21°41	21°34	22° 2	15° 0	20°28	0♈35	19°20	5°24	4°D26	4° 7	15° 4	20°37	W 2
T 3	20 52 51	13°10'41	29°32	22°27	22° 3	22°35	15°11	20°36	0°34	19°21	5°26	4♒27	4° 4	15°11	20°43	T 3
F 4	20 56 47	14° 7'58	13♐45	23°17	22°30	23° 8	15°21	20°44	0°32	19°21	5°28	4°27	4° 1	15°17	20°48	F 4
S 5	21 0 44	15° 5'14	27°52	24°11	22°56	23°42	15°32	20°52	0°31	19°22	5°29	4°28	3°57	15°24	20°54	S 5
S 6	21 4 40	16° 2'31	11♑52	25°11	23°20	24°15	15°42	20°59	0°29	19°22	5°31	4°29	3°54	15°31	20°59	S 6
M 7	21 8 37	16°59'47	25°42	26°15	23°42	24°49	15°52	21° 7	0°28	19°23	5°33	4°29	3°51	15°38	21° 4	M 7
T 8	21 12 33	17°57'04	9♒19	27°24	24° 2	25°23	16° 2	21°15	0°26	19°23	5°35	4°R30	3°48	15°44	21°10	T 8
W 9	21 16 30	18°54'20	22°41	28°37	24°21	25°57	16°12	21°22	0°25	19°24	5°36	4°29	3°45	15°51	21°15	W 9
T 10	21 20 26	19°51'37	5♓48	29°54	24°38	26°31	16°22	21°30	0°23	19°24	5°38	4°28	3°42	15°58	21°20	T 10
F 11	21 24 23	20°48'54	18°38	1♌16	24°53	27° 5	16°32	21°38	0°22	19°24	5°40	4°26	3°38	16° 4	21°26	F 11
S 12	21 28 20	21°46'11	1♈11	2°43	25° 5	27°39	16°42	21°46	0°20	19°25	5°41	4°23	3°35	16°11	21°31	S 12
S 13	21 32 16	22°43'29	13°30	4°13	25°16	28°14	16°51	21°53	0°18	19°25	5°43	4°21	3°32	16°18	21°36	S 13
M14	21 36 13	23°40'48	25°37	5°47	25°25	28°48	17° 1	22° 1	0°16	19°25	5°45	4°18	3°29	16°25	21°42	M14
T 15	21 40 9	24°38'07	7♉36	7°26	25°31	29°23	17°10	22° 9	0°15	19°25	5°47	4°16	3°26	16°31	21°47	T 15
W16	21 44 6	25°35'27	19°29	9° 8	25°35	29°57	17°19	22°17	0°13	19°26	5°48	4°15	3°22	16°38	21°52	W16
T 17	21 48 2	26°32'47	1♊23	10°54	25°R37	0♏32	17°28	22°24	0°11	19°26	5°50	4°D15	3°19	16°45	21°57	T 17
F 18	21 51 59	27°30'08	13°21	12°42	25°37	1° 7	17°37	22°32	0° 9	19°26	5°52	4°16	3°16	16°51	22° 2	F 18
S 19	21 55 55	28°27'30	25°28	14°35	25°35	1°42	17°46	22°40	0° 7	19°26	5°54	4°17	3°13	16°58	22° 7	S 19
S 20	21 59 52	29°24'53	7♋49	16°29	25°30	2°18	17°55	22°48	0° 5	19°26	5°56	4°19	3°10	17° 5	22°12	S 20
M21	22 3 49	0♍22'17	20°27	18°27	25°22	2°53	18° 4	22°55	0° 3	19°R26	5°57	4°20	3° 7	17°12	22°17	M21
T 22	22 7 45	1°19'41	3♌25	20°26	25°13	3°28	18°12	23° 3	0° 1	19°26	5°59	4°R21	3° 3	17°18	22°22	T 22
W23	22 11 42	2°17'06	16°44	22°28	25° 1	4° 4	18°20	23°11	29♓59	19°26	6° 1	4°21	3° 0	17°25	22°27	W23
T 24	22 15 38	3°14'32	0♍25	24°31	24°46	4°39	18°28	23°18	29°57	19°26	6° 3	4°19	2°57	17°32	22°32	T 24
F 25	22 19 35	4°11'58	14°24	26°35	24°29	5°15	18°36	23°26	29°55	19°26	6° 4	4°15	2°54	17°38	22°37	F 25
S 26	22 23 31	5° 9'25	28°39	28°40	24°10	5°51	18°44	23°34	29°53	19°25	6° 6	4°11	2°51	17°45	22°41	S 26
S 27	22 27 28	6° 6'52	13♎ 3	0♍45	23°49	6°27	18°52	23°41	29°51	19°25	6° 8	4° 7	2°47	17°52	22°46	S 27
M28	22 31 24	7° 4'20	27°32	2°51	23°25	7° 3	19° 0	23°49	29°49	19°25	6°10	4° 2	2°44	17°59	22°51	M28
T 29	22 35 21	8° 1'49	11♏59	4°56	23° 0	7°39	19° 7	23°57	29°47	19°25	6°12	3°59	2°41	18° 5	22°55	T 29
W30	22 39 17	8°59'18	26°20	7° 1	22°32	8°15	19°14	24° 4	29°45	19°25	6°13	3°57	2°38	18°12	23° 0	W30
T 31	22 43 14	9♍56'48	10♐33	9♍ 6	22♍ 3	8♏51	19♊22	24♌12	29♓42	19♉24	6♍15	3°D56	2♒35	18♉19	23♋ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n14	16s40	5s16	18n 8	3s30	2n11	1s27	8s10	0n 9	21n30	0s53	15n 2	0n29	0s31	0s49	15n54	1s34	15n37	6n38	18s59	19s 3	21n 0	15n 6	6s38
W 2	16 59	21 14	5 11	18 14	3 18	1 49	1 37	8 23	0 8	21 31	0 53	15 0	0 29	0 31	0 49	15 54	1 34	15 37	6 38	18 59	19 3	21 2	15 5	6 38
T 3	16 43	24 32	4 47	18 19	3 5	1 29	1 48	8 36	0 7	21 32	0 53	14 58	0 29	0 32	0 49	15 54	1 34	15 36	6 38	18 59	19 4	21 4	15 4	6 39
F 4	16 26	26 18	4 5	18 24	2 52	1 8	1 58	8 49	0 6	21 33	0 53	14 55	0 29	0 33	0 49	15 54	1 34	15 35	6 38	18 59	19 5	21 6	15 3	6 39
S 5	16 10	26 21	3 9	18 28	2 39	0 48	2 9	9 2	0 5	21 34	0 53	14 53	0 30	0 33	0 49	15 54	1 34	15 35	6 38	18 58	19 6	21 8	15 2	6 39
S 6	15 53	24 43	2 2	18 32	2 25	0 29	2 20	9 16	0 4	21 35	0 53	14 50	0 30	0 34	0 49	15 54	1 34	15 34	6 38	18 58	19 6	21 10	15 1	6 39
M 7	15 36	21 36	0 48	18 34	2 11	0 9	2 32	9 29	0 3	21 36	0 53	14 48	0 30	0 34	0 49	15 54	1 34	15 34	6 38	18 58	19 7	21 11	15 0	6 40
T 8	15 19	17 20	0n27	18 35	1 57	0s 9	2 43	9 42	0 2	21 37	0 53	14 46	0 30	0 35	0 49	15 54	1 34	15 33	6 38	18 58	19 8	21 13	14 59	6 40
W 9	15 1	12 16	1 39	18 34	1 43	0 27	2 55	9 55	0 1	21 38	0 53	14 43	0 30	0 36	0 49	15 54	1 34	15 32	6 38	18 58	19 8	21 15	14 58	6 40
T 10	14 44	6 45	2 44	18 32	1 29	0 45	3 7	10 8	0 1	21 39	0 53	14 41	0 30	0 36	0 49	15 54	1 34	15 32	6 38	18 58	19 9	21 17	14 57	6 40
F 11	14 26	1 5	3 40	18 29	1 15	1 2	3 19	10 21	0s 0	21 40	0 53	14 39	0 30	0 37	0 49	15 55	1 34	15 31	6 38	18 59	19 10	21 19	14 56	6 41
S 12	14 7	4n30	4 24	18 23	1 1	1 18	3 31	10 34	0 1	21 41	0 53	14 36	0 30	0 38	0 49	15 55	1 34	15 31	6 38	18 59	19 11	21 20	14 55	6 41
S 13	13 49	9 48	4 54	18 16	0 47	1 34	3 44	10 47	0 2	21 42	0 54	14 34	0 30	0 38	0 50	15 55	1 34	15 30	6 38	19 0	19 11	21 22	14 54	6 41
M14	13 30	14 39	5 11	18 7	0 33	1 49	3 56	11 0	0 3	21 42	0 54	14 31	0 30	0 39	0 50	15 55	1 34	15 29	6 38	19 1	19 12	21 24	14 53	6 42
T 15	13 12	18 52	5 14	17 55	0 20	2 3	4 9	11 13	0 4	21 43	0 54	14 29	0 30	0 40	0 50	15 55	1 35	15 29	6 38	19 1	19 13	21 26	14 52	6 42
W16	12 53	22 19	5 4	17 42	0 7	2 17	4 22	11 26	0 4	21 44	0 54	14 27	0 30	0 41	0 50	15 55	1 35	15 28	6 38	19 1	19 14	21 27	14 51	6 42
T 17	12 33	24 49	4 40	17 25	0n 5	2 29	4 35	11 38	0 5	21 45	0 54	14 24	0 31	0 41	0 50	15 55	1 35	15 27	6 38	19 1	19 14	21 29	14 49	6 43
F 18	12 14	26 14	4 5	17 7	0 17	2 41	4 48	11 51	0 6	21 46	0 54	14 22	0 31	0 42	0 50	15 55	1 35	15 27	6 38	19 1	19 15	21 31	14 48	6 43
S 19	11 54	26 26	3 18	16 46	0 28	2 52	5 1	12 4	0 7	21 46	0 54	14 19	0 31	0 43	0 50	15 55	1 35	15 26	6 38	19 1	19 16	21 33	14 47	6 43
S 20	11 34	25 20	2 21	16 22	0 39	3 2	5 14	12 17	0 8	21 47	0 54	14 17	0 31	0 44	0 50	15 54	1 35	15 26	6 38	19 0	19 17	21 34	14 46	6 44
M21	11 15	22 56	1 16	15 56	0 49	3 11	5 27	12 30	0 9	21 48	0 54	14 14	0 31	0 44	0 50	15 54	1 35	15 25	6 38	19 0	19 17	21 36	14 45	6 44
T 22	10 54	19 18	0 5	15 28	0 58	3 19	5 40	12 42	0 9	21 48	0 54	14 12	0 31	0 45	0 50	15 54	1 35	15 24	6 38	19 0	19 18	21 38	14 44	6 44
W23	10 34	14 36	1s 7	14 57	1 6	3 26	5 53	12 55	0 10	21 49	0 54	14 10	0 31	0 46	0 50	15 54	1 35	15 24	6 38	19 0	19 19	21 40	14 43	6 45
T 24	10 14	9 5	2 18	14 24	1 14	3 32	6 5	13 8	0 11	21 50	0 54	14 7	0 31	0 47	0 50	15 54	1 35	15 23	6 38	19 1	19 19	21 41	14 42	6 45
F 25	9 53	2 59	3 22	13 49	1 21	3 37	6 18	13 20	0 12	21 50	0 55	14 5	0 31	0 48	0 50	15 54	1 35	15 23	6 39	19 1	19 20	21 43	14 40	6 46
S 26	9 32	3s21	4 14	13 11	1 27	3 41	6 30	13 33	0 12	21 51	0 55	14 2	0 31	0 48	0 50	15 54	1 35	15 22	6 39	19 2	19 21	21 45	14 39	6 46
S 27	9 11	9 35	4 51	12 32	1 32	3 43	6 42	13 45	0 13	21 51	0 55	14 0	0 31	0 49	0 50	15 54	1 35	15 21	6 39	19 3	19 22	21 46	14 38	6 46
M28	8 50	15 19	5 9	11 52	1 36	3 45	6 53	13 58	0 14	21 52	0 55	13 57	0 32	0 50	0 50	15 54	1 35	15 21	6 39	19 4	19 22	21 48	14 37	6 47
T 29	8 29	20 11	5 8	11 9	1 39	3 45	7 4	14 10	0 15	21 52	0 55	13 55	0 32	0 51	0 50	15 54	1 35	15 20	6 39	19 5	19 23	21 50	14 36	6 47
W30	8 8	23 50	4 48	10 26	1 42	3 44	7 15	14 22	0 15	21 53	0 55	13 53	0 32	0 52	0 50	15 54	1 35	15 20	6 39	19 6	19 24	21 51	14 35	6 48
T 31	7n46	25s57	4s10	9n41	1n43	3s42	7s25	14s35	0s16	21n53	0s55	13n50	0n32	0s53	0s50	15n53	1s35	15n19	6n39	19s 6	19s24	21n53	14n34	6s48

Julian Day Number = 3066826.5, Delta T = 02h34m25s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'29, Lahiri = 47°28'29

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

SEPTEMBER 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 47 11	10♍54'19	24♐34	11♍10	21°R32	9♏28	19♊29	24♌19	29°R40	19°R24	6♍17	3♒57	2♒32	18♉25	23♋ 9	F 1
S 2	22 51 7	11°51'50	8♑23	13°13	20♍59	10° 4	19°36	24°27	29♓38	19♉23	6°19	3°58	2°28	18°32	23°14	S 2
S 3	22 55 4	12°49'22	21°59	15°15	20°25	10°41	19°42	24°34	29°36	19°23	6°21	3°59	2°25	18°39	23°18	S 3
M 4	22 59 0	13°46'54	5♒24	17°16	19°50	11°18	19°49	24°42	29°33	19°23	6°22	4°R 0	2°22	18°46	23°22	M 4
T 5	23 2 57	14°44'27	18°37	19°15	19°14	11°55	19°55	24°49	29°31	19°22	6°24	3°59	2°19	18°52	23°27	T 5
W 6	23 6 53	15°42'01	1♓37	21°14	18°37	12°31	20° 1	24°57	29°29	19°22	6°26	3°56	2°16	18°59	23°31	W 6
T 7	23 10 50	16°39'36	14°26	23°11	18° 0	13° 8	20° 7	25° 4	29°26	19°21	6°28	3°51	2°13	19° 6	23°35	T 7
F 8	23 14 46	17°37'12	27° 2	25° 6	17°22	13°45	20°13	25°12	29°24	19°21	6°29	3°45	2° 9	19°12	23°39	F 8
S 9	23 18 43	18°34'49	9♈26	27° 0	16°44	14°23	20°19	25°19	29°22	19°20	6°31	3°37	2° 6	19°19	23°43	S 9
S 10	23 22 40	19°32'27	21°39	28°53	16° 7	15° 0	20°25	25°26	29°19	19°19	6°33	3°28	2° 3	19°26	23°47	S 10
M11	23 26 36	20°30'07	3♉43	0♎44	15°30	15°37	20°30	25°34	29°17	19°19	6°35	3°20	2° 0	19°33	23°51	M11
T 12	23 30 33	21°27'48	15°39	2°34	14°54	16°15	20°35	25°41	29°15	19°18	6°36	3°14	1°57	19°39	23°55	T 12
W13	23 34 29	22°25'30	27°31	4°22	14°19	16°52	20°40	25°48	29°12	19°17	6°38	3° 9	1°53	19°46	23°59	W13
T 14	23 38 26	23°23'14	9♊23	6° 9	13°45	17°30	20°45	25°55	29°10	19°17	6°40	3° 5	1°50	19°53	24° 3	T 14
F 15	23 42 22	24°21'00	21°19	7°55	13°13	18° 8	20°50	26° 3	29° 8	19°16	6°42	3°D 4	1°47	20° 0	24° 7	F 15
S 16	23 46 19	25°18'47	3♋24	9°39	12°42	18°45	20°55	26°10	29° 5	19°15	6°43	3° 4	1°44	20° 6	24°10	S 16
S 17	23 50 15	26°16'35	15°44	11°21	12°13	19°23	20°59	26°17	29° 3	19°14	6°45	3° 5	1°41	20°13	24°14	S 17
M18	23 54 12	27°14'25	28°22	13° 3	11°45	20° 1	21° 3	26°24	29° 0	19°13	6°47	3°R 6	1°38	20°20	24°18	M18
T 19	23 58 9	28°12'17	11♌24	14°43	11°20	20°39	21° 7	26°31	28°58	19°12	6°48	3° 6	1°34	20°26	24°21	T 19
W20	0 2 5	29°10'10	24°51	16°21	10°57	21°18	21°11	26°38	28°56	19°11	6°50	3° 4	1°31	20°33	24°25	W20
T 21	0 6 2	0♎ 8'05	8♍45	17°58	10°35	21°56	21°15	26°45	28°53	19°11	6°52	3° 0	1°28	20°40	24°28	T 21
F 22	0 9 58	1° 6'01	23° 4	19°34	10°17	22°34	21°18	26°52	28°51	19°10	6°53	2°53	1°25	20°47	24°31	F 22
S 23	0 13 55	2° 3'58	7♎42	21° 9	10° 0	23°13	21°21	26°58	28°48	19° 9	6°55	2°45	1°22	20°53	24°34	S 23
S 24	0 17 51	3° 1'58	22°33	22°42	9°46	23°51	21°25	27° 5	28°46	19° 8	6°57	2°35	1°19	21° 0	24°38	S 24
M25	0 21 48	3°59'58	7♏27	24°14	9°34	24°30	21°27	27°12	28°44	19° 7	6°58	2°27	1°15	21° 7	24°41	M25
T 26	0 25 44	4°58'00	22°17	25°45	9°25	25° 9	21°30	27°19	28°41	19° 5	7° 0	2°19	1°12	21°13	24°44	T 26
W27	0 29 41	5°56'03	6♐54	27°14	9°18	25°47	21°33	27°25	28°39	19° 4	7° 1	2°14	1° 9	21°20	24°47	W27
T 28	0 33 38	6°54'08	21°14	28°42	9°13	26°26	21°35	27°32	28°37	19° 3	7° 3	2°11	1° 6	21°27	24°50	T 28
F 29	0 37 34	7°52'13	5♑15	0♏ 9	9°D11	27° 5	21°37	27°39	28°34	19° 2	7° 5	2°D10	1° 3	21°34	24°53	F 29
S 30	0 41 31	8♎50'20	18♑57	1♏35	9♍11	27♏44	21♊39	27♌45	28♓32	19♉ 1	7♍ 6	2♒10	0♒59	21♉40	24♋55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n25	26s25	3s18	8n55	1n44	3s39	7s34	14s47	0s17	21n54	0s55	13n48	0n32	0s54	0s50	15n53	1s35	15n18	6n39	19s 6	19s25	21n55	14n33	6s48
S 2	7 3	25 12	2 15	8 9	1 45	3 34	7 43	14 59	0 18	21 54	0 55	13 45	0 32	0 55	0 50	15 53	1 36	15 18	6 39	19 5	19 26	21 56	14 31	6 49
S 3	6 41	22 31	1 5	7 22	1 44	3 28	7 51	15 11	0 18	21 55	0 55	13 43	0 32	0 55	0 50	15 53	1 36	15 17	6 39	19 5	19 27	21 58	14 30	6 49
M 4	6 19	18 38	0n 8	6 34	1 43	3 22	7 59	15 23	0 19	21 55	0 55	13 41	0 32	0 56	0 50	15 53	1 36	15 17	6 39	19 5	19 27	22 0	14 29	6 50
T 5	5 57	13 52	1 18	5 46	1 41	3 14	8 5	15 35	0 20	21 55	0 56	13 38	0 32	0 57	0 50	15 53	1 36	15 16	6 39	19 5	19 28	22 1	14 28	6 50
W 6	5 35	8 33	2 24	4 58	1 39	3 5	8 11	15 47	0 20	21 56	0 56	13 36	0 32	0 58	0 50	15 52	1 36	15 15	6 40	19 6	19 29	22 3	14 27	6 51
T 7	5 13	2 59	3 21	4 9	1 36	2 55	8 16	15 59	0 21	21 56	0 56	13 34	0 33	0 59	0 50	15 52	1 36	15 15	6 40	19 7	19 29	22 5	14 26	6 51
F 8	4 51	2n37	4 7	3 21	1 32	2 44	8 20	16 10	0 22	21 56	0 56	13 31	0 33	1 0	0 50	15 52	1 36	15 14	6 40	19 8	19 30	22 6	14 25	6 52
S 9	4 29	8 1	4 41	2 32	1 28	2 33	8 23	16 22	0 23	21 57	0 56	13 29	0 33	1 1	0 50	15 52	1 36	15 14	6 40	19 10	19 31	22 8	14 23	6 52
S 10	4 6	13 1	5 1	1 44	1 24	2 21	8 25	16 34	0 23	21 57	0 56	13 27	0 33	1 2	0 50	15 52	1 36	15 13	6 40	19 12	19 32	22 9	14 22	6 53
M11	3 44	17 28	5 7	0 55	1 19	2 8	8 26	16 45	0 24	21 57	0 56	13 24	0 33	1 3	0 50	15 51	1 36	15 13	6 40	19 14	19 32	22 11	14 21	6 53
T 12	3 21	21 10	5 0	0 7	1 14	1 55	8 27	16 56	0 25	21 58	0 56	13 22	0 33	1 4	0 50	15 51	1 36	15 12	6 40	19 16	19 33	22 13	14 20	6 54
W13	2 59	23 59	4 40	0s40	1 8	1 41	8 26	17 8	0 25	21 58	0 56	13 20	0 33	1 5	0 50	15 51	1 36	15 12	6 40	19 17	19 34	22 14	14 19	6 54
T 14	2 36	25 45	4 8	1 28	1 3	1 27	8 25	17 19	0 26	21 58	0 56	13 17	0 33	1 6	0 50	15 51	1 36	15 11	6 40	19 17	19 34	22 16	14 18	6 55
F 15	2 14	26 21	3 25	2 15	0 56	1 13	8 23	17 30	0 27	21 58	0 57	13 15	0 33	1 7	0 50	15 50	1 36	15 11	6 41	19 18	19 35	22 17	14 17	6 55
S 16	1 51	25 43	2 33	3 1	0 50	0 58	8 19	17 41	0 27	21 58	0 57	13 13	0 33	1 8	0 50	15 50	1 36	15 10	6 41	19 18	19 36	22 19	14 15	6 56
S 17	1 28	23 50	1 32	3 47	0 43	0 44	8 16	17 52	0 28	21 59	0 57	13 10	0 34	1 8	0 50	15 50	1 36	15 10	6 41	19 17	19 36	22 20	14 14	6 56
M18	1 5	20 43	0 25	4 33	0 36	0 30	8 11	18 3	0 28	21 59	0 57	13 8	0 34	1 9	0 50	15 50	1 36	15 9	6 41	19 17	19 37	22 22	14 13	6 57
T 19	0 42	16 30	0s44	5 18	0 29	0 15	8 6	18 13	0 29	21 59	0 57	13 6	0 34	1 10	0 50	15 49	1 36	15 9	6 41	19 17	19 38	22 23	14 12	6 57
W20	0 20	11 20	1 54	6 2	0 22	0 1	8 0	18 24	0 30	21 59	0 57	13 4	0 34	1 11	0 50	15 49	1 36	15 8	6 41	19 18	19 39	22 25	14 11	6 58
T 21	0s 3	5 27	2 59	6 46	0 14	0n13	7 53	18 35	0 30	21 59	0 57	13 1	0 34	1 12	0 50	15 49	1 36	15 8	6 41	19 19	19 39	22 27	14 10	6 58
F 22	0 26	0s52	3 54	7 30	0 6	0 26	7 46	18 45	0 31	21 59	0 57	12 59	0 34	1 13	0 50	15 48	1 36	15 7	6 41	19 20	19 40	22 28	14 9	6 59
S 23	0 49	7 15	4 36	8 12	0s 1	0 39	7 39	18 55	0 32	22 0	0 57	12 57	0 34	1 14	0 50	15 48	1 37	15 7	6 42	19 22	19 41	22 30	14 8	7 0
S 24	1 12	13 19	4 59	8 54	0 9	0 52	7 31	19 5	0 32	22 0	0 57	12 55	0 34	1 15	0 50	15 48	1 37	15 6	6 42	19 24	19 41	22 31	14 7	7 0
M25	1 35	18 38	5 3	9 35	0 17	1 4	7 22	19 15	0 33	22 0	0 58	12 52	0 34	1 16	0 50	15 48	1 37	15 6	6 42	19 26	19 42	22 33	14 5	7 1
T 26	1 57	22 46	4 46	10 16	0 26	1 16	7 13	19 25	0 33	22 0	0 58	12 50	0 35	1 17	0 50	15 47	1 37	15 5	6 42	19 28	19 43	22 34	14 4	7 1
W27	2 20	25 23	4 10	10 55	0 34	1 27	7 4	19 35	0 34	22 0	0 58	12 48	0 35	1 18	0 50	15 47	1 37	15 5	6 42	19 29	19 43	22 36	14 3	7 2
T 28	2 43	26 16	3 20	11 34	0 42	1 37	6 55	19 45	0 35	22 0	0 58	12 46	0 35	1 19	0 50	15 47	1 37	15 4	6 42	19 30	19 44	22 37	14 2	7 2
F 29	3 6	25 25	2 18	12 13	0 50	1 47	6 45	19 54	0 35	22 0	0 58	12 44	0 35	1 20	0 50	15 46	1 37	15 4	6 43	19 30	19 45	22 39	14 1	7 3
S 30	3s28	23s 3	1s10	12s50	0s59	1n56	6s35	20s 4	0s36	22n 0	0s58	12n42	0n35	1s21	0s50	15n46	1s37	15n 3	6n43	19s30	19s45	22n40	14n 0	7s 4

Julian Day Number = 3066857.5, Delta T = 02h34m25s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'33, Lahiri = 47°28'33

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

OCTOBER 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 45 27	9♎48'29	2♒20	2♏59	9♍14	28♏23	21♊41	27♌52	28°R30	19°R 0	7♍ 8	2°R10	0♒56	21♉47	24♋58	S 1
M 2	0 49 24	10°46'38	15°27	4°21	9°19	29° 3	21°42	27°58	28♓27	18♉59	7° 9	2♒ 9	0°53	21°54	25° 1	M 2
T 3	0 53 20	11°44'49	28°20	5°42	9°26	29°42	21°44	28° 4	28°25	18°57	7°11	2° 7	0°50	22° 0	25° 3	T 3
W 4	0 57 17	12°43'01	11♓ 1	7° 2	9°35	0♐21	21°45	28°11	28°23	18°56	7°12	2° 1	0°47	22° 7	25° 6	W 4
T 5	1 1 13	13°41'15	23°32	8°21	9°46	1° 1	21°46	28°17	28°20	18°55	7°14	1°53	0°44	22°14	25° 8	T 5
F 6	1 5 10	14°39'30	5♈53	9°37	10° 0	1°40	21°47	28°23	28°18	18°53	7°15	1°42	0°40	22°20	25°10	F 6
S 7	1 9 6	15°37'48	18° 6	10°52	10°15	2°20	21°47	28°29	28°16	18°52	7°17	1°30	0°37	22°27	25°13	S 7
S 8	1 13 3	16°36'06	0♉11	12° 6	10°32	3° 0	21°47	28°35	28°14	18°51	7°18	1°16	0°34	22°34	25°15	S 8
M 9	1 17 0	17°34'27	12°10	13°17	10°52	3°40	21°R48	28°41	28°11	18°49	7°20	1° 4	0°31	22°41	25°17	M 9
T 10	1 20 56	18°32'49	24° 3	14°27	11°13	4°19	21°48	28°47	28° 9	18°48	7°21	0°52	0°28	22°47	25°19	T 10
W11	1 24 53	19°31'14	5♊53	15°35	11°36	4°59	21°47	28°53	28° 7	18°47	7°23	0°43	0°24	22°54	25°21	W11
T 12	1 28 49	20°29'40	17°44	16°41	12° 1	5°39	21°47	28°59	28° 5	18°45	7°24	0°36	0°21	23° 1	25°23	T 12
F 13	1 32 46	21°28'09	29°38	17°45	12°27	6°20	21°46	29° 5	28° 3	18°44	7°25	0°32	0°18	23° 7	25°25	F 13
S 14	1 36 42	22°26'39	11♋41	18°46	12°55	7° 0	21°45	29°10	28° 0	18°42	7°27	0°30	0°15	23°14	25°26	S 14
S 15	1 40 39	23°25'12	23°57	19°45	13°25	7°40	21°44	29°16	27°58	18°41	7°28	0°30	0°12	23°21	25°28	S 15
M16	1 44 35	24°23'46	6♌31	20°41	13°56	8°20	21°43	29°21	27°56	18°39	7°29	0°30	0° 9	23°28	25°29	M16
T 17	1 48 32	25°22'23	19°30	21°34	14°28	9° 1	21°42	29°27	27°54	18°38	7°31	0°29	0° 5	23°34	25°31	T 17
W18	1 52 29	26°21'02	2♍55	22°25	15° 2	9°41	21°40	29°32	27°52	18°36	7°32	0°26	0° 2	23°41	25°32	W18
T 19	1 56 25	27°19'43	16°51	23°11	15°38	10°22	21°38	29°38	27°50	18°35	7°33	0°21	29♑59	23°48	25°34	T 19
F 20	2 0 22	28°18'26	1♎15	23°55	16°14	11° 3	21°36	29°43	27°48	18°33	7°34	0°13	29°56	23°54	25°35	F 20
S 21	2 4 18	29°17'11	16° 5	24°34	16°52	11°43	21°34	29°48	27°46	18°32	7°36	0° 3	29°53	24° 1	25°36	S 21
S 22	2 8 15	0♏15'58	1♏11	25° 9	17°31	12°24	21°31	29°53	27°44	18°30	7°37	29♑51	29°50	24° 8	25°37	S 22
M23	2 12 11	1°14'47	16°25	25°40	18°11	13° 5	21°29	29°58	27°43	18°29	7°38	29°40	29°46	24°15	25°38	M23
T 24	2 16 8	2°13'37	1♐35	26° 6	18°53	13°46	21°26	0♍ 3	27°41	18°27	7°39	29°31	29°43	24°21	25°39	T 24
W25	2 20 4	3°12'30	16°32	26°26	19°35	14°27	21°23	0° 8	27°39	18°25	7°40	29°23	29°40	24°28	25°40	W25
T 26	2 24 1	4°11'24	1♑ 7	26°40	20°19	15° 9	21°20	0°13	27°37	18°24	7°41	29°19	29°37	24°35	25°40	T 26
F 27	2 27 58	5°10'20	15°17	26°49	21° 3	15°50	21°16	0°18	27°35	18°22	7°43	29°17	29°34	24°41	25°41	F 27
S 28	2 31 54	6° 9'18	29° 2	26°R50	21°48	16°31	21°13	0°22	27°34	18°21	7°44	29°17	29°30	24°48	25°42	S 28
S 29	2 35 51	7° 8'17	12♒23	26°45	22°35	17°13	21° 9	0°27	27°32	18°19	7°45	29°17	29°27	24°55	25°42	S 29
M30	2 39 47	8° 7'18	25°23	26°32	23°22	17°54	21° 5	0°31	27°30	18°17	7°46	29°16	29°24	25° 2	25°42	M30
T 31	2 43 44	9♏ 6'20	8♓ 6	26♏11	24♍10	18♐36	21♊ 1	0♍36	27♓29	18♉16	7♍47	29♑13	29♑21	25♉ 8	25♋43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s51	19s27	0n 1	13s27	1s 7	2n 5	6s25	20s13	0s36	22n 0	0s58	12n40	0n35	1s22	0s50	15n45	1s37	15n 3	6n43	19s30	19s46	22n42	13n59	7s 4
M 2	4 14	14 57	1 10	14 2	1 15	2 13	6 15	20 22	0 37	22 0	0 58	12 38	0 35	1 22	0 50	15 45	1 37	15 3	6 43	19 30	19 47	22 43	13 58	7 5
T 3	4 36	9 51	2 14	14 37	1 24	2 20	6 4	20 31	0 37	22 0	0 58	12 36	0 35	1 23	0 50	15 45	1 37	15 2	6 43	19 31	19 47	22 44	13 57	7 5
W 4	4 59	4 25	3 10	15 11	1 32	2 26	5 54	20 40	0 38	22 0	0 58	12 34	0 36	1 24	0 50	15 44	1 37	15 2	6 43	19 32	19 48	22 46	13 56	7 6
T 5	5 21	1n 5	3 57	15 44	1 40	2 32	5 43	20 48	0 39	22 0	0 59	12 31	0 36	1 25	0 50	15 44	1 37	15 1	6 44	19 34	19 49	22 47	13 55	7 7
F 6	5 44	6 28	4 31	16 16	1 48	2 37	5 33	20 57	0 39	22 0	0 59	12 29	0 36	1 26	0 50	15 44	1 37	15 1	6 44	19 36	19 50	22 49	13 54	7 7
S 7	6 6	11 33	4 52	16 48	1 56	2 41	5 22	21 5	0 40	22 0	0 59	12 27	0 36	1 27	0 50	15 43	1 37	15 1	6 44	19 39	19 50	22 50	13 53	7 8
S 8	6 28	16 7	5 0	17 18	2 4	2 44	5 11	21 14	0 40	22 0	0 59	12 26	0 36	1 28	0 50	15 43	1 37	15 0	6 44	19 42	19 51	22 52	13 52	7 9
M 9	6 50	20 2	4 55	17 47	2 12	2 47	5 1	21 22	0 41	22 0	0 59	12 24	0 36	1 29	0 50	15 42	1 37	15 0	6 44	19 45	19 52	22 53	13 51	7 9
T 10	7 12	23 5	4 37	18 15	2 20	2 49	4 50	21 30	0 41	21 59	0 59	12 22	0 36	1 30	0 50	15 42	1 37	14 59	6 44	19 47	19 52	22 54	13 50	7 10
W11	7 34	25 8	4 6	18 42	2 27	2 50	4 40	21 37	0 42	21 59	0 59	12 20	0 36	1 30	0 50	15 42	1 37	14 59	6 45	19 49	19 53	22 56	13 49	7 10
T 12	7 56	26 5	3 26	19 8	2 34	2 50	4 29	21 45	0 42	21 59	0 59	12 18	0 37	1 31	0 50	15 41	1 37	14 59	6 45	19 50	19 54	22 57	13 48	7 11
F 13	8 18	25 49	2 35	19 33	2 41	2 50	4 19	21 52	0 43	21 59	0 59	12 16	0 37	1 32	0 50	15 41	1 37	14 58	6 45	19 51	19 54	22 59	13 47	7 12
S 14	8 40	24 20	1 38	19 57	2 48	2 49	4 8	22 0	0 43	21 59	0 59	12 14	0 37	1 33	0 50	15 40	1 37	14 58	6 45	19 52	19 55	23 0	13 46	7 12
S 15	9 1	21 42	0 35	20 19	2 55	2 47	3 58	22 7	0 44	21 59	0 59	12 12	0 37	1 34	0 50	15 40	1 37	14 58	6 45	19 52	19 56	23 1	13 45	7 13
M16	9 22	17 58	0s32	20 40	3 1	2 45	3 48	22 14	0 44	21 59	1 0	12 11	0 37	1 34	0 50	15 40	1 37	14 57	6 46	19 52	19 56	23 3	13 44	7 14
T 17	9 44	13 17	1 39	21 0	3 7	2 42	3 38	22 21	0 45	21 58	1 0	12 9	0 37	1 35	0 50	15 39	1 37	14 57	6 46	19 52	19 57	23 4	13 43	7 14
W18	10 5	7 49	2 42	21 18	3 12	2 38	3 28	22 27	0 45	21 58	1 0	12 7	0 37	1 36	0 50	15 39	1 37	14 57	6 46	19 53	19 58	23 6	13 43	7 15
T 19	10 26	1 47	3 39	21 35	3 17	2 34	3 18	22 33	0 46	21 58	1 0	12 5	0 38	1 37	0 50	15 38	1 37	14 57	6 46	19 54	19 58	23 7	13 42	7 16
F 20	10 47	4s31	4 23	21 51	3 22	2 29	3 8	22 40	0 46	21 58	1 0	12 4	0 38	1 38	0 50	15 38	1 37	14 56	6 46	19 55	19 59	23 8	13 41	7 16
S 21	11 7	10 45	4 51	22 4	3 26	2 23	2 59	22 46	0 47	21 58	1 0	12 2	0 38	1 38	0 50	15 37	1 37	14 56	6 47	19 58	20 0	23 10	13 40	7 17
S 22	11 28	16 28	5 0	22 16	3 30	2 17	2 49	22 52	0 47	21 57	1 0	12 0	0 38	1 39	0 50	15 37	1 37	14 56	6 47	20 0	20 0	23 11	13 39	7 18
M23	11 48	21 11	4 48	22 27	3 32	2 10	2 40	22 57	0 48	21 57	1 0	11 59	0 38	1 40	0 50	15 36	1 37	14 56	6 47	20 2	20 1	23 12	13 38	7 18
T 24	12 8	24 27	4 15	22 35	3 35	2 3	2 31	23 3	0 48	21 57	1 0	11 57	0 38	1 40	0 50	15 36	1 38	14 55	6 47	20 4	20 2	23 14	13 38	7 19
W25	12 28	25 57	3 25	22 41	3 36	1 55	2 22	23 8	0 49	21 57	1 0	11 56	0 38	1 41	0 49	15 36	1 38	14 55	6 48	20 6	20 2	23 15	13 37	7 20
T 26	12 48	25 36	2 23	22 44	3 36	1 46	2 13	23 13	0 49	21 56	1 0	11 54	0 39	1 42	0 49	15 35	1 38	14 55	6 48	20 7	20 3	23 16	13 36	7 20
F 27	13 8	23 34	1 13	22 46	3 35	1 37	2 4	23 18	0 50	21 56	1 0	11 52	0 39	1 42	0 49	15 35	1 38	14 55	6 48	20 7	20 4	23 17	13 35	7 21
S 28	13 27	20 11	0 1	22 44	3 34	1 27	1 55	23 23	0 50	21 56	1 0	11 51	0 39	1 43	0 49	15 34	1 38	14 54	6 48	20 7	20 4	23 19	13 34	7 22
S 29	13 46	15 50	1n 9	22 40	3 30	1 17	1 47	23 27	0 50	21 56	1 0	11 50	0 39	1 44	0 49	15 34	1 38	14 54	6 48	20 7	20 5	23 20	13 34	7 22
M30	14 5	10 51	2 13	22 33	3 26	1 6	1 38	23 31	0 51	21 55	1 1	11 48	0 39	1 44	0 49	15 33	1 38	14 54	6 49	20 7	20 6	23 21	13 33	7 23
T 31	14s24	5s31	3n10	22s22	3s20	0n55	1s30	23s35	0s51	21n55	1s 1	11n47	0n39	1s45	0s49	15n33	1s38	14n54	6n49	20s 8	20s 6	23n23	13n32	7s24

Julian Day Number = 3066887.5, Delta T = 02h34m26s
Ecliptic obliquity = 23°13'27, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'37, Lahiri = 47°28'38

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NOVEMBER 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 47 40	10♏ 5'24	20♓35	25°R43	24♍59	19♐17	20°R56	0♍40	27°R27	18°R14	7♍48	29°R 7	29♑18	25♉15	25♋43	W 1
T 2	2 51 37	11° 4'30	2♈52	25♏ 6	25°48	19°59	20♊52	0°44	27♓26	18♉12	7°49	28♑59	29°15	25°22	25°43	T 2
F 3	2 55 33	12° 3'37	15° 2	24°21	26°39	20°41	20°47	0°48	27°24	18°11	7°50	28°48	29°11	25°28	25°R43	F 3
S 4	2 59 30	13° 2'47	27° 4	23°30	27°30	21°22	20°42	0°52	27°23	18° 9	7°51	28°35	29° 8	25°35	25°43	S 4
S 5	3 3 27	14° 1'58	9♉ 2	22°31	28°22	22° 4	20°37	0°56	27°21	18° 7	7°51	28°21	29° 5	25°42	25°43	S 5
M 6	3 7 23	15° 1'11	20°56	21°26	29°14	22°46	20°32	1° 0	27°20	18° 6	7°52	28° 8	29° 2	25°48	25°43	M 6
T 7	3 11 20	16° 0'27	2♊47	20°17	0♎ 8	23°28	20°26	1° 4	27°19	18° 4	7°53	27°56	28°59	25°55	25°42	T 7
W 8	3 15 16	16°59'44	14°38	19° 6	1° 1	24°11	20°21	1° 7	27°17	18° 2	7°54	27°46	28°56	26° 2	25°42	W 8
T 9	3 19 13	17°59'03	26°29	17°53	1°56	24°53	20°15	1°11	27°16	18° 1	7°55	27°39	28°52	26° 9	25°42	T 9
F 10	3 23 9	18°58'25	8♋25	16°41	2°51	25°35	20° 9	1°14	27°15	17°59	7°56	27°35	28°49	26°15	25°41	F 10
S 11	3 27 6	19°57'49	20°29	15°33	3°47	26°17	20° 3	1°18	27°14	17°57	7°56	27°33	28°46	26°22	25°40	S 11
S 12	3 31 2	20°57'15	2♌45	14°29	4°43	27° 0	19°57	1°21	27°12	17°56	7°57	27°D33	28°43	26°29	25°40	S 12
M13	3 34 59	21°56'43	15°17	13°33	5°40	27°42	19°51	1°24	27°11	17°54	7°58	27°33	28°40	26°35	25°39	M13
T 14	3 38 56	22°56'13	28°10	12°45	6°38	28°25	19°44	1°27	27°10	17°52	7°58	27°R33	28°36	26°42	25°38	T 14
W15	3 42 52	23°55'45	11♍29	12° 8	7°36	29° 8	19°38	1°30	27° 9	17°51	7°59	27°32	28°33	26°49	25°37	W15
T 16	3 46 49	24°55'20	25°16	11°41	8°34	29°50	19°31	1°33	27° 8	17°49	8° 0	27°28	28°30	26°56	25°36	T 16
F 17	3 50 45	25°54'57	9♎33	11°25	9°33	0♑33	19°24	1°36	27° 8	17°47	8° 0	27°22	28°27	27° 2	25°35	F 17
S 18	3 54 42	26°54'36	24°18	11°D21	10°32	1°16	19°17	1°39	27° 7	17°46	8° 1	27°14	28°24	27° 9	25°34	S 18
S 19	3 58 38	27°54'17	9♏23	11°27	11°32	1°59	19°10	1°41	27° 6	17°44	8° 1	27° 5	28°21	27°16	25°32	S 19
M20	4 2 35	28°54'00	24°41	11°45	12°33	2°42	19° 3	1°44	27° 5	17°42	8° 2	26°56	28°17	27°22	25°31	M20
T 21	4 6 31	29°53'46	9♐59	12°12	13°33	3°25	18°56	1°46	27° 4	17°41	8° 2	26°48	28°14	27°29	25°29	T 21
W22	4 10 28	0♐53'33	25° 7	12°49	14°34	4° 8	18°48	1°48	27° 4	17°39	8° 3	26°42	28°11	27°36	25°28	W22
T 23	4 14 25	1°53'22	9♑56	13°35	15°36	4°51	18°41	1°50	27° 3	17°38	8° 3	26°39	28° 8	27°43	25°26	T 23
F 24	4 18 21	2°53'12	24°20	14°27	16°38	5°35	18°33	1°53	27° 3	17°36	8° 4	26°D38	28° 5	27°49	25°25	F 24
S 25	4 22 18	3°53'04	8♒15	15°27	17°40	6°18	18°26	1°54	27° 2	17°34	8° 4	26°38	28° 2	27°56	25°23	S 25
S 26	4 26 14	4°52'58	21°43	16°33	18°43	7° 2	18°18	1°56	27° 2	17°33	8° 4	26°39	27°58	28° 3	25°21	S 26
M27	4 30 11	5°52'53	4♓46	17°44	19°46	7°45	18°10	1°58	27° 1	17°31	8° 5	26°R40	27°55	28° 9	25°19	M27
T 28	4 34 7	6°52'49	17°28	18°59	20°49	8°29	18° 2	2° 0	27° 1	17°30	8° 5	26°39	27°52	28°16	25°17	T 28
W29	4 38 4	7°52'47	29°52	20°18	21°52	9°12	17°55	2° 1	27° 0	17°28	8° 5	26°36	27°49	28°23	25°15	W29
T 30	4 42 0	8♐52'47	12♈ 4	21♏40	22♎56	9♑56	17♊47	2♍ 3	27♓ 0	17♉27	8♍ 5	26♑32	27♑46	28♉29	25♋13	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s43	0s 5	3n56	22s 8	3s13	0n44	1s22	23s39	0s52	21n55	1s 1	11n45	0n39	1s46	0s49	15n32	1s38	14n54	6n49	20s 9	20s 7	23n24	13n32	7s24
T 2	15 1	5n16	4 30	21 50	3 3	0 31	1 14	23 43	0 52	21 54	1 1	11 44	0 40	1 46	0 49	15 32	1 38	14 54	6 49	20 11	20 8	23 25	13 31	7 25
F 3	15 19	10 21	4 52	21 29	2 52	0 19	1 6	23 46	0 53	21 54	1 1	11 43	0 40	1 47	0 49	15 31	1 38	14 54	6 50	20 13	20 8	23 26	13 30	7 26
S 4	15 37	15 0	5 0	21 3	2 40	0 6	0 58	23 50	0 53	21 53	1 1	11 41	0 40	1 47	0 49	15 31	1 38	14 53	6 50	20 16	20 9	23 28	13 30	7 26
S 5	15 54	19 2	4 55	20 34	2 25	0s 8	0 51	23 53	0 53	21 53	1 1	11 40	0 40	1 48	0 49	15 31	1 38	14 53	6 50	20 18	20 9	23 29	13 29	7 27
M 6	16 12	22 17	4 37	20 2	2 9	0 22	0 43	23 55	0 54	21 53	1 1	11 39	0 40	1 48	0 49	15 30	1 38	14 53	6 50	20 21	20 10	23 30	13 28	7 28
T 7	16 29	24 34	4 8	19 27	1 52	0 36	0 36	23 58	0 54	21 52	1 1	11 38	0 40	1 49	0 49	15 30	1 38	14 53	6 51	20 23	20 11	23 31	13 28	7 28
W 8	16 46	25 46	3 27	18 49	1 33	0 51	0 29	24 0	0 55	21 52	1 1	11 37	0 41	1 49	0 49	15 29	1 38	14 53	6 51	20 25	20 11	23 32	13 27	7 29
T 9	17 2	25 48	2 37	18 10	1 13	1 6	0 22	24 2	0 55	21 51	1 1	11 36	0 41	1 50	0 49	15 29	1 38	14 53	6 51	20 27	20 12	23 34	13 27	7 30
F 10	17 18	24 37	1 40	17 31	0 52	1 22	0 15	24 4	0 55	21 51	1 1	11 34	0 41	1 50	0 49	15 28	1 38	14 53	6 51	20 28	20 13	23 35	13 26	7 30
S 11	17 34	22 18	0 38	16 51	0 32	1 37	0 9	24 6	0 56	21 51	1 1	11 33	0 41	1 51	0 49	15 28	1 38	14 53	6 52	20 28	20 13	23 36	13 26	7 31
S 12	17 50	18 55	0s28	16 13	0 11	1 54	0 2	24 7	0 56	21 50	1 1	11 32	0 41	1 51	0 49	15 27	1 38	14 53	6 52	20 28	20 14	23 37	13 25	7 31
M13	18 5	14 37	1 33	15 38	0n 9	2 10	0n 4	24 9	0 56	21 50	1 1	11 31	0 41	1 51	0 49	15 27	1 38	14 53	6 52	20 28	20 15	23 38	13 25	7 32
T 14	18 20	9 34	2 36	15 5	0 28	2 27	0 10	24 10	0 57	21 49	1 1	11 31	0 42	1 52	0 49	15 26	1 38	14 53	6 52	20 28	20 15	23 40	13 24	7 33
W15	18 35	3 55	3 32	14 37	0 45	2 44	0 16	24 10	0 57	21 49	1 1	11 30	0 42	1 52	0 49	15 26	1 38	14 53	6 53	20 28	20 16	23 41	13 24	7 33
T 16	18 50	2s 6	4 18	14 13	1 2	3 2	0 22	24 11	0 57	21 48	1 1	11 29	0 42	1 52	0 49	15 26	1 38	14 53	6 53	20 29	20 17	23 42	13 23	7 34
F 17	19 4	8 12	4 50	13 55	1 16	3 19	0 28	24 11	0 58	21 48	1 1	11 28	0 42	1 53	0 49	15 25	1 38	14 53	6 53	20 30	20 17	23 43	13 23	7 35
S 18	19 17	14 3	5 4	13 41	1 29	3 37	0 34	24 11	0 58	21 47	1 1	11 27	0 42	1 53	0 49	15 25	1 38	14 53	6 53	20 31	20 18	23 44	13 22	7 35
S 19	19 31	19 11	4 57	13 33	1 40	3 55	0 39	24 11	0 58	21 47	1 1	11 26	0 42	1 53	0 49	15 24	1 38	14 53	6 54	20 33	20 18	23 45	13 22	7 36
M20	19 44	23 8	4 30	13 29	1 49	4 14	0 44	24 11	0 59	21 46	1 1	11 26	0 43	1 54	0 49	15 24	1 38	14 53	6 54	20 35	20 19	23 47	13 22	7 36
T 21	19 57	25 25	3 43	13 30	1 57	4 32	0 50	24 10	0 59	21 45	1 1	11 25	0 43	1 54	0 49	15 23	1 38	14 53	6 54	20 36	20 20	23 48	13 21	7 37
W22	20 9	25 48	2 40	13 36	2 3	4 51	0 55	24 9	0 59	21 45	1 1	11 24	0 43	1 54	0 49	15 23	1 38	14 53	6 54	20 38	20 20	23 49	13 21	7 38
T 23	20 21	24 19	1 28	13 45	2 7	5 10	1 0	24 8	1 0	21 44	1 1	11 24	0 43	1 54	0 48	15 22	1 38	14 53	6 55	20 38	20 21	23 50	13 21	7 38
F 24	20 33	21 16	0 12	13 57	2 10	5 29	1 4	24 6	1 0	21 44	1 1	11 23	0 43	1 54	0 48	15 22	1 38	14 53	6 55	20 38	20 22	23 51	13 20	7 39
S 25	20 44	17 2	1n 2	14 13	2 12	5 49	1 9	24 5	1 0	21 43	1 1	11 23	0 43	1 55	0 48	15 22	1 38	14 53	6 55	20 38	20 22	23 52	13 20	7 39
S 26	20 55	12 4	2 11	14 31	2 13	6 8	1 13	24 3	1 1	21 42	1 1	11 22	0 44	1 55	0 48	15 21	1 38	14 53	6 55	20 38	20 23	23 53	13 20	7 40
M27	21 6	6 43	3 10	14 51	2 12	6 28	1 18	24 1	1 1	21 42	1 1	11 22	0 44	1 55	0 48	15 21	1 38	14 54	6 56	20 38	20 23	23 54	13 20	7 41
T 28	21 16	1 14	3 59	15 13	2 11	6 47	1 22	23 58	1 1	21 41	1 0	11 21	0 44	1 55	0 48	15 20	1 38	14 54	6 56	20 38	20 24	23 55	13 19	7 41
W29	21 26	4n10	4 35	15 36	2 8	7 7	1 26	23 56	1 1	21 41	1 0	11 21	0 44	1 55	0 48	15 20	1 37	14 54	6 56	20 39	20 25	23 57	13 19	7 42
T 30	21s35	9n18	4n58	16s 0	2n 5	7s27	1n30	23s53	1s 2	21n40	1s 0	11n21	0n44	1s55	0s48	15n19	1s37	14n54	6n56	20s40	20s25	23n58	13n19	7s42

Julian Day Number = 3066918.5, Delta T = 02h34m27s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'41, Lahiri = 47°28'42

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ASTRODIENST EPHEMERIS for the year 3684
geocentric

DECEMBER 3684 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 45 57	9♐52'48	24♈ 6	23♏ 5	24♎ 1	10♑40	17°R39	2♍ 4	27°R 0	17°R25	8♍ 6	26°R25	27♑42	28♉36	25°R11	F 1
S 2	4 49 54	10°52'51	6♉ 2	24°32	25° 5	11°24	17♊30	2° 5	27♓ 0	17♉23	8° 6	26♑17	27°39	28°43	25♋ 8	S 2
S 3	4 53 50	11°52'55	17°55	26° 1	26°10	12° 8	17°22	2° 6	27° 0	17°22	8° 6	26° 8	27°36	28°50	25° 6	S 3
M 4	4 57 47	12°53'01	29°46	27°32	27°15	12°51	17°14	2° 7	27° 0	17°21	8° 6	25°59	27°33	28°56	25° 3	M 4
T 5	5 1 43	13°53'09	11♊38	29° 4	28°20	13°35	17° 6	2° 8	27°D 0	17°19	8° 6	25°52	27°30	29° 3	25° 1	T 5
W 6	5 5 40	14°53'19	23°32	0♐37	29°26	14°20	16°58	2° 9	27° 0	17°18	8° 6	25°45	27°27	29°10	24°58	W 6
T 7	5 9 36	15°53'30	5♋30	2°10	0♏32	15° 4	16°50	2° 9	27° 0	17°16	8° 6	25°41	27°23	29°16	24°56	T 7
F 8	5 13 33	16°53'43	17°34	3°45	1°38	15°48	16°42	2°10	27° 0	17°15	8°R 6	25°39	27°20	29°23	24°53	F 8
S 9	5 17 29	17°53'57	29°46	5°19	2°45	16°32	16°33	2°10	27° 0	17°13	8° 6	25°D39	27°17	29°30	24°50	S 9
S 10	5 21 26	18°54'14	12♌ 8	6°54	3°51	17°17	16°25	2°11	27° 0	17°12	8° 6	25°40	27°14	29°36	24°47	S 10
M11	5 25 23	19°54'32	24°45	8°30	4°58	18° 1	16°17	2°11	27° 1	17°11	8° 6	25°42	27°11	29°43	24°44	M11
T 12	5 29 19	20°54'52	7♍39	10° 5	6° 5	18°45	16° 9	2°R11	27° 1	17° 9	8° 6	25°43	27° 8	29°50	24°41	T 12
W13	5 33 16	21°55'14	20°54	11°41	7°13	19°30	16° 1	2°11	27° 1	17° 8	8° 6	25°R44	27° 4	29°57	24°38	W13
T 14	5 37 12	22°55'38	4♎33	13°16	8°20	20°15	15°53	2°11	27° 2	17° 7	8° 6	25°43	27° 1	0♊ 3	24°35	T 14
F 15	5 41 9	23°56'03	18°36	14°52	9°28	20°59	15°45	2°10	27° 2	17° 5	8° 6	25°41	26°58	0°10	24°32	F 15
S 16	5 45 5	24°56'31	3♏ 4	16°27	10°36	21°44	15°37	2°10	27° 3	17° 4	8° 5	25°38	26°55	0°17	24°29	S 16
S 17	5 49 2	25°57'00	17°52	18° 2	11°44	22°29	15°29	2°10	27° 3	17° 3	8° 5	25°34	26°52	0°23	24°26	S 17
M18	5 52 59	26°57'31	2♐55	19°38	12°53	23°14	15°21	2° 9	27° 4	17° 2	8° 5	25°29	26°48	0°30	24°22	M18
T 19	5 56 55	27°58'04	18° 3	21°13	14° 1	23°58	15°13	2° 8	27° 5	17° 1	8° 5	25°26	26°45	0°37	24°19	T 19
W20	6 0 52	28°58'38	3♑ 7	22°48	15°10	24°43	15° 6	2° 7	27° 5	16°59	8° 4	25°23	26°42	0°43	24°16	W20
T 21	6 4 48	29°59'13	17°57	24°23	16°19	25°28	14°58	2° 6	27° 6	16°58	8° 4	25°22	26°39	0°50	24°12	T 21
F 22	6 8 45	0♑59'50	2♒27	25°58	17°28	26°14	14°50	2° 5	27° 7	16°57	8° 3	25°D22	26°36	0°57	24° 9	F 22
S 23	6 12 41	2° 0'27	16°32	27°32	18°37	26°59	14°43	2° 4	27° 8	16°56	8° 3	25°23	26°33	1° 4	24° 5	S 23
S 24	6 16 38	3° 1'06	0♓ 9	29° 7	19°47	27°44	14°35	2° 3	27° 9	16°55	8° 3	25°24	26°29	1°10	24° 1	S 24
M25	6 20 34	4° 1'46	13°20	0♑41	20°56	28°29	14°28	2° 2	27°10	16°54	8° 2	25°26	26°26	1°17	23°58	M25
T 26	6 24 31	5° 2'26	26° 8	2°16	22° 6	29°14	14°21	2° 0	27°11	16°53	8° 2	25°27	26°23	1°24	23°54	T 26
W27	6 28 28	6° 3'08	8♈35	3°50	23°16	29°59	14°14	1°58	27°12	16°52	8° 1	25°R27	26°20	1°30	23°50	W27
T 28	6 32 24	7° 3'50	20°47	5°24	24°26	0♒45	14° 7	1°57	27°13	16°51	8° 1	25°26	26°17	1°37	23°47	T 28
F 29	6 36 21	8° 4'34	2♉47	6°59	25°36	1°31	14° 0	1°55	27°14	16°50	8° 0	25°25	26°14	1°44	23°43	F 29
S 30	6 40 17	9° 5'18	14°41	8°33	26°46	2°16	13°54	1°53	27°16	16°49	8° 0	25°23	26°10	1°50	23°39	S 30
S 31	6 44 14	10♑ 6'03	26♉31	10♑ 7	27♏57	3♒ 2	13♊47	1♍51	27♓17	16♉48	7♍59	25♑20	26♑ 7	1♊57	23♋35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s44	14n 2	5n 7	16s25	2n 1	7s47	1n33	23s50	1s 2	21n39	1s 0	11n20	0n44	1s55	0s48	15n19	1s37	14n54	6n57	20s41	20s26	23n59	13n19	7s43
S 2	21 52	18 11	5 3	16 50	1 57	8 7	1 37	23 46	1 2	21 39	1 0	11 20	0 45	1 55	0 48	15 19	1 37	14 54	6 57	20 42	20 27	24 0	13 19	7 43
S 3	22 1	21 35	4 46	17 16	1 52	8 27	1 40	23 43	1 2	21 38	1 0	11 20	0 45	1 55	0 48	15 18	1 37	14 55	6 57	20 44	20 27	24 1	13 19	7 44
M 4	22 8	24 6	4 16	17 42	1 47	8 47	1 44	23 39	1 3	21 37	1 0	11 20	0 45	1 55	0 48	15 18	1 37	14 55	6 58	20 46	20 28	24 2	13 18	7 44
T 5	22 16	25 32	3 36	18 7	1 41	9 7	1 47	23 35	1 3	21 37	1 0	11 19	0 45	1 55	0 48	15 18	1 37	14 55	6 58	20 47	20 28	24 3	13 18	7 45
W 6	22 23	25 49	2 45	18 32	1 35	9 28	1 50	23 30	1 3	21 36	1 0	11 19	0 45	1 55	0 48	15 17	1 37	14 55	6 58	20 48	20 29	24 4	13 18	7 45
T 7	22 29	24 54	1 47	18 57	1 29	9 48	1 53	23 26	1 3	21 35	1 0	11 19	0 45	1 55	0 48	15 17	1 37	14 55	6 58	20 49	20 30	24 5	13 18	7 46
F 8	22 35	22 48	0 44	19 21	1 23	10 8	1 55	23 21	1 4	21 35	1 0	11 19	0 46	1 55	0 48	15 16	1 37	14 56	6 59	20 49	20 30	24 6	13 18	7 46
S 9	22 41	19 39	0s22	19 45	1 16	10 28	1 58	23 16	1 4	21 34	0 59	11 19	0 46	1 55	0 48	15 16	1 37	14 56	6 59	20 49	20 31	24 7	13 18	7 47
S 10	22 46	15 35	1 29	20 8	1 9	10 48	2 0	23 11	1 4	21 33	0 59	11 19	0 46	1 55	0 48	15 16	1 37	14 56	6 59	20 49	20 32	24 8	13 18	7 47
M11	22 51	10 46	2 32	20 30	1 2	11 8	2 3	23 5	1 4	21 33	0 59	11 19	0 46	1 55	0 48	15 15	1 37	14 56	6 59	20 49	20 32	24 9	13 18	7 48
T 12	22 55	5 23	3 29	20 51	0 55	11 28	2 5	22 59	1 4	21 32	0 59	11 20	0 46	1 54	0 48	15 15	1 37	14 57	7 0	20 49	20 33	24 10	13 18	7 48
W13	22 59	0s22	4 17	21 11	0 48	11 47	2 7	22 53	1 5	21 31	0 59	11 20	0 47	1 54	0 48	15 15	1 37	14 57	7 0	20 48	20 33	24 11	13 18	7 49
T 14	23 2	6 16	4 52	21 30	0 41	12 7	2 9	22 47	1 5	21 30	0 59	11 20	0 47	1 54	0 48	15 14	1 37	14 57	7 0	20 49	20 34	24 12	13 19	7 49
F 15	23 5	12 1	5 10	21 49	0 34	12 27	2 11	22 40	1 5	21 30	0 59	11 20	0 47	1 54	0 48	15 14	1 37	14 58	7 0	20 49	20 35	24 13	13 19	7 50
S 16	23 8	17 17	5 10	22 6	0 27	12 46	2 13	22 34	1 5	21 29	0 59	11 21	0 47	1 54	0 48	15 14	1 37	14 58	7 1	20 50	20 35	24 14	13 19	7 50
S 17	23 10	21 38	4 50	22 22	0 20	13 5	2 14	22 27	1 5	21 28	0 58	11 21	0 47	1 53	0 48	15 13	1 37	14 58	7 1	20 50	20 36	24 15	13 19	7 50
M18	23 11	24 37	4 9	22 37	0 13	13 25	2 15	22 19	1 5	21 28	0 58	11 21	0 47	1 53	0 47	15 13	1 37	14 59	7 1	20 51	20 36	24 16	13 19	7 51
T 19	23 12	25 51	3 11	22 51	0 6	13 44	2 17	22 12	1 6	21 27	0 58	11 22	0 48	1 53	0 47	15 13	1 37	14 59	7 1	20 52	20 37	24 17	13 19	7 51
W20	23 13	25 10	1 59	23 3	0s 1	14 2	2 18	22 4	1 6	21 26	0 58	11 22	0 48	1 52	0 47	15 13	1 37	14 59	7 2	20 52	20 38	24 18	13 20	7 51
T 21	23 13	22 42	0 41	23 15	0 8	14 21	2 19	21 56	1 6	21 26	0 58	11 23	0 48	1 52	0 47	15 12	1 37	15 0	7 2	20 52	20 38	24 18	13 20	7 52
F 22	23 13	18 48	0n39	23 25	0 15	14 39	2 20	21 48	1 6	21 25	0 58	11 23	0 48	1 52	0 47	15 12	1 37	15 0	7 2	20 52	20 39	24 19	13 20	7 52
S 23	23 13	13 56	1 54	23 34	0 22	14 57	2 21	21 39	1 6	21 24	0 57	11 24	0 48	1 51	0 47	15 12	1 37	15 0	7 2	20 52	20 39	24 20	13 20	7 52
S 24	23 11	8 30	3 0	23 42	0 29	15 15	2 21	21 31	1 6	21 24	0 57	11 24	0 48	1 51	0 47	15 11	1 37	15 1	7 3	20 52	20 40	24 21	13 21	7 53
M25	23 10	2 53	3 54	23 49	0 35	15 33	2 22	21 22	1 6	21 23	0 57	11 25	0 49	1 50	0 47	15 11	1 37	15 1	7 3	20 52	20 41	24 22	13 21	7 53
T 26	23 8	2n42	4 35	23 54	0 42	15 50	2 22	21 13	1 7	21 22	0 57	11 26	0 49	1 50	0 47	15 11	1 37	15 2	7 3	20 52	20 41	24 23	13 21	7 53
W27	23 5	8 0	5 2	23 58	0 48	16 7	2 23	21 3	1 7	21 22	0 57	11 26	0 49	1 49	0 47	15 11	1 37	15 2	7 3	20 52	20 42	24 24	13 22	7 54
T 28	23 2	12 54	5 15	24 1	0 54	16 24	2 23	20 54	1 7	21 21	0 56	11 27	0 49	1 49	0 47	15 10	1 37	15 2	7 4	20 52	20 42	24 25	13 22	7 54
F 29	22 59	17 14	5 13	24 3	1 0	16 40	2 23	20 44	1 7	21 21	0 56	11 28	0 49	1 48	0 47	15 10	1 37	15 3	7 4	20 52	20 43	24 26	13 22	7 54
S 30	22 55	20 50	4 58	24 3	1 6	16 56	2 23	20 34	1 7	21 20	0 56	11 29	0 49	1 48	0 47	15 10	1 36	15 3	7 4	20 52	20 44	24 27	13 23	7 54
S 31	22s51	23n35	4n30	24s 2	1s12	17s12	2n23	20s24	1s 7	21n19	0s56	11n30	0n50	1s47	0s47	15n10	1s36	15n 4	7n 4	20s53	20s44	24n27	13n23	7s55

Julian Day Number = 3066948.5, Delta T = 02h34m28s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'46, Lahiri = 47°28'46

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

JANUARY 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 48 10	11♑ 6'49	8♊22	11♑41	29♏ 7	3♒47	13°R41	1°R49	27♓18	16°R48	7°R58	25°R18	26♑ 4	2♊ 4	23°R32	M 1
T 2	6 52 7	12° 7'37	20°17	13°15	0♐18	4°33	13♊34	1♍47	27°20	16♉47	7♍58	25♑16	26° 1	2°11	23♋28	T 2
W 3	6 56 3	13° 8'25	2♋17	14°49	1°29	5°19	13°28	1°44	27°21	16°46	7°57	25°14	25°58	2°17	23°24	W 3
T 4	7 0 0	14° 9'14	14°25	16°24	2°39	6° 4	13°22	1°42	27°23	16°45	7°56	25°13	25°54	2°24	23°20	T 4
F 5	7 3 57	15°10'03	26°42	17°58	3°50	6°50	13°16	1°39	27°24	16°45	7°55	25°D13	25°51	2°31	23°16	F 5
S 6	7 7 53	16°10'54	9♌ 9	19°32	5° 1	7°36	13°11	1°37	27°26	16°44	7°55	25°13	25°48	2°37	23°12	S 6
S 7	7 11 50	17°11'46	21°48	21° 6	6°13	8°22	13° 5	1°34	27°27	16°43	7°54	25°14	25°45	2°44	23° 8	S 7
M 8	7 15 46	18°12'39	4♍40	22°41	7°24	9° 8	13° 0	1°31	27°29	16°43	7°53	25°15	25°42	2°51	23° 4	M 8
T 9	7 19 43	19°13'32	17°46	24°16	8°35	9°54	12°55	1°28	27°31	16°42	7°52	25°15	25°39	2°57	23° 0	T 9
W10	7 23 39	20°14'27	1♎ 8	25°50	9°47	10°40	12°50	1°25	27°33	16°42	7°51	25°16	25°35	3° 4	22°56	W10
T 11	7 27 36	21°15'23	14°46	27°25	10°59	11°26	12°45	1°22	27°34	16°41	7°51	25°16	25°32	3°11	22°52	T 11
F 12	7 31 33	22°16'20	28°41	29° 0	12°10	12°12	12°40	1°19	27°36	16°41	7°50	25°R16	25°29	3°17	22°48	F 12
S 13	7 35 29	23°17'18	12♏52	0♒35	13°22	12°58	12°36	1°16	27°38	16°40	7°49	25°16	25°26	3°24	22°44	S 13
S 14	7 39 26	24°18'17	27°18	2°10	14°34	13°45	12°31	1°13	27°40	16°40	7°48	25°16	25°23	3°31	22°40	S 14
M15	7 43 22	25°19'17	11♐55	3°45	15°46	14°31	12°27	1° 9	27°42	16°39	7°47	25°D16	25°20	3°38	22°36	M15
T 16	7 47 19	26°20'17	26°38	5°21	16°58	15°17	12°23	1° 6	27°44	16°39	7°46	25°16	25°16	3°44	22°32	T 16
W17	7 51 15	27°21'19	11♑20	6°56	18°10	16° 4	12°20	1° 2	27°46	16°39	7°45	25°16	25°13	3°51	22°28	W17
T 18	7 55 12	28°22'21	25°55	8°32	19°23	16°50	12°16	0°58	27°48	16°38	7°44	25°R16	25°10	3°58	22°24	T 18
F 19	7 59 8	29°23'23	10♒16	10° 7	20°35	17°37	12°13	0°55	27°50	16°38	7°43	25°16	25° 7	4° 4	22°20	F 19
S 20	8 3 5	0♒24'26	24°19	11°43	21°47	18°23	12° 9	0°51	27°53	16°38	7°42	25°16	25° 4	4°11	22°16	S 20
S 21	8 7 2	1°25'29	7♓58	13°18	23° 0	19°10	12° 7	0°47	27°55	16°38	7°41	25°15	25° 0	4°18	22°12	S 21
M22	8 10 58	2°26'32	21°15	14°54	24°12	19°56	12° 4	0°43	27°57	16°38	7°40	25°14	24°57	4°24	22° 8	M22
T 23	8 14 55	3°27'35	4♈ 8	16°29	25°25	20°43	12° 1	0°39	27°59	16°38	7°39	25°13	24°54	4°31	22° 4	T 23
W24	8 18 51	4°28'39	16°40	18° 4	26°38	21°29	11°59	0°35	28° 2	16°37	7°37	25°12	24°51	4°38	22° 0	W24
T 25	8 22 48	5°29'42	28°55	19°38	27°50	22°16	11°57	0°31	28° 4	16°37	7°36	25°12	24°48	4°44	21°56	T 25
F 26	8 26 44	6°30'46	10♉57	21°12	29° 3	23° 3	11°55	0°26	28° 7	16°D37	7°35	25°D12	24°45	4°51	21°52	F 26
S 27	8 30 41	7°31'49	22°51	22°45	0♑16	23°50	11°53	0°22	28° 9	16°37	7°34	25°12	24°41	4°58	21°48	S 27
S 28	8 34 37	8°32'52	4♊41	24°18	1°29	24°36	11°52	0°18	28°11	16°37	7°33	25°13	24°38	5° 5	21°45	S 28
M29	8 38 34	9°33'55	16°32	25°49	2°42	25°23	11°50	0°13	28°14	16°38	7°32	25°14	24°35	5°11	21°41	M29
T 30	8 42 31	10°34'58	28°29	27°19	3°55	26°10	11°49	0° 9	28°17	16°38	7°30	25°16	24°32	5°18	21°37	T 30
W31	8 46 27	11♒36'01	10♋35	28♒47	5♑ 8	26♒57	11♊48	0♍ 4	28♓19	16♉38	7♍29	25♑17	24♑29	5♊25	21♋33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s46	25n18	3n51	24s 0	1s17	17s27	2n23	20s13	1s 7	21n19	0s56	11n31	0n50	1s47	0s47	15n10	1s36	15n 4	7n 5	20s53	20s45	24n28	13n23	7s55
T 2	22 41	25 53	3 2	23 56	1 22	17 42	2 22	20 2	1 7	21 18	0 55	11 32	0 50	1 46	0 47	15 10	1 36	15 5	7 5	20 54	20 45	24 29	13 24	7 55
W 3	22 35	25 16	2 4	23 51	1 27	17 57	2 22	19 51	1 7	21 18	0 55	11 33	0 50	1 46	0 47	15 9	1 36	15 5	7 5	20 54	20 46	24 30	13 24	7 55
T 4	22 29	23 26	1 0	23 45	1 32	18 11	2 21	19 40	1 7	21 17	0 55	11 34	0 50	1 45	0 47	15 9	1 36	15 6	7 5	20 54	20 46	24 31	13 25	7 55
F 5	22 22	20 30	0s 8	23 38	1 37	18 25	2 21	19 29	1 7	21 17	0 55	11 35	0 51	1 44	0 47	15 9	1 36	15 6	7 6	20 54	20 47	24 32	13 25	7 56
S 6	22 15	16 34	1 17	23 29	1 41	18 39	2 20	19 17	1 7	21 16	0 55	11 36	0 51	1 44	0 47	15 9	1 36	15 7	7 6	20 54	20 48	24 32	13 26	7 56
S 7	22 8	11 52	2 22	23 19	1 46	18 52	2 19	19 6	1 7	21 16	0 54	11 37	0 51	1 43	0 47	15 9	1 36	15 7	7 6	20 54	20 48	24 33	13 26	7 56
M 8	22 0	6 34	3 22	23 8	1 50	19 5	2 18	18 54	1 7	21 16	0 54	11 38	0 51	1 42	0 47	15 9	1 36	15 8	7 6	20 54	20 49	24 34	13 27	7 56
T 9	21 52	0 55	4 12	22 56	1 53	19 17	2 17	18 42	1 7	21 15	0 54	11 39	0 51	1 42	0 47	15 9	1 36	15 8	7 7	20 54	20 49	24 35	13 27	7 56
W10	21 43	4s53	4 50	22 42	1 57	19 28	2 16	18 29	1 7	21 15	0 54	11 40	0 51	1 41	0 47	15 8	1 36	15 9	7 7	20 54	20 50	24 36	13 28	7 56
T 11	21 34	10 34	5 12	22 27	2 0	19 40	2 15	18 17	1 7	21 14	0 53	11 42	0 52	1 40	0 47	15 8	1 36	15 9	7 7	20 53	20 51	24 36	13 28	7 56
F 12	21 24	15 51	5 17	22 10	2 3	19 50	2 14	18 4	1 7	21 14	0 53	11 43	0 52	1 39	0 46	15 8	1 36	15 10	7 7	20 53	20 51	24 37	13 29	7 56
S 13	21 14	20 22	5 3	21 53	2 5	20 1	2 12	17 51	1 7	21 14	0 53	11 44	0 52	1 39	0 46	15 8	1 36	15 10	7 7	20 53	20 52	24 38	13 29	7 56
S 14	21 4	23 45	4 29	21 34	2 7	20 11	2 11	17 38	1 7	21 13	0 53	11 46	0 52	1 38	0 46	15 8	1 36	15 11	7 8	20 54	20 52	24 39	13 30	7 56
M15	20 53	25 37	3 38	21 14	2 9	20 20	2 9	17 24	1 7	21 13	0 52	11 47	0 52	1 37	0 46	15 8	1 36	15 11	7 8	20 54	20 53	24 39	13 31	7 56
T 16	20 42	25 43	2 32	20 52	2 10	20 29	2 7	17 11	1 7	21 13	0 52	11 48	0 52	1 36	0 46	15 8	1 36	15 12	7 8	20 54	20 53	24 40	13 31	7 56
W17	20 30	24 1	1 17	20 30	2 11	20 37	2 6	16 57	1 7	21 13	0 52	11 50	0 52	1 35	0 46	15 8	1 36	15 13	7 8	20 53	20 54	24 41	13 32	7 56
T 18	20 18	20 43	0n 4	20 6	2 12	20 45	2 4	16 43	1 7	21 12	0 52	11 51	0 53	1 34	0 46	15 8	1 36	15 13	7 8	20 53	20 55	24 42	13 33	7 56
F 19	20 6	16 11	1 22	19 41	2 12	20 52	2 2	16 29	1 7	21 12	0 51	11 53	0 53	1 34	0 46	15 8	1 36	15 14	7 9	20 54	20 55	24 42	13 33	7 56
S 20	19 53	10 52	2 34	19 14	2 12	20 58	2 0	16 15	1 7	21 12	0 51	11 54	0 53	1 33	0 46	15 8	1 35	15 14	7 9	20 54	20 56	24 43	13 34	7 56
S 21	19 40	5 10	3 36	18 47	2 12	21 4	1 58	16 1	1 7	21 12	0 51	11 56	0 53	1 32	0 46	15 8	1 35	15 15	7 9	20 54	20 56	24 44	13 35	7 56
M22	19 26	0n36	4 23	18 18	2 10	21 10	1 56	15 46	1 7	21 12	0 51	11 57	0 53	1 31	0 46	15 8	1 35	15 15	7 9	20 54	20 57	24 44	13 35	7 56
T 23	19 12	6 9	4 56	17 48	2 9	21 15	1 54	15 31	1 7	21 12	0 50	11 59	0 53	1 30	0 46	15 8	1 35	15 16	7 9	20 54	20 57	24 45	13 36	7 56
W24	18 58	11 19	5 14	17 17	2 7	21 19	1 52	15 16	1 7	21 12	0 50	12 0	0 54	1 29	0 46	15 8	1 35	15 17	7 10	20 54	20 58	24 46	13 37	7 56
T 25	18 44	15 55	5 16	16 45	2 4	21 23	1 50	15 1	1 7	21 12	0 50	12 2	0 54	1 28	0 46	15 8	1 35	15 17	7 10	20 54	20 59	24 47	13 37	7 56
F 26	18 29	19 48	5 5	16 12	2 0	21 26	1 47	14 46	1 7	21 12	0 50	12 3	0 54	1 27	0 46	15 8	1 35	15 18	7 10	20 54	20 59	24 47	13 38	7 56
S 27	18 13	22 51	4 41	15 39	1 57	21 29	1 45	14 31	1 7	21 12	0 49	12 5	0 54	1 26	0 46	15 8	1 35	15 18	7 10	20 54	21 0	24 48	13 39	7 55
S 28	17 58	24 54	4 5	15 4	1 52	21 31	1 42	14 15	1 7	21 12	0 49	12 7	0 54	1 25	0 46	15 8	1 35	15 19	7 10	20 54	21 0	24 49	13 39	7 55
M29	17 42	25 50	3 18	14 28	1 47	21 32	1 40	13 59	1 6	21 12	0 49	12 8	0 54	1 24	0 46	15 8	1 35	15 20	7 11	20 54	21 1	24 49	13 40	7 55
T 30	17 26	25 36	2 23	13 52	1 40	21 33	1 37	13 43	1 6	21 12	0 49	12 10	0 54	1 23	0 46	15 8	1 35	15 20	7 11	20 54	21 1	24 50	13 41	7 55
W31	17s 9	24n 9	1n20	13s15	1s34	21s33	1n35	13s27	1s 6	21n12	0s48	12n12	0n55	1s22	0s46	15n 8	1s35	15n21	7n11	20s53	21s 2	24n50	13n42	7s55

Julian Day Number = 3066979.5, Delta T = 02h34m29s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'50, Lahiri = 47°28'50

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

FEBRUARY 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 50 24	12♒37'04	22♋53	0♓13	6♉21	27♒44	11°R48	29°R59	28♓22	16♉38	7°R28	25°R18	24♉26	5♊31	21°R30	T 1
F 2	8 54 20	13°38'07	5♌25	1°37	7°34	28°31	11♊47	29♌55	28°24	16°38	7♍27	25♉17	24°22	5°38	21♋26	F 2
S 3	8 58 17	14°39'09	18°11	2°58	8°47	29°18	11°47	29°51	28°27	16°39	7°25	25°16	24°19	5°45	21°23	S 3
S 4	9 2 13	15°40'11	1♍13	4°15	10° 0	0♓ 5	11°D47	29°46	28°30	16°39	7°24	25°14	24°16	5°51	21°19	S 4
M 5	9 6 10	16°41'14	14°29	5°29	11°14	0°52	11°47	29°41	28°33	16°39	7°23	25°11	24°13	5°58	21°15	M 5
T 6	9 10 6	17°42'16	27°59	6°37	12°27	1°39	11°47	29°36	28°35	16°40	7°21	25° 7	24°10	6° 5	21°12	T 6
W 7	9 14 3	18°43'18	11♎40	7°41	13°40	2°26	11°48	29°32	28°38	16°40	7°20	25° 4	24° 6	6°11	21° 9	W 7
T 8	9 18 0	19°44'20	25°31	8°38	14°54	3°13	11°49	29°27	28°41	16°40	7°19	25° 1	24° 3	6°18	21° 5	T 8
F 9	9 21 56	20°45'22	9♏30	9°28	16° 7	4° 0	11°50	29°22	28°44	16°41	7°17	24°59	24° 0	6°25	21° 2	F 9
S 10	9 25 53	21°46'25	23°36	10°10	17°21	4°47	11°51	29°17	28°47	16°41	7°16	24°D59	23°57	6°32	20°59	S 10
S 11	9 29 49	22°47'27	7♐47	10°43	18°34	5°34	11°52	29°12	28°50	16°42	7°15	25° 0	23°54	6°38	20°55	S 11
M12	9 33 46	23°48'29	22° 1	11° 7	19°48	6°21	11°54	29° 7	28°53	16°43	7°13	25° 1	23°51	6°45	20°52	M12
T 13	9 37 42	24°49'32	6♑16	11°20	21° 2	7° 9	11°56	29° 3	28°56	16°43	7°12	25° 3	23°47	6°52	20°49	T 13
W14	9 41 39	25°50'33	20°28	11°R22	22°15	7°56	11°58	28°58	28°59	16°44	7°11	25°R 3	23°44	6°58	20°46	W14
T 15	9 45 36	26°51'35	4♒36	11°12	23°29	8°43	12° 0	28°53	29° 2	16°45	7° 9	25° 3	23°41	7° 5	20°43	T 15
F 16	9 49 32	27°52'36	18°34	10°51	24°43	9°31	12° 2	28°48	29° 5	16°45	7° 8	25° 1	23°38	7°12	20°40	F 16
S 17	9 53 29	28°53'37	2♓20	10°19	25°56	10°18	12° 5	28°43	29° 8	16°46	7° 7	24°58	23°35	7°18	20°37	S 17
S 18	9 57 25	29°54'37	15°50	9°35	27°10	11° 5	12° 8	28°38	29°11	16°47	7° 5	24°52	23°32	7°25	20°35	S 18
M19	10 1 22	0♓55'36	29° 1	8°42	28°24	11°52	12°11	28°33	29°14	16°48	7° 4	24°46	23°28	7°32	20°32	M19
T 20	10 5 18	1°56'34	11♈53	7°40	29°38	12°40	12°14	28°28	29°17	16°49	7° 2	24°39	23°25	7°38	20°29	T 20
W21	10 9 15	2°57'32	24°26	6°32	0♒52	13°27	12°17	28°23	29°21	16°49	7° 1	24°33	23°22	7°45	20°27	W21
T 22	10 13 11	3°58'28	6♉43	5°19	2° 6	14°15	12°21	28°18	29°24	16°50	7° 0	24°28	23°19	7°52	20°24	T 22
F 23	10 17 8	4°59'24	18°46	4° 4	3°20	15° 2	12°25	28°13	29°27	16°51	6°58	24°25	23°16	7°58	20°22	F 23
S 24	10 21 4	6° 0'19	0♊40	2°48	4°34	15°49	12°29	28° 9	29°30	16°52	6°57	24°D23	23°12	8° 5	20°19	S 24
S 25	10 25 1	7° 1'12	12°30	1°35	5°47	16°37	12°33	28° 4	29°33	16°53	6°55	24°23	23° 9	8°12	20°17	S 25
M26	10 28 58	8° 2'04	24°21	0°26	7° 1	17°24	12°37	27°59	29°37	16°54	6°54	24°24	23° 6	8°18	20°15	M26
T 27	10 32 54	9° 2'56	6♋18	29♒22	8°15	18°12	12°42	27°54	29°40	16°55	6°52	24°26	23° 3	8°25	20°13	T 27
W28	10 36 51	10♓ 3'46	18♋27	28♒25	9♒29	18♓59	12♊46	27♌49	29♓43	16♉57	6♍51	24°R27	23♉ 0	8♊32	20♋11	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s52	21n31	0n13	12s38	1s26	21s32	1n32	13s11	1s 6	21n12	0s48	12n14	0n55	1s21	0s46	15n 9	1s35	15n22	7n11	20s53	21s 2	24n51	13n42	7s54
F 2	16 35	17 51	0s56	12 1	1 17	21 31	1 29	12 55	1 6	21 12	0 48	12 15	0 55	1 20	0 46	15 9	1 35	15 22	7 11	20 53	21 3	24 52	13 43	7 54
S 3	16 17	13 17	2 3	11 23	1 8	21 30	1 27	12 39	1 6	21 13	0 48	12 17	0 55	1 19	0 46	15 9	1 35	15 23	7 11	20 53	21 4	24 52	13 44	7 54
S 4	16 0	8 3	3 5	10 46	0 58	21 27	1 24	12 22	1 6	21 13	0 47	12 19	0 55	1 18	0 46	15 9	1 35	15 23	7 11	20 54	21 4	24 53	13 45	7 54
M 5	15 42	2 22	3 59	10 9	0 47	21 24	1 21	12 6	1 6	21 13	0 47	12 21	0 55	1 16	0 46	15 9	1 35	15 24	7 12	20 54	21 5	24 54	13 46	7 53
T 6	15 23	3s29	4 40	9 32	0 35	21 21	1 18	11 49	1 5	21 13	0 47	12 22	0 55	1 15	0 46	15 9	1 35	15 25	7 12	20 55	21 5	24 54	13 46	7 53
W 7	15 5	9 16	5 6	8 57	0 22	21 17	1 15	11 32	1 5	21 14	0 47	12 24	0 55	1 14	0 46	15 9	1 35	15 25	7 12	20 56	21 6	24 55	13 47	7 53
T 8	14 46	14 39	5 14	8 23	0 8	21 12	1 13	11 15	1 5	21 14	0 46	12 26	0 56	1 13	0 46	15 10	1 34	15 26	7 12	20 56	21 6	24 55	13 48	7 53
F 9	14 27	19 20	5 4	7 50	0n 7	21 6	1 10	10 58	1 5	21 14	0 46	12 28	0 56	1 12	0 46	15 10	1 34	15 26	7 12	20 56	21 7	24 56	13 49	7 52
S 10	14 7	22 58	4 36	7 20	0 23	21 0	1 7	10 40	1 5	21 15	0 46	12 29	0 56	1 11	0 46	15 10	1 34	15 27	7 12	20 57	21 7	24 57	13 50	7 52
S 11	13 48	25 12	3 51	6 53	0 39	20 54	1 4	10 23	1 4	21 15	0 46	12 31	0 56	1 10	0 46	15 10	1 34	15 28	7 12	20 56	21 8	24 57	13 50	7 52
M12	13 28	25 50	2 51	6 28	0 56	20 47	1 1	10 6	1 4	21 16	0 45	12 33	0 56	1 8	0 46	15 10	1 34	15 28	7 13	20 56	21 8	24 58	13 51	7 51
T 13	13 8	24 46	1 41	6 7	1 14	20 39	0 58	9 48	1 4	21 16	0 45	12 35	0 56	1 7	0 45	15 11	1 34	15 29	7 13	20 56	21 9	24 58	13 52	7 51
W14	12 47	22 6	0 25	5 50	1 31	20 30	0 55	9 30	1 4	21 17	0 45	12 37	0 56	1 6	0 45	15 11	1 34	15 30	7 13	20 56	21 10	24 59	13 53	7 51
T 15	12 27	18 6	0n52	5 37	1 49	20 21	0 52	9 13	1 4	21 17	0 45	12 38	0 56	1 5	0 45	15 11	1 34	15 30	7 13	20 56	21 10	24 59	13 54	7 50
F 16	12 6	13 8	2 5	5 29	2 6	20 12	0 49	8 55	1 3	21 18	0 44	12 40	0 56	1 3	0 45	15 11	1 34	15 31	7 13	20 56	21 11	25 0	13 54	7 50
S 17	11 45	7 36	3 9	5 25	2 23	20 1	0 46	8 37	1 3	21 18	0 44	12 42	0 56	1 2	0 45	15 12	1 34	15 31	7 13	20 57	21 11	25 0	13 55	7 49
S 18	11 24	1 49	4 2	5 27	2 39	19 50	0 43	8 19	1 3	21 19	0 44	12 44	0 57	1 1	0 45	15 12	1 34	15 32	7 13	20 58	21 12	25 1	13 56	7 49
M19	11 3	3n54	4 40	5 33	2 53	19 39	0 39	8 1	1 3	21 20	0 44	12 46	0 57	1 0	0 45	15 12	1 34	15 33	7 13	20 59	21 12	25 1	13 57	7 49
T 20	10 41	9 18	5 3	5 44	3 6	19 27	0 36	7 43	1 2	21 20	0 43	12 47	0 57	0 58	0 45	15 12	1 34	15 33	7 13	21 0	21 13	25 2	13 58	7 48
W21	10 20	14 12	5 10	5 59	3 17	19 15	0 33	7 24	1 2	21 21	0 43	12 49	0 57	0 57	0 45	15 13	1 34	15 34	7 14	21 1	21 13	25 2	13 58	7 48
T 22	9 58	18 25	5 3	6 18	3 25	19 1	0 30	7 6	1 2	21 22	0 43	12 51	0 57	0 56	0 45	15 13	1 34	15 35	7 14	21 2	21 14	25 3	13 59	7 47
F 23	9 36	21 47	4 43	6 39	3 31	18 48	0 27	6 48	1 2	21 22	0 43	12 53	0 57	0 55	0 45	15 13	1 34	15 35	7 14	21 3	21 14	25 3	14 0	7 47
S 24	9 14	24 12	4 11	7 3	3 34	18 34	0 24	6 29	1 1	21 23	0 42	12 54	0 57	0 53	0 45	15 14	1 34	15 36	7 14	21 3	21 15	25 4	14 1	7 46
S 25	8 51	25 31	3 28	7 28	3 35	18 19	0 21	6 11	1 1	21 24	0 42	12 56	0 57	0 52	0 45	15 14	1 34	15 36	7 14	21 3	21 15	25 4	14 2	7 46
M26	8 29	25 42	2 36	7 54	3 33	18 4	0 18	5 52	1 1	21 25	0 42	12 58	0 57	0 51	0 45	15 14	1 34	15 37	7 14	21 3	21 16	25 5	14 2	7 45
T 27	8 6	24 41	1 37	8 19	3 29	17 48	0 15	5 33	1 0	21 26	0 42	13 0	0 57	0 49	0 45	15 15	1 34	15 38	7 14	21 2	21 17	25 5	14 3	7 45
W28	7s44	22n30	0n32	8s44	3n23	17s32	0n12	5s15	1s 0	21n26	0s41	13n 1	0n57	0s48	0s45	15n15	1s33	15n38	7n14	21s 2	21s17	25n 6	14n 4	7s44

Julian Day Number = 3067010.5, Delta T = 02h34m30s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'54, Lahiri = 47°28'55

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

MARCH 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 40 47	11♓ 4'35	0♌50	27°R35	10♒44	19♓47	12♊51	27°R45	29♓47	16♉58	6°R50	24°R27	22♑57	8♊39	20°R 9	T 1
F 2	10 44 44	12° 5'23	13°32	26♒54	11°58	20°34	12°56	27♌40	29°50	16°59	6♍48	24♑25	22°53	8°45	20♋ 7	F 2
S 3	10 48 40	13° 6'09	26°35	26°21	13°12	21°21	13° 1	27°35	29°53	17° 0	6°47	24°21	22°50	8°52	20° 5	S 3
S 4	10 52 37	14° 6'54	9♍59	25°57	14°26	22° 9	13° 7	27°31	29°57	17° 1	6°45	24°15	22°47	8°59	20° 3	S 4
M 5	10 56 33	15° 7'39	23°41	25°41	15°40	22°56	13°12	27°26	0♈ 0	17° 3	6°44	24° 6	22°44	9° 5	20° 1	M 5
T 6	11 0 30	16° 8'22	7♎40	25°32	16°54	23°44	13°18	27°22	0° 3	17° 4	6°43	23°57	22°41	9°12	20° 0	T 6
W 7	11 4 27	17° 9'04	21°49	25°D32	18° 8	24°31	13°24	27°17	0° 7	17° 5	6°41	23°49	22°37	9°19	19°58	W 7
T 8	11 8 23	18° 9'45	6♏ 5	25°39	19°22	25°19	13°30	27°13	0°10	17° 6	6°40	23°41	22°34	9°25	19°57	T 8
F 9	11 12 20	19°10'25	20°22	25°52	20°36	26° 6	13°37	27° 8	0°14	17° 8	6°38	23°35	22°31	9°32	19°55	F 9
S 10	11 16 16	20°11'05	4♐37	26°11	21°51	26°54	13°43	27° 4	0°17	17° 9	6°37	23°32	22°28	9°39	19°54	S 10
S 11	11 20 13	21°11'43	18°47	26°37	23° 5	27°41	13°50	27° 0	0°20	17°11	6°36	23°D31	22°25	9°45	19°53	S 11
M12	11 24 9	22°12'21	2♑51	27° 7	24°19	28°29	13°56	26°55	0°24	17°12	6°34	23°31	22°22	9°52	19°52	M12
T 13	11 28 6	23°12'57	16°47	27°43	25°33	29°16	14° 3	26°51	0°27	17°14	6°33	23°R32	22°18	9°59	19°51	T 13
W14	11 32 2	24°13'33	0♒35	28°23	26°48	0♈ 4	14°10	26°47	0°31	17°15	6°32	23°32	22°15	10° 5	19°50	W14
T 15	11 35 59	25°14'07	14°16	29° 7	28° 2	0°51	14°18	26°43	0°34	17°17	6°30	23°30	22°12	10°12	19°49	T 15
F 16	11 39 56	26°14'40	27°47	29°55	29°16	1°39	14°25	26°39	0°38	17°18	6°29	23°25	22° 9	10°19	19°48	F 16
S 17	11 43 52	27°15'12	11♓ 8	0♓46	0♓30	2°26	14°33	26°35	0°41	17°20	6°28	23°18	22° 6	10°25	19°48	S 17
S 18	11 47 49	28°15'42	24°18	1°41	1°45	3°14	14°40	26°31	0°45	17°21	6°26	23° 8	22° 3	10°32	19°47	S 18
M19	11 51 45	29°16'11	7♈14	2°38	2°59	4° 1	14°48	26°28	0°48	17°23	6°25	22°56	21°59	10°39	19°47	M19
T 20	11 55 42	0♈16'38	19°55	3°39	4°13	4°49	14°56	26°24	0°52	17°25	6°24	22°44	21°56	10°45	19°46	T 20
W21	11 59 38	1°17'04	2♉22	4°42	5°28	5°36	15° 4	26°20	0°55	17°26	6°23	22°31	21°53	10°52	19°46	W21
T 22	12 3 35	2°17'28	14°35	5°47	6°42	6°24	15°12	26°17	0°58	17°28	6°21	22°21	21°50	10°59	19°46	T 22
F 23	12 7 31	3°17'51	26°37	6°54	7°56	7°11	15°21	26°14	1° 2	17°30	6°20	22°12	21°47	11° 5	19°46	F 23
S 24	12 11 28	4°18'12	8♊30	8° 4	9°11	7°58	15°29	26°10	1° 5	17°32	6°19	22° 7	21°43	11°12	19°D46	S 24
S 25	12 15 25	5°18'31	20°19	9°16	10°25	8°46	15°38	26° 7	1° 9	17°33	6°18	22° 4	21°40	11°19	19°46	S 25
M26	12 19 21	6°18'48	2♋ 9	10°29	11°39	9°33	15°47	26° 4	1°12	17°35	6°16	22°D 3	21°37	11°26	19°46	M26
T 27	12 23 18	7°19'03	14° 4	11°44	12°54	10°21	15°56	26° 1	1°16	17°37	6°15	22° 3	21°34	11°32	19°46	T 27
W28	12 27 14	8°19'16	26°11	13° 1	14° 8	11° 8	16° 5	25°58	1°19	17°39	6°14	22°R 3	21°31	11°39	19°46	W28
T 29	12 31 11	9°19'28	8♌35	14°20	15°22	11°55	16°14	25°55	1°23	17°41	6°13	22° 2	21°28	11°46	19°47	T 29
F 30	12 35 7	10°19'37	21°20	15°40	16°37	12°43	16°24	25°52	1°26	17°43	6°12	21°59	21°24	11°52	19°47	F 30
S 31	12 39 4	11♈19'44	4♍30	17♓ 1	17♓51	13♈30	16♊33	25♌49	1♈30	17♉44	6♍11	21♑53	21♑21	11♊59	19♋48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s21	19n14	0s34	9s 8	3n16	17s15	0n 9	4s56	1s 0	21n27	0s41	13n 3	0n57	0s47	0s45	15n15	1s33	15n39	7n14	21s 2	21s18	25n 6	14n 5	7s44
F 2	6 58	14 59	1 41	9 30	3 7	16 58	0 6	4 37	0 59	21 28	0 41	13 5	0 58	0 45	0 45	15 16	1 33	15 39	7 14	21 3	21 18	25 6	14 5	7 43
S 3	6 35	9 58	2 44	9 51	2 57	16 40	0 3	4 18	0 59	21 29	0 41	13 6	0 58	0 44	0 45	15 16	1 33	15 40	7 14	21 3	21 19	25 7	14 6	7 43
S 4	6 12	4 21	3 40	10 9	2 46	16 22	0s 0	3 59	0 59	21 30	0 41	13 8	0 58	0 43	0 45	15 16	1 33	15 40	7 14	21 4	21 19	25 7	14 7	7 42
M 5	5 49	1s34	4 24	10 26	2 34	16 3	0 3	3 40	0 58	21 31	0 40	13 10	0 58	0 41	0 45	15 17	1 33	15 41	7 14	21 6	21 20	25 8	14 8	7 42
T 6	5 25	7 31	4 54	10 40	2 22	15 44	0 6	3 21	0 58	21 32	0 40	13 11	0 58	0 40	0 45	15 17	1 33	15 42	7 14	21 7	21 20	25 8	14 9	7 41
W 7	5 2	13 9	5 6	10 52	2 9	15 24	0 9	3 2	0 58	21 33	0 40	13 13	0 58	0 39	0 45	15 18	1 33	15 42	7 14	21 9	21 21	25 8	14 9	7 41
T 8	4 38	18 8	4 59	11 2	1 57	15 4	0 12	2 43	0 57	21 34	0 40	13 14	0 58	0 37	0 45	15 18	1 33	15 43	7 14	21 10	21 21	25 9	14 10	7 40
F 9	4 15	22 4	4 33	11 9	1 44	14 43	0 15	2 24	0 57	21 35	0 39	13 16	0 58	0 36	0 45	15 19	1 33	15 43	7 14	21 11	21 22	25 9	14 11	7 39
S 10	3 51	24 39	3 51	11 15	1 31	14 23	0 18	2 5	0 57	21 36	0 39	13 17	0 58	0 35	0 45	15 19	1 33	15 44	7 15	21 12	21 22	25 10	14 11	7 39
S 11	3 28	25 40	2 55	11 18	1 18	14 1	0 20	1 46	0 56	21 37	0 39	13 19	0 58	0 33	0 45	15 19	1 33	15 44	7 15	21 12	21 23	25 10	14 12	7 38
M12	3 4	25 0	1 48	11 19	1 6	13 40	0 23	1 27	0 56	21 38	0 39	13 20	0 58	0 32	0 45	15 20	1 33	15 45	7 15	21 12	21 23	25 10	14 13	7 38
T 13	2 40	22 47	0 36	11 19	0 54	13 18	0 26	1 8	0 55	21 39	0 39	13 22	0 58	0 31	0 45	15 20	1 33	15 45	7 15	21 12	21 24	25 11	14 14	7 37
W14	2 16	19 14	0n38	11 17	0 42	12 55	0 28	0 49	0 55	21 40	0 38	13 23	0 58	0 29	0 45	15 21	1 33	15 46	7 15	21 12	21 24	25 11	14 14	7 37
T 15	1 53	14 40	1 48	11 12	0 30	12 32	0 31	0 30	0 55	21 41	0 38	13 25	0 58	0 28	0 45	15 21	1 33	15 46	7 15	21 12	21 25	25 11	14 15	7 36
F 16	1 29	9 26	2 52	11 6	0 19	12 9	0 34	0 11	0 54	21 42	0 38	13 26	0 58	0 27	0 45	15 22	1 33	15 47	7 15	21 13	21 25	25 12	14 16	7 35
S 17	1 5	3 51	3 45	10 59	0 8	11 46	0 36	0n 8	0 54	21 43	0 38	13 27	0 58	0 25	0 45	15 22	1 33	15 47	7 15	21 14	21 26	25 12	14 16	7 35
S 18	0 41	1n49	4 25	10 49	0s 3	11 22	0 39	0 27	0 53	21 44	0 38	13 29	0 58	0 24	0 45	15 23	1 33	15 48	7 15	21 16	21 26	25 12	14 17	7 34
M19	0 17	7 18	4 51	10 39	0 13	10 58	0 41	0 46	0 53	21 45	0 37	13 30	0 58	0 22	0 45	15 23	1 33	15 48	7 15	21 18	21 27	25 13	14 18	7 34
T 20	0n 7	12 23	5 2	10 26	0 23	10 33	0 44	1 5	0 53	21 46	0 37	13 31	0 58	0 21	0 45	15 24	1 33	15 49	7 15	21 20	21 27	25 13	14 18	7 33
W21	0 30	16 51	4 58	10 12	0 32	10 8	0 46	1 24	0 52	21 47	0 37	13 33	0 58	0 20	0 45	15 24	1 33	15 49	7 15	21 22	21 28	25 13	14 19	7 32
T 22	0 54	20 32	4 40	9 57	0 41	9 43	0 48	1 43	0 52	21 48	0 37	13 34	0 59	0 18	0 45	15 25	1 33	15 50	7 15	21 23	21 28	25 14	14 20	7 32
F 23	1 18	23 17	4 10	9 41	0 50	9 18	0 51	2 2	0 51	21 49	0 37	13 35	0 59	0 17	0 45	15 25	1 33	15 50	7 15	21 25	21 29	25 14	14 20	7 31
S 24	1 42	24 58	3 29	9 23	0 59	8 52	0 53	2 21	0 51	21 50	0 36	13 36	0 59	0 16	0 45	15 26	1 32	15 51	7 15	21 26	21 29	25 14	14 21	7 31
S 25	2 5	25 32	2 40	9 3	1 7	8 27	0 55	2 40	0 50	21 52	0 36	13 37	0 59	0 14	0 45	15 26	1 32	15 51	7 15	21 26	21 30	25 14	14 21	7 30
M26	2 29	24 56	1 44	8 43	1 14	8 1	0 57	2 59	0 50	21 53	0 36	13 38	0 59	0 13	0 45	15 27	1 32	15 51	7 14	21 26	21 30	25 15	14 22	7 29
T 27	2 53	23 11	0 42	8 21	1 21	7 34	0 59	3 18	0 49	21 54	0 36	13 39	0 59	0 12	0 45	15 27	1 32	15 52	7 14	21 26	21 31	25 15	14 23	7 29
W28	3 16	20 22	0s22	7 58	1 28	7 8	1 1	3 37	0 49	21 55	0 36	13 40	0 59	0 10	0 45	15 28	1 32	15 52	7 14	21 26	21 31	25 15	14 23	7 28
T 29	3 40	16 34	1 27	7 34	1 35	6 41	1 3	3 56	0 48	21 56	0 35	13 41	0 59	0 9	0 45	15 28	1 32	15 53	7 14	21 26	21 32	25 15	14 24	7 28
F 30	4 3	11 55	2 29	7 9	1 41	6 14	1 5	4 14	0 48	21 57	0 35	13 42	0 59	0 7	0 45	15 29	1 32	15 53	7 14	21 27	21 32	25 16	14 24	7 27
S 31	4n27	6n36	3s25	6s43	1s46	5s47	1s 7	4n33	0s48	21n58	0s35	13n43	0n59	0s 6	0s45	15n29	1s32	15n53	7n14	21s28	21s33	25n16	14n25	7s26

Julian Day Number = 3067038.5, Delta T = 02h34m31s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°21'58, Lahiri = 47°28'59

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

APRIL 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 43 0	12♈19'50	18♍ 6	18♓24	19♓ 5	14♈17	16♊43	25°R47	1♈33	17♉46	6°R10	21°R44	21♐18	12♊ 6	19♋49	S 1
M 2	12 46 57	13°19'53	2♎ 7	19°48	20°20	15° 5	16°52	25♌44	1°36	17°48	6♍ 9	21♐34	21°15	12°12	19°49	M 2
T 3	12 50 53	14°19'55	16°29	21°14	21°34	15°52	17° 2	25°42	1°40	17°50	6° 7	21°22	21°12	12°19	19°50	T 3
W 4	12 54 50	15°19'55	1♏ 6	22°41	22°48	16°39	17°12	25°39	1°43	17°52	6° 6	21°10	21° 9	12°26	19°51	W 4
T 5	12 58 47	16°19'54	15°50	24° 9	24° 3	17°26	17°22	25°37	1°47	17°54	6° 5	20°59	21° 5	12°32	19°52	T 5
F 6	13 2 43	17°19'51	0♐33	25°39	25°17	18°14	17°32	25°35	1°50	17°56	6° 4	20°51	21° 2	12°39	19°53	F 6
S 7	13 6 40	18°19'46	15° 9	27°10	26°31	19° 1	17°43	25°33	1°53	17°58	6° 3	20°46	20°59	12°46	19°55	S 7
S 8	13 10 36	19°19'40	29°32	28°42	27°46	19°48	17°53	25°31	1°57	18° 0	6° 2	20°43	20°56	12°52	19°56	S 8
M 9	13 14 33	20°19'32	13♑40	0♈15	29° 0	20°35	18° 3	25°29	2° 0	18° 2	6° 1	20°42	20°53	12°59	19°57	M 9
T 10	13 18 29	21°19'23	27°32	1°49	0♈14	21°22	18°14	25°28	2° 3	18° 4	6° 1	20°42	20°49	13° 6	19°59	T 10
W11	13 22 26	22°19'12	11♒ 8	3°25	1°29	22° 9	18°25	25°26	2° 7	18° 6	6° 0	20°42	20°46	13°12	20° 0	W11
T 12	13 26 22	23°19'00	24°31	5° 2	2°43	22°57	18°35	25°24	2°10	18° 9	5°59	20°39	20°43	13°19	20° 2	T 12
F 13	13 30 19	24°18'45	7♓42	6°40	3°57	23°44	18°46	25°23	2°13	18°11	5°58	20°34	20°40	13°26	20° 4	F 13
S 14	13 34 16	25°18'29	20°41	8°20	5°12	24°31	18°57	25°22	2°16	18°13	5°57	20°25	20°37	13°32	20° 5	S 14
S 15	13 38 12	26°18'12	3♈28	10° 0	6°26	25°18	19° 8	25°21	2°20	18°15	5°56	20°14	20°34	13°39	20° 7	S 15
M16	13 42 9	27°17'52	16° 5	11°42	7°40	26° 5	19°20	25°19	2°23	18°17	5°55	20° 1	20°30	13°46	20° 9	M16
T 17	13 46 5	28°17'31	28°31	13°26	8°55	26°52	19°31	25°19	2°26	18°19	5°55	19°47	20°27	13°52	20°11	T 17
W18	13 50 2	29°17'08	10♉47	15°10	10° 9	27°39	19°42	25°18	2°29	18°21	5°54	19°33	20°24	13°59	20°14	W18
T 19	13 53 58	0♉16'43	22°52	16°56	11°23	28°26	19°54	25°17	2°32	18°24	5°53	19°21	20°21	14° 6	20°16	T 19
F 20	13 57 55	1°16'16	4♊49	18°43	12°38	29°12	20° 5	25°16	2°36	18°26	5°52	19°11	20°18	14°12	20°18	F 20
S 21	14 1 51	2°15'47	16°40	20°31	13°52	29°59	20°17	25°16	2°39	18°28	5°52	19° 4	20°15	14°19	20°20	S 21
S 22	14 5 48	3°15'16	28°27	22°21	15° 6	0♉46	20°29	25°15	2°42	18°30	5°51	19° 0	20°11	14°26	20°23	S 22
M23	14 9 45	4°14'43	10♋15	24°12	16°21	1°33	20°40	25°15	2°45	18°32	5°50	18°58	20° 8	14°32	20°25	M23
T 24	14 13 41	5°14'07	22° 9	26° 4	17°35	2°20	20°52	25°15	2°48	18°35	5°50	18°D58	20° 5	14°39	20°28	T 24
W25	14 17 38	6°13'29	4♌14	27°58	18°49	3° 6	21° 4	25°D15	2°51	18°37	5°49	18°R58	20° 2	14°46	20°31	W25
T 26	14 21 34	7°12'49	16°35	29°53	20° 3	3°53	21°16	25°15	2°54	18°39	5°49	18°58	19°59	14°52	20°34	T 26
F 27	14 25 31	8°12'07	29°17	1♉49	21°18	4°40	21°28	25°15	2°57	18°41	5°48	18°56	19°55	14°59	20°36	F 27
S 28	14 29 27	9°11'22	12♍26	3°47	22°32	5°26	21°41	25°15	3° 0	18°44	5°48	18°52	19°52	15° 6	20°39	S 28
S 29	14 33 24	10°10'36	26° 3	5°46	23°46	6°13	21°53	25°16	3° 3	18°46	5°47	18°45	19°49	15°12	20°42	S 29
M30	14 37 20	11♉ 9'47	10♎ 9	7♉46	25♈ 0	6♉59	22♊ 5	25♌16	3♈ 6	18♉48	5♍47	18♐36	19♐46	15♊19	20♋45	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n50	0n49	4s11	6s15	1s51	5s20	1s 9	4n52	0s47	21n59	0s35	13n44	0n59	0s 5	0s45	15n30	1s32	15n54	7n14	21s29	21s33	25n16	14n25	7s26
M 2	5 13	5s11	4 43	5 47	1 56	4 53	1 10	5 10	0 47	22 1	0 35	13 45	0 59	0 3	0 45	15 31	1 32	15 54	7 14	21 31	21 34	25 16	14 26	7 25
T 3	5 36	11 2	4 59	5 18	2 1	4 25	1 12	5 29	0 46	22 2	0 34	13 46	0 59	0 2	0 45	15 31	1 32	15 54	7 14	21 33	21 34	25 16	14 26	7 24
W 4	5 59	16 23	4 56	4 47	2 5	3 57	1 13	5 47	0 46	22 3	0 34	13 47	0 59	0 1	0 45	15 32	1 32	15 55	7 14	21 35	21 35	25 17	14 27	7 24
T 5	6 22	20 47	4 33	4 16	2 8	3 30	1 15	6 6	0 45	22 4	0 34	13 47	0 59	0n 1	0 45	15 32	1 32	15 55	7 14	21 36	21 35	25 17	14 27	7 23
F 6	6 45	23 52	3 52	3 44	2 11	3 2	1 16	6 24	0 44	22 5	0 34	13 48	0 59	0 2	0 45	15 33	1 32	15 55	7 14	21 37	21 36	25 17	14 28	7 23
S 7	7 7	25 19	2 56	3 10	2 14	2 34	1 18	6 42	0 44	22 6	0 34	13 49	0 59	0 3	0 45	15 33	1 32	15 56	7 14	21 38	21 36	25 17	14 28	7 22
S 8	7 30	25 3	1 49	2 36	2 16	2 6	1 19	7 0	0 43	22 7	0 34	13 49	0 59	0 4	0 45	15 34	1 32	15 56	7 14	21 39	21 37	25 17	14 29	7 21
M 9	7 52	23 9	0 37	2 1	2 18	1 38	1 20	7 18	0 43	22 8	0 33	13 50	0 59	0 6	0 45	15 35	1 32	15 56	7 14	21 39	21 37	25 18	14 29	7 21
T 10	8 15	19 53	0n36	1 25	2 20	1 9	1 22	7 36	0 42	22 9	0 33	13 51	0 59	0 7	0 45	15 35	1 32	15 57	7 14	21 39	21 38	25 18	14 29	7 20
W11	8 37	15 35	1 46	0 48	2 21	0 41	1 23	7 54	0 42	22 11	0 33	13 51	0 59	0 8	0 45	15 36	1 32	15 57	7 14	21 39	21 38	25 18	14 30	7 20
T 12	8 59	10 35	2 48	0 11	2 21	0 13	1 24	8 12	0 41	22 12	0 33	13 52	0 59	0 10	0 45	15 36	1 32	15 57	7 14	21 39	21 39	25 18	14 30	7 19
F 13	9 21	5 11	3 41	0n27	2 21	0n16	1 25	8 30	0 41	22 13	0 33	13 52	0 59	0 11	0 45	15 37	1 32	15 57	7 13	21 40	21 39	25 18	14 31	7 18
S 14	9 42	0n21	4 21	1 7	2 21	0 44	1 26	8 47	0 40	22 14	0 33	13 52	0 59	0 12	0 45	15 38	1 32	15 58	7 13	21 41	21 40	25 18	14 31	7 18
S 15	10 4	5 46	4 47	1 46	2 20	1 12	1 27	9 5	0 40	22 15	0 32	13 53	0 59	0 13	0 45	15 38	1 32	15 58	7 13	21 43	21 40	25 18	14 31	7 17
M16	10 25	10 53	4 59	2 27	2 19	1 41	1 27	9 22	0 39	22 16	0 32	13 53	0 59	0 15	0 45	15 39	1 32	15 58	7 13	21 45	21 40	25 18	14 32	7 16
T 17	10 46	15 28	4 57	3 8	2 17	2 9	1 28	9 40	0 39	22 17	0 32	13 53	0 59	0 16	0 45	15 39	1 32	15 58	7 13	21 47	21 41	25 19	14 32	7 16
W18	11 7	19 22	4 40	3 50	2 15	2 37	1 29	9 57	0 38	22 18	0 32	13 54	0 59	0 17	0 45	15 40	1 32	15 59	7 13	21 49	21 41	25 19	14 32	7 15
T 19	11 28	22 22	4 11	4 33	2 13	3 6	1 29	10 14	0 37	22 19	0 32	13 54	0 59	0 18	0 45	15 41	1 32	15 59	7 13	21 50	21 42	25 19	14 32	7 15
F 20	11 49	24 22	3 31	5 16	2 9	3 34	1 30	10 31	0 37	22 20	0 32	13 54	0 59	0 20	0 45	15 41	1 32	15 59	7 13	21 52	21 42	25 19	14 33	7 14
S 21	12 9	25 15	2 42	6 0	2 6	4 2	1 30	10 48	0 36	22 21	0 31	13 54	0 59	0 21	0 45	15 42	1 32	15 59	7 13	21 53	21 43	25 19	14 33	7 14
S 22	12 29	24 59	1 47	6 44	2 2	4 30	1 31	11 5	0 36	22 22	0 31	13 54	0 59	0 22	0 45	15 42	1 32	15 59	7 13	21 53	21 43	25 19	14 33	7 13
M23	12 49	23 36	0 46	7 29	1 57	4 58	1 31	11 21	0 35	22 23	0 31	13 55	0 59	0 23	0 45	15 43	1 32	15 59	7 13	21 54	21 44	25 19	14 33	7 12
T 24	13 9	21 9	0s17	8 14	1 52	5 26	1 31	11 38	0 34	22 24	0 31	13 55	0 59	0 25	0 45	15 44	1 32	15 59	7 13	21 54	21 44	25 19	14 34	7 12
W25	13 29	17 44	1 20	9 0	1 47	5 54	1 31	11 54	0 34	22 25	0 31	13 55	0 59	0 26	0 45	15 44	1 32	16 0	7 12	21 54	21 45	25 19	14 34	7 11
T 26	13 48	13 29	2 21	9 45	1 41	6 21	1 31	12 11	0 33	22 26	0 31	13 55	0 59	0 27	0 45	15 45	1 32	16 0	7 12	21 54	21 45	25 19	14 34	7 11
F 27	14 7	8 32	3 17	10 31	1 34	6 49	1 32	12 27	0 33	22 27	0 31	13 55	0 59	0 28	0 45	15 45	1 32	16 0	7 12	21 54	21 46	25 19	14 34	7 10
S 28	14 26	3 4	4 4	11 18	1 27	7 16	1 31	12 43	0 32	22 28	0 30	13 54	0 59	0 29	0 45	15 46	1 32	16 0	7 12	21 55	21 46	25 19	14 34	7 10
S 29	14 44	2s44	4 40	12 4	1 20	7 44	1 31	12 59	0 31	22 28	0 30	13 54	0 59	0 30	0 45	15 47	1 32	16 0	7 12	21 55	21 47	25 19	14 34	7 9
M30	15n 3	8s35	5s 0	12n50	1s12	8n11	1s31	13n14	0s31	22n29	0s30	13n54	0n58	0n31	0s45	15n47	1s32	16n 0	7n12	21s57	21s47	25n19	14n34	7s 8

Julian Day Number = 3067069.5, Delta T = 02h34m32s
Ecliptic obliquity = 23°13'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'02, Lahiri = 47°29'03

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

MAY 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 41 17	12♉ 8'56	24♎41	9♉47	26♈15	7♉46	22♊18	25♌17	3♈ 9	18♉50	5°R46	18°R26	19♏43	15♊26	20♋49	T 1
W 2	14 45 13	13° 8'03	9♏34	11°49	27°29	8°32	22°30	25°17	3°12	18°53	5♍46	18♏16	19°40	15°32	20°52	W 2
T 3	14 49 10	14° 7'08	24°38	13°53	28°43	9°19	22°43	25°18	3°14	18°55	5°45	18° 7	19°36	15°39	20°55	T 3
F 4	14 53 7	15° 6'11	9♐44	15°57	29°57	10° 5	22°55	25°19	3°17	18°57	5°45	18° 0	19°33	15°46	20°59	F 4
S 5	14 57 3	16° 5'13	24°42	18° 2	1♉11	10°52	23° 8	25°20	3°20	18°59	5°45	17°56	19°30	15°52	21° 2	S 5
S 6	15 1 0	17° 4'12	9♑24	20° 8	2°26	11°38	23°21	25°21	3°23	19° 2	5°44	17°54	19°27	15°59	21° 6	S 6
M 7	15 4 56	18° 3'10	23°47	22°14	3°40	12°24	23°33	25°22	3°25	19° 4	5°44	17°D53	19°24	16° 6	21° 9	M 7
T 8	15 8 53	19° 2'07	7♒47	24°20	4°54	13°10	23°46	25°24	3°28	19° 6	5°44	17°54	19°21	16°12	21°13	T 8
W 9	15 12 49	20° 1'02	21°26	26°26	6° 8	13°57	23°59	25°25	3°31	19° 8	5°44	17°R55	19°17	16°19	21°16	W 9
T 10	15 16 46	20°59'55	4♓44	28°31	7°22	14°43	24°12	25°27	3°33	19°11	5°43	17°54	19°14	16°26	21°20	T 10
F 11	15 20 43	21°58'46	17°45	0♊36	8°36	15°29	24°25	25°28	3°36	19°13	5°43	17°51	19°11	16°32	21°24	F 11
S 12	15 24 39	22°57'36	0♈30	2°40	9°51	16°15	24°38	25°30	3°38	19°15	5°43	17°45	19° 8	16°39	21°28	S 12
S 13	15 28 36	23°56'24	13° 2	4°42	11° 5	17° 1	24°51	25°32	3°41	19°18	5°43	17°38	19° 5	16°46	21°32	S 13
M14	15 32 32	24°55'10	25°23	6°43	12°19	17°47	25° 4	25°34	3°43	19°20	5°43	17°28	19° 1	16°52	21°36	M14
T 15	15 36 29	25°53'55	7♉34	8°41	13°33	18°33	25°18	25°36	3°46	19°22	5°43	17°19	18°58	16°59	21°40	T 15
W16	15 40 25	26°52'38	19°38	10°37	14°47	19°19	25°31	25°38	3°48	19°24	5°43	17° 9	18°55	17° 6	21°44	W16
T 17	15 44 22	27°51'19	1♊34	12°31	16° 1	20° 5	25°44	25°41	3°51	19°27	5°D43	17° 0	18°52	17°12	21°49	T 17
F 18	15 48 18	28°49'58	13°26	14°21	17°15	20°51	25°57	25°43	3°53	19°29	5°43	16°53	18°49	17°19	21°53	F 18
S 19	15 52 15	29°48'36	25°14	16° 9	18°29	21°36	26°11	25°45	3°55	19°31	5°43	16°49	18°46	17°26	21°57	S 19
S 20	15 56 12	0♊47'11	7♋ 1	17°53	19°43	22°22	26°24	25°48	3°57	19°33	5°43	16°46	18°42	17°32	22° 2	S 20
M21	16 0 8	1°45'45	18°50	19°33	20°58	23° 8	26°38	25°51	4° 0	19°36	5°43	16°D46	18°39	17°39	22° 6	M21
T 22	16 4 5	2°44'16	0♌46	21° 9	22°12	23°54	26°51	25°54	4° 2	19°38	5°43	16°46	18°36	17°46	22°11	T 22
W23	16 8 1	3°42'46	12°51	22°42	23°26	24°39	27° 5	25°56	4° 4	19°40	5°43	16°48	18°33	17°52	22°15	W23
T 24	16 11 58	4°41'13	25°11	24°10	24°40	25°25	27°18	25°59	4° 6	19°42	5°44	16°49	18°30	17°59	22°20	T 24
F 25	16 15 54	5°39'38	7♍51	25°34	25°54	26°10	27°32	26° 2	4° 8	19°44	5°44	16°R50	18°26	18° 6	22°25	F 25
S 26	16 19 51	6°38'01	20°54	26°53	27° 8	26°56	27°46	26° 6	4°10	19°47	5°44	16°49	18°23	18°12	22°29	S 26
S 27	16 23 47	7°36'23	4♎26	28° 8	28°22	27°41	27°59	26° 9	4°12	19°49	5°44	16°46	18°20	18°19	22°34	S 27
M28	16 27 44	8°34'42	18°26	29°19	29°36	28°26	28°13	26°12	4°14	19°51	5°45	16°42	18°17	18°26	22°39	M28
T 29	16 31 41	9°32'59	2♏54	0♋25	0♊50	29°12	28°27	26°16	4°16	19°53	5°45	16°37	18°14	18°32	22°44	T 29
W30	16 35 37	10°31'14	17°45	1°26	2° 4	29°57	28°41	26°19	4°18	19°55	5°45	16°31	18°11	18°39	22°49	W30
T 31	16 39 34	11♊29'28	2♐53	2♋22	3♊18	0♊42	28♊54	26♌23	4♈20	19♉57	5♍46	16♏26	18♏ 7	18♊46	22♋54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n21	14s 9	5s 1	13n37	1s 3	8n38	1s31	13n30	0s30	22n30	0s30	13n54	0n58	0n33	0s45	15n48	1s32	16n 0	7n12	21s58	21s47	25n19	14n35	7s 8
W 2	15 38	19 1	4 43	14 23	0 55	9 4	1 31	13 45	0 30	22 31	0 30	13 54	0 58	0 34	0 46	15 48	1 32	16 0	7 12	21 59	21 48	25 19	14 35	7 7
T 3	15 56	22 42	4 4	15 8	0 45	9 31	1 30	14 0	0 29	22 32	0 30	13 53	0 58	0 35	0 46	15 49	1 32	16 0	7 12	22 1	21 48	25 19	14 35	7 7
F 4	16 13	24 49	3 9	15 54	0 36	9 57	1 30	14 16	0 28	22 33	0 30	13 53	0 58	0 36	0 46	15 50	1 32	16 0	7 11	22 2	21 49	25 19	14 35	7 6
S 5	16 30	25 8	2 1	16 38	0 26	10 23	1 29	14 31	0 28	22 33	0 29	13 53	0 58	0 37	0 46	15 50	1 32	16 0	7 11	22 2	21 49	25 19	14 35	7 6
S 6	16 47	23 39	0 45	17 22	0 16	10 49	1 29	14 45	0 27	22 34	0 29	13 52	0 58	0 38	0 46	15 51	1 32	16 0	7 11	22 2	21 50	25 19	14 35	7 5
M 7	17 3	20 38	0n31	18 5	0 5	11 14	1 28	15 0	0 27	22 35	0 29	13 52	0 58	0 39	0 46	15 52	1 32	16 0	7 11	22 2	21 50	25 19	14 35	7 5
T 8	17 19	16 28	1 44	18 46	0n 5	11 40	1 27	15 14	0 26	22 36	0 29	13 51	0 58	0 40	0 46	15 52	1 32	16 0	7 11	22 2	21 51	25 19	14 35	7 4
W 9	17 35	11 33	2 50	19 26	0 16	12 5	1 27	15 29	0 25	22 36	0 29	13 51	0 58	0 41	0 46	15 53	1 32	16 0	7 11	22 2	21 51	25 19	14 35	7 4
T 10	17 51	6 13	3 44	20 5	0 27	12 30	1 26	15 43	0 25	22 37	0 29	13 50	0 58	0 42	0 46	15 53	1 32	16 0	7 11	22 2	21 51	25 19	14 35	7 3
F 11	18 6	0 44	4 25	20 42	0 38	12 54	1 25	15 57	0 24	22 38	0 29	13 50	0 58	0 43	0 46	15 54	1 32	16 0	7 11	22 3	21 52	25 19	14 34	7 3
S 12	18 21	4n40	4 52	21 18	0 49	13 18	1 24	16 11	0 23	22 39	0 28	13 49	0 58	0 44	0 46	15 55	1 32	16 0	7 10	22 3	21 52	25 19	14 34	7 2
S 13	18 35	9 47	5 5	21 51	0 59	13 42	1 23	16 24	0 23	22 39	0 28	13 49	0 58	0 45	0 46	15 55	1 32	16 0	7 10	22 4	21 53	25 19	14 34	7 2
M14	18 50	14 26	5 3	22 23	1 9	14 5	1 22	16 38	0 22	22 40	0 28	13 48	0 58	0 46	0 46	15 56	1 32	16 0	7 10	22 6	21 53	25 19	14 34	7 1
T 15	19 3	18 26	4 47	22 52	1 19	14 29	1 21	16 51	0 21	22 40	0 28	13 47	0 58	0 47	0 46	15 56	1 32	16 0	7 10	22 7	21 54	25 19	14 34	7 1
W16	19 17	21 38	4 19	23 18	1 29	14 51	1 20	17 4	0 21	22 41	0 28	13 46	0 58	0 48	0 46	15 57	1 32	16 0	7 10	22 8	21 54	25 19	14 34	7 0
T 17	19 30	23 52	3 39	23 43	1 38	15 14	1 18	17 17	0 20	22 41	0 28	13 46	0 58	0 49	0 46	15 58	1 32	16 0	7 10	22 9	21 55	25 18	14 34	7 0
F 18	19 43	25 1	2 50	24 5	1 47	15 36	1 17	17 29	0 19	22 42	0 28	13 45	0 58	0 50	0 46	15 58	1 32	15 59	7 10	22 10	21 55	25 18	14 33	6 59
S 19	19 56	25 2	1 54	24 25	1 55	15 57	1 16	17 42	0 19	22 43	0 28	13 44	0 58	0 50	0 46	15 59	1 32	15 59	7 10	22 11	21 55	25 18	14 33	6 59
S 20	20 8	23 55	0 53	24 42	2 2	16 19	1 14	17 54	0 18	22 43	0 27	13 43	0 58	0 51	0 46	15 59	1 32	15 59	7 9	22 11	21 56	25 18	14 33	6 59
M21	20 20	21 44	0s11	24 57	2 8	16 40	1 13	18 6	0 18	22 43	0 27	13 42	0 58	0 52	0 46	16 0	1 32	15 59	7 9	22 11	21 56	25 18	14 33	6 58
T 22	20 31	18 35	1 15	25 10	2 14	17 0	1 12	18 18	0 17	22 44	0 27	13 41	0 58	0 53	0 46	16 1	1 32	15 59	7 9	22 11	21 57	25 18	14 32	6 58
W23	20 42	14 37	2 17	25 20	2 19	17 20	1 10	18 30	0 16	22 44	0 27	13 40	0 58	0 54	0 46	16 1	1 32	15 59	7 9	22 11	21 57	25 18	14 32	6 57
T 24	20 53	9 58	3 13	25 29	2 23	17 39	1 8	18 41	0 16	22 45	0 27	13 39	0 58	0 55	0 46	16 2	1 32	15 58	7 9	22 11	21 58	25 18	14 32	6 57
F 25	21 3	4 48	4 2	25 35	2 26	17 58	1 7	18 53	0 15	22 45	0 27	13 38	0 58	0 55	0 46	16 2	1 32	15 58	7 9	22 10	21 58	25 17	14 31	6 57
S 26	21 13	0s44	4 40	25 40	2 28	18 17	1 5	19 4	0 14	22 45	0 27	13 37	0 58	0 56	0 46	16 3	1 32	15 58	7 9	22 11	21 58	25 17	14 31	6 56
S 27	21 23	6 24	5 4	25 42	2 30	18 35	1 3	19 15	0 14	22 46	0 27	13 36	0 58	0 57	0 46	16 3	1 32	15 58	7 9	22 11	21 59	25 17	14 31	6 56
M28	21 32	11 57	5 11	25 43	2 30	18 53	1 2	19 25	0 13	22 46	0 27	13 35	0 58	0 58	0 46	16 4	1 32	15 58	7 8	22 11	21 59	25 17	14 30	6 55
T 29	21 41	17 3	4 59	25 42	2 29	19 10	1 0	19 36	0 12	22 46	0 26	13 34	0 58	0 58	0 46	16 4	1 32	15 57	7 8	22 12	22 0	25 17	14 30	6 55
W30	21 49	21 14	4 26	25 40	2 27	19 26	0 58	19 46	0 12	22 47	0 26	13 32	0 58	0 59	0 46	16 5	1 32	15 57	7 8	22 13	22 0	25 17	14 30	6 55
T 31	21n57	24s 4	3s35	25n36	2n24	19n42	0s56	19n56	0s11	22n47	0s26	13n31	0n58	1n 0	0s46	16n 6	1s32	15n57	7n 8	22s13	22s 1	25n16	14n29	6s54

Julian Day Number = 3067099.5, Delta T = 02h34m33s
Ecliptic obliquity = 23°13'25, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'07, Lahiri = 47°29'07

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

JUNE 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 43 30	12♊27'40	18♐ 8	3♋14	4♊32	1♊27	29♊ 8	26♌27	4♈21	20♉ 0	5♍46	16°R23	18♑ 4	18♊52	22♋59	F 1
S 2	16 47 27	13°25'51	3♑20	4° 1	5°46	2°12	29°22	26°31	4°23	20° 2	5°46	16♑21	18° 1	18°59	23° 4	S 2
S 3	16 51 23	14°24'00	18°18	4°43	6°59	2°58	29°36	26°34	4°25	20° 4	5°47	16°D20	17°58	19° 6	23° 9	S 3
M 4	16 55 20	15°22'07	2♒57	5°19	8°13	3°43	29°50	26°38	4°27	20° 6	5°47	16°21	17°55	19°12	23°14	M 4
T 5	16 59 16	16°20'13	17°11	5°51	9°27	4°27	0♋ 4	26°43	4°28	20° 8	5°48	16°22	17°52	19°19	23°19	T 5
W 6	17 3 13	17°18'18	1♓ 0	6°18	10°41	5°12	0°18	26°47	4°30	20°10	5°48	16°24	17°48	19°26	23°25	W 6
T 7	17 7 10	18°16'22	14°23	6°39	11°55	5°57	0°32	26°51	4°31	20°12	5°49	16°R24	17°45	19°32	23°30	T 7
F 8	17 11 6	19°14'24	27°24	6°56	13° 9	6°42	0°46	26°55	4°33	20°14	5°50	16°24	17°42	19°39	23°35	F 8
S 9	17 15 3	20°12'25	10♈ 4	7° 7	14°23	7°27	1° 0	27° 0	4°34	20°16	5°50	16°23	17°39	19°46	23°41	S 9
S 10	17 18 59	21°10'25	22°29	7°14	15°37	8°12	1°14	27° 4	4°35	20°18	5°51	16°20	17°36	19°52	23°46	S 10
M11	17 22 56	22° 8'23	4♉40	7°R15	16°51	8°56	1°28	27° 9	4°37	20°20	5°51	16°17	17°32	19°59	23°52	M11
T 12	17 26 52	23° 6'20	16°42	7°12	18° 5	9°41	1°42	27°14	4°38	20°22	5°52	16°13	17°29	20° 6	23°57	T 12
W13	17 30 49	24° 4'17	28°37	7° 4	19°19	10°25	1°56	27°18	4°39	20°24	5°53	16° 9	17°26	20°12	24° 3	W13
T 14	17 34 45	25° 2'11	10♊27	6°52	20°32	11°10	2°10	27°23	4°41	20°26	5°54	16° 6	17°23	20°19	24° 8	T 14
F 15	17 38 42	26° 0'05	22°15	6°36	21°46	11°54	2°24	27°28	4°42	20°28	5°54	16° 3	17°20	20°26	24°14	F 15
S 16	17 42 39	26°57'57	4♋ 4	6°15	23° 0	12°39	2°38	27°33	4°43	20°30	5°55	16° 2	17°17	20°32	24°19	S 16
S 17	17 46 35	27°55'48	15°54	5°52	24°14	13°23	2°52	27°38	4°44	20°32	5°56	16°D 2	17°13	20°39	24°25	S 17
M18	17 50 32	28°53'37	27°48	5°25	25°28	14° 7	3° 6	27°43	4°45	20°34	5°57	16° 2	17°10	20°46	24°31	M18
T 19	17 54 28	29°51'25	9♌50	4°56	26°42	14°52	3°20	27°48	4°46	20°36	5°58	16° 3	17° 7	20°52	24°36	T 19
W20	17 58 25	0♋49'12	22° 2	4°25	27°56	15°36	3°34	27°54	4°47	20°38	5°59	16° 4	17° 4	20°59	24°42	W20
T 21	18 2 21	1°46'57	4♍27	3°52	29° 9	16°20	3°48	27°59	4°48	20°39	5°59	16° 6	17° 1	21° 6	24°48	T 21
F 22	18 6 18	2°44'41	17° 9	3°19	0♋23	17° 4	4° 2	28° 5	4°48	20°41	6° 0	16° 6	16°58	21°12	24°54	F 22
S 23	18 10 15	3°42'23	0♎11	2°45	1°37	17°48	4°16	28°10	4°49	20°43	6° 1	16°R 7	16°54	21°19	25° 0	S 23
S 24	18 14 11	4°40'03	13°37	2°11	2°51	18°32	4°30	28°16	4°50	20°45	6° 2	16° 7	16°51	21°26	25° 6	S 24
M25	18 18 8	5°37'42	27°27	1°39	4° 5	19°16	4°45	28°21	4°50	20°46	6° 3	16° 6	16°48	21°32	25°11	M25
T 26	18 22 4	6°35'20	11♏43	1° 7	5°19	20° 0	4°59	28°27	4°51	20°48	6° 4	16° 5	16°45	21°39	25°17	T 26
W27	18 26 1	7°32'57	26°21	0°38	6°32	20°44	5°13	28°33	4°52	20°50	6° 5	16° 4	16°42	21°46	25°23	W27
T 28	18 29 57	8°30'32	11♐17	0°11	7°46	21°27	5°27	28°39	4°52	20°52	6° 6	16° 3	16°38	21°52	25°29	T 28
F 29	18 33 54	9°28'06	26°24	29♊47	9° 0	22°11	5°41	28°44	4°53	20°53	6° 8	16° 3	16°35	21°59	25°35	F 29
S 30	18 37 50	10♋25'40	11♑34	29♊26	10♋14	22♊55	5♋55	28♌50	4♈53	20♉55	6♍ 9	16°D 3	16♑32	22♊ 6	25♋41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 5	25s 9	2s28	25n31	2n20	19n58	0s54	20n 6	0s10	22n47	0s26	13n30	0n58	1n 0	0s46	16n 6	1s32	15n57	7n 8	22s14	22s 1	25n16	14n29	6s54
S 2	22 12	24 21	1 11	25 25	2 15	20 13	0 52	20 16	0 9	22 47	0 26	13 29	0 58	1 1	0 46	16 7	1 32	15 56	7 8	22 14	22 1	25 16	14 28	6 54
S 3	22 19	21 48	0n11	25 17	2 9	20 27	0 50	20 25	0 9	22 47	0 26	13 27	0 58	1 2	0 46	16 7	1 32	15 56	7 8	22 14	22 2	25 16	14 28	6 53
M 4	22 26	17 52	1 30	25 9	2 2	20 41	0 48	20 34	0 8	22 48	0 26	13 26	0 58	1 2	0 46	16 8	1 32	15 56	7 8	22 14	22 2	25 15	14 27	6 53
T 5	22 32	12 59	2 41	24 59	1 54	20 55	0 46	20 43	0 7	22 48	0 26	13 24	0 58	1 3	0 47	16 8	1 32	15 55	7 7	22 14	22 3	25 15	14 27	6 53
W 6	22 37	7 35	3 41	24 49	1 44	21 7	0 44	20 52	0 7	22 48	0 26	13 23	0 58	1 3	0 47	16 9	1 32	15 55	7 7	22 14	22 3	25 15	14 26	6 52
T 7	22 43	1 59	4 26	24 37	1 34	21 19	0 42	21 0	0 6	22 48	0 26	13 22	0 58	1 4	0 47	16 9	1 32	15 55	7 7	22 14	22 3	25 15	14 26	6 52
F 8	22 48	3n31	4 57	24 25	1 23	21 31	0 40	21 9	0 5	22 48	0 25	13 20	0 58	1 5	0 47	16 10	1 32	15 55	7 7	22 14	22 4	25 14	14 25	6 52
S 9	22 52	8 45	5 12	24 12	1 10	21 42	0 37	21 17	0 5	22 48	0 25	13 19	0 58	1 5	0 47	16 10	1 32	15 54	7 7	22 14	22 4	25 14	14 25	6 51
S 10	22 56	13 30	5 12	23 58	0 57	21 52	0 35	21 24	0 4	22 48	0 25	13 17	0 58	1 6	0 47	16 11	1 32	15 54	7 7	22 14	22 5	25 14	14 24	6 51
M11	23 0	17 39	4 58	23 44	0 43	22 2	0 33	21 32	0 3	22 48	0 25	13 15	0 58	1 6	0 47	16 11	1 32	15 53	7 7	22 14	22 5	25 14	14 23	6 51
T 12	23 3	21 0	4 31	23 29	0 28	22 11	0 31	21 39	0 3	22 48	0 25	13 14	0 58	1 7	0 47	16 12	1 32	15 53	7 7	22 15	22 5	25 13	14 23	6 50
W13	23 6	23 27	3 52	23 14	0 12	22 20	0 28	21 47	0 2	22 48	0 25	13 12	0 58	1 7	0 47	16 12	1 32	15 53	7 7	22 15	22 6	25 13	14 22	6 50
T 14	23 8	24 51	3 4	22 58	0s 5	22 27	0 26	21 53	0 1	22 48	0 25	13 11	0 58	1 7	0 47	16 13	1 32	15 52	7 6	22 16	22 6	25 13	14 21	6 50
F 15	23 10	25 7	2 8	22 42	0 22	22 34	0 24	22 0	0 1	22 47	0 25	13 9	0 58	1 8	0 47	16 13	1 32	15 52	7 6	22 16	22 7	25 13	14 21	6 50
S 16	23 11	24 15	1 6	22 26	0 39	22 41	0 21	22 7	0n 0	22 47	0 25	13 7	0 58	1 8	0 47	16 14	1 32	15 52	7 6	22 16	22 7	25 12	14 20	6 49
S 17	23 12	22 18	0 1	22 9	0 57	22 47	0 19	22 13	0 1	22 47	0 25	13 5	0 58	1 9	0 47	16 14	1 32	15 51	7 6	22 16	22 8	25 12	14 19	6 49
M18	23 13	19 21	1s 5	21 52	1 15	22 52	0 17	22 19	0 1	22 47	0 24	13 4	0 58	1 9	0 47	16 15	1 32	15 51	7 6	22 16	22 8	25 12	14 19	6 49
T 19	23 13	15 34	2 8	21 36	1 32	22 57	0 14	22 24	0 2	22 47	0 24	13 2	0 58	1 9	0 47	16 15	1 32	15 50	7 6	22 16	22 8	25 11	14 18	6 49
W20	23 13	11 6	3 6	21 19	1 50	23 0	0 12	22 30	0 3	22 46	0 24	13 0	0 58	1 10	0 47	16 16	1 32	15 50	7 6	22 16	22 9	25 11	14 17	6 49
T 21	23 13	6 6	3 57	21 3	2 7	23 4	0 10	22 35	0 3	22 46	0 24	12 58	0 58	1 10	0 47	16 16	1 33	15 49	7 6	22 16	22 9	25 11	14 16	6 48
F 22	23 12	0 46	4 38	20 47	2 24	23 6	0 7	22 40	0 4	22 46	0 24	12 56	0 58	1 10	0 47	16 16	1 33	15 49	7 6	22 16	22 9	25 10	14 16	6 48
S 23	23 10	4s45	5 5	20 32	2 40	23 8	0 5	22 45	0 5	22 45	0 24	12 54	0 58	1 11	0 47	16 17	1 33	15 49	7 5	22 16	22 10	25 10	14 15	6 48
S 24	23 8	10 12	5 17	20 17	2 55	23 9	0 3	22 49	0 5	22 45	0 24	12 53	0 58	1 11	0 47	16 17	1 33	15 48	7 5	22 16	22 10	25 9	14 14	6 48
M25	23 6	15 19	5 11	20 3	3 10	23 10	0 0	22 54	0 6	22 45	0 24	12 51	0 58	1 11	0 47	16 18	1 33	15 48	7 5	22 16	22 11	25 9	14 13	6 48
T 26	23 4	19 45	4 46	19 50	3 23	23 9	0n 2	22 58	0 7	22 44	0 24	12 49	0 58	1 11	0 47	16 18	1 33	15 47	7 5	22 16	22 11	25 9	14 12	6 47
W27	23 1	23 5	4 2	19 38	3 35	23 8	0 5	23 2	0 8	22 44	0 24	12 47	0 58	1 11	0 47	16 19	1 33	15 47	7 5	22 16	22 11	25 8	14 11	6 47
T 28	22 57	24 55	3 1	19 27	3 46	23 7	0 7	23 5	0 8	22 43	0 24	12 45	0 58	1 12	0 47	16 19	1 33	15 46	7 5	22 16	22 12	25 8	14 10	6 47
F 29	22 53	24 57	1 47	19 17	3 56	23 5	0 9	23 9	0 9	22 43	0 24	12 43	0 58	1 12	0 47	16 19	1 33	15 46	7 5	22 16	22 12	25 8	14 10	6 47
S 30	22n49	23s 8	0s25	19n 9	4s 4	23n 2	0n12	23n12	0n10	22n42	0s23	12n41	0n58	1n12	0s47	16n20	1s33	15n45	7n 5	22s16	22s13	25n 7	14n 9	6s47

Julian Day Number = 3067130.5, Delta T = 02h34m34s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'11, Lahiri = 47°29'11

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

JULY 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 41 47	11♋23'12	26♑35	29°R 8	11♋28	23♊38	6♋ 9	28♌56	4♈53	20♉57	6♍10	16♑ 3	16♑29	22♊12	25♋47	S 1
M 2	18 45 44	12°20'43	11♒22	28♊55	12°41	24°22	6°23	29° 2	4°54	20°58	6°11	16° 3	16°26	22°19	25°53	M 2
T 3	18 49 40	13°18'13	25°46	28°45	13°55	25° 5	6°37	29° 9	4°54	21° 0	6°12	16° 3	16°23	22°26	25°59	T 3
W 4	18 53 37	14°15'43	9♓44	28°40	15° 9	25°49	6°51	29°15	4°54	21° 1	6°13	16° 3	16°19	22°32	26° 5	W 4
T 5	18 57 33	15°13'12	23°16	28°D40	16°23	26°32	7° 5	29°21	4°54	21° 3	6°15	16° 3	16°16	22°39	26°11	T 5
F 6	19 1 30	16°10'40	6♈22	28°43	17°36	27°15	7°19	29°27	4°55	21° 4	6°16	16°R 4	16°13	22°45	26°18	F 6
S 7	19 5 26	17° 8'08	19° 5	28°52	18°50	27°59	7°33	29°34	4°55	21° 6	6°17	16°D 4	16°10	22°52	26°24	S 7
S 8	19 9 23	18° 5'35	1♉29	29° 4	20° 4	28°42	7°47	29°40	4°R55	21° 7	6°18	16° 4	16° 7	22°59	26°30	S 8
M 9	19 13 19	19° 3'02	13°37	29°22	21°18	29°25	8° 1	29°46	4°55	21° 8	6°20	16° 4	16° 4	23° 5	26°36	M 9
T 10	19 17 16	20° 0'29	25°35	29°44	22°32	0♋ 8	8°15	29°53	4°55	21°10	6°21	16° 4	16° 0	23°12	26°42	T 10
W11	19 21 13	20°57'55	7♊26	0♋10	23°45	0°51	8°29	29°59	4°55	21°11	6°22	16° 5	15°57	23°19	26°48	W11
T 12	19 25 9	21°55'20	19°13	0°41	24°59	1°34	8°43	0♍ 6	4°54	21°13	6°24	16° 5	15°54	23°25	26°54	T 12
F 13	19 29 6	22°52'45	1♋ 1	1°16	26°13	2°17	8°56	0°13	4°54	21°14	6°25	16° 6	15°51	23°32	27° 0	F 13
S 14	19 33 2	23°50'10	12°52	1°55	27°27	3° 0	9°10	0°20	4°54	21°15	6°26	16°R 6	15°48	23°39	27° 7	S 14
S 15	19 36 59	24°47'34	24°49	2°39	28°41	3°43	9°24	0°26	4°54	21°16	6°28	16° 6	15°44	23°45	27°13	S 15
M16	19 40 55	25°44'57	6♌53	3°26	29°54	4°26	9°38	0°33	4°53	21°18	6°29	16° 5	15°41	23°52	27°19	M16
T 17	19 44 52	26°42'20	19° 7	4°18	1♌ 8	5° 8	9°52	0°40	4°53	21°19	6°31	16° 4	15°38	23°59	27°25	T 17
W18	19 48 49	27°39'42	1♍32	5°14	2°22	5°51	10° 5	0°47	4°52	21°20	6°32	16° 3	15°35	24° 5	27°31	W18
T 19	19 52 45	28°37'03	14°10	6°14	3°36	6°33	10°19	0°54	4°52	21°21	6°33	16° 1	15°32	24°12	27°38	T 19
F 20	19 56 42	29°34'24	27° 2	7°17	4°49	7°16	10°33	1° 1	4°51	21°22	6°35	15°59	15°29	24°19	27°44	F 20
S 21	20 0 38	0♌31'45	10♎11	8°25	6° 3	7°58	10°46	1° 8	4°51	21°23	6°36	15°58	15°25	24°25	27°50	S 21
S 22	20 4 35	1°29'04	23°37	9°36	7°17	8°41	11° 0	1°15	4°50	21°24	6°38	15°57	15°22	24°32	27°56	S 22
M23	20 8 31	2°26'23	7♏22	10°51	8°31	9°23	11°13	1°22	4°49	21°25	6°39	15°D57	15°19	24°39	28° 2	M23
T 24	20 12 28	3°23'41	21°26	12° 9	9°45	10° 5	11°27	1°29	4°49	21°26	6°41	15°58	15°16	24°45	28° 9	T 24
W25	20 16 24	4°20'59	5♐47	13°32	10°58	10°48	11°40	1°36	4°48	21°27	6°43	15°59	15°13	24°52	28°15	W25
T 26	20 20 21	5°18'17	20°24	14°58	12°12	11°30	11°54	1°43	4°47	21°28	6°44	16° 0	15°10	24°59	28°21	T 26
F 27	20 24 18	6°15'34	5♑12	16°27	13°26	12°12	12° 7	1°50	4°46	21°29	6°46	16° 1	15° 6	25° 5	28°27	F 27
S 28	20 28 14	7°12'50	20° 4	18° 0	14°40	12°54	12°21	1°58	4°45	21°30	6°47	16°R 1	15° 3	25°12	28°33	S 28
S 29	20 32 11	8°10'07	4♒54	19°36	15°53	13°36	12°34	2° 5	4°44	21°31	6°49	16° 1	15° 0	25°19	28°39	S 29
M30	20 36 7	9° 7'23	19°33	21°16	17° 7	14°18	12°47	2°12	4°43	21°32	6°51	15°59	14°57	25°25	28°46	M30
T 31	20 40 4	10♌ 4'39	3♓56	22♋59	18♌21	15♋ 0	13♋ 0	2♍20	4♈42	21♉32	6♍52	15♑56	14♑54	25♊32	28♋52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n44	19s42	0n58	19n 2	4s11	22n58	0n14	23n15	0n10	22n42	0s23	12n38	0n58	1n12	0s47	16n20	1s33	15n45	7n 5	22s16	22s13	25n 7	14n 8	6s47
M 2	22 39	15 2	2 16	18 56	4 17	22 54	0 17	23 17	0 11	22 41	0 23	12 36	0 58	1 12	0 48	16 20	1 33	15 44	7 5	22 16	22 13	25 6	14 7	6 47
T 3	22 34	9 37	3 23	18 51	4 22	22 49	0 19	23 20	0 12	22 40	0 23	12 34	0 58	1 12	0 48	16 21	1 33	15 44	7 4	22 16	22 14	25 6	14 6	6 46
W 4	22 28	3 53	4 16	18 48	4 25	22 43	0 21	23 22	0 12	22 40	0 23	12 32	0 58	1 12	0 48	16 21	1 33	15 43	7 4	22 16	22 14	25 6	14 5	6 46
T 5	22 22	1n51	4 53	18 46	4 27	22 37	0 24	23 24	0 13	22 39	0 23	12 30	0 58	1 12	0 48	16 22	1 33	15 43	7 4	22 16	22 15	25 5	14 4	6 46
F 6	22 15	7 18	5 13	18 46	4 27	22 30	0 26	23 25	0 14	22 38	0 23	12 28	0 58	1 12	0 48	16 22	1 33	15 42	7 4	22 16	22 15	25 5	14 3	6 46
S 7	22 8	12 18	5 17	18 47	4 27	22 23	0 28	23 27	0 14	22 38	0 23	12 26	0 58	1 12	0 48	16 22	1 33	15 42	7 4	22 16	22 15	25 4	14 2	6 46
S 8	22 1	16 40	5 6	18 48	4 25	22 14	0 30	23 28	0 15	22 37	0 23	12 23	0 58	1 12	0 48	16 23	1 33	15 41	7 4	22 16	22 16	25 4	14 1	6 46
M 9	21 53	20 16	4 42	18 51	4 22	22 5	0 33	23 29	0 16	22 36	0 23	12 21	0 58	1 12	0 48	16 23	1 33	15 41	7 4	22 16	22 16	25 3	14 0	6 46
T 10	21 45	22 57	4 5	18 55	4 18	21 56	0 35	23 30	0 16	22 36	0 23	12 19	0 58	1 12	0 48	16 23	1 33	15 40	7 4	22 16	22 16	25 3	13 59	6 46
W11	21 36	24 37	3 19	19 0	4 14	21 46	0 37	23 30	0 17	22 35	0 23	12 17	0 58	1 12	0 48	16 23	1 33	15 39	7 4	22 16	22 17	25 2	13 58	6 46
T 12	21 27	25 11	2 24	19 5	4 8	21 35	0 39	23 31	0 18	22 34	0 22	12 14	0 58	1 12	0 48	16 24	1 33	15 39	7 4	22 16	22 17	25 2	13 57	6 46
F 13	21 18	24 36	1 23	19 11	4 2	21 24	0 41	23 31	0 18	22 33	0 22	12 12	0 58	1 12	0 48	16 24	1 33	15 38	7 4	22 16	22 18	25 1	13 55	6 46
S 14	21 9	22 54	0 18	19 18	3 55	21 11	0 43	23 30	0 19	22 32	0 22	12 10	0 58	1 12	0 48	16 24	1 33	15 38	7 4	22 16	22 18	25 1	13 54	6 46
S 15	20 59	20 11	0s48	19 25	3 47	20 59	0 45	23 30	0 20	22 31	0 22	12 7	0 58	1 11	0 48	16 25	1 34	15 37	7 4	22 16	22 18	25 0	13 53	6 46
M16	20 48	16 34	1 53	19 33	3 38	20 46	0 47	23 29	0 20	22 30	0 22	12 5	0 58	1 11	0 48	16 25	1 34	15 37	7 4	22 16	22 19	25 0	13 52	6 46
T 17	20 38	12 13	2 53	19 41	3 29	20 32	0 49	23 29	0 21	22 30	0 22	12 3	0 58	1 11	0 48	16 25	1 34	15 36	7 4	22 16	22 19	24 59	13 51	6 46
W18	20 26	7 18	3 46	19 48	3 19	20 17	0 51	23 27	0 22	22 29	0 22	12 0	0 58	1 11	0 48	16 25	1 34	15 35	7 3	22 16	22 19	24 59	13 50	6 46
T 19	20 15	2 2	4 29	19 56	3 9	20 2	0 53	23 26	0 22	22 28	0 22	11 58	0 58	1 11	0 48	16 26	1 34	15 35	7 3	22 16	22 20	24 58	13 49	6 46
F 20	20 3	3s25	4 59	20 4	2 58	19 47	0 55	23 25	0 23	22 27	0 22	11 55	0 58	1 10	0 48	16 26	1 34	15 34	7 3	22 17	22 20	24 58	13 47	6 46
S 21	19 51	8 50	5 15	20 11	2 47	19 31	0 57	23 23	0 24	22 26	0 22	11 53	0 58	1 10	0 48	16 26	1 34	15 34	7 3	22 17	22 20	24 57	13 46	6 46
S 22	19 39	13 57	5 14	20 18	2 35	19 14	0 59	23 21	0 24	22 25	0 22	11 50	0 58	1 10	0 48	16 26	1 34	15 33	7 3	22 17	22 21	24 57	13 45	6 46
M23	19 26	18 29	4 55	20 24	2 23	18 57	1 1	23 19	0 25	22 24	0 22	11 48	0 58	1 10	0 48	16 27	1 34	15 32	7 3	22 17	22 21	24 56	13 44	6 46
T 24	19 13	22 6	4 18	20 30	2 11	18 39	1 2	23 16	0 26	22 23	0 22	11 45	0 58	1 9	0 48	16 27	1 34	15 32	7 3	22 17	22 22	24 56	13 43	6 46
W25	19 0	24 26	3 24	20 34	1 59	18 21	1 4	23 14	0 26	22 21	0 22	11 43	0 58	1 9	0 48	16 27	1 34	15 31	7 3	22 17	22 22	24 55	13 41	6 46
T 26	18 46	25 9	2 17	20 38	1 46	18 2	1 6	23 11	0 27	22 20	0 22	11 40	0 58	1 9	0 48	16 27	1 34	15 31	7 3	22 16	22 22	24 54	13 40	6 46
F 27	18 32	24 7	0 59	20 40	1 34	17 43	1 7	23 8	0 28	22 19	0 21	11 38	0 58	1 8	0 48	16 27	1 34	15 30	7 3	22 16	22 23	24 54	13 39	6 46
S 28	18 18	21 22	0n22	20 41	1 21	17 23	1 9	23 4	0 28	22 18	0 21	11 35	0 58	1 8	0 48	16 27	1 34	15 29	7 3	22 16	22 23	24 53	13 38	6 46
S 29	18 4	17 13	1 42	20 41	1 8	17 3	1 10	23 1	0 29	22 17	0 21	11 33	0 58	1 7	0 49	16 28	1 34	15 29	7 3	22 16	22 23	24 53	13 36	6 46
M30	17 49	12 3	2 54	20 39	0 55	16 42	1 12	22 57	0 30	22 16	0 21	11 30	0 58	1 7	0 49	16 28	1 34	15 28	7 3	22 17	22 24	24 52	13 35	6 47
T 31	17n34	6s20	3n54	20n35	0s42	16n21	1n13	22n53	0n30	22n15	0s21	11n28	0n58	1n 7	0s49	16n28	1s34	15n27	7n 3	22s17	22s24	24n51	13n34	6s47

Julian Day Number = 3067160.5, Delta T = 02h34m35s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'15, Lahiri = 47°29'15

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

AUGUST 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 44 0	11♌ 1'55	17♓57	24♋45	19♌35	15♋42	13♋14	2♍27	4°R41	21♉33	6♍54	15°R52	14♏50	25♊39	28♋58	W 1
T 2	20 47 57	11°59'11	1♈33	26°35	20°48	16°24	13°27	2°34	4♈40	21°34	6°55	15♏49	14°47	25°45	29° 4	T 2
F 3	20 51 53	12°56'27	14°43	28°27	22° 2	17° 5	13°40	2°42	4°39	21°35	6°57	15°46	14°44	25°52	29°10	F 3
S 4	20 55 50	13°53'44	27°30	0♌22	23°16	17°47	13°53	2°49	4°38	21°35	6°59	15°43	14°41	25°58	29°16	S 4
S 5	20 59 47	14°51'01	9♉56	2°20	24°30	18°29	14° 6	2°57	4°37	21°36	7° 0	15°D42	14°38	26° 5	29°22	S 5
M 6	21 3 43	15°48'18	22° 5	4°20	25°43	19°10	14°19	3° 4	4°35	21°36	7° 2	15°42	14°35	26°12	29°28	M 6
T 7	21 7 40	16°45'36	4♊ 2	6°22	26°57	19°52	14°32	3°12	4°34	21°37	7° 4	15°43	14°31	26°18	29°34	T 7
W 8	21 11 36	17°42'54	15°52	8°26	28°11	20°33	14°45	3°19	4°33	21°37	7° 6	15°45	14°28	26°25	29°40	W 8
T 9	21 15 33	18°40'13	27°40	10°31	29°25	21°14	14°57	3°27	4°31	21°38	7° 7	15°47	14°25	26°32	29°46	T 9
F 10	21 19 29	19°37'32	9♋30	12°38	0♍38	21°56	15°10	3°34	4°30	21°38	7° 9	15°48	14°22	26°38	29°52	F 10
S 11	21 23 26	20°34'52	21°26	14°46	1°52	22°37	15°23	3°42	4°28	21°39	7°11	15°R48	14°19	26°45	29°58	S 11
S 12	21 27 22	21°32'12	3♌31	16°54	3° 6	23°18	15°35	3°49	4°27	21°39	7°12	15°46	14°16	26°52	0♌ 4	S 12
M13	21 31 19	22°29'32	15°47	19° 3	4°20	23°59	15°48	3°57	4°25	21°40	7°14	15°43	14°12	26°58	0°10	M13
T 14	21 35 16	23°26'52	28°17	21°11	5°33	24°41	16° 1	4° 5	4°23	21°40	7°16	15°38	14° 9	27° 5	0°16	T 14
W15	21 39 12	24°24'13	11♍ 1	23°20	6°47	25°22	16°13	4°12	4°22	21°40	7°18	15°32	14° 6	27°12	0°22	W15
T 16	21 43 9	25°21'34	23°59	25°28	8° 1	26° 3	16°25	4°20	4°20	21°40	7°19	15°26	14° 3	27°18	0°28	T 16
F 17	21 47 5	26°18'56	7♎10	27°35	9°15	26°44	16°38	4°28	4°18	21°41	7°21	15°19	14° 0	27°25	0°34	F 17
S 18	21 51 2	27°16'17	20°34	29°41	10°28	27°24	16°50	4°35	4°17	21°41	7°23	15°13	13°56	27°32	0°39	S 18
S 19	21 54 58	28°13'39	4♏11	1♍46	11°42	28° 5	17° 2	4°43	4°15	21°41	7°25	15° 9	13°53	27°38	0°45	S 19
M20	21 58 55	29°11'02	17°59	3°50	12°56	28°46	17°14	4°51	4°13	21°41	7°27	15° 7	13°50	27°45	0°51	M20
T 21	22 2 51	0♍ 8'24	1♐58	5°53	14° 9	29°27	17°26	4°58	4°11	21°41	7°28	15°D 6	13°47	27°52	0°57	T 21
W22	22 6 48	1° 5'47	16° 7	7°54	15°23	0♌ 7	17°38	5° 6	4° 9	21°41	7°30	15° 7	13°44	27°58	1° 2	W22
T 23	22 10 45	2° 3'10	0♑25	9°54	16°37	0°48	17°50	5°14	4° 8	21°R41	7°32	15° 8	13°41	28° 5	1° 8	T 23
F 24	22 14 41	3° 0'34	14°50	11°52	17°51	1°28	18° 2	5°22	4° 6	21°41	7°34	15°R 9	13°37	28°11	1°14	F 24
S 25	22 18 38	3°57'58	29°18	13°49	19° 4	2° 9	18°13	5°29	4° 4	21°41	7°36	15° 8	13°34	28°18	1°19	S 25
S 26	22 22 34	4°55'22	13♒45	15°44	20°18	2°49	18°25	5°37	4° 2	21°41	7°37	15° 5	13°31	28°25	1°25	S 26
M27	22 26 31	5°52'47	28° 6	17°37	21°32	3°30	18°37	5°45	4° 0	21°41	7°39	15° 0	13°28	28°31	1°30	M27
T 28	22 30 27	6°50'13	12♓14	19°29	22°45	4°10	18°48	5°52	3°58	21°41	7°41	14°53	13°25	28°38	1°36	T 28
W29	22 34 24	7°47'39	26° 6	21°19	23°59	4°50	18°59	6° 0	3°56	21°41	7°43	14°45	13°22	28°45	1°41	W29
T 30	22 38 20	8°45'07	9♈37	23° 7	25°12	5°30	19°11	6° 8	3°54	21°41	7°45	14°36	13°18	28°51	1°47	T 30
F 31	22 42 17	9♍42'35	22♈46	24♍54	26♍26	6♌10	19♋22	6♍16	3♈51	21♉40	7♍46	14♏28	13♏15	28♊58	1♌52	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n18	0s27	4n38	20n30	0s30	16n 0	1n14	22n49	0n31	22n13	0s21	11n25	0n58	1n 6	0s49	16n28	1s34	15n27	7n 3	22s17	22s24	24n51	13n32	6s47
T 2	17 3	5n16	5 4	20 22	0 18	15 38	1 16	22 45	0 32	22 12	0 21	11 23	0 58	1 6	0 49	16 28	1 34	15 26	7 3	22 18	22 25	24 50	13 31	6 47
F 3	16 47	10 35	5 14	20 12	0 6	15 15	1 17	22 41	0 32	22 11	0 21	11 20	0 59	1 5	0 49	16 28	1 35	15 26	7 3	22 18	22 25	24 50	13 30	6 47
S 4	16 30	15 16	5 8	19 59	0n 6	14 52	1 18	22 36	0 33	22 10	0 21	11 17	0 59	1 5	0 49	16 28	1 35	15 25	7 3	22 18	22 25	24 49	13 28	6 47
S 5	16 14	19 12	4 47	19 45	0 17	14 29	1 19	22 31	0 34	22 8	0 21	11 15	0 59	1 4	0 49	16 29	1 35	15 24	7 3	22 19	22 26	24 48	13 27	6 47
M 6	15 57	22 12	4 13	19 28	0 28	14 6	1 20	22 26	0 34	22 7	0 21	11 12	0 59	1 4	0 49	16 29	1 35	15 24	7 3	22 19	22 26	24 48	13 26	6 48
T 7	15 40	24 11	3 29	19 8	0 39	13 42	1 21	22 21	0 35	22 6	0 21	11 9	0 59	1 3	0 49	16 29	1 35	15 23	7 3	22 18	22 26	24 47	13 24	6 48
W 8	15 23	25 5	2 37	18 46	0 48	13 17	1 22	22 15	0 36	22 4	0 21	11 7	0 59	1 2	0 49	16 29	1 35	15 22	7 3	22 18	22 27	24 46	13 23	6 48
T 9	15 6	24 50	1 38	18 22	0 57	12 52	1 23	22 10	0 36	22 3	0 21	11 4	0 59	1 2	0 49	16 29	1 35	15 22	7 3	22 18	22 27	24 46	13 21	6 48
F 10	14 48	23 28	0 34	17 55	1 5	12 27	1 24	22 4	0 37	22 2	0 21	11 1	0 59	1 1	0 49	16 29	1 35	15 21	7 3	22 18	22 27	24 45	13 20	6 48
S 11	14 30	21 2	0s31	17 25	1 13	12 2	1 25	21 58	0 37	22 0	0 20	10 59	0 59	1 1	0 49	16 29	1 35	15 20	7 3	22 18	22 28	24 44	13 19	6 48
S 12	14 12	17 39	1 35	16 54	1 20	11 36	1 25	21 51	0 38	21 59	0 20	10 56	0 59	1 0	0 49	16 29	1 35	15 20	7 3	22 18	22 28	24 44	13 17	6 49
M13	13 53	13 28	2 36	16 20	1 26	11 10	1 26	21 45	0 39	21 58	0 20	10 53	0 59	0 59	0 49	16 29	1 35	15 19	7 3	22 18	22 28	24 43	13 16	6 49
T 14	13 35	8 40	3 31	15 45	1 31	10 44	1 27	21 39	0 39	21 56	0 20	10 51	0 59	0 59	0 49	16 29	1 35	15 19	7 3	22 19	22 29	24 42	13 14	6 49
W15	13 16	3 25	4 16	15 7	1 35	10 17	1 27	21 32	0 40	21 55	0 20	10 48	0 59	0 58	0 49	16 29	1 35	15 18	7 3	22 20	22 29	24 42	13 13	6 49
T 16	12 57	2s 3	4 48	14 28	1 39	9 51	1 27	21 25	0 41	21 53	0 20	10 45	0 59	0 57	0 49	16 29	1 35	15 17	7 3	22 20	22 29	24 41	13 12	6 50
F 17	12 38	7 31	5 6	13 48	1 42	9 23	1 28	21 18	0 41	21 52	0 20	10 42	0 59	0 57	0 49	16 29	1 35	15 17	7 3	22 21	22 30	24 40	13 10	6 50
S 18	12 19	12 43	5 8	13 6	1 44	8 56	1 28	21 11	0 42	21 51	0 20	10 40	0 59	0 56	0 49	16 29	1 35	15 16	7 3	22 22	22 30	24 39	13 9	6 50
S 19	11 59	17 23	4 53	12 23	1 45	8 29	1 28	21 3	0 43	21 49	0 20	10 37	0 59	0 55	0 49	16 29	1 35	15 15	7 3	22 22	22 30	24 39	13 7	6 50
M20	11 39	21 12	4 20	11 39	1 45	8 1	1 28	20 56	0 43	21 48	0 20	10 34	0 59	0 55	0 49	16 29	1 35	15 15	7 3	22 23	22 31	24 38	13 6	6 51
T 21	11 19	23 50	3 32	10 54	1 45	7 33	1 29	20 48	0 44	21 46	0 20	10 32	1 0	0 54	0 49	16 29	1 35	15 14	7 3	22 23	22 31	24 37	13 4	6 51
W22	10 59	25 0	2 30	10 9	1 44	7 4	1 29	20 40	0 44	21 45	0 20	10 29	1 0	0 53	0 49	16 29	1 36	15 14	7 3	22 22	22 31	24 37	13 3	6 51
T 23	10 39	24 32	1 19	9 23	1 43	6 36	1 29	20 32	0 45	21 43	0 20	10 26	1 0	0 52	0 49	16 29	1 36	15 13	7 3	22 22	22 32	24 36	13 1	6 52
F 24	10 19	22 26	0 2	8 36	1 40	6 7	1 28	20 24	0 46	21 42	0 20	10 23	1 0	0 52	0 49	16 29	1 36	15 12	7 3	22 22	22 32	24 35	13 0	6 52
S 25	9 58	18 53	1n16	7 49	1 38	5 39	1 28	20 15	0 46	21 40	0 20	10 21	1 0	0 51	0 49	16 29	1 36	15 12	7 4	22 22	22 32	24 34	12 59	6 52
S 26	9 37	14 11	2 28	7 2	1 34	5 10	1 28	20 7	0 47	21 39	0 20	10 18	1 0	0 50	0 49	16 29	1 36	15 11	7 4	22 23	22 33	24 33	12 57	6 52
M27	9 16	8 44	3 30	6 15	1 30	4 41	1 28	19 58	0 48	21 37	0 20	10 15	1 0	0 49	0 49	16 29	1 36	15 10	7 4	22 23	22 33	24 33	12 56	6 53
T 28	8 55	2 55	4 18	5 27	1 26	4 11	1 27	19 49	0 48	21 36	0 20	10 12	1 0	0 48	0 49	16 29	1 36	15 10	7 4	22 24	22 33	24 32	12 54	6 53
W29	8 34	2n55	4 50	4 40	1 21	3 42	1 27	19 40	0 49	21 34	0 19	10 10	1 0	0 48	0 49	16 29	1 36	15 9	7 4	22 25	22 34	24 31	12 53	6 53
T 30	8 13	8 27	5 5	3 52	1 16	3 13	1 26	19 31	0 49	21 33	0 19	10 7	1 0	0 47	0 49	16 28	1 36	15 9	7 4	22 26	22 34	24 30	12 51	6 54
F 31	7n52	13n28	5n 3	3n 5	1n11	2n43	1n26	19n22	0n50	21n31	0s19	10n 4	1n 0	0n46	0s49	16n28	1s36	15n 8	7n 4	22s27	22s34	24n30	12n50	6s54

Julian Day Number = 3067191.5, Delta T = 02h34m36s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'19, Lahiri = 47°29'20

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

SEPTEMBER 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 46 14	10♍40'05	5♉32	26♍39	27♍40	6♌51	19♋33	6♍23	3°R49	21°R40	7♍48	14°R21	13♐12	29♊ 5	1♌57	S 1
S 2	22 50 10	11°37'35	17°59	28°23	28°53	7°31	19°44	6°31	3♈47	21♉40	7°50	14♐16	13° 9	29°11	2° 3	S 2
M 3	22 54 7	12°35'07	0♊ 8	0♎ 5	0♎ 7	8°10	19°55	6°39	3°45	21°39	7°52	14°13	13° 6	29°18	2° 8	M 3
T 4	22 58 3	13°32'40	12° 6	1°46	1°21	8°50	20° 6	6°46	3°43	21°39	7°54	14°D12	13° 2	29°25	2°13	T 4
W 5	23 2 0	14°30'14	23°56	3°25	2°34	9°30	20°17	6°54	3°41	21°39	7°55	14°13	12°59	29°31	2°18	W 5
T 6	23 5 56	15°27'50	5♋44	5° 2	3°48	10°10	20°27	7° 2	3°38	21°38	7°57	14°13	12°56	29°38	2°23	T 6
F 7	23 9 53	16°25'27	17°36	6°38	5° 1	10°50	20°38	7° 9	3°36	21°38	7°59	14°R14	12°53	29°45	2°29	F 7
S 8	23 13 49	17°23'05	29°37	8°12	6°15	11°29	20°48	7°17	3°34	21°37	8° 1	14°12	12°50	29°51	2°34	S 8
S 9	23 17 46	18°20'44	11♌49	9°45	7°29	12° 9	20°59	7°25	3°32	21°37	8° 2	14° 9	12°47	29°58	2°39	S 9
M10	23 21 43	19°18'24	24°17	11°16	8°42	12°49	21° 9	7°32	3°29	21°36	8° 4	14° 3	12°43	0♋ 5	2°43	M10
T 11	23 25 39	20°16'06	7♍ 3	12°46	9°56	13°28	21°19	7°40	3°27	21°36	8° 6	13°55	12°40	0°11	2°48	T 11
W12	23 29 36	21°13'49	20° 7	14°14	11° 9	14° 8	21°29	7°48	3°25	21°35	8° 8	13°45	12°37	0°18	2°53	W12
T 13	23 33 32	22°11'33	3♎28	15°41	12°23	14°47	21°39	7°55	3°22	21°34	8°10	13°33	12°34	0°24	2°58	T 13
F 14	23 37 29	23° 9'19	17° 4	17° 6	13°36	15°26	21°49	8° 3	3°20	21°34	8°11	13°22	12°31	0°31	3° 3	F 14
S 15	23 41 25	24° 7'05	0♏51	18°29	14°50	16° 5	21°59	8°10	3°18	21°33	8°13	13°13	12°28	0°38	3° 7	S 15
S 16	23 45 22	25° 4'53	14°48	19°51	16° 3	16°45	22° 9	8°18	3°15	21°32	8°15	13° 5	12°24	0°44	3°12	S 16
M17	23 49 18	26° 2'41	28°50	21°11	17°17	17°24	22°18	8°25	3°13	21°32	8°17	13° 0	12°21	0°51	3°17	M17
T 18	23 53 15	27° 0'31	12♐55	22°29	18°30	18° 3	22°27	8°33	3°11	21°31	8°18	12°58	12°18	0°58	3°21	T 18
W19	23 57 11	27°58'22	27° 2	23°46	19°44	18°42	22°37	8°40	3° 8	21°30	8°20	12°D57	12°15	1° 4	3°26	W19
T 20	0 1 8	28°56'14	11♑ 9	25° 0	20°57	19°21	22°46	8°48	3° 6	21°29	8°22	12°R57	12°12	1°11	3°30	T 20
F 21	0 5 5	29°54'07	25°17	26°13	22°11	20° 0	22°55	8°55	3° 3	21°28	8°23	12°57	12° 8	1°18	3°34	F 21
S 22	0 9 1	0♎52'01	9♒22	27°24	23°24	20°39	23° 4	9° 2	3° 1	21°27	8°25	12°55	12° 5	1°24	3°39	S 22
S 23	0 12 58	1°49'56	23°24	28°33	24°38	21°17	23°13	9°10	2°59	21°26	8°27	12°50	12° 2	1°31	3°43	S 23
M24	0 16 54	2°47'52	7♓19	29°40	25°51	21°56	23°21	9°17	2°56	21°25	8°28	12°42	11°59	1°38	3°47	M24
T 25	0 20 51	3°45'50	21° 5	0♏44	27° 5	22°35	23°30	9°24	2°54	21°25	8°30	12°32	11°56	1°44	3°51	T 25
W26	0 24 47	4°43'49	4♈37	1°46	28°18	23°13	23°38	9°32	2°51	21°24	8°32	12°21	11°53	1°51	3°55	W26
T 27	0 28 44	5°41'49	17°54	2°46	29°31	23°52	23°46	9°39	2°49	21°22	8°33	12° 8	11°49	1°57	3°59	T 27
F 28	0 32 40	6°39'51	0♉52	3°43	0♏45	24°30	23°55	9°46	2°47	21°21	8°35	11°56	11°46	2° 4	4° 3	F 28
S 29	0 36 37	7°37'55	13°32	4°37	1°58	25° 9	24° 3	9°53	2°44	21°20	8°37	11°46	11°43	2°11	4° 7	S 29
S 30	0 40 34	8♎36'01	25♉55	5♏28	3♏11	25♌47	24♋10	10♍ 0	2♈42	21♉19	8♍38	11♐38	11♐40	2♋17	4♌11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n30	17n44	4n46	2n18	1n 5	2n14	1n25	19n13	0n51	21n30	0s19	10n 1	1n 0	0n45	0s49	16n28	1s36	15n 7	7n 4	22s28	22s35	24n29	12n48	6s55
S 2	7 8	21 7	4 15	1 32	0 58	1 44	1 24	19 3	0 51	21 28	0 19	9 59	1 0	0 44	0 49	16 28	1 36	15 7	7 4	22 28	22 35	24 28	12 47	6 55
M 3	6 47	23 29	3 34	0 45	0 51	1 14	1 24	18 54	0 52	21 27	0 19	9 56	1 0	0 43	0 49	16 28	1 36	15 6	7 4	22 28	22 35	24 27	12 45	6 55
T 4	6 25	24 44	2 43	0s 1	0 44	0 44	1 23	18 44	0 52	21 25	0 19	9 53	1 1	0 42	0 49	16 28	1 36	15 6	7 4	22 28	22 35	24 26	12 44	6 56
W 5	6 3	24 52	1 47	0 46	0 37	0 15	1 22	18 34	0 53	21 24	0 19	9 50	1 1	0 42	0 49	16 28	1 36	15 5	7 4	22 28	22 36	24 25	12 42	6 56
T 6	5 41	23 51	0 45	1 32	0 30	0s15	1 21	18 24	0 54	21 22	0 19	9 48	1 1	0 41	0 49	16 27	1 36	15 4	7 4	22 28	22 36	24 25	12 41	6 56
F 7	5 19	21 47	0s18	2 16	0 22	0 45	1 20	18 14	0 54	21 21	0 19	9 45	1 1	0 40	0 49	16 27	1 36	15 4	7 5	22 28	22 36	24 24	12 39	6 57
S 8	4 56	18 43	1 21	3 1	0 14	1 15	1 19	18 4	0 55	21 19	0 19	9 42	1 1	0 39	0 49	16 27	1 36	15 3	7 5	22 28	22 37	24 23	12 38	6 57
S 9	4 34	14 49	2 22	3 44	0 6	1 45	1 18	17 53	0 55	21 18	0 19	9 39	1 1	0 38	0 49	16 27	1 37	15 3	7 5	22 29	22 37	24 22	12 36	6 58
M10	4 12	10 13	3 17	4 28	0s 3	2 15	1 16	17 43	0 56	21 16	0 19	9 37	1 1	0 37	0 49	16 27	1 37	15 2	7 5	22 29	22 37	24 21	12 35	6 58
T 11	3 49	5 5	4 3	5 10	0 11	2 45	1 15	17 32	0 57	21 15	0 19	9 34	1 1	0 36	0 49	16 27	1 37	15 2	7 5	22 30	22 38	24 20	12 33	6 59
W12	3 27	0s23	4 37	5 52	0 20	3 15	1 14	17 21	0 57	21 13	0 19	9 31	1 1	0 35	0 50	16 26	1 37	15 1	7 5	22 31	22 38	24 19	12 32	6 59
T 13	3 4	5 55	4 58	6 33	0 29	3 44	1 12	17 11	0 58	21 12	0 19	9 28	1 1	0 34	0 50	16 26	1 37	15 0	7 5	22 32	22 38	24 19	12 30	7 0
F 14	2 42	11 17	5 2	7 14	0 37	4 14	1 11	17 0	0 58	21 10	0 19	9 26	1 2	0 33	0 50	16 26	1 37	15 0	7 5	22 33	22 38	24 18	12 29	7 0
S 15	2 19	16 10	4 48	7 54	0 46	4 44	1 9	16 49	0 59	21 9	0 19	9 23	1 2	0 32	0 50	16 26	1 37	14 59	7 5	22 34	22 39	24 17	12 27	7 0
S 16	1 56	20 14	4 18	8 33	0 56	5 13	1 8	16 37	1 0	21 7	0 18	9 20	1 2	0 31	0 50	16 25	1 37	14 59	7 6	22 35	22 39	24 16	12 26	7 1
M17	1 34	23 9	3 31	9 11	1 5	5 43	1 6	16 26	1 0	21 6	0 18	9 18	1 2	0 31	0 50	16 25	1 37	14 58	7 6	22 36	22 39	24 15	12 24	7 1
T 18	1 11	24 40	2 32	9 49	1 14	6 12	1 4	16 15	1 1	21 4	0 18	9 15	1 2	0 30	0 50	16 25	1 37	14 58	7 6	22 36	22 40	24 14	12 23	7 2
W19	0 48	24 35	1 23	10 26	1 23	6 41	1 2	16 4	1 1	21 3	0 18	9 12	1 2	0 29	0 50	16 25	1 37	14 57	7 6	22 36	22 40	24 13	12 21	7 2
T 20	0 25	22 55	0 10	11 2	1 32	7 10	1 0	15 52	1 2	21 1	0 18	9 10	1 2	0 28	0 50	16 24	1 37	14 57	7 6	22 36	22 40	24 12	12 20	7 3
F 21	0 2	19 50	1n 5	11 37	1 41	7 39	0 59	15 40	1 3	21 0	0 18	9 7	1 2	0 27	0 50	16 24	1 37	14 56	7 6	22 36	22 40	24 11	12 18	7 3
S 22	0s21	15 35	2 15	12 11	1 51	8 8	0 57	15 29	1 3	20 58	0 18	9 4	1 2	0 26	0 50	16 24	1 37	14 56	7 6	22 36	22 41	24 10	12 17	7 4
S 23	0 43	10 30	3 17	12 44	2 0	8 37	0 55	15 17	1 4	20 57	0 18	9 2	1 2	0 25	0 50	16 24	1 37	14 55	7 6	22 37	22 41	24 9	12 16	7 4
M24	1 6	4 56	4 6	13 16	2 9	9 5	0 52	15 5	1 4	20 56	0 18	8 59	1 3	0 24	0 50	16 23	1 37	14 55	7 7	22 37	22 41	24 8	12 14	7 5
T 25	1 29	0n48	4 40	13 47	2 18	9 33	0 50	14 53	1 5	20 54	0 18	8 57	1 3	0 23	0 50	16 23	1 37	14 54	7 7	22 38	22 42	24 7	12 13	7 5
W26	1 52	6 23	4 58	14 17	2 27	10 1	0 48	14 41	1 6	20 53	0 18	8 54	1 3	0 22	0 50	16 23	1 37	14 54	7 7	22 39	22 42	24 7	12 11	7 6
T 27	2 15	11 34	4 59	14 45	2 35	10 29	0 46	14 29	1 6	20 52	0 18	8 51	1 3	0 21	0 50	16 22	1 37	14 53	7 7	22 41	22 42	24 6	12 10	7 7
F 28	2 37	16 7	4 45	15 13	2 44	10 57	0 44	14 17	1 7	20 50	0 18	8 49	1 3	0 20	0 50	16 22	1 37	14 53	7 7	22 42	22 42	24 5	12 8	7 7
S 29	3 0	19 50	4 16	15 39	2 52	11 24	0 41	14 5	1 7	20 49	0 18	8 46	1 3	0 19	0 50	16 22	1 37	14 52	7 7	22 42	22 43	24 4	12 7	7 8
S 30	3s23	22n34	3n36	16s 4	3s 0	11s51	0n39	13n53	1n 8	20n48	0s18	8n44	1n 3	0n18	0s50	16n21	1s37	14n52	7n 8	22s43	22s43	24n 3	12n 6	7s 8

Julian Day Number = 3067222.5, Delta T = 02h34m36s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'24, Lahiri = 47°29'24

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

OCTOBER 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 44 30	9♎34'08	8♊ 2	6♏16	4♏25	26♌25	24♋18	10♍ 7	2°R39	21°R18	8♍40	11°R32	11♑37	2♋24	4♌14	M 1
T 2	0 48 27	10°32'18	19°59	7° 1	5°38	27° 3	24°26	10°15	2♈37	21♉17	8°41	11♑29	11°33	2°31	4°18	T 2
W 3	0 52 23	11°30'29	1♋48	7°42	6°51	27°42	24°33	10°22	2°35	21°16	8°43	11°28	11°30	2°37	4°22	W 3
T 4	0 56 20	12°28'42	13°37	8°19	8° 4	28°20	24°41	10°29	2°32	21°15	8°45	11°28	11°27	2°44	4°25	T 4
F 5	1 0 16	13°26'57	25°29	8°52	9°18	28°58	24°48	10°35	2°30	21°13	8°46	11°28	11°24	2°51	4°28	F 5
S 6	1 4 13	14°25'13	7♌31	9°21	10°31	29°36	24°55	10°42	2°28	21°12	8°48	11°26	11°21	2°57	4°32	S 6
S 7	1 8 9	15°23'32	19°47	9°45	11°44	0♍14	25° 2	10°49	2°25	21°11	8°49	11°23	11°18	3° 4	4°35	S 7
M 8	1 12 6	16°21'53	2♍22	10° 3	12°57	0°51	25° 8	10°56	2°23	21°10	8°51	11°17	11°14	3°11	4°38	M 8
T 9	1 16 2	17°20'15	15°19	10°17	14°11	1°29	25°15	11° 3	2°21	21° 8	8°52	11° 8	11°11	3°17	4°41	T 9
W10	1 19 59	18°18'40	28°38	10°24	15°24	2° 7	25°21	11° 9	2°19	21° 7	8°54	10°57	11° 8	3°24	4°45	W10
T 11	1 23 56	19°17'06	12♎19	10°R26	16°37	2°45	25°28	11°16	2°16	21° 6	8°55	10°45	11° 5	3°31	4°48	T 11
F 12	1 27 52	20°15'34	26°19	10°21	17°50	3°22	25°34	11°23	2°14	21° 4	8°57	10°33	11° 2	3°37	4°50	F 12
S 13	1 31 49	21°14'04	10♏33	10°10	19° 3	4° 0	25°40	11°29	2°12	21° 3	8°58	10°22	10°59	3°44	4°53	S 13
S 14	1 35 45	22°12'36	24°55	9°52	20°17	4°37	25°45	11°36	2°10	21° 1	8°59	10°14	10°55	3°50	4°56	S 14
M15	1 39 42	23°11'09	9♐20	9°26	21°30	5°15	25°51	11°42	2° 7	21° 0	9° 1	10° 8	10°52	3°57	4°59	M15
T 16	1 43 38	24° 9'44	23°42	8°54	22°43	5°52	25°56	11°49	2° 5	20°58	9° 2	10° 5	10°49	4° 4	5° 1	T 16
W17	1 47 35	25° 8'21	7♑59	8°15	23°56	6°29	26° 2	11°55	2° 3	20°57	9° 3	10°D 5	10°46	4°10	5° 4	W17
T 18	1 51 31	26° 6'59	22° 7	7°29	25° 9	7° 6	26° 7	12° 1	2° 1	20°56	9° 5	10°R 5	10°43	4°17	5° 6	T 18
F 19	1 55 28	27° 5'38	6♒ 8	6°37	26°22	7°43	26°12	12° 8	1°59	20°54	9° 6	10° 5	10°39	4°24	5° 9	F 19
S 20	1 59 25	28° 4'19	19°59	5°39	27°35	8°20	26°16	12°14	1°57	20°53	9° 7	10° 3	10°36	4°30	5°11	S 20
S 21	2 3 21	29° 3'02	3♓40	4°37	28°48	8°57	26°21	12°20	1°55	20°51	9° 9	9°59	10°33	4°37	5°13	S 21
M22	2 7 18	0♏ 1'46	17°12	3°32	0♐ 1	9°34	26°25	12°26	1°53	20°50	9°10	9°52	10°30	4°44	5°15	M22
T 23	2 11 14	1° 0'32	0♈33	2°25	1°14	10°11	26°30	12°32	1°51	20°48	9°11	9°43	10°27	4°50	5°17	T 23
W24	2 15 11	1°59'19	13°42	1°18	2°27	10°48	26°34	12°38	1°49	20°46	9°12	9°31	10°24	4°57	5°19	W24
T 25	2 19 7	2°58'09	26°39	0°13	3°40	11°24	26°38	12°44	1°47	20°45	9°14	9°20	10°20	5° 4	5°21	T 25
F 26	2 23 4	3°57'00	9♉21	29♎11	4°53	12° 1	26°41	12°50	1°45	20°43	9°15	9° 8	10°17	5°10	5°23	F 26
S 27	2 27 0	4°55'53	21°49	28°14	6° 6	12°38	26°45	12°55	1°43	20°42	9°16	8°59	10°14	5°17	5°25	S 27
S 28	2 30 57	5°54'49	4♊ 3	27°24	7°19	13°14	26°48	13° 1	1°41	20°40	9°17	8°51	10°11	5°23	5°26	S 28
M29	2 34 54	6°53'46	16° 5	26°42	8°31	13°50	26°51	13° 7	1°39	20°38	9°18	8°46	10° 8	5°30	5°28	M29
T 30	2 38 50	7°52'46	27°59	26° 9	9°44	14°27	26°54	13°12	1°37	20°37	9°19	8°43	10° 5	5°37	5°29	T 30
W31	2 42 47	8♏51'48	9♋47	25♎45	10♐57	15♍ 3	26♋57	13♍18	1♈36	20♉35	9♍20	8°D43	10♑ 1	5♋43	5♌30	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s45	24n12	2n47	16s27	3s 8	12s18	0n37	13n40	1n 8	20n46	0s18	8n41	1n 3	0n17	0s50	16n21	1s38	14n51	7n 8	22s44	22s43	24n 2	12n 4	7s 9
T 2	4 8	24 42	1 51	16 49	3 16	12 45	0 34	13 28	1 9	20 45	0 18	8 39	1 4	0 16	0 49	16 21	1 38	14 51	7 8	22 44	22 44	24 1	12 3	7 9
W 3	4 31	24 4	0 51	17 9	3 23	13 11	0 32	13 15	1 10	20 44	0 18	8 36	1 4	0 16	0 49	16 20	1 38	14 50	7 8	22 44	22 44	24 0	12 1	7 10
T 4	4 53	22 21	0s11	17 27	3 29	13 37	0 29	13 3	1 10	20 42	0 18	8 34	1 4	0 15	0 49	16 20	1 38	14 50	7 8	22 44	22 44	23 59	12 0	7 11
F 5	5 16	19 39	1 14	17 44	3 36	14 3	0 26	12 50	1 11	20 41	0 17	8 31	1 4	0 14	0 49	16 20	1 38	14 50	7 8	22 44	22 44	23 58	11 59	7 11
S 6	5 38	16 5	2 13	17 59	3 41	14 28	0 24	12 38	1 11	20 40	0 17	8 29	1 4	0 13	0 49	16 19	1 38	14 49	7 9	22 44	22 45	23 57	11 57	7 12
S 7	6 0	11 46	3 8	18 11	3 47	14 53	0 21	12 25	1 12	20 39	0 17	8 26	1 4	0 12	0 49	16 19	1 38	14 49	7 9	22 44	22 45	23 56	11 56	7 12
M 8	6 23	6 52	3 55	18 21	3 51	15 18	0 19	12 12	1 12	20 38	0 17	8 24	1 4	0 11	0 49	16 19	1 38	14 48	7 9	22 45	22 45	23 55	11 55	7 13
T 9	6 45	1 33	4 31	18 29	3 55	15 42	0 16	11 59	1 13	20 37	0 17	8 21	1 5	0 10	0 49	16 18	1 38	14 48	7 9	22 46	22 45	23 53	11 53	7 14
W10	7 7	3s58	4 54	18 34	3 58	16 6	0 13	11 46	1 14	20 36	0 17	8 19	1 5	0 9	0 49	16 18	1 38	14 48	7 9	22 47	22 46	23 52	11 52	7 14
T 11	7 29	9 27	5 1	18 36	3 59	16 29	0 10	11 33	1 14	20 34	0 17	8 16	1 5	0 8	0 49	16 18	1 38	14 47	7 10	22 48	22 46	23 51	11 51	7 15
F 12	7 51	14 34	4 50	18 36	4 0	16 52	0 7	11 21	1 15	20 33	0 17	8 14	1 5	0 7	0 49	16 17	1 38	14 47	7 10	22 48	22 46	23 50	11 50	7 15
S 13	8 13	18 59	4 21	18 32	4 0	17 15	0 5	11 8	1 15	20 32	0 17	8 12	1 5	0 7	0 49	16 17	1 38	14 47	7 10	22 49	22 46	23 49	11 48	7 16
S 14	8 34	22 18	3 35	18 24	3 58	17 38	0 2	10 55	1 16	20 31	0 17	8 9	1 5	0 6	0 49	16 16	1 38	14 46	7 10	22 50	22 47	23 48	11 47	7 17
M15	8 56	24 12	2 35	18 13	3 55	17 59	0s 1	10 41	1 16	20 30	0 17	8 7	1 5	0 5	0 49	16 16	1 38	14 46	7 10	22 50	22 47	23 47	11 46	7 17
T 16	9 17	24 30	1 26	17 58	3 50	18 21	0 4	10 28	1 17	20 29	0 17	8 5	1 6	0 4	0 49	16 16	1 38	14 46	7 11	22 51	22 47	23 46	11 45	7 18
W17	9 39	23 10	0 11	17 39	3 43	18 42	0 7	10 15	1 18	20 29	0 17	8 3	1 6	0 3	0 49	16 15	1 38	14 45	7 11	22 51	22 47	23 45	11 43	7 19
T 18	10 0	20 23	1n 4	17 16	3 35	19 2	0 10	10 2	1 18	20 28	0 17	8 0	1 6	0 2	0 49	16 15	1 38	14 45	7 11	22 51	22 48	23 44	11 42	7 19
F 19	10 21	16 25	2 14	16 50	3 25	19 22	0 13	9 49	1 19	20 27	0 17	7 58	1 6	0 2	0 49	16 14	1 38	14 45	7 11	22 51	22 48	23 43	11 41	7 20
S 20	10 42	11 36	3 15	16 19	3 13	19 42	0 16	9 36	1 19	20 26	0 17	7 56	1 6	0 1	0 49	16 14	1 38	14 44	7 11	22 51	22 48	23 42	11 40	7 21
S 21	11 2	6 16	4 4	15 46	2 59	20 1	0 19	9 22	1 20	20 25	0 17	7 54	1 6	0s 0	0 49	16 14	1 38	14 44	7 12	22 51	22 48	23 41	11 39	7 21
M22	11 23	0 43	4 39	15 9	2 44	20 19	0 22	9 9	1 20	20 24	0 17	7 52	1 6	0 1	0 49	16 13	1 38	14 44	7 12	22 52	22 49	23 39	11 38	7 22
T 23	11 43	4n48	4 59	14 30	2 27	20 37	0 25	8 56	1 21	20 24	0 16	7 49	1 7	0 2	0 49	16 13	1 38	14 44	7 12	22 52	22 49	23 38	11 36	7 23
W24	12 3	10 0	5 2	13 50	2 8	20 55	0 28	8 43	1 22	20 23	0 16	7 47	1 7	0 2	0 49	16 12	1 38	14 43	7 12	22 53	22 49	23 37	11 35	7 23
T 25	12 23	14 41	4 49	13 9	1 49	21 12	0 31	8 29	1 22	20 22	0 16	7 45	1 7	0 3	0 49	16 12	1 38	14 43	7 13	22 54	22 49	23 36	11 34	7 24
F 26	12 43	18 37	4 22	12 28	1 29	21 28	0 34	8 16	1 23	20 22	0 16	7 43	1 7	0 4	0 49	16 11	1 38	14 43	7 13	22 55	22 50	23 35	11 33	7 25
S 27	13 3	21 39	3 43	11 49	1 8	21 44	0 37	8 3	1 23	20 21	0 16	7 41	1 7	0 5	0 49	16 11	1 38	14 43	7 13	22 55	22 50	23 34	11 32	7 25
S 28	13 22	23 37	2 54	11 12	0 48	21 59	0 40	7 49	1 24	20 21	0 16	7 39	1 7	0 5	0 49	16 11	1 38	14 42	7 13	22 56	22 50	23 33	11 31	7 26
M29	13 42	24 28	1 58	10 38	0 28	22 14	0 43	7 36	1 24	20 20	0 16	7 37	1 8	0 6	0 49	16 10	1 38	14 42	7 13	22 56	22 50	23 32	11 30	7 27
T 30	14 1	24 10	0 57	10 8	0 8	22 28	0 46	7 23	1 25	20 19	0 16	7 35	1 8	0 7	0 49	16 10	1 38	14 42	7 14	22 56	22 51	23 30	11 29	7 27
W31	14s19	22n46	0s 6	9s42	0n10	22s41	0s49	7n 9	1n25	20n19	0s16	7n33	1n 8	0s 7	0s49	16n 9	1s38	14n42	7n14	22s56	22s51	23n29	11n28	7s28

Julian Day Number = 3067252.5, Delta T = 02h34m37s
Ecliptic obliquity = 23°13'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'28, Lahiri = 47°29'28

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

NOVEMBER 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 46 43	9♏50'51	21♋34	25°R33	12♐10	15♍39	26♋59	13♍23	1°R34	20°R34	9♍21	8♎43	9♎58	5♋50	5♌32	T 1
F 2	2 50 40	10°49'57	3♌25	25°D30	13°23	16°15	27° 2	13°28	1♈32	20♉32	9°22	8°44	9°55	5°57	5°33	F 2
S 3	2 54 36	11°49'06	15°26	25♎39	14°35	16°51	27° 4	13°34	1°31	20°30	9°23	8°R44	9°52	6° 3	5°34	S 3
S 4	2 58 33	12°48'16	27°41	25°58	15°48	17°27	27° 6	13°39	1°29	20°29	9°24	8°43	9°49	6°10	5°35	S 4
M 5	3 2 29	13°47'29	10♍17	26°27	17° 1	18° 3	27° 8	13°44	1°27	20°27	9°25	8°40	9°45	6°17	5°36	M 5
T 6	3 6 26	14°46'44	23°16	27° 5	18°13	18°39	27° 9	13°49	1°26	20°25	9°26	8°34	9°42	6°23	5°37	T 6
W 7	3 10 23	15°46'00	6♎41	27°52	19°26	19°14	27°11	13°54	1°24	20°24	9°27	8°27	9°39	6°30	5°37	W 7
T 8	3 14 19	16°45'20	20°32	28°47	20°39	19°50	27°12	13°59	1°23	20°22	9°28	8°18	9°36	6°37	5°38	T 8
F 9	3 18 16	17°44'41	4♏47	29°49	21°51	20°26	27°13	14° 4	1°21	20°20	9°29	8°10	9°33	6°43	5°39	F 9
S 10	3 22 12	18°44'04	19°21	0♏57	23° 4	21° 1	27°14	14° 8	1°20	20°19	9°30	8° 2	9°30	6°50	5°39	S 10
S 11	3 26 9	19°43'30	4♐ 7	2°11	24°17	21°36	27°15	14°13	1°19	20°17	9°30	7°56	9°26	6°56	5°39	S 11
M12	3 30 5	20°42'57	18°57	3°30	25°29	22°12	27°15	14°18	1°17	20°15	9°31	7°53	9°23	7° 3	5°40	M12
T 13	3 34 2	21°42'26	3♑43	4°53	26°42	22°47	27°15	14°22	1°16	20°14	9°32	7°D51	9°20	7°10	5°40	T 13
W14	3 37 58	22°41'57	18°19	6°20	27°54	23°22	27°R15	14°26	1°15	20°12	9°33	7°52	9°17	7°16	5°R40	W14
T 15	3 41 55	23°41'29	2♒42	7°49	29° 7	23°57	27°15	14°31	1°14	20°10	9°33	7°53	9°14	7°23	5°40	T 15
F 16	3 45 52	24°41'03	16°47	9°21	0♑19	24°32	27°15	14°35	1°13	20° 9	9°34	7°54	9°11	7°30	5°40	F 16
S 17	3 49 48	25°40'39	0♓36	10°55	1°32	25° 7	27°14	14°39	1°11	20° 7	9°35	7°R54	9° 7	7°36	5°40	S 17
S 18	3 53 45	26°40'16	14° 8	12°31	2°44	25°41	27°13	14°43	1°10	20° 5	9°35	7°53	9° 4	7°43	5°39	S 18
M19	3 57 41	27°39'55	27°25	14° 8	3°56	26°16	27°12	14°47	1° 9	20° 4	9°36	7°49	9° 1	7°50	5°39	M19
T 20	4 1 38	28°39'35	10♈26	15°46	5° 9	26°51	27°11	14°51	1° 8	20° 2	9°36	7°44	8°58	7°56	5°39	T 20
W21	4 5 34	29°39'17	23°15	17°24	6°21	27°25	27°10	14°55	1° 7	20° 0	9°37	7°38	8°55	8° 3	5°38	W21
T 22	4 9 31	0♐39'01	5♉51	19° 3	7°33	27°59	27° 8	14°58	1° 7	19°59	9°37	7°31	8°51	8°10	5°37	T 22
F 23	4 13 27	1°38'47	18°15	20°43	8°45	28°34	27° 6	15° 2	1° 6	19°57	9°38	7°25	8°48	8°16	5°37	F 23
S 24	4 17 24	2°38'34	0♊28	22°22	9°58	29° 8	27° 4	15° 5	1° 5	19°55	9°38	7°19	8°45	8°23	5°36	S 24
S 25	4 21 21	3°38'24	12°32	24° 2	11°10	29°42	27° 2	15° 9	1° 4	19°54	9°39	7°15	8°42	8°30	5°35	S 25
M26	4 25 17	4°38'15	24°28	25°42	12°22	0♎16	27° 0	15°12	1° 4	19°52	9°39	7°12	8°39	8°36	5°34	M26
T 27	4 29 14	5°38'08	6♋18	27°21	13°34	0°49	26°57	15°15	1° 3	19°51	9°40	7°D11	8°36	8°43	5°33	T 27
W28	4 33 10	6°38'03	18° 4	29° 1	14°46	1°23	26°54	15°18	1° 2	19°49	9°40	7°12	8°32	8°49	5°32	W28
T 29	4 37 7	7°38'01	29°51	0♐40	15°58	1°57	26°51	15°21	1° 2	19°47	9°40	7°13	8°29	8°56	5°30	T 29
F 30	4 41 3	8♐38'00	11♌43	2♐19	17♑10	2♎30	26♋48	15♍24	1♈ 1	19♉46	9♍41	7♑15	8♑26	9♋ 3	5♌29	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s38	20n23	1s 8	9s21	0n28	22s54	0s52	6n56	1n26	20n19	0s16	7n31	1n 8	0s 8	0s49	16n 9	1s38	14n42	7n14	22s56	22s51	23n28	11n27	7s29
F 2	14 56	17 8	2 9	9 6	0 44	23 6	0 54	6 42	1 27	20 18	0 16	7 30	1 8	0 9	0 49	16 8	1 38	14 42	7 14	22 56	22 51	23 27	11 26	7 29
S 3	15 15	13 8	3 4	8 55	0 59	23 18	0 57	6 29	1 27	20 18	0 16	7 28	1 8	0 9	0 49	16 8	1 38	14 41	7 15	22 56	22 52	23 26	11 25	7 30
S 4	15 32	8 32	3 52	8 50	1 12	23 28	1 0	6 16	1 28	20 18	0 16	7 26	1 9	0 10	0 49	16 8	1 38	14 41	7 15	22 56	22 52	23 25	11 24	7 31
M 5	15 50	3 28	4 30	8 49	1 23	23 39	1 3	6 2	1 28	20 17	0 16	7 24	1 9	0 10	0 49	16 7	1 38	14 41	7 15	22 57	22 52	23 23	11 24	7 31
T 6	16 8	1s53	4 56	8 53	1 33	23 48	1 6	5 49	1 29	20 17	0 16	7 22	1 9	0 11	0 49	16 7	1 38	14 41	7 15	22 57	22 52	23 22	11 23	7 32
W 7	16 25	7 20	5 7	9 2	1 42	23 57	1 9	5 36	1 29	20 17	0 16	7 21	1 9	0 12	0 49	16 6	1 38	14 41	7 16	22 57	22 53	23 21	11 22	7 33
T 8	16 42	12 35	5 0	9 15	1 49	24 5	1 12	5 22	1 30	20 17	0 15	7 19	1 9	0 12	0 49	16 6	1 38	14 41	7 16	22 58	22 53	23 20	11 21	7 34
F 9	16 58	17 19	4 35	9 31	1 54	24 13	1 15	5 9	1 30	20 17	0 15	7 17	1 10	0 13	0 49	16 5	1 38	14 41	7 16	22 58	22 53	23 18	11 20	7 34
S 10	17 14	21 7	3 51	9 51	1 58	24 20	1 17	4 56	1 31	20 16	0 15	7 16	1 10	0 13	0 49	16 5	1 38	14 41	7 16	22 59	22 53	23 17	11 19	7 35
S 11	17 30	23 36	2 52	10 14	2 1	24 26	1 20	4 42	1 32	20 16	0 15	7 14	1 10	0 14	0 49	16 4	1 38	14 41	7 17	22 59	22 53	23 16	11 19	7 36
M12	17 46	24 26	1 40	10 38	2 3	24 32	1 23	4 29	1 32	20 16	0 15	7 12	1 10	0 14	0 49	16 4	1 38	14 41	7 17	22 59	22 54	23 15	11 18	7 36
T 13	18 2	23 33	0 22	11 5	2 4	24 36	1 25	4 16	1 33	20 16	0 15	7 11	1 10	0 15	0 49	16 4	1 38	14 41	7 17	23 0	22 54	23 14	11 17	7 37
W14	18 17	21 3	0n56	11 34	2 3	24 40	1 28	4 2	1 33	20 16	0 15	7 9	1 11	0 15	0 49	16 3	1 38	14 40	7 17	23 0	22 54	23 12	11 17	7 38
T 15	18 32	17 16	2 11	12 4	2 2	24 44	1 31	3 49	1 34	20 17	0 15	7 8	1 11	0 16	0 48	16 3	1 38	14 40	7 18	22 59	22 54	23 11	11 16	7 38
F 16	18 46	12 33	3 15	12 35	2 0	24 47	1 33	3 36	1 34	20 17	0 15	7 7	1 11	0 16	0 48	16 2	1 38	14 40	7 18	22 59	22 55	23 10	11 15	7 39
S 17	19 0	7 18	4 7	13 6	1 58	24 49	1 36	3 23	1 35	20 17	0 15	7 5	1 11	0 16	0 48	16 2	1 38	14 40	7 18	22 59	22 55	23 9	11 15	7 40
S 18	19 14	1 48	4 44	13 38	1 54	24 50	1 38	3 10	1 36	20 17	0 15	7 4	1 11	0 17	0 48	16 1	1 38	14 40	7 19	22 59	22 55	23 7	11 14	7 40
M19	19 28	3n39	5 5	14 10	1 51	24 50	1 41	2 57	1 36	20 17	0 15	7 2	1 11	0 17	0 48	16 1	1 38	14 40	7 19	23 0	22 55	23 6	11 13	7 41
T 20	19 41	8 51	5 10	14 43	1 46	24 50	1 43	2 44	1 37	20 18	0 15	7 1	1 12	0 17	0 48	16 0	1 38	14 41	7 19	23 0	22 55	23 5	11 13	7 42
W21	19 54	13 35	4 59	15 15	1 41	24 49	1 45	2 31	1 37	20 18	0 14	7 0	1 12	0 18	0 48	16 0	1 38	14 41	7 19	23 0	22 56	23 4	11 12	7 42
T 22	20 6	17 39	4 34	15 47	1 36	24 48	1 48	2 18	1 38	20 18	0 14	6 59	1 12	0 18	0 48	16 0	1 38	14 41	7 20	23 1	22 56	23 2	11 12	7 43
F 23	20 18	20 53	3 56	16 19	1 31	24 46	1 50	2 5	1 38	20 19	0 14	6 58	1 12	0 18	0 48	15 59	1 38	14 41	7 20	23 1	22 56	23 1	11 11	7 44
S 24	20 30	23 7	3 7	16 50	1 25	24 43	1 52	1 52	1 39	20 19	0 14	6 56	1 13	0 19	0 48	15 59	1 38	14 41	7 20	23 1	22 56	23 0	11 11	7 44
S 25	20 41	24 15	2 11	17 20	1 19	24 39	1 54	1 39	1 40	20 20	0 14	6 55	1 13	0 19	0 48	15 58	1 38	14 41	7 20	23 2	22 56	22 58	11 10	7 45
M26	20 52	24 16	1 9	17 50	1 13	24 35	1 56	1 26	1 40	20 20	0 14	6 54	1 13	0 19	0 48	15 58	1 38	14 41	7 21	23 2	22 57	22 57	11 10	7 46
T 27	21 3	23 9	0 5	18 19	1 6	24 30	1 58	1 13	1 41	20 21	0 14	6 53	1 13	0 19	0 48	15 58	1 38	14 41	7 21	23 2	22 57	22 56	11 10	7 46
W28	21 13	21 2	0s59	18 47	1 0	24 24	2 0	1 0	1 41	20 22	0 14	6 52	1 13	0 19	0 48	15 57	1 38	14 41	7 21	23 2	22 57	22 54	11 9	7 47
T 29	21 23	18 1	2 1	19 14	0 53	24 17	2 2	0 48	1 42	20 22	0 14	6 51	1 14	0 20	0 48	15 57	1 38	14 41	7 22	23 2	22 57	22 53	11 9	7 48
F 30	21s33	14n15	2s59	19s41	0n46	24s10	2s 3	0n35	1n42	20n23	0s14	6n50	1n14	0s20	0s48	15n56	1s38	14n41	7n22	23s 2	22s57	22n52	11n 9	7s48

Julian Day Number = 3067283.5, Delta T = 02h34m38s
Ecliptic obliquity = 23°13'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'32, Lahiri = 47°29'32

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ASTRODIENST EPHEMERIS for the year 3685
geocentric

DECEMBER 3685 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 45 0	9♐38'01	23♌42	3♐57	18♑22	3♎ 4	26°R45	15♍27	1°R 1	19°R44	9♍41	7♑17	8♑23	9♋ 9	5°R28	S 1
S 2	4 48 56	10°38'04	5♍56	5°36	19°34	3°37	26♋41	15°30	1♈ 1	19♉43	9°41	7°R18	8°20	9°16	5♌26	S 2
M 3	4 52 53	11°38'09	18°27	7°14	20°45	4°10	26°37	15°32	1° 0	19°41	9°41	7°18	8°16	9°23	5°24	M 3
T 4	4 56 50	12°38'16	1♎21	8°51	21°57	4°43	26°33	15°35	1° 0	19°40	9°41	7°17	8°13	9°29	5°23	T 4
W 5	5 0 46	13°38'25	14°42	10°29	23° 9	5°16	26°29	15°37	1° 0	19°38	9°42	7°14	8°10	9°36	5°21	W 5
T 6	5 4 43	14°38'36	28°30	12° 6	24°21	5°49	26°25	15°39	0°59	19°37	9°42	7°11	8° 7	9°43	5°19	T 6
F 7	5 8 39	15°38'49	12♏46	13°42	25°32	6°22	26°21	15°41	0°59	19°35	9°42	7° 8	8° 4	9°49	5°17	F 7
S 8	5 12 36	16°39'04	27°25	15°19	26°44	6°55	26°16	15°43	0°59	19°34	9°42	7° 5	8° 1	9°56	5°15	S 8
S 9	5 16 32	17°39'21	12♐23	16°55	27°55	7°27	26°11	15°45	0°D59	19°32	9°42	7° 3	7°57	10° 3	5°13	S 9
M10	5 20 29	18°39'40	27°30	18°30	29° 7	7°59	26° 6	15°47	0°59	19°31	9°R42	7° 2	7°54	10° 9	5°11	M10
T 11	5 24 25	19°40'00	12♑37	20° 6	0♒18	8°32	26° 1	15°49	0°59	19°29	9°42	7°D 2	7°51	10°16	5° 9	T 11
W12	5 28 22	20°40'21	27°36	21°41	1°30	9° 4	25°56	15°51	0°59	19°28	9°42	7° 3	7°48	10°22	5° 6	W12
T 13	5 32 19	21°40'44	12♒19	23°16	2°41	9°36	25°50	15°52	1° 0	19°27	9°42	7° 4	7°45	10°29	5° 4	T 13
F 14	5 36 15	22°41'08	26°40	24°51	3°52	10° 7	25°44	15°54	1° 0	19°25	9°42	7° 5	7°42	10°36	5° 1	F 14
S 15	5 40 12	23°41'33	10♓38	26°25	5° 3	10°39	25°39	15°55	1° 0	19°24	9°41	7° 6	7°38	10°42	4°59	S 15
S 16	5 44 8	24°42'00	24°13	27°59	6°14	11°11	25°33	15°56	1° 0	19°23	9°41	7°R 6	7°35	10°49	4°56	S 16
M17	5 48 5	25°42'27	7♈25	29°33	7°25	11°42	25°27	15°57	1° 1	19°21	9°41	7° 6	7°32	10°56	4°53	M17
T 18	5 52 1	26°42'56	20°17	1♑ 7	8°36	12°13	25°20	15°58	1° 1	19°20	9°41	7° 5	7°29	11° 2	4°50	T 18
W19	5 55 58	27°43'26	2♉53	2°41	9°47	12°44	25°14	15°59	1° 2	19°19	9°41	7° 4	7°26	11° 9	4°48	W19
T 20	5 59 55	28°43'57	15°13	4°14	10°58	13°15	25° 7	16° 0	1° 2	19°18	9°40	7° 3	7°23	11°16	4°45	T 20
F 21	6 3 51	29°44'30	27°23	5°48	12° 9	13°46	25° 1	16° 0	1° 3	19°16	9°40	7° 1	7°19	11°22	4°42	F 21
S 22	6 7 48	0♑45'04	9♊24	7°21	13°19	14°17	24°54	16° 1	1° 3	19°15	9°40	7° 1	7°16	11°29	4°39	S 22
S 23	6 11 44	1°45'38	21°18	8°54	14°30	14°47	24°47	16° 1	1° 4	19°14	9°39	7° 0	7°13	11°36	4°35	S 23
M24	6 15 41	2°46'15	3♋ 8	10°27	15°40	15°18	24°40	16° 1	1° 5	19°13	9°39	7°D 0	7°10	11°42	4°32	M24
T 25	6 19 37	3°46'52	14°56	12° 0	16°50	15°48	24°33	16° 2	1° 6	19°12	9°39	7° 0	7° 7	11°49	4°29	T 25
W26	6 23 34	4°47'31	26°44	13°33	18° 0	16°18	24°26	16°R 2	1° 7	19°11	9°38	7° 0	7° 3	11°56	4°26	W26
T 27	6 27 30	5°48'11	8♌34	15° 6	19°11	16°48	24°18	16° 2	1° 7	19°10	9°38	7° 0	7° 0	12° 2	4°22	T 27
F 28	6 31 27	6°48'52	20°29	16°38	20°21	17°17	24°11	16° 1	1° 8	19° 9	9°37	7°R 0	6°57	12° 9	4°19	F 28
S 29	6 35 24	7°49'35	2♍32	18°11	21°30	17°47	24° 3	16° 1	1° 9	19° 8	9°37	7° 0	6°54	12°15	4°15	S 29
S 30	6 39 20	8°50'19	14°47	19°43	22°40	18°16	23°56	16° 1	1°10	19° 7	9°36	7° 0	6°51	12°22	4°12	S 30
M31	6 43 17	9♑51'05	27♍17	21♑16	23♒50	18♎45	23♋48	16♍ 0	1♈11	19♉ 6	9♍36	7♑ 0	6♑48	12♋29	4♌ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s42	9n54	3s49	20s 6	0n39	24s 2	2s 5	0n22	1n43	20n24	0s14	6n49	1n14	0s20	0s48	15n56	1s38	14n42	7n22	23s 1	22s58	22n50	11n 8	7s49	S 1
S 2	21 50	5 4	4 29	20 31	0 32	23 54	2 7	0 10	1 44	20 24	0 14	6 49	1 14	0 20	0 48	15 56	1 38	14 42	7 22	23 1	22 58	22 49	11 8	7 50	S 2
M 3	21 59	0s 4	4 58	20 54	0 25	23 45	2 8	0s 3	1 44	20 25	0 13	6 48	1 14	0 20	0 48	15 55	1 38	14 42	7 23	23 1	22 58	22 48	11 8	7 50	M 3
T 4	22 6	5 20	5 14	21 16	0 18	23 35	2 9	0 15	1 45	20 26	0 13	6 47	1 15	0 20	0 48	15 55	1 38	14 42	7 23	23 2	22 58	22 46	11 8	7 51	T 4
W 5	22 14	10 33	5 13	21 38	0 11	23 24	2 11	0 28	1 45	20 27	0 13	6 46	1 15	0 20	0 48	15 54	1 38	14 42	7 23	23 2	22 58	22 45	11 8	7 51	W 5
T 6	22 21	15 25	4 54	21 58	0 5	23 13	2 12	0 40	1 46	20 28	0 13	6 46	1 15	0 20	0 48	15 54	1 38	14 43	7 23	23 2	22 59	22 44	11 7	7 52	T 6
F 7	22 27	19 36	4 17	22 17	0s 2	23 1	2 13	0 52	1 46	20 29	0 13	6 45	1 15	0 20	0 48	15 54	1 38	14 43	7 24	23 2	22 59	22 42	11 7	7 53	F 7
S 8	22 34	22 41	3 22	22 34	0 9	22 49	2 14	1 5	1 47	20 30	0 13	6 44	1 15	0 20	0 48	15 53	1 38	14 43	7 24	23 2	22 59	22 41	11 7	7 53	S 8
S 9	22 39	24 16	2 12	22 51	0 16	22 36	2 15	1 17	1 48	20 31	0 13	6 44	1 16	0 20	0 48	15 53	1 38	14 43	7 24	23 2	22 59	22 40	11 7	7 54	S 9
M10	22 45	24 4	0 53	23 6	0 23	22 22	2 16	1 29	1 48	20 32	0 13	6 43	1 16	0 20	0 47	15 53	1 38	14 44	7 25	23 2	22 59	22 38	11 7	7 54	M10
T 11	22 49	22 7	0n31	23 21	0 29	22 8	2 17	1 41	1 49	20 33	0 13	6 43	1 16	0 20	0 47	15 52	1 38	14 44	7 25	23 2	23 0	22 37	11 7	7 55	T 11
W12	22 54	18 38	1 52	23 34	0 36	21 53	2 18	1 53	1 49	20 34	0 13	6 43	1 16	0 20	0 47	15 52	1 38	14 44	7 25	23 2	23 0	22 35	11 7	7 56	W12
T 13	22 58	14 1	3 3	23 45	0 42	21 38	2 18	2 5	1 50	20 35	0 12	6 42	1 17	0 20	0 47	15 52	1 38	14 44	7 25	23 2	23 0	22 34	11 7	7 56	T 13
F 14	23 1	8 43	4 2	23 56	0 49	21 22	2 19	2 17	1 51	20 36	0 12	6 42	1 17	0 20	0 47	15 51	1 38	14 45	7 26	23 2	23 0	22 33	11 7	7 57	F 14
S 15	23 4	3 7	4 44	24 5	0 55	21 5	2 19	2 28	1 51	20 37	0 12	6 42	1 17	0 20	0 47	15 51	1 38	14 45	7 26	23 2	23 0	22 31	11 7	7 57	S 15
S 16	23 7	2n28	5 9	24 13	1 1	20 48	2 20	2 40	1 52	20 39	0 12	6 41	1 17	0 20	0 47	15 51	1 38	14 45	7 26	23 2	23 0	22 30	11 7	7 58	S 16
M17	23 9	7 47	5 17	24 20	1 7	20 30	2 20	2 52	1 52	20 40	0 12	6 41	1 17	0 19	0 47	15 50	1 38	14 46	7 27	23 2	23 1	22 28	11 7	7 58	M17
T 18	23 11	12 38	5 9	24 26	1 13	20 12	2 20	3 3	1 53	20 41	0 12	6 41	1 18	0 19	0 47	15 50	1 38	14 46	7 27	23 2	23 1	22 27	11 7	7 59	T 18
W19	23 12	16 50	4 46	24 30	1 18	19 53	2 20	3 14	1 54	20 42	0 12	6 41	1 18	0 19	0 47	15 50	1 38	14 46	7 27	23 2	23 1	22 26	11 8	7 59	W19
T 20	23 13	20 14	4 10	24 33	1 24	19 34	2 20	3 26	1 54	20 44	0 12	6 41	1 18	0 19	0 47	15 49	1 38	14 47	7 27	23 2	23 1	22 24	11 8	8 0	T 20
F 21	23 13	22 41	3 23	24 35	1 29	19 14	2 20	3 37	1 55	20 45	0 12	6 41	1 18	0 18	0 47	15 49	1 38	14 47	7 28	23 2	23 1	22 23	11 8	8 0	F 21
S 22	23 13	24 5	2 28	24 35	1 34	18 54	2 20	3 48	1 55	20 46	0 11	6 41	1 19	0 18	0 47	15 49	1 38	14 47	7 28	23 2	23 2	22 21	11 8	8 1	S 22
S 23	23 13	24 22	1 26	24 34	1 39	18 33	2 19	3 59	1 56	20 47	0 11	6 41	1 19	0 18	0 47	15 49	1 38	14 48	7 28	23 2	23 2	22 20	11 9	8 1	S 23
M24	23 12	23 33	0 21	24 32	1 43	18 12	2 19	4 10	1 57	20 49	0 11	6 41	1 19	0 17	0 47	15 48	1 38	14 48	7 28	23 2	23 2	22 18	11 9	8 1	M24
T 25	23 10	21 40	0s44	24 29	1 48	17 51	2 18	4 21	1 57	20 50	0 11	6 41	1 19	0 17	0 47	15 48	1 38	14 49	7 29	23 2	23 2	22 17	11 9	8 2	T 25
W26	23 8	18 51	1 48	24 24	1 52	17 28	2 17	4 32	1 58	20 52	0 11	6 41	1 20	0 17	0 47	15 48	1 37	14 49	7 29	23 2	23 2	22 15	11 10	8 2	W26
T 27	23 6	15 16	2 47	24 18	1 56	17 6	2 16	4 43	1 59	20 53	0 11	6 41	1 20	0 16	0 47	15 48	1 37	14 49	7 29	23 2	23 2	22 14	11 10	8 3	T 27
F 28	23 3	11 4	3 39	24 10	1 59	16 43	2 15	4 54	1 59	20 54	0 11	6 42	1 20	0 16	0 47	15 47	1 37	14 50	7 29	23 2	23 3	22 12	11 10	8 3	F 28
S 29	23 0	6 23	4 22	24 2	2 3	16 20	2 14	5 4	2 0	20 56	0 11	6 42	1 20	0 16	0 47	15 47	1 37	14 50	7 30	23 2	23 3	22 11	11 11	8 3	S 29
S 30	22 56	1 24	4 55	23 52	2 6	15 56	2 13	5 15	2 0	20 57	0 10	6 42	1 20	0 15	0 47	15 47	1 37	14 51	7 30	23 2	23 3	22 10	11 11	8 4	S 30
M31	22s52	3s44	5s14	23s41	2s 9	15s32	2s12	5s25	2n 1	20n59	0s10	6n43	1n21	0s15	0s47	15n47	1s37	14n51	7n30	23s 2	23s 3	22n 8	11n12	8s 4	M31

Julian Day Number = 3067313.5, Delta T = 02h34m39s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'36, Lahiri = 47°29'37

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

JANUARY 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 47 13	10♑51'51	10♎ 7	22♑48	24♒59	19♎14	23°R40	16°R 0	1♈13	19°R 5	9°R35	7°D 0	6♑44	12♋35	4°R 5	T 1
W 2	6 51 10	11°52'39	23°18	24°20	26° 9	19°43	23♋33	15♏59	1°14	19♉ 4	9♏34	7♑ 0	6°41	12°42	4♌ 1	W 2
T 3	6 55 6	12°53'29	6♏55	25°52	27°18	20°12	23°25	15°58	1°15	19° 3	9°34	7° 0	6°38	12°49	3°57	T 3
F 4	6 59 3	13°54'20	20°59	27°23	28°27	20°40	23°17	15°57	1°16	19° 3	9°33	7° 1	6°35	12°55	3°53	F 4
S 5	7 2 59	14°55'12	5♐28	28°55	29°36	21° 8	23° 9	15°56	1°18	19° 2	9°32	7° 2	6°32	13° 2	3°50	S 5
S 6	7 6 56	15°56'05	20°19	0♒26	0♓45	21°36	23° 1	15°55	1°19	19° 1	9°32	7° 2	6°29	13° 9	3°46	S 6
M 7	7 10 53	16°56'59	5♑25	1°57	1°54	22° 4	22°53	15°54	1°20	19° 0	9°31	7°R 3	6°25	13°15	3°42	M 7
T 8	7 14 49	17°57'55	20°39	3°27	3° 2	22°31	22°44	15°52	1°22	19° 0	9°30	7° 2	6°22	13°22	3°38	T 8
W 9	7 18 46	18°58'51	5♒50	4°57	4°11	22°59	22°36	15°51	1°23	18°59	9°29	7° 1	6°19	13°29	3°34	W 9
T 10	7 22 42	19°59'47	20°49	6°26	5°19	23°26	22°28	15°49	1°25	18°58	9°29	7° 0	6°16	13°35	3°30	T 10
F 11	7 26 39	21° 0'44	5♓28	7°54	6°27	23°53	22°20	15°48	1°27	18°58	9°28	6°58	6°13	13°42	3°26	F 11
S 12	7 30 35	22° 1'42	19°41	9°21	7°35	24°19	22°12	15°46	1°28	18°57	9°27	6°56	6° 9	13°48	3°22	S 12
S 13	7 34 32	23° 2'40	3♈26	10°47	8°43	24°46	22° 4	15°44	1°30	18°57	9°26	6°55	6° 6	13°55	3°18	S 13
M14	7 38 29	24° 3'38	16°44	12°12	9°51	25°12	21°56	15°42	1°32	18°56	9°25	6°54	6° 3	14° 2	3°14	M14
T 15	7 42 25	25° 4'37	29°37	13°35	10°58	25°38	21°47	15°40	1°33	18°56	9°24	6°D54	6° 0	14° 8	3°10	T 15
W16	7 46 22	26° 5'36	12♉ 8	14°56	12° 5	26° 4	21°39	15°38	1°35	18°55	9°23	6°55	5°57	14°15	3° 6	W16
T 17	7 50 18	27° 6'36	24°23	16°14	13°12	26°29	21°31	15°35	1°37	18°55	9°22	6°56	5°54	14°22	3° 1	T 17
F 18	7 54 15	28° 7'36	6♊24	17°30	14°19	26°54	21°23	15°33	1°39	18°54	9°21	6°58	5°50	14°28	2°57	F 18
S 19	7 58 11	29° 8'36	18°17	18°43	15°25	27°19	21°15	15°30	1°41	18°54	9°20	6°59	5°47	14°35	2°53	S 19
S 20	8 2 8	0♒ 9'36	0♋ 6	19°52	16°32	27°44	21° 7	15°28	1°43	18°54	9°19	7° 0	5°44	14°42	2°49	S 20
M21	8 6 4	1°10'37	11°53	20°56	17°38	28° 8	20°59	15°25	1°45	18°54	9°18	7°R 0	5°41	14°48	2°45	M21
T 22	8 10 1	2°11'38	23°41	21°56	18°43	28°32	20°51	15°22	1°47	18°53	9°17	6°59	5°38	14°55	2°40	T 22
W23	8 13 58	3°12'39	5♌33	22°50	19°49	28°56	20°44	15°19	1°49	18°53	9°16	6°57	5°35	15° 2	2°36	W23
T 24	8 17 54	4°13'40	17°31	23°37	20°54	29°19	20°36	15°16	1°52	18°53	9°15	6°53	5°31	15° 8	2°32	T 24
F 25	8 21 51	5°14'42	29°35	24°16	21°59	29°42	20°28	15°13	1°54	18°53	9°14	6°48	5°28	15°15	2°28	F 25
S 26	8 25 47	6°15'44	11♍49	24°47	23° 4	0♏ 5	20°21	15°10	1°56	18°53	9°13	6°43	5°25	15°22	2°24	S 26
S 27	8 29 44	7°16'46	24°13	25° 9	24° 8	0°28	20°13	15° 7	1°58	18°53	9°12	6°37	5°22	15°28	2°19	S 27
M28	8 33 40	8°17'49	6♎50	25°21	25°13	0°50	20° 6	15° 3	2° 1	18°D53	9°10	6°33	5°19	15°35	2°15	M28
T 29	8 37 37	9°18'52	19°41	25°R22	26°16	1°12	19°58	15° 0	2° 3	18°53	9° 9	6°30	5°15	15°41	2°11	T 29
W30	8 41 33	10°19'56	2♏50	25°11	27°20	1°34	19°51	14°56	2° 5	18°53	9° 8	6°28	5°12	15°48	2° 7	W30
T 31	8 45 30	11♒21'00	16♏18	24♒48	28♓23	1♏55	19♋44	14♍53	2♈ 8	18♉53	9♍ 7	6°D28	5♑ 9	15♋55	2♌ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s47	8s50	5s18	23s28	2s11	15s 7	2s10	5s35	2n 2	21n 0	0s10	6n43	1n21	0s14	0s47	15n46	1s37	14n52	7n31	23s 2	23s 3	22n 7	11n12	8s 4
W 2	22 42	13 42	5 5	23 14	2 13	14 43	2 9	5 45	2 2	21 2	0 10	6 44	1 21	0 14	0 47	15 46	1 37	14 52	7 31	23 2	23 3	22 5	11 13	8 5
T 3	22 36	18 3	4 36	22 59	2 15	14 17	2 7	5 55	2 3	21 3	0 10	6 44	1 21	0 13	0 46	15 46	1 37	14 53	7 31	23 2	23 3	22 4	11 13	8 5
F 4	22 30	21 31	3 49	22 43	2 16	13 52	2 5	6 5	2 4	21 4	0 10	6 45	1 22	0 13	0 46	15 46	1 37	14 53	7 31	23 2	23 4	22 2	11 14	8 5
S 5	22 24	23 45	2 47	22 26	2 17	13 26	2 3	6 15	2 4	21 6	0 10	6 45	1 22	0 12	0 46	15 46	1 37	14 54	7 32	23 2	23 4	22 1	11 14	8 6
S 6	22 17	24 24	1 32	22 7	2 18	13 0	2 1	6 25	2 5	21 7	0 10	6 46	1 22	0 11	0 46	15 46	1 37	14 54	7 32	23 2	23 4	21 59	11 15	8 6
M 7	22 10	23 16	0 9	21 47	2 18	12 34	1 59	6 34	2 5	21 9	0 9	6 47	1 22	0 11	0 46	15 45	1 37	14 55	7 32	23 2	23 4	21 58	11 16	8 6
T 8	22 2	20 25	1n15	21 26	2 17	12 7	1 57	6 44	2 6	21 10	0 9	6 47	1 22	0 10	0 46	15 45	1 37	14 55	7 32	23 2	23 4	21 56	11 16	8 6
W 9	21 54	16 10	2 33	21 4	2 16	11 40	1 54	6 53	2 7	21 12	0 9	6 48	1 23	0 10	0 46	15 45	1 37	14 56	7 32	23 2	23 4	21 54	11 17	8 7
T 10	21 45	10 57	3 40	20 40	2 15	11 13	1 52	7 3	2 7	21 13	0 9	6 49	1 23	0 9	0 46	15 45	1 37	14 56	7 33	23 2	23 5	21 53	11 17	8 7
F 11	21 36	5 13	4 30	20 16	2 13	10 45	1 49	7 12	2 8	21 15	0 9	6 50	1 23	0 8	0 46	15 45	1 37	14 57	7 33	23 2	23 5	21 51	11 18	8 7
S 12	21 26	0n36	5 3	19 50	2 10	10 17	1 46	7 21	2 9	21 16	0 9	6 51	1 23	0 8	0 46	15 45	1 37	14 57	7 33	23 3	23 5	21 50	11 19	8 7
S 13	21 16	6 12	5 16	19 24	2 7	9 50	1 43	7 30	2 9	21 18	0 9	6 52	1 23	0 7	0 46	15 45	1 37	14 58	7 33	23 3	23 5	21 48	11 20	8 7
M14	21 6	11 20	5 12	18 57	2 3	9 21	1 40	7 39	2 10	21 19	0 9	6 53	1 24	0 6	0 46	15 45	1 37	14 58	7 34	23 3	23 5	21 47	11 20	8 8
T 15	20 55	15 48	4 52	18 29	1 58	8 53	1 37	7 47	2 11	21 20	0 8	6 54	1 24	0 5	0 46	15 45	1 37	14 59	7 34	23 3	23 5	21 45	11 21	8 8
W16	20 44	19 27	4 19	18 0	1 52	8 25	1 34	7 56	2 11	21 22	0 8	6 55	1 24	0 5	0 46	15 45	1 37	14 59	7 34	23 3	23 5	21 44	11 22	8 8
T 17	20 33	22 10	3 34	17 31	1 46	7 56	1 30	8 4	2 12	21 23	0 8	6 56	1 24	0 4	0 46	15 44	1 36	15 0	7 34	23 3	23 6	21 42	11 23	8 8
F 18	20 21	23 50	2 41	17 1	1 39	7 27	1 26	8 13	2 13	21 25	0 8	6 57	1 25	0 3	0 46	15 44	1 36	15 1	7 35	23 2	23 6	21 40	11 24	8 8
S 19	20 9	24 24	1 42	16 31	1 31	6 58	1 23	8 21	2 13	21 26	0 8	6 58	1 25	0 2	0 46	15 44	1 36	15 1	7 35	23 2	23 6	21 39	11 24	8 8
S 20	19 56	23 51	0 38	16 1	1 22	6 29	1 19	8 29	2 14	21 27	0 8	6 59	1 25	0 1	0 46	15 44	1 36	15 2	7 35	23 2	23 6	21 37	11 25	8 8
M21	19 43	22 15	0s27	15 32	1 12	6 0	1 15	8 37	2 15	21 29	0 8	7 1	1 25	0 1	0 46	15 44	1 36	15 2	7 35	23 2	23 6	21 36	11 26	8 8
T 22	19 30	19 41	1 31	15 2	1 1	5 30	1 11	8 45	2 15	21 30	0 7	7 2	1 25	0n 0	0 46	15 44	1 36	15 3	7 35	23 2	23 6	21 34	11 27	8 8
W23	19 16	16 16	2 31	14 33	0 49	5 1	1 6	8 52	2 16	21 31	0 7	7 3	1 26	0 1	0 46	15 44	1 36	15 3	7 36	23 3	23 6	21 33	11 28	8 8
T 24	19 2	12 12	3 24	14 6	0 36	4 31	1 2	9 0	2 17	21 33	0 7	7 4	1 26	0 2	0 46	15 44	1 36	15 4	7 36	23 3	23 7	21 31	11 29	8 8
F 25	18 47	7 36	4 10	13 39	0 22	4 2	0 57	9 7	2 17	21 34	0 7	7 6	1 26	0 3	0 46	15 44	1 36	15 5	7 36	23 3	23 7	21 29	11 30	8 8
S 26	18 32	2 41	4 44	13 15	0 6	3 32	0 53	9 15	2 18	21 35	0 7	7 7	1 26	0 4	0 46	15 44	1 36	15 5	7 36	23 3	23 7	21 28	11 31	8 8
S 27	18 17	2s24	5 5	12 52	0n10	3 2	0 48	9 22	2 19	21 36	0 7	7 9	1 26	0 5	0 46	15 44	1 36	15 6	7 36	23 4	23 7	21 26	11 32	8 8
M28	18 2	7 29	5 13	12 32	0 27	2 33	0 43	9 29	2 19	21 38	0 7	7 10	1 27	0 6	0 46	15 44	1 36	15 6	7 37	23 4	23 7	21 25	11 32	8 8
T 29	17 46	12 20	5 4	12 15	0 45	2 3	0 38	9 36	2 20	21 39	0 6	7 12	1 27	0 7	0 46	15 45	1 36	15 7	7 37	23 4	23 7	21 23	11 33	8 8
W30	17 30	16 44	4 40	12 1	1 3	1 33	0 33	9 42	2 21	21 40	0 6	7 13	1 27	0 8	0 45	15 45	1 36	15 8	7 37	23 4	23 7	21 21	11 34	8 8
T 31	17s13	20s24	4s 0	11s51	1n22	1s 3	0s27	9s49	2n22	21n41	0s 6	7n15	1n27	0n 9	0s45	15n45	1s36	15n 8	7n37	23s 4	23s 7	21n20	11n35	8s 8

Julian Day Number = 3067344.5, Delta T = 02h34m40s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'40, Lahiri = 47°29'41

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

FEBRUARY 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 49 27	12♒22'04	0♐ 6	24°R14	29♓26	2♏16	19°R37	14°R49	2♈10	18♉53	9°R 6	6♋29	5♋ 6	16♌ 1	1°R59	F 1
S 2	8 53 23	13°23'09	14°17	23♒28	0♈29	2°36	19♌30	14♍45	2°13	18°53	9♍ 4	6°30	5° 3	16° 8	1♎55	S 2
S 3	8 57 20	14°24'14	28°49	22°32	1°31	2°57	19°23	14°42	2°15	18°53	9° 3	6°31	5° 0	16°15	1°51	S 3
M 4	9 1 16	15°25'19	13♋38	21°27	2°32	3°16	19°17	14°38	2°18	18°53	9° 2	6°R32	4°56	16°21	1°46	M 4
T 5	9 5 13	16°26'24	28°39	20°14	3°34	3°36	19°10	14°34	2°21	18°54	9° 1	6°30	4°53	16°28	1°42	T 5
W 6	9 9 9	17°27'29	13♒44	18°57	4°35	3°55	19° 4	14°30	2°23	18°54	8°59	6°26	4°50	16°35	1°38	W 6
T 7	9 13 6	18°28'34	28°43	17°38	5°35	4°13	18°58	14°26	2°26	18°54	8°58	6°20	4°47	16°41	1°34	T 7
F 8	9 17 2	19°29'39	13♓27	16°18	6°36	4°32	18°52	14°22	2°29	18°55	8°57	6°13	4°44	16°48	1°30	F 8
S 9	9 20 59	20°30'43	27°50	15° 1	7°35	4°49	18°46	14°17	2°32	18°55	8°55	6° 6	4°40	16°55	1°27	S 9
S 10	9 24 56	21°31'46	11♈45	13°49	8°35	5° 7	18°40	14°13	2°34	18°56	8°54	5°59	4°37	17° 1	1°23	S 10
M11	9 28 52	22°32'49	25°11	12°44	9°33	5°24	18°34	14° 9	2°37	18°56	8°53	5°54	4°34	17° 8	1°19	M11
T 12	9 32 49	23°33'51	8♉10	11°46	10°32	5°40	18°29	14° 4	2°40	18°57	8°51	5°50	4°31	17°15	1°15	T 12
W13	9 36 45	24°34'53	20°45	10°57	11°29	5°56	18°24	14° 0	2°43	18°57	8°50	5°D49	4°28	17°21	1°11	W13
T 14	9 40 42	25°35'54	2♊59	10°18	12°27	6°12	18°18	13°55	2°46	18°58	8°49	5°49	4°25	17°28	1° 8	T 14
F 15	9 44 38	26°36'54	14°59	9°48	13°23	6°27	18°14	13°51	2°49	18°58	8°47	5°50	4°21	17°34	1° 4	F 15
S 16	9 48 35	27°37'54	26°50	9°27	14°19	6°41	18° 9	13°46	2°52	18°59	8°46	5°52	4°18	17°41	1° 0	S 16
S 17	9 52 31	28°38'53	8♋37	9°15	15°15	6°55	18° 4	13°42	2°55	19° 0	8°44	5°R52	4°15	17°48	0°57	S 17
M18	9 56 28	29°39'50	20°24	9°D12	16°10	7° 9	18° 0	13°37	2°58	19° 0	8°43	5°51	4°12	17°54	0°53	M18
T 19	10 0 25	0♓40'48	2♌15	9°17	17° 4	7°22	17°56	13°32	3° 1	19° 1	8°42	5°47	4° 9	18° 1	0°50	T 19
W20	10 4 21	1°41'44	14°13	9°29	17°57	7°35	17°52	13°28	3° 4	19° 2	8°40	5°41	4° 6	18° 8	0°47	W20
T 21	10 8 18	2°42'39	26°20	9°48	18°50	7°47	17°48	13°23	3° 7	19° 3	8°39	5°32	4° 2	18°14	0°43	T 21
F 22	10 12 14	3°43'34	8♍39	10°13	19°42	7°58	17°44	13°18	3°10	19° 3	8°37	5°22	3°59	18°21	0°40	F 22
S 23	10 16 11	4°44'28	21° 9	10°45	20°33	8° 9	17°40	13°13	3°13	19° 4	8°36	5°10	3°56	18°28	0°37	S 23
S 24	10 20 7	5°45'21	3♎50	11°21	21°24	8°20	17°37	13° 9	3°16	19° 5	8°35	4°59	3°53	18°34	0°34	S 24
M25	10 24 4	6°46'13	16°43	12° 2	22°14	8°29	17°34	13° 4	3°19	19° 6	8°33	4°49	3°50	18°41	0°31	M25
T 26	10 28 0	7°47'05	29°48	12°48	23° 2	8°39	17°31	12°59	3°22	19° 7	8°32	4°41	3°46	18°48	0°28	T 26
W27	10 31 57	8°47'57	13♏ 5	13°38	23°50	8°47	17°28	12°54	3°26	19° 8	8°30	4°35	3°43	18°54	0°25	W27
T 28	10 35 54	9♓48'47	26♏34	14♒31	24♈37	8♏55	17♌26	12♍49	3♈29	19♉ 9	8♍29	4♋32	3♋40	19♌ 1	0♎22	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s56	23s 1	3s 6	11s44	1n41	0s33	0s22	9s55	2n22	21n42	0s 6	7n16	1n27	0n10	0s45	15n45	1s36	15n 9	7n37	23s 4	23s 8	21n18	11n36	8s 8
S 2	16 39	24 16	1 58	11 42	1 59	0 4	0 16	10 2	2 23	21 43	0 6	7 18	1 27	0 11	0 45	15 45	1 36	15 10	7 37	23 4	23 8	21 16	11 37	8 7
S 3	16 22	23 55	0 42	11 43	2 16	0n26	0 10	10 8	2 24	21 44	0 6	7 19	1 28	0 12	0 45	15 45	1 36	15 10	7 38	23 4	23 8	21 15	11 38	8 7
M 4	16 4	21 53	0n39	11 49	2 33	0 56	0 4	10 14	2 24	21 46	0 6	7 21	1 28	0 13	0 45	15 45	1 36	15 11	7 38	23 4	23 8	21 13	11 39	8 7
T 5	15 46	18 19	1 58	11 57	2 47	1 26	0n 2	10 19	2 25	21 47	0 5	7 23	1 28	0 14	0 45	15 45	1 35	15 11	7 38	23 4	23 8	21 11	11 40	8 7
W 6	15 28	13 33	3 8	12 9	3 0	1 55	0 8	10 25	2 26	21 48	0 5	7 24	1 28	0 15	0 45	15 45	1 35	15 12	7 38	23 4	23 8	21 10	11 42	8 7
T 7	15 9	7 58	4 6	12 23	3 10	2 25	0 14	10 31	2 26	21 49	0 5	7 26	1 28	0 16	0 45	15 45	1 35	15 13	7 38	23 4	23 8	21 8	11 43	8 7
F 8	14 50	2 3	4 45	12 39	3 18	2 55	0 20	10 36	2 27	21 50	0 5	7 28	1 28	0 17	0 45	15 46	1 35	15 13	7 38	23 5	23 8	21 6	11 44	8 6
S 9	14 31	3n50	5 6	12 56	3 23	3 24	0 27	10 41	2 28	21 51	0 5	7 30	1 29	0 18	0 45	15 46	1 35	15 14	7 39	23 5	23 8	21 5	11 45	8 6
S 10	14 12	9 20	5 8	13 14	3 26	3 53	0 34	10 46	2 29	21 51	0 5	7 31	1 29	0 19	0 45	15 46	1 35	15 15	7 39	23 5	23 9	21 3	11 46	8 6
M11	13 52	14 11	4 52	13 32	3 26	4 22	0 40	10 51	2 29	21 52	0 5	7 33	1 29	0 20	0 45	15 46	1 35	15 15	7 39	23 6	23 9	21 1	11 47	8 6
T 12	13 33	18 14	4 22	13 50	3 24	4 51	0 47	10 56	2 30	21 53	0 4	7 35	1 29	0 22	0 45	15 46	1 35	15 16	7 39	23 6	23 9	21 0	11 48	8 5
W13	13 13	21 18	3 39	14 7	3 20	5 20	0 54	11 0	2 31	21 54	0 4	7 37	1 29	0 23	0 45	15 46	1 35	15 17	7 39	23 6	23 9	20 58	11 49	8 5
T 14	12 52	23 19	2 48	14 23	3 14	5 49	1 2	11 5	2 31	21 55	0 4	7 39	1 29	0 24	0 45	15 47	1 35	15 17	7 39	23 6	23 9	20 56	11 50	8 5
F 15	12 32	24 13	1 50	14 38	3 7	6 18	1 9	11 9	2 32	21 56	0 4	7 41	1 30	0 25	0 45	15 47	1 35	15 18	7 39	23 6	23 9	20 55	11 51	8 4
S 16	12 11	24 0	0 49	14 52	2 58	6 46	1 16	11 13	2 33	21 56	0 4	7 42	1 30	0 26	0 45	15 47	1 35	15 18	7 39	23 6	23 9	20 53	11 52	8 4
S 17	11 50	22 42	0s15	15 4	2 49	7 15	1 24	11 17	2 33	21 57	0 4	7 44	1 30	0 27	0 45	15 47	1 35	15 19	7 40	23 6	23 9	20 51	11 53	8 4
M18	11 29	20 25	1 17	15 14	2 39	7 43	1 31	11 21	2 34	21 58	0 4	7 46	1 30	0 29	0 45	15 48	1 35	15 20	7 40	23 6	23 9	20 49	11 54	8 3
T 19	11 8	17 15	2 17	15 23	2 28	8 10	1 39	11 24	2 35	21 59	0 3	7 48	1 30	0 30	0 45	15 48	1 35	15 20	7 40	23 6	23 10	20 48	11 55	8 3
W20	10 47	13 22	3 11	15 31	2 17	8 38	1 47	11 28	2 35	21 59	0 3	7 50	1 30	0 31	0 45	15 48	1 35	15 21	7 40	23 6	23 10	20 46	11 56	8 2
T 21	10 25	8 54	3 57	15 37	2 6	9 5	1 55	11 31	2 36	22 0	0 3	7 52	1 30	0 32	0 45	15 48	1 35	15 22	7 40	23 6	23 10	20 44	11 58	8 2
F 22	10 3	4 3	4 32	15 41	1 54	9 33	2 3	11 34	2 37	22 1	0 3	7 54	1 30	0 34	0 45	15 49	1 35	15 22	7 40	23 7	23 10	20 43	11 59	8 2
S 23	9 41	1s 3	4 55	15 44	1 43	9 59	2 11	11 37	2 37	22 1	0 3	7 56	1 31	0 35	0 45	15 49	1 35	15 23	7 40	23 7	23 10	20 41	12 0	8 1
S 24	9 19	6 10	5 4	15 45	1 31	10 26	2 20	11 39	2 38	22 2	0 3	7 58	1 31	0 36	0 45	15 49	1 34	15 23	7 40	23 8	23 10	20 39	12 1	8 1
M25	8 57	11 6	4 57	15 45	1 20	10 52	2 28	11 42	2 39	22 2	0 3	8 0	1 31	0 37	0 45	15 49	1 34	15 24	7 40	23 8	23 10	20 37	12 2	8 0
T 26	8 34	15 36	4 36	15 43	1 9	11 18	2 37	11 44	2 39	22 3	0 3	8 2	1 31	0 39	0 45	15 50	1 34	15 25	7 40	23 8	23 10	20 36	12 3	8 0
W27	8 12	19 25	3 59	15 40	0 58	11 44	2 46	11 46	2 40	22 3	0 2	8 4	1 31	0 40	0 45	15 50	1 34	15 25	7 41	23 9	23 10	20 34	12 4	7 59
T 28	7s49	22s15	3s 8	15s35	0n47	12n10	2n54	11s48	2n40	22n 4	0s 2	8n 6	1n31	0n41	0s45	15n50	1s34	15n26	7n41	23s 9	23s10	20n32	12n 5	7s59

Julian Day Number = 3067375.5, Delta T = 02h34m41s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'45, Lahiri = 47°29'45

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

MARCH 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 39 50	10♓49'37	10♐18	15♒27	25♈24	9♏ 3	17°R24	12°R44	3♈32	19♉10	8°R27	4°D31	3♑37	19♋ 8	0°R19	F 1
S 2	10 43 47	11°50'27	24°16	16°26	26° 9	9°10	17♋22	12♍39	3°35	19°11	8♍26	4♑32	3°34	19°14	0♌16	S 2
S 3	10 47 43	12°51'15	8♑28	17°29	26°53	9°16	17°20	12°34	3°39	19°12	8°25	4°R32	3°31	19°21	0°14	S 3
M 4	10 51 40	13°52'03	22°55	18°33	27°36	9°21	17°18	12°29	3°42	19°14	8°23	4°31	3°27	19°28	0°11	M 4
T 5	10 55 36	14°52'50	7♒31	19°40	28°18	9°26	17°16	12°25	3°45	19°15	8°22	4°27	3°24	19°34	0° 8	T 5
W 6	10 59 33	15°53'37	22°13	20°49	28°59	9°30	17°15	12°20	3°49	19°16	8°20	4°20	3°21	19°41	0° 6	W 6
T 7	11 3 29	16°54'22	6♓54	22° 0	29°38	9°33	17°14	12°15	3°52	19°17	8°19	4°11	3°18	19°47	0° 4	T 7
F 8	11 7 26	17°55'05	21°26	23°13	0♉17	9°36	17°13	12°10	3°55	19°18	8°18	4° 0	3°15	19°54	0° 1	F 8
S 9	11 11 23	18°55'48	5♈42	24°28	0°54	9°38	17°12	12° 5	3°59	19°20	8°16	3°48	3°12	20° 1	29♋59	S 9
S 10	11 15 19	19°56'30	19°35	25°44	1°30	9°39	17°12	12° 0	4° 2	19°21	8°15	3°36	3° 8	20° 7	29°57	S 10
M11	11 19 16	20°57'10	3♉ 3	27° 1	2° 4	9°R40	17°12	11°55	4° 5	19°22	8°13	3°26	3° 5	20°14	29°55	M11
T 12	11 23 12	21°57'48	16° 6	28°21	2°37	9°40	17°D11	11°51	4° 9	19°24	8°12	3°19	3° 2	20°21	29°53	T 12
W13	11 27 9	22°58'25	28°44	29°41	3° 9	9°39	17°12	11°46	4°12	19°25	8°11	3°15	2°59	20°27	29°51	W13
T 14	11 31 5	23°59'01	11♊ 2	1♓ 3	3°38	9°37	17°12	11°41	4°16	19°27	8° 9	3°12	2°56	20°34	29°49	T 14
F 15	11 35 2	24°59'35	23° 4	2°26	4° 7	9°34	17°12	11°36	4°19	19°28	8° 8	3°D12	2°52	20°41	29°48	F 15
S 16	11 38 58	26° 0'07	4♋56	3°50	4°33	9°31	17°13	11°32	4°22	19°30	8° 7	3°R12	2°49	20°47	29°46	S 16
S 17	11 42 55	27° 0'38	16°43	5°15	4°58	9°27	17°14	11°27	4°26	19°31	8° 5	3°11	2°46	20°54	29°45	S 17
M18	11 46 52	28° 1'06	28°32	6°41	5°21	9°23	17°15	11°23	4°29	19°33	8° 4	3° 9	2°43	21° 1	29°43	M18
T 19	11 50 48	29° 1'34	10♌26	8° 9	5°42	9°17	17°16	11°18	4°33	19°34	8° 3	3° 4	2°40	21° 7	29°42	T 19
W20	11 54 45	0♈ 1'59	22°30	9°37	6° 1	9°11	17°18	11°13	4°36	19°36	8° 1	2°57	2°37	21°14	29°41	W20
T 21	11 58 41	1° 2'23	4♍46	11° 7	6°18	9° 4	17°20	11° 9	4°40	19°38	8° 0	2°47	2°33	21°21	29°40	T 21
F 22	12 2 38	2° 2'45	17°18	12°38	6°33	8°56	17°22	11° 5	4°43	19°39	7°59	2°34	2°30	21°27	29°39	F 22
S 23	12 6 34	3° 3'05	0♎ 5	14° 9	6°46	8°47	17°24	11° 0	4°47	19°41	7°57	2°21	2°27	21°34	29°38	S 23
S 24	12 10 31	4° 3'24	13° 8	15°42	6°57	8°38	17°26	10°56	4°50	19°43	7°56	2° 7	2°24	21°41	29°37	S 24
M25	12 14 27	5° 3'42	26°23	17°16	7° 5	8°28	17°28	10°52	4°53	19°44	7°55	1°55	2°21	21°47	29°36	M25
T 26	12 18 24	6° 3'58	9♏51	18°51	7°12	8°17	17°31	10°48	4°57	19°46	7°54	1°45	2°17	21°54	29°35	T 26
W27	12 22 20	7° 4'12	23°28	20°27	7°15	8° 5	17°34	10°43	5° 0	19°48	7°52	1°37	2°14	22° 0	29°35	W27
T 28	12 26 17	8° 4'25	7♐13	22° 3	7°R17	7°53	17°37	10°39	5° 4	19°50	7°51	1°33	2°11	22° 7	29°34	T 28
F 29	12 30 14	9° 4'37	21° 5	23°41	7°16	7°39	17°40	10°35	5° 7	19°51	7°50	1°32	2° 8	22°14	29°34	F 29
S 30	12 34 10	10° 4'47	5♑ 3	25°20	7°12	7°25	17°44	10°31	5°11	19°53	7°49	1°32	2° 5	22°20	29°33	S 30
S 31	12 38 7	11♈ 4'56	19♑ 8	27♓ 0	7♉ 6	7♏11	17♋47	10♍27	5♈14	19♉55	7♍48	1♑31	2♑ 2	22♋27	29♋33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s26	23s51	2s 5	15s29	0n36	12n35	3n 3	11s50	2n41	22n 4	0s 2	8n 8	1n31	0n42	0s45	15n51	1s34	15n27	7n41	23s 9	23s10	20n30	12n 6	7s58
S 2	7 4	24 0	0 54	15 21	0 26	13 0	3 12	11 52	2 42	22 4	0 2	8 10	1 31	0 44	0 45	15 51	1 34	15 27	7 41	23 9	23 11	20 29	12 7	7 58
S 3	6 41	22 36	0n21	15 12	0 16	13 24	3 21	11 53	2 42	22 5	0 2	8 11	1 31	0 45	0 45	15 51	1 34	15 28	7 41	23 9	23 11	20 27	12 8	7 57
M 4	6 17	19 43	1 36	15 2	0 6	13 48	3 30	11 54	2 43	22 5	0 2	8 13	1 31	0 46	0 45	15 52	1 34	15 28	7 41	23 9	23 11	20 25	12 9	7 57
T 5	5 54	15 33	2 46	14 50	0s 4	14 12	3 40	11 55	2 43	22 6	0 2	8 15	1 32	0 48	0 45	15 52	1 34	15 29	7 41	23 9	23 11	20 23	12 10	7 56
W 6	5 31	10 26	3 45	14 38	0 13	14 35	3 49	11 56	2 44	22 6	0 1	8 17	1 32	0 49	0 45	15 53	1 34	15 29	7 41	23 9	23 11	20 22	12 11	7 56
T 7	5 8	4 44	4 28	14 23	0 22	14 58	3 58	11 56	2 44	22 6	0 1	8 19	1 32	0 50	0 45	15 53	1 34	15 30	7 41	23 9	23 11	20 20	12 12	7 55
F 8	4 44	1n 9	4 54	14 8	0 30	15 20	4 8	11 57	2 45	22 6	0 1	8 21	1 32	0 52	0 45	15 53	1 34	15 31	7 41	23 10	23 11	20 18	12 13	7 55
S 9	4 21	6 52	5 1	13 52	0 39	15 42	4 17	11 57	2 45	22 7	0 1	8 23	1 32	0 53	0 45	15 54	1 34	15 31	7 41	23 10	23 11	20 16	12 14	7 54
S 10	3 57	12 4	4 50	13 34	0 47	16 4	4 27	11 57	2 46	22 7	0 1	8 25	1 32	0 54	0 45	15 54	1 34	15 32	7 41	23 10	23 11	20 14	12 15	7 53
M11	3 33	16 32	4 23	13 15	0 55	16 25	4 36	11 57	2 46	22 7	0 1	8 27	1 32	0 56	0 45	15 55	1 34	15 32	7 41	23 11	23 11	20 13	12 16	7 53
T 12	3 10	20 3	3 42	12 55	1 2	16 45	4 46	11 56	2 47	22 7	0 1	8 29	1 32	0 57	0 45	15 55	1 34	15 33	7 41	23 11	23 11	20 11	12 17	7 52
W13	2 46	22 30	2 52	12 34	1 9	17 5	4 56	11 56	2 47	22 7	0 1	8 30	1 32	0 58	0 45	15 55	1 34	15 33	7 41	23 11	23 11	20 9	12 18	7 52
T 14	2 22	23 47	1 55	12 11	1 16	17 24	5 5	11 55	2 47	22 7	0 0	8 32	1 32	1 0	0 45	15 56	1 34	15 34	7 41	23 11	23 11	20 7	12 19	7 51
F 15	1 58	23 56	0 54	11 48	1 22	17 43	5 15	11 54	2 48	22 7	0 0	8 34	1 32	1 1	0 45	15 56	1 34	15 34	7 41	23 11	23 12	20 5	12 20	7 50
S 16	1 35	22 59	0s 9	11 23	1 28	18 1	5 25	11 52	2 48	22 7	0 0	8 36	1 32	1 2	0 45	15 57	1 34	15 35	7 41	23 11	23 12	20 4	12 21	7 50
S 17	1 11	21 1	1 11	10 58	1 34	18 19	5 35	11 51	2 48	22 7	0 0	8 38	1 32	1 4	0 45	15 57	1 33	15 35	7 41	23 11	23 12	20 2	12 22	7 49
M18	0 47	18 9	2 10	10 31	1 39	18 36	5 44	11 49	2 49	22 7	0 0	8 39	1 32	1 5	0 45	15 58	1 33	15 36	7 41	23 11	23 12	20 0	12 23	7 49
T 19	0 23	14 31	3 3	10 3	1 44	18 52	5 54	11 47	2 49	22 7	0n 0	8 41	1 32	1 6	0 45	15 58	1 33	15 36	7 41	23 11	23 12	19 58	12 24	7 48
W20	0n 1	10 16	3 49	9 34	1 49	19 7	6 3	11 45	2 49	22 7	0 0	8 43	1 32	1 8	0 45	15 58	1 33	15 37	7 41	23 11	23 12	19 56	12 25	7 47
T 21	0 25	5 33	4 26	9 5	1 53	19 22	6 13	11 43	2 49	22 7	0 0	8 45	1 32	1 9	0 45	15 59	1 33	15 37	7 41	23 12	23 12	19 54	12 25	7 47
F 22	0 48	0 31	4 50	8 34	1 57	19 36	6 22	11 40	2 49	22 7	0 0	8 46	1 32	1 11	0 45	15 59	1 33	15 38	7 41	23 12	23 12	19 53	12 26	7 46
S 23	1 12	4s38	5 0	8 2	2 1	19 49	6 31	11 38	2 49	22 7	0 1	8 48	1 32	1 12	0 45	16 0	1 33	15 38	7 41	23 12	23 12	19 51	12 27	7 45
S 24	1 36	9 40	4 55	7 30	2 4	20 1	6 40	11 35	2 49	22 7	0 1	8 50	1 32	1 13	0 45	16 0	1 33	15 39	7 41	23 12	23 12	19 49	12 28	7 45
M25	2 0	14 21	4 33	6 56	2 7	20 12	6 49	11 31	2 49	22 6	0 1	8 51	1 32	1 15	0 45	16 1	1 33	15 39	7 41	23 13	23 12	19 47	12 29	7 44
T 26	2 23	18 23	3 57	6 21	2 9	20 22	6 58	11 28	2 49	22 6	0 1	8 53	1 32	1 16	0 45	16 1	1 33	15 40	7 41	23 13	23 12	19 45	12 30	7 43
W27	2 47	21 29	3 7	5 46	2 11	20 31	7 7	11 25	2 49	22 6	0 1	8 54	1 32	1 17	0 45	16 2	1 33	15 40	7 41	23 13	23 12	19 43	12 30	7 43
T 28	3 10	23 22	2 5	5 9	2 13	20 40	7 15	11 21	2 49	22 6	0 1	8 56	1 32	1 19	0 45	16 2	1 33	15 40	7 41	23 13	23 12	19 41	12 31	7 42
F 29	3 34	23 50	0 55	4 32	2 14	20 47	7 23	11 17	2 48	22 5	0 1	8 57	1 32	1 20	0 45	16 3	1 33	15 41	7 41	23 13	23 12	19 39	12 32	7 41
S 30	3 57	22 49	0n19	3 54	2 15	20 53	7 30	11 13	2 48	22 5	0 1	8 59	1 32	1 21	0 45	16 3	1 33	15 41	7 41	23 13	23 12	19 38	12 33	7 40
S 31	4n21	20s21	1n32	3s15	2s15	20n57	7n37	11s 8	2n48	22n 5	0n 1	9n 0	1n32	1n23	0s45	16n 4	1s33	15n42	7n41	23s13	23s12	19n36	12n33	7s40

Julian Day Number = 3067403.5, Delta T = 02h34m42s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'49, Lahiri = 47°29'49

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

APRIL 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 42 3	12♈ 5'04	3♒18	28♓41	6°R58	6°R55	17♋51	10°R24	5♈18	19♉57	7°R47	1°R30	1♏58	22♋34	29°R33	M 1
T 2	12 46 0	13° 5'10	17°32	0♈24	6♉47	6♏39	17°55	10♍20	5°21	19°59	7♍45	1♏26	1°55	22°40	29°D33	T 2
W 3	12 49 56	14° 5'15	1♓48	2° 7	6°33	6°23	17°59	10°16	5°24	20° 1	7°44	1°20	1°52	22°47	29♋33	W 3
T 4	12 53 53	15° 5'18	16° 2	3°51	6°18	6° 5	18° 4	10°13	5°28	20° 3	7°43	1°11	1°49	22°54	29°33	T 4
F 5	12 57 49	16° 5'19	0♈ 8	5°37	5°59	5°47	18° 8	10° 9	5°31	20° 5	7°42	1° 0	1°46	23° 0	29°34	F 5
S 6	13 1 46	17° 5'19	14° 2	7°24	5°39	5°28	18°13	10° 6	5°35	20° 7	7°41	0°47	1°43	23° 7	29°34	S 6
S 7	13 5 43	18° 5'16	27°40	9°11	5°16	5° 9	18°18	10° 2	5°38	20° 8	7°40	0°36	1°39	23°14	29°34	S 7
M 8	13 9 39	19° 5'12	10♉57	11° 0	4°51	4°49	18°23	9°59	5°41	20°10	7°39	0°25	1°36	23°20	29°35	M 8
T 9	13 13 36	20° 5'07	23°54	12°51	4°24	4°29	18°28	9°56	5°45	20°12	7°38	0°18	1°33	23°27	29°35	T 9
W10	13 17 32	21° 4'59	6♊30	14°42	3°55	4° 8	18°33	9°53	5°48	20°15	7°37	0°12	1°30	23°34	29°36	W10
T 11	13 21 29	22° 4'49	18°48	16°34	3°24	3°47	18°39	9°50	5°52	20°17	7°36	0°10	1°27	23°40	29°37	T 11
F 12	13 25 25	23° 4'37	0♋51	18°28	2°51	3°25	18°45	9°47	5°55	20°19	7°35	0°D 9	1°23	23°47	29°38	F 12
S 13	13 29 22	24° 4'23	12°45	20°23	2°18	3° 3	18°50	9°44	5°58	20°21	7°34	0°10	1°20	23°54	29°39	S 13
S 14	13 33 18	25° 4'07	24°33	22°19	1°43	2°41	18°56	9°42	6° 2	20°23	7°33	0°R10	1°17	24° 0	29°40	S 14
M15	13 37 15	26° 3'48	6♌23	24°16	1° 6	2°19	19° 3	9°39	6° 5	20°25	7°33	0° 9	1°14	24° 7	29°41	M15
T 16	13 41 11	27° 3'28	18°19	26°14	0°30	1°56	19° 9	9°36	6° 8	20°27	7°32	0° 7	1°11	24°14	29°43	T 16
W17	13 45 8	28° 3'05	0♍26	28°13	29♈52	1°33	19°15	9°34	6°11	20°29	7°31	0° 2	1° 8	24°20	29°44	W17
T 18	13 49 5	29° 2'40	12°48	0♉13	29°15	1° 9	19°22	9°32	6°15	20°31	7°30	29♐55	1° 4	24°27	29°45	T 18
F 19	13 53 1	0♉ 2'13	25°28	2°13	28°37	0°46	19°29	9°29	6°18	20°33	7°29	29°46	1° 1	24°34	29°47	F 19
S 20	13 56 58	1° 1'44	8♎28	4°15	28° 0	0°23	19°36	9°27	6°21	20°36	7°29	29°36	0°58	24°40	29°49	S 20
S 21	14 0 54	2° 1'12	21°48	6°17	27°23	29♎59	19°43	9°25	6°24	20°38	7°28	29°26	0°55	24°47	29°50	S 21
M22	14 4 51	3° 0'39	5♏25	8°19	26°46	29°36	19°50	9°23	6°28	20°40	7°27	29°16	0°52	24°53	29°52	M22
T 23	14 8 47	4° 0'04	19°18	10°21	26°11	29°12	19°58	9°22	6°31	20°42	7°26	29° 9	0°49	25° 0	29°54	T 23
W24	14 12 44	4°59'27	3♐21	12°23	25°37	28°49	20° 5	9°20	6°34	20°44	7°26	29° 4	0°45	25° 7	29°56	W24
T 25	14 16 40	5°58'49	17°31	14°25	25° 5	28°26	20°13	9°18	6°37	20°46	7°25	29° 1	0°42	25°13	29°58	T 25
F 26	14 20 37	6°58'08	1♑44	16°26	24°34	28° 3	20°21	9°17	6°40	20°49	7°25	29°D 1	0°39	25°20	0♌ 0	F 26
S 27	14 24 34	7°57'26	15°57	18°26	24° 5	27°40	20°29	9°15	6°43	20°51	7°24	29° 1	0°36	25°27	0° 3	S 27
S 28	14 28 30	8°56'43	0♒ 8	20°25	23°38	27°18	20°37	9°14	6°46	20°53	7°23	29° 2	0°33	25°33	0° 5	S 28
M29	14 32 27	9°55'57	14°16	22°22	23°13	26°56	20°45	9°13	6°49	20°55	7°23	29°R 3	0°29	25°40	0° 8	M29
T 30	14 36 23	10♉55'10	28♒19	24♉17	22♈50	26♎34	20♋53	9♍12	6♈52	20♉58	7♍22	29♐ 1	0♑26	25♋47	0♌10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n44	16s39	2n40	2s35	2s15	21n 1	7n44	11s 4	2n47	22n 4	0n 2	9n 2	1n32	1n24	0s45	16n 4	1s33	15n42	7n41	23s13	23s12	19n34	12n34	7s39
T 2	5 7	11 58	3 38	1 54	2 14	21 3	7 50	10 59	2 47	22 4	0 2	9 3	1 32	1 25	0 45	16 5	1 33	15 42	7 41	23 13	23 13	19 32	12 35	7 38
W 3	5 30	6 38	4 23	1 13	2 14	21 4	7 56	10 54	2 46	22 3	0 2	9 5	1 32	1 27	0 45	16 5	1 33	15 43	7 41	23 13	23 13	19 30	12 35	7 38
T 4	5 53	0 59	4 51	0 30	2 12	21 3	8 1	10 49	2 46	22 3	0 2	9 6	1 32	1 28	0 45	16 6	1 33	15 43	7 41	23 13	23 13	19 28	12 36	7 37
F 5	6 16	4n40	5 1	0n13	2 10	21 1	8 6	10 44	2 45	22 2	0 2	9 7	1 32	1 29	0 45	16 7	1 33	15 44	7 41	23 13	23 13	19 26	12 37	7 36
S 6	6 39	10 0	4 53	0 57	2 8	20 58	8 9	10 39	2 44	22 2	0 2	9 8	1 32	1 31	0 45	16 7	1 33	15 44	7 41	23 13	23 13	19 24	12 37	7 36
S 7	7 2	14 44	4 29	1 41	2 5	20 53	8 13	10 33	2 43	22 1	0 2	9 10	1 32	1 32	0 45	16 8	1 33	15 44	7 40	23 13	23 13	19 22	12 38	7 35
M 8	7 25	18 37	3 50	2 27	2 2	20 47	8 15	10 27	2 43	22 1	0 2	9 11	1 32	1 33	0 45	16 8	1 33	15 44	7 40	23 13	23 13	19 21	12 39	7 34
T 9	7 47	21 29	3 0	3 12	1 58	20 39	8 17	10 22	2 42	22 0	0 2	9 12	1 32	1 35	0 45	16 9	1 33	15 45	7 40	23 13	23 13	19 19	12 39	7 34
W10	8 9	23 13	2 2	3 59	1 54	20 30	8 18	10 16	2 41	22 0	0 3	9 13	1 32	1 36	0 45	16 9	1 33	15 45	7 40	23 13	23 13	19 17	12 40	7 33
T 11	8 31	23 45	1 0	4 46	1 49	20 20	8 18	10 10	2 40	21 59	0 3	9 14	1 32	1 37	0 45	16 10	1 33	15 45	7 40	23 13	23 13	19 15	12 40	7 32
F 12	8 53	23 9	0s 4	5 34	1 44	20 7	8 17	10 3	2 38	21 58	0 3	9 15	1 32	1 39	0 45	16 10	1 33	15 46	7 40	23 13	23 13	19 13	12 41	7 31
S 13	9 15	21 31	1 7	6 22	1 39	19 54	8 15	9 57	2 37	21 57	0 3	9 16	1 32	1 40	0 45	16 11	1 33	15 46	7 40	23 13	23 13	19 11	12 41	7 31
S 14	9 37	18 57	2 6	7 11	1 32	19 39	8 12	9 51	2 36	21 57	0 3	9 17	1 32	1 41	0 45	16 12	1 33	15 46	7 40	23 13	23 13	19 9	12 42	7 30
M15	9 59	15 35	3 1	8 0	1 26	19 23	8 9	9 45	2 35	21 56	0 3	9 18	1 32	1 43	0 45	16 12	1 33	15 46	7 40	23 13	23 13	19 7	12 42	7 29
T 16	10 20	11 35	3 48	8 49	1 18	19 6	8 4	9 38	2 33	21 55	0 3	9 19	1 32	1 44	0 45	16 13	1 33	15 47	7 40	23 13	23 13	19 5	12 42	7 29
W17	10 41	7 5	4 25	9 39	1 11	18 47	7 59	9 32	2 32	21 54	0 3	9 20	1 32	1 45	0 45	16 13	1 33	15 47	7 40	23 13	23 13	19 3	12 43	7 28
T 18	11 2	2 12	4 51	10 28	1 2	18 28	7 52	9 25	2 30	21 54	0 3	9 21	1 32	1 46	0 45	16 14	1 33	15 47	7 40	23 13	23 13	19 1	12 43	7 27
F 19	11 23	2s52	5 4	11 18	0 54	18 8	7 45	9 19	2 28	21 53	0 3	9 22	1 32	1 48	0 45	16 14	1 33	15 47	7 39	23 13	23 13	18 59	12 44	7 26
S 20	11 44	7 57	5 1	12 7	0 45	17 47	7 37	9 12	2 27	21 52	0 3	9 22	1 32	1 49	0 45	16 15	1 32	15 47	7 39	23 13	23 13	18 57	12 44	7 26
S 21	12 4	12 47	4 42	12 56	0 35	17 25	7 28	9 6	2 25	21 51	0 4	9 23	1 32	1 50	0 45	16 16	1 32	15 48	7 39	23 13	23 13	18 55	12 44	7 25
M22	12 24	17 5	4 7	13 45	0 25	17 3	7 19	9 0	2 23	21 50	0 4	9 24	1 32	1 51	0 45	16 16	1 32	15 48	7 39	23 13	23 13	18 53	12 45	7 24
T 23	12 44	20 32	3 16	14 34	0 15	16 40	7 8	8 53	2 21	21 49	0 4	9 24	1 31	1 53	0 45	16 17	1 32	15 48	7 39	23 13	23 13	18 51	12 45	7 24
W24	13 4	22 49	2 13	15 21	0 4	16 18	6 57	8 47	2 19	21 48	0 4	9 25	1 31	1 54	0 45	16 17	1 32	15 48	7 39	23 13	23 13	18 50	12 45	7 23
T 25	13 24	23 40	1 1	16 8	0n 7	15 55	6 46	8 41	2 17	21 47	0 4	9 25	1 31	1 55	0 45	16 18	1 32	15 48	7 39	23 13	23 13	18 48	12 45	7 22
F 26	13 43	22 58	0n15	16 53	0 18	15 32	6 33	8 34	2 15	21 46	0 4	9 26	1 31	1 56	0 45	16 18	1 32	15 48	7 39	23 13	23 13	18 46	12 46	7 22
S 27	14 2	20 47	1 30	17 38	0 29	15 10	6 21	8 28	2 13	21 45	0 4	9 26	1 31	1 57	0 45	16 19	1 32	15 49	7 39	23 13	23 13	18 44	12 46	7 21
S 28	14 21	17 20	2 40	18 21	0 41	14 47	6 8	8 22	2 11	21 44	0 4	9 27	1 31	1 59	0 45	16 20	1 32	15 49	7 39	23 13	23 13	18 42	12 46	7 20
M29	14 40	12 54	3 39	19 2	0 52	14 26	5 54	8 17	2 9	21 43	0 4	9 27	1 31	2 0	0 45	16 20	1 32	15 49	7 38	23 13	23 13	18 40	12 46	7 20
T 30	14n58	7s48	4n25	19n41	1n 3	14n 4	5n41	8s11	2n 7	21n41	0n 4	9n27	1n31	2n 1	0s45	16n21	1s32	15n49	7n38	23s13	23s13	18n38	12n46	7s19

Julian Day Number = 3067434.5, Delta T = 02h34m43s
Ecliptic obliquity = 23°13'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'53, Lahiri = 47°29'53

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

MAY 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 40 20	11♉54'22	12♓15	26♉ 9	22°R29	26°R12	21♋ 2	9°R11	6♈55	21♉ 0	7°R22	28°R58	0♏23	25♋53	0♌13	W 1
T 2	14 44 16	12°53'31	26° 4	27°58	22♈11	25♎51	21°10	9♍10	6°58	21° 2	7♍21	28♐52	0°20	26° 0	0°15	T 2
F 3	14 48 13	13°52'39	9♈43	29°44	21°55	25°31	21°19	9° 9	7° 1	21° 4	7°21	28°46	0°17	26° 7	0°18	F 3
S 4	14 52 9	14°51'45	23°10	1♊26	21°42	25°11	21°28	9° 8	7° 4	21° 7	7°21	28°38	0°14	26°13	0°21	S 4
S 5	14 56 6	15°50'49	6♉24	3° 5	21°31	24°51	21°37	9° 8	7° 7	21° 9	7°20	28°30	0°10	26°20	0°24	S 5
M 6	15 0 3	16°49'52	19°22	4°39	21°22	24°32	21°46	9° 7	7°10	21°11	7°20	28°24	0° 7	26°27	0°27	M 6
T 7	15 3 59	17°48'52	2♊ 4	6° 9	21°16	24°14	21°55	9° 7	7°13	21°13	7°20	28°19	0° 4	26°33	0°30	T 7
W 8	15 7 56	18°47'51	14°30	7°34	21°12	23°56	22° 4	9° 7	7°15	21°16	7°19	28°16	0° 1	26°40	0°33	W 8
T 9	15 11 52	19°46'47	26°43	8°53	21°D11	23°39	22°14	9° 7	7°18	21°18	7°19	28°D15	29♐58	26°47	0°37	T 9
F 10	15 15 49	20°45'42	8♋44	10° 8	21°12	23°22	22°23	9°D 7	7°21	21°20	7°19	28°16	29°55	26°53	0°40	F 10
S 11	15 19 45	21°44'34	20°36	11°18	21°15	23° 7	22°33	9° 7	7°24	21°23	7°18	28°17	29°51	27° 0	0°44	S 11
S 12	15 23 42	22°43'24	2♌25	12°22	21°21	22°52	22°43	9° 7	7°26	21°25	7°18	28°19	29°48	27° 7	0°47	S 12
M13	15 27 38	23°42'12	14°15	13°20	21°29	22°37	22°53	9° 7	7°29	21°27	7°18	28°20	29°45	27°13	0°51	M13
T 14	15 31 35	24°40'58	26°11	14°12	21°39	22°24	23° 3	9° 8	7°32	21°29	7°18	28°R21	29°42	27°20	0°54	T 14
W15	15 35 32	25°39'42	8♍18	14°59	21°51	22°11	23°13	9° 8	7°34	21°32	7°18	28°20	29°39	27°27	0°58	W15
T 16	15 39 28	26°38'23	20°41	15°40	22° 6	21°59	23°23	9° 9	7°37	21°34	7°18	28°18	29°35	27°33	1° 2	T 16
F 17	15 43 25	27°37'03	3♎23	16°15	22°22	21°48	23°33	9°10	7°39	21°36	7°18	28°14	29°32	27°40	1° 6	F 17
S 18	15 47 21	28°35'40	16°27	16°44	22°40	21°37	23°44	9°11	7°42	21°38	7°18	28°10	29°29	27°47	1°10	S 18
S 19	15 51 18	29°34'15	29°56	17° 7	23° 0	21°27	23°54	9°12	7°44	21°41	7°D18	28° 5	29°26	27°53	1°14	S 19
M20	15 55 14	0♊32'49	13♏47	17°25	23°22	21°18	24° 5	9°13	7°47	21°43	7°18	28° 1	29°23	28° 0	1°18	M20
T 21	15 59 11	1°31'20	27°58	17°36	23°46	21°10	24°15	9°14	7°49	21°45	7°18	27°58	29°20	28° 7	1°22	T 21
W22	16 3 7	2°29'50	12♐25	17°R42	24°11	21° 3	24°26	9°15	7°51	21°47	7°18	27°56	29°16	28°13	1°26	W22
T 23	16 7 4	3°28'18	27° 1	17°42	24°38	20°56	24°37	9°17	7°54	21°50	7°18	27°D55	29°13	28°20	1°31	T 23
F 24	16 11 1	4°26'45	11♑41	17°36	25° 6	20°50	24°48	9°18	7°56	21°52	7°18	27°56	29°10	28°27	1°35	F 24
S 25	16 14 57	5°25'10	26°17	17°25	25°37	20°45	24°59	9°20	7°58	21°54	7°18	27°57	29° 7	28°33	1°39	S 25
S 26	16 18 54	6°23'33	10♒47	17°10	26° 8	20°41	25°10	9°21	8° 0	21°56	7°18	27°58	29° 4	28°40	1°44	S 26
M27	16 22 50	7°21'55	25° 5	16°50	26°41	20°38	25°21	9°23	8° 2	21°59	7°19	27°59	29° 1	28°47	1°48	M27
T 28	16 26 47	8°20'15	9♓ 9	16°26	27°15	20°35	25°32	9°25	8° 5	22° 1	7°19	28°R 0	28°57	28°53	1°53	T 28
W29	16 30 43	9°18'34	22°58	15°58	27°51	20°33	25°44	9°27	8° 7	22° 3	7°19	27°59	28°54	29° 0	1°58	W29
T 30	16 34 40	10°16'51	6♈32	15°27	28°28	20°32	25°55	9°29	8° 9	22° 5	7°20	27°58	28°51	29° 7	2° 3	T 30
F 31	16 38 36	11♊15'07	19♈50	14♊54	29♈ 6	20°D31	26♋ 7	9♍31	8♈11	22♉ 7	7♍20	27♐56	28♐48	29♋13	2♌ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n16	2s21	4n55	20n19	1n14	13n44	5n27	8s 5	2n 5	21n40	0n 5	9n28	1n31	2n 2	0s45	16n21	1s32	15n49	7n38	23s13	23s13	18n36	12n46	7s18
T 2	15 34	3n10	5 8	20 54	1 25	13 24	5 13	8 0	2 2	21 39	0 5	9 28	1 31	2 3	0 45	16 22	1 32	15 49	7 38	23 13	23 13	18 34	12 47	7 18
F 3	15 52	8 28	5 3	21 28	1 35	13 5	4 58	7 55	2 0	21 38	0 5	9 28	1 31	2 4	0 45	16 23	1 32	15 49	7 38	23 13	23 13	18 32	12 47	7 17
S 4	16 9	13 16	4 41	21 59	1 45	12 46	4 44	7 50	1 58	21 36	0 5	9 28	1 31	2 6	0 45	16 23	1 32	15 49	7 38	23 13	23 13	18 30	12 47	7 16
S 5	16 26	17 22	4 4	22 28	1 55	12 29	4 30	7 45	1 55	21 35	0 5	9 29	1 31	2 7	0 45	16 24	1 32	15 49	7 38	23 13	23 13	18 28	12 47	7 16
M 6	16 43	20 33	3 15	22 54	2 4	12 13	4 16	7 40	1 53	21 34	0 5	9 29	1 31	2 8	0 45	16 24	1 32	15 49	7 38	23 13	23 13	18 26	12 47	7 15
T 7	16 59	22 38	2 17	23 18	2 12	11 57	4 1	7 36	1 50	21 32	0 5	9 29	1 30	2 9	0 45	16 25	1 32	15 49	7 37	23 13	23 13	18 24	12 47	7 14
W 8	17 15	23 34	1 14	23 40	2 19	11 43	3 47	7 32	1 48	21 31	0 5	9 29	1 30	2 10	0 45	16 26	1 32	15 49	7 37	23 13	23 13	18 22	12 47	7 14
T 9	17 31	23 19	0 8	23 59	2 26	11 29	3 33	7 28	1 46	21 30	0 5	9 29	1 30	2 11	0 45	16 26	1 32	15 49	7 37	23 13	23 13	18 20	12 47	7 13
F 10	17 47	22 0	0s57	24 16	2 32	11 17	3 19	7 24	1 43	21 28	0 5	9 29	1 30	2 12	0 45	16 27	1 32	15 49	7 37	23 13	23 13	18 18	12 47	7 13
S 11	18 2	19 42	1 59	24 31	2 36	11 6	3 6	7 21	1 41	21 27	0 5	9 28	1 30	2 13	0 45	16 27	1 32	15 49	7 37	23 13	23 13	18 16	12 46	7 12
S 12	18 17	16 35	2 56	24 43	2 40	10 55	2 52	7 17	1 38	21 25	0 5	9 28	1 30	2 14	0 45	16 28	1 32	15 49	7 37	23 13	23 13	18 13	12 46	7 11
M13	18 32	12 48	3 45	24 53	2 43	10 46	2 39	7 14	1 36	21 24	0 6	9 28	1 30	2 15	0 45	16 28	1 32	15 49	7 37	23 13	23 13	18 11	12 46	7 11
T 14	18 46	8 30	4 25	25 1	2 44	10 38	2 26	7 12	1 33	21 22	0 6	9 28	1 30	2 16	0 45	16 29	1 32	15 49	7 36	23 13	23 13	18 9	12 46	7 10
W15	19 0	3 49	4 54	25 7	2 45	10 30	2 13	7 9	1 31	21 20	0 6	9 28	1 30	2 17	0 45	16 30	1 32	15 49	7 36	23 13	23 13	18 7	12 46	7 10
T 16	19 14	1s 6	5 10	25 11	2 44	10 24	2 1	7 7	1 28	21 19	0 6	9 27	1 30	2 18	0 45	16 30	1 32	15 49	7 36	23 13	23 13	18 5	12 46	7 9
F 17	19 27	6 6	5 12	25 13	2 42	10 19	1 49	7 5	1 26	21 17	0 6	9 27	1 30	2 19	0 45	16 31	1 32	15 48	7 36	23 13	23 13	18 3	12 45	7 8
S 18	19 40	10 59	4 57	25 13	2 39	10 14	1 37	7 4	1 23	21 16	0 6	9 27	1 30	2 20	0 45	16 31	1 32	15 48	7 36	23 13	23 13	18 1	12 45	7 8
S 19	19 53	15 30	4 26	25 10	2 35	10 11	1 25	7 2	1 21	21 14	0 6	9 26	1 29	2 21	0 45	16 32	1 32	15 48	7 36	23 13	23 13	17 59	12 45	7 7
M20	20 5	19 19	3 39	25 6	2 29	10 9	1 14	7 1	1 18	21 12	0 6	9 26	1 29	2 22	0 45	16 32	1 32	15 48	7 36	23 12	23 13	17 57	12 45	7 7
T 21	20 17	22 5	2 37	25 1	2 22	10 7	1 3	7 1	1 16	21 10	0 6	9 25	1 29	2 23	0 45	16 33	1 32	15 48	7 36	23 12	23 13	17 55	12 44	7 6
W22	20 28	23 28	1 24	24 53	2 14	10 6	0 52	7 0	1 14	21 9	0 6	9 25	1 29	2 24	0 45	16 34	1 32	15 48	7 35	23 12	23 13	17 53	12 44	7 5
T 23	20 39	23 16	0 5	24 44	2 5	10 6	0 42	7 0	1 11	21 7	0 6	9 24	1 29	2 24	0 45	16 34	1 32	15 48	7 35	23 12	23 13	17 51	12 44	7 5
F 24	20 50	21 28	1n15	24 32	1 54	10 7	0 32	7 0	1 9	21 5	0 6	9 23	1 29	2 25	0 45	16 35	1 32	15 47	7 35	23 12	23 13	17 49	12 43	7 4
S 25	21 1	18 15	2 30	24 20	1 42	10 9	0 22	7 0	1 6	21 3	0 7	9 23	1 29	2 26	0 45	16 35	1 32	15 47	7 35	23 12	23 13	17 47	12 43	7 4
S 26	21 11	13 55	3 35	24 5	1 29	10 12	0 12	7 1	1 4	21 1	0 7	9 22	1 29	2 27	0 45	16 36	1 32	15 47	7 35	23 12	23 13	17 45	12 42	7 3
M27	21 21	8 52	4 25	23 49	1 15	10 15	0 3	7 2	1 2	20 59	0 7	9 21	1 29	2 28	0 45	16 36	1 32	15 47	7 35	23 12	23 13	17 43	12 42	7 3
T 28	21 30	3 27	4 59	23 32	1 0	10 19	0s 6	7 3	1 0	20 57	0 7	9 20	1 29	2 29	0 46	16 37	1 32	15 47	7 35	23 12	23 13	17 41	12 41	7 2
W29	21 39	2n 3	5 14	23 13	0 44	10 23	0 15	7 4	0 57	20 55	0 7	9 19	1 29	2 29	0 46	16 37	1 32	15 46	7 34	23 12	23 13	17 38	12 41	7 2
T 30	21 47	7 21	5 12	22 54	0 28	10 28	0 23	7 6	0 55	20 53	0 7	9 19	1 28	2 30	0 46	16 38	1 32	15 46	7 34	23 12	23 13	17 36	12 40	7 1
F 31	21n55	12n13	4n53	22n33	0n10	10n34	0s31	7s 8	0n53	20n51	0n 7	9n18	1n28	2n31	0s46	16n38	1s33	15n46	7n34	23s12	23s13	17n34	12n40	7s 1

Julian Day Number = 3067464.5, Delta T = 02h34m44s
Ecliptic obliquity = 23°13'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°22'57, Lahiri = 47°29'58

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

JUNE 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 42 33	12♊13'22	2♉55	14°R19	29♈45	20♎32	26♋18	9♍34	8♈13	22♉ 9	7♍20	27°R54	28♐45	29♋20	2♌12	S 1
S 2	16 46 30	13°11'35	15°45	13♊42	0♉25	20°33	26°30	9°36	8°15	22°12	7°21	27♐52	28°41	29°27	2°17	S 2
M 3	16 50 26	14° 9'47	28°21	13° 5	1° 7	20°34	26°41	9°39	8°16	22°14	7°21	27°50	28°38	29°33	2°22	M 3
T 4	16 54 23	15° 7'58	10♊46	12°28	1°49	20°37	26°53	9°41	8°18	22°16	7°21	27°48	28°35	29°40	2°27	T 4
W 5	16 58 19	16° 6'06	22°59	11°52	2°32	20°40	27° 5	9°44	8°20	22°18	7°22	27°D48	28°32	29°47	2°32	W 5
T 6	17 2 16	17° 4'14	5♋ 2	11°18	3°17	20°44	27°17	9°47	8°22	22°20	7°22	27°48	28°29	29°53	2°37	T 6
F 7	17 6 12	18° 2'19	16°58	10°45	4° 2	20°49	27°29	9°50	8°23	22°22	7°23	27°49	28°26	29°59	2°43	F 7
S 8	17 10 9	19° 0'23	28°48	10°14	4°48	20°54	27°41	9°53	8°25	22°24	7°23	27°49	28°22	0♌ 7	2°48	S 8
S 9	17 14 6	19°58'25	10♌37	9°47	5°35	21° 0	27°53	9°56	8°27	22°26	7°24	27°50	28°19	0°13	2°53	S 9
M10	17 18 2	20°56'26	22°27	9°23	6°22	21° 7	28° 5	9°59	8°28	22°28	7°25	27°51	28°16	0°20	2°59	M10
T 11	17 21 59	21°54'24	4♍23	9° 2	7°10	21°14	28°18	10° 2	8°30	22°30	7°25	27°52	28°13	0°27	3° 4	T 11
W12	17 25 55	22°52'21	16°29	8°46	8° 0	21°22	28°30	10° 6	8°31	22°32	7°26	27°52	28°10	0°33	3°10	W12
T 13	17 29 52	23°50'16	28°49	8°34	8°49	21°31	28°42	10° 9	8°33	22°34	7°27	27°R52	28° 7	0°40	3°15	T 13
F 14	17 33 48	24°48'10	11♎28	8°26	9°40	21°40	28°55	10°13	8°34	22°36	7°27	27°52	28° 3	0°47	3°21	F 14
S 15	17 37 45	25°46'02	24°30	8°D22	10°31	21°50	29° 7	10°17	8°35	22°38	7°28	27°51	28° 0	0°53	3°26	S 15
S 16	17 41 41	26°43'52	7♏57	8°23	11°23	22° 1	29°20	10°20	8°37	22°40	7°29	27°51	27°57	1° 0	3°32	S 16
M17	17 45 38	27°41'41	21°50	8°28	12°15	22°12	29°32	10°24	8°38	22°42	7°30	27°D51	27°54	1° 7	3°38	M17
T 18	17 49 35	28°39'29	6♐ 8	8°38	13° 8	22°23	29°45	10°28	8°39	22°44	7°30	27°51	27°51	1°13	3°43	T 18
W19	17 53 31	29°37'15	20°48	8°53	14° 2	22°35	29°57	10°32	8°40	22°46	7°31	27°R51	27°47	1°20	3°49	W19
T 20	17 57 28	0♋35'00	5♑42	9°12	14°56	22°48	0♌10	10°36	8°41	22°48	7°32	27°51	27°44	1°27	3°55	T 20
F 21	18 1 24	1°32'43	20°44	9°35	15°50	23° 1	0°23	10°40	8°42	22°50	7°33	27°51	27°41	1°33	4° 1	F 21
S 22	18 5 21	2°30'26	5♒45	10° 3	16°46	23°15	0°36	10°45	8°44	22°52	7°34	27°51	27°38	1°40	4° 7	S 22
S 23	18 9 17	3°28'07	20°36	10°34	17°41	23°30	0°49	10°49	8°44	22°54	7°35	27°50	27°35	1°47	4°13	S 23
M24	18 13 14	4°25'47	5♓11	11°10	18°37	23°45	1° 1	10°53	8°45	22°55	7°36	27°50	27°32	1°53	4°19	M24
T 25	18 17 10	5°23'27	19°26	11°50	19°34	24° 0	1°14	10°58	8°46	22°57	7°37	27°49	27°28	2° 0	4°25	T 25
W26	18 21 7	6°21'05	3♈19	12°33	20°31	24°16	1°27	11° 3	8°47	22°59	7°38	27°D49	27°25	2° 7	4°31	W26
T 27	18 25 4	7°18'43	16°49	13°21	21°28	24°32	1°40	11° 7	8°48	23° 1	7°39	27°49	27°22	2°13	4°37	T 27
F 28	18 29 0	8°16'20	29°57	14°12	22°26	24°49	1°53	11°12	8°49	23° 3	7°40	27°49	27°19	2°20	4°43	F 28
S 29	18 32 57	9°13'57	12♉47	15° 6	23°25	25° 6	2° 6	11°17	8°49	23° 4	7°41	27°50	27°16	2°27	4°49	S 29
S 30	18 36 53	10♋11'32	25♉20	16♊ 4	24♉23	25♎24	2♌20	11♍22	8♈50	23♉ 6	7♍42	27♐51	27♐13	2♌33	4♌55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	16n26	4n19	22n11	0s 7	10n40	0s39	7s10	0n51	20n49	0n 7	9n17	1n28	2n32	0s46	16n39	1s33	15n46	7n34	23s12	23s13	17n32	12n39	7s 0
S 2	22 11	19 47	3 32	21 50	0 25	10 47	0 47	7 12	0 48	20 47	0 7	9 16	1 28	2 32	0 46	16 40	1 33	15 45	7 34	23 12	23 13	17 30	12 39	7 0
M 3	22 18	22 9	2 36	21 27	0 43	10 55	0 54	7 15	0 46	20 45	0 7	9 15	1 28	2 33	0 46	16 40	1 33	15 45	7 34	23 12	23 13	17 28	12 38	6 59
T 4	22 24	23 23	1 33	21 5	1 0	11 2	1 1	7 18	0 44	20 43	0 7	9 14	1 28	2 34	0 46	16 41	1 33	15 45	7 34	23 12	23 13	17 26	12 37	6 59
W 5	22 30	23 29	0 27	20 43	1 18	11 11	1 8	7 21	0 42	20 40	0 7	9 13	1 28	2 34	0 46	16 41	1 33	15 44	7 33	23 12	23 13	17 24	12 37	6 58
T 6	22 36	22 28	0s40	20 22	1 35	11 19	1 15	7 24	0 40	20 38	0 8	9 11	1 28	2 35	0 46	16 42	1 33	15 44	7 33	23 12	23 13	17 22	12 36	6 58
F 7	22 41	20 26	1 44	20 1	1 51	11 29	1 21	7 28	0 38	20 36	0 8	9 10	1 28	2 36	0 46	16 42	1 33	15 44	7 33	23 12	23 13	17 20	12 35	6 58
S 8	22 46	17 32	2 44	19 41	2 7	11 38	1 27	7 32	0 36	20 34	0 8	9 9	1 28	2 36	0 46	16 43	1 33	15 44	7 33	23 12	23 13	17 17	12 35	6 57
S 9	22 51	13 57	3 36	19 23	2 22	11 48	1 33	7 36	0 34	20 31	0 8	9 8	1 28	2 37	0 46	16 43	1 33	15 43	7 33	23 12	23 13	17 15	12 34	6 57
M10	22 55	9 49	4 19	19 6	2 36	11 58	1 38	7 40	0 32	20 29	0 8	9 7	1 28	2 37	0 46	16 44	1 33	15 43	7 33	23 12	23 13	17 13	12 33	6 56
T 11	22 59	5 17	4 51	18 50	2 48	12 9	1 44	7 45	0 30	20 27	0 8	9 5	1 27	2 38	0 46	16 44	1 33	15 42	7 33	23 12	23 13	17 11	12 32	6 56
W12	23 2	0 30	5 11	18 36	3 0	12 20	1 49	7 50	0 28	20 24	0 8	9 4	1 27	2 39	0 46	16 45	1 33	15 42	7 33	23 12	23 13	17 9	12 32	6 55
T 13	23 5	4s24	5 18	18 23	3 11	12 31	1 54	7 55	0 26	20 22	0 8	9 3	1 27	2 39	0 46	16 45	1 33	15 42	7 32	23 12	23 13	17 7	12 31	6 55
F 14	23 7	9 14	5 9	18 12	3 21	12 42	1 58	8 0	0 24	20 20	0 8	9 1	1 27	2 40	0 46	16 46	1 33	15 41	7 32	23 12	23 12	17 5	12 30	6 55
S 15	23 9	13 49	4 44	18 3	3 29	12 54	2 3	8 5	0 23	20 17	0 8	9 0	1 27	2 40	0 46	16 46	1 33	15 41	7 32	23 12	23 12	17 3	12 29	6 54
S 16	23 11	17 52	4 3	17 56	3 37	13 6	2 7	8 11	0 21	20 15	0 8	8 58	1 27	2 41	0 46	16 46	1 33	15 41	7 32	23 12	23 12	17 0	12 28	6 54
M17	23 12	21 4	3 7	17 51	3 43	13 17	2 11	8 16	0 19	20 12	0 8	8 57	1 27	2 41	0 46	16 47	1 33	15 40	7 32	23 12	23 12	16 58	12 27	6 53
T 18	23 13	23 4	1 58	17 47	3 48	13 30	2 15	8 22	0 17	20 9	0 8	8 55	1 27	2 41	0 46	16 47	1 33	15 40	7 32	23 12	23 12	16 56	12 26	6 53
W19	23 13	23 33	0 39	17 45	3 52	13 42	2 19	8 28	0 15	20 7	0 9	8 54	1 27	2 42	0 46	16 48	1 33	15 39	7 32	23 12	23 12	16 54	12 26	6 53
T 20	23 13	22 23	0n43	17 45	3 55	13 54	2 22	8 35	0 14	20 4	0 9	8 52	1 27	2 42	0 46	16 48	1 33	15 39	7 31	23 12	23 12	16 52	12 25	6 52
F 21	23 13	19 36	2 4	17 47	3 57	14 7	2 25	8 41	0 12	20 2	0 9	8 50	1 27	2 43	0 46	16 49	1 33	15 38	7 31	23 12	23 12	16 50	12 24	6 52
S 22	23 12	15 30	3 15	17 50	3 58	14 19	2 28	8 48	0 10	19 59	0 9	8 49	1 27	2 43	0 46	16 49	1 33	15 38	7 31	23 12	23 12	16 48	12 23	6 52
S 23	23 11	10 29	4 13	17 54	3 58	14 32	2 31	8 54	0 9	19 56	0 9	8 47	1 27	2 43	0 46	16 50	1 33	15 38	7 31	23 12	23 12	16 45	12 22	6 51
M24	23 9	4 58	4 53	18 0	3 57	14 45	2 34	9 1	0 7	19 54	0 9	8 45	1 27	2 44	0 46	16 50	1 33	15 37	7 31	23 12	23 12	16 43	12 21	6 51
T 25	23 7	0n41	5 14	18 6	3 56	14 57	2 36	9 8	0 6	19 51	0 9	8 43	1 26	2 44	0 46	16 50	1 33	15 37	7 31	23 12	23 12	16 41	12 19	6 51
W26	23 4	6 9	5 16	18 14	3 53	15 10	2 39	9 16	0 4	19 48	0 9	8 42	1 26	2 44	0 47	16 51	1 33	15 36	7 31	23 12	23 12	16 39	12 18	6 50
T 27	23 1	11 10	5 0	18 23	3 50	15 23	2 41	9 23	0 2	19 45	0 9	8 40	1 26	2 45	0 47	16 51	1 33	15 36	7 31	23 12	23 12	16 37	12 17	6 50
F 28	22 58	15 33	4 29	18 33	3 46	15 35	2 43	9 31	0 1	19 43	0 9	8 38	1 26	2 45	0 47	16 52	1 33	15 35	7 31	23 12	23 12	16 35	12 16	6 50
S 29	22 54	19 6	3 45	18 44	3 41	15 48	2 44	9 38	0s 1	19 40	0 9	8 36	1 26	2 45	0 47	16 52	1 33	15 35	7 30	23 12	23 12	16 32	12 15	6 50
S 30	22n50	21n41	2n51	18n56	3s36	16n 1	2s46	9s46	0s 2	19n37	0n 9	8n34	1n26	2n45	0s47	16n52	1s33	15n34	7n30	23s12	23s12	16n30	12n14	6s49

Julian Day Number = 3067495.5, Delta T = 02h34m45s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'01, Lahiri = 47°30'02

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

JULY 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 40 50	11♋ 9'07	7♊40	17♊ 6	25♉22	25♎42	2♌33	11♍27	8♈51	23♉ 8	7♍43	27♐52	27♐ 9	2♌40	5♌ 1	M 1
T 2	18 44 46	12° 6'41	19°49	18°11	26°22	26° 1	2°46	11°32	8°51	23° 9	7°44	27°53	27° 6	2°47	5° 8	T 2
W 3	18 48 43	13° 4'15	1♌50	19°19	27°21	26°20	2°59	11°37	8°52	23°11	7°45	27°R53	27° 3	2°53	5°14	W 3
T 4	18 52 39	14° 1'47	13°45	20°30	28°21	26°39	3°12	11°42	8°52	23°13	7°46	27°53	27° 0	3° 0	5°20	T 4
F 5	18 56 36	14°59'19	25°36	21°44	29°22	26°59	3°26	11°47	8°52	23°14	7°48	27°51	26°57	3° 7	5°26	F 5
S 6	19 0 33	15°56'49	7♌25	23° 2	0♊22	27°20	3°39	11°53	8°53	23°16	7°49	27°49	26°53	3°13	5°33	S 6
S 7	19 4 29	16°54'19	19°14	24°22	1°23	27°40	3°52	11°58	8°53	23°17	7°50	27°46	26°50	3°20	5°39	S 7
M 8	19 8 26	17°51'47	1♍ 6	25°46	2°25	28° 1	4° 6	12° 4	8°53	23°19	7°51	27°43	26°47	3°27	5°46	M 8
T 9	19 12 22	18°49'15	13° 4	27°12	3°26	28°23	4°19	12° 9	8°53	23°20	7°52	27°40	26°44	3°33	5°52	T 9
W10	19 16 19	19°46'42	25°11	28°42	4°28	28°45	4°32	12°15	8°54	23°22	7°54	27°37	26°41	3°40	5°58	W10
T 11	19 20 15	20°44'08	7♎31	0♋14	5°30	29° 7	4°46	12°20	8°54	23°23	7°55	27°36	26°38	3°47	6° 5	T 11
F 12	19 24 12	21°41'33	20° 7	1°49	6°32	29°30	4°59	12°26	8°R54	23°24	7°56	27°D35	26°34	3°53	6°11	F 12
S 13	19 28 9	22°38'57	3♏ 3	3°27	7°35	29°53	5°13	12°32	8°54	23°26	7°58	27°35	26°31	4° 0	6°18	S 13
S 14	19 32 5	23°36'20	16°23	5° 9	8°38	0♏16	5°26	12°38	8°54	23°27	7°59	27°36	26°28	4° 7	6°24	S 14
M15	19 36 2	24°33'42	0♐10	6°53	9°41	0°40	5°40	12°44	8°54	23°28	8° 0	27°38	26°25	4°13	6°31	M15
T 16	19 39 58	25°31'04	14°23	8°39	10°44	1° 4	5°53	12°50	8°53	23°30	8° 2	27°39	26°22	4°20	6°38	T 16
W17	19 43 55	26°28'24	29° 1	10°29	11°47	1°28	6° 7	12°56	8°53	23°31	8° 3	27°R40	26°19	4°27	6°44	W17
T 18	19 47 51	27°25'45	13♑59	12°21	12°51	1°53	6°20	13° 2	8°53	23°32	8° 5	27°39	26°15	4°33	6°51	T 18
F 19	19 51 48	28°23'04	29°10	14°16	13°55	2°18	6°34	13° 8	8°53	23°33	8° 6	27°37	26°12	4°40	6°57	F 19
S 20	19 55 44	29°20'23	14♒25	16°13	14°59	2°43	6°47	13°14	8°52	23°35	8° 8	27°33	26° 9	4°47	7° 4	S 20
S 21	19 59 41	0♌17'42	29°33	18°13	16° 4	3° 9	7° 1	13°21	8°52	23°36	8° 9	27°29	26° 6	4°53	7°10	S 21
M22	20 3 38	1°15'00	14♓25	20°14	17° 8	3°34	7°14	13°27	8°52	23°37	8°11	27°24	26° 3	5° 0	7°17	M22
T 23	20 7 34	2°12'19	28°54	22°18	18°13	4° 1	7°28	13°33	8°51	23°38	8°12	27°20	25°59	5° 7	7°24	T 23
W24	20 11 31	3° 9'37	12♈56	24°24	19°18	4°27	7°42	13°40	8°51	23°39	8°14	27°17	25°56	5°13	7°30	W24
T 25	20 15 27	4° 6'55	26°29	26°31	20°23	4°54	7°55	13°46	8°50	23°40	8°15	27°15	25°53	5°20	7°37	T 25
F 26	20 19 24	5° 4'14	9♉37	28°40	21°28	5°21	8° 9	13°53	8°49	23°41	8°17	27°D15	25°50	5°27	7°44	F 26
S 27	20 23 20	6° 1'32	22°21	0♌49	22°34	5°48	8°22	13°59	8°49	23°42	8°18	27°16	25°47	5°33	7°50	S 27
S 28	20 27 17	6°58'51	4♊46	2°59	23°40	6°15	8°36	14° 6	8°48	23°43	8°20	27°18	25°44	5°40	7°57	S 28
M29	20 31 13	7°56'09	16°57	5°10	24°45	6°43	8°50	14°13	8°47	23°44	8°21	27°19	25°40	5°47	8° 4	M29
T 30	20 35 10	8°53'28	28°57	7°21	25°51	7°11	9° 3	14°19	8°46	23°45	8°23	27°R19	25°37	5°54	8°10	T 30
W31	20 39 7	9♌50'47	10♋50	9♌31	26♊58	7♏40	9♌17	14♍26	8♈46	23♉46	8♍25	27♐18	25♐34	6♌ 0	8♌17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n46	23n12	1n50	19n 8	3s29	16n13	2s48	9s54	0s 3	19n34	0n10	8n32	1n26	2n45	0s47	16n53	1s33	15n34	7n30	23s12	23s12	16n28	12n13	6s49
T 2	22 41	23 35	0 45	19 20	3 23	16 25	2 49	10 2	0 5	19 31	0 10	8 30	1 26	2 46	0 47	16 53	1 33	15 33	7 30	23 12	23 11	16 26	12 12	6 49
W 3	22 35	22 51	0s22	19 33	3 15	16 38	2 50	10 10	0 6	19 28	0 10	8 28	1 26	2 46	0 47	16 53	1 33	15 33	7 30	23 12	23 11	16 24	12 10	6 49
T 4	22 29	21 5	1 27	19 46	3 8	16 50	2 51	10 18	0 8	19 25	0 10	8 26	1 26	2 46	0 47	16 54	1 34	15 32	7 30	23 12	23 11	16 22	12 9	6 48
F 5	22 23	18 25	2 27	19 59	2 59	17 2	2 52	10 27	0 9	19 22	0 10	8 24	1 26	2 46	0 47	16 54	1 34	15 32	7 30	23 12	23 11	16 19	12 8	6 48
S 6	22 17	15 0	3 21	20 12	2 50	17 14	2 53	10 35	0 10	19 19	0 10	8 22	1 26	2 46	0 47	16 54	1 34	15 31	7 30	23 12	23 11	16 17	12 7	6 48
S 7	22 10	11 0	4 7	20 25	2 41	17 25	2 53	10 44	0 12	19 16	0 10	8 20	1 26	2 46	0 47	16 55	1 34	15 30	7 30	23 12	23 11	16 15	12 5	6 48
M 8	22 3	6 35	4 42	20 38	2 31	17 37	2 54	10 53	0 13	19 13	0 10	8 18	1 26	2 46	0 47	16 55	1 34	15 30	7 30	23 12	23 11	16 13	12 4	6 47
T 9	21 55	1 54	5 5	20 51	2 21	17 48	2 54	11 2	0 14	19 10	0 10	8 16	1 26	2 46	0 47	16 55	1 34	15 29	7 30	23 12	23 11	16 11	12 3	6 47
W10	21 47	2s55	5 14	21 2	2 11	17 59	2 54	11 10	0 16	19 7	0 10	8 14	1 26	2 46	0 47	16 56	1 34	15 29	7 29	23 12	23 11	16 8	12 1	6 47
T 11	21 38	7 42	5 10	21 14	2 0	18 10	2 54	11 19	0 17	19 4	0 10	8 11	1 26	2 46	0 47	16 56	1 34	15 28	7 29	23 12	23 11	16 6	12 0	6 47
F 12	21 30	12 17	4 51	21 24	1 49	18 21	2 54	11 29	0 18	19 1	0 10	8 9	1 26	2 46	0 47	16 56	1 34	15 28	7 29	23 12	23 11	16 4	11 59	6 47
S 13	21 20	16 26	4 17	21 33	1 37	18 31	2 54	11 38	0 19	18 58	0 11	8 7	1 25	2 46	0 47	16 57	1 34	15 27	7 29	23 12	23 11	16 2	11 57	6 47
S 14	21 11	19 54	3 28	21 42	1 26	18 41	2 53	11 47	0 20	18 55	0 11	8 5	1 25	2 46	0 47	16 57	1 34	15 27	7 29	23 12	23 11	16 0	11 56	6 46
M15	21 1	22 22	2 25	21 49	1 14	18 51	2 53	11 56	0 22	18 51	0 11	8 2	1 25	2 46	0 47	16 57	1 34	15 26	7 29	23 12	23 10	15 57	11 54	6 46
T 16	20 51	23 31	1 12	21 54	1 2	19 1	2 52	12 6	0 23	18 48	0 11	8 0	1 25	2 46	0 47	16 58	1 34	15 25	7 29	23 12	23 10	15 55	11 53	6 46
W17	20 40	23 6	0n 7	21 58	0 51	19 10	2 51	12 15	0 24	18 45	0 11	7 58	1 25	2 46	0 47	16 58	1 34	15 25	7 29	23 12	23 10	15 53	11 52	6 46
T 18	20 29	21 2	1 28	22 1	0 39	19 19	2 51	12 25	0 25	18 42	0 11	7 55	1 25	2 46	0 47	16 58	1 34	15 24	7 29	23 12	23 10	15 51	11 50	6 46
F 19	20 18	17 28	2 44	22 1	0 27	19 27	2 50	12 34	0 26	18 38	0 11	7 53	1 25	2 46	0 47	16 58	1 34	15 24	7 29	23 12	23 10	15 48	11 49	6 46
S 20	20 6	12 43	3 48	22 0	0 15	19 36	2 49	12 44	0 27	18 35	0 11	7 51	1 25	2 46	0 47	16 59	1 34	15 23	7 29	23 12	23 10	15 46	11 47	6 46
S 21	19 54	7 12	4 36	21 56	0 4	19 43	2 47	12 54	0 28	18 32	0 11	7 48	1 25	2 45	0 47	16 59	1 34	15 22	7 29	23 12	23 10	15 44	11 46	6 46
M22	19 42	1 24	5 4	21 50	0n 7	19 51	2 46	13 3	0 29	18 29	0 11	7 46	1 25	2 45	0 47	16 59	1 34	15 22	7 29	23 12	23 10	15 42	11 44	6 46
T 23	19 29	4n20	5 12	21 42	0 18	19 58	2 45	13 13	0 30	18 25	0 11	7 43	1 25	2 45	0 48	16 59	1 34	15 21	7 29	23 12	23 10	15 39	11 43	6 45
W24	19 16	9 41	5 1	21 31	0 29	20 5	2 43	13 23	0 31	18 22	0 11	7 41	1 25	2 45	0 48	16 59	1 34	15 20	7 29	23 12	23 10	15 37	11 41	6 45
T 25	19 3	14 22	4 33	21 18	0 39	20 11	2 42	13 33	0 33	18 18	0 12	7 38	1 25	2 44	0 48	17 0	1 35	15 20	7 28	23 12	23 10	15 35	11 39	6 45
F 26	18 50	18 13	3 51	21 2	0 48	20 17	2 40	13 43	0 34	18 15	0 12	7 36	1 25	2 44	0 48	17 0	1 35	15 19	7 28	23 12	23 9	15 33	11 38	6 45
S 27	18 36	21 4	2 59	20 43	0 57	20 23	2 38	13 53	0 35	18 12	0 12	7 33	1 25	2 44	0 48	17 0	1 35	15 19	7 28	23 12	23 9	15 31	11 36	6 45
S 28	18 22	22 52	2 0	20 22	1 5	20 28	2 36	14 3	0 35	18 8	0 12	7 31	1 25	2 44	0 48	17 0	1 35	15 18	7 28	23 12	23 9	15 28	11 35	6 45
M29	18 7	23 31	0 56	19 59	1 13	20 33	2 35	14 13	0 36	18 5	0 12	7 28	1 25	2 43	0 48	17 0	1 35	15 17	7 28	23 12	23 9	15 26	11 33	6 45
T 30	17 52	23 4	0s 9	19 33	1 20	20 37	2 33	14 23	0 37	18 1	0 12	7 26	1 25	2 43	0 48	17 1	1 35	15 17	7 28	23 12	23 9	15 24	11 31	6 45
W31	17n37	21n35	1s13	19n 5	1n26	20n41	2s30	14s33	0s38	17n58	0n12	7n23	1n25	2n43	0s48	17n 1	1s35	15n16	7n28	23s12	23s 9	15n22	11n30	6s45

Julian Day Number = 3067525.5, Delta T = 02h34m46s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'06, Lahiri = 47°30'06

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

AUGUST 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 43 3	10♌48'06	22♋39	11♌42	28♊ 4	8♏ 8	9♌30	14♍33	8°R45	23♉47	8♍26	27°R15	25♐31	6♌ 7	8♌24	T 1
F 2	20 47 0	11°45'25	4♌27	13°51	29°10	8°37	9°44	14°40	8♈44	23°47	8°28	27♐10	25°28	6°14	8°30	F 2
S 3	20 50 56	12°42'43	16°17	16° 0	0♋17	9° 6	9°58	14°47	8°43	23°48	8°30	27° 3	25°25	6°20	8°37	S 3
S 4	20 54 53	13°40'02	28°10	18° 8	1°24	9°36	10°11	14°54	8°42	23°49	8°31	26°55	25°21	6°27	8°44	S 4
M 5	20 58 49	14°37'21	10♍ 7	20°14	2°31	10° 5	10°25	15° 1	8°41	23°49	8°33	26°46	25°18	6°34	8°50	M 5
T 6	21 2 46	15°34'40	22°12	22°19	3°38	10°35	10°38	15° 8	8°40	23°50	8°35	26°38	25°15	6°40	8°57	T 6
W 7	21 6 42	16°31'58	4♎24	24°23	4°45	11° 5	10°52	15°15	8°38	23°51	8°36	26°30	25°12	6°47	9° 4	W 7
T 8	21 10 39	17°29'17	16°48	26°25	5°52	11°35	11° 6	15°22	8°37	23°51	8°38	26°24	25° 9	6°54	9°10	T 8
F 9	21 14 36	18°26'35	29°26	28°26	6°59	12° 6	11°19	15°29	8°36	23°52	8°40	26°20	25° 5	7° 0	9°17	F 9
S 10	21 18 32	19°23'54	12♏20	0♍24	8° 7	12°36	11°33	15°36	8°35	23°52	8°41	26°18	25° 2	7° 7	9°24	S 10
S 11	21 22 29	20°21'13	25°34	2°21	9°15	13° 7	11°46	15°43	8°33	23°53	8°43	26°D18	24°59	7°14	9°30	S 11
M12	21 26 25	21°18'31	9♐12	4°16	10°22	13°38	12° 0	15°50	8°32	23°53	8°45	26°19	24°56	7°20	9°37	M12
T 13	21 30 22	22°15'50	23°13	6° 9	11°30	14°10	12°13	15°58	8°31	23°54	8°47	26°R20	24°53	7°27	9°43	T 13
W14	21 34 18	23°13'09	7♑40	8° 1	12°38	14°41	12°27	16° 5	8°29	23°54	8°48	26°19	24°50	7°34	9°50	W14
T 15	21 38 15	24°10'27	22°29	9°51	13°46	15°13	12°40	16°12	8°28	23°55	8°50	26°17	24°46	7°40	9°57	T 15
F 16	21 42 11	25° 7'46	7♒34	11°38	14°55	15°45	12°53	16°19	8°26	23°55	8°52	26°12	24°43	7°47	10° 3	F 16
S 17	21 46 8	26° 5'06	22°47	13°24	16° 3	16°17	13° 7	16°27	8°25	23°55	8°54	26° 5	24°40	7°54	10°10	S 17
S 18	21 50 5	27° 2'25	7♓59	15° 9	17°11	16°49	13°20	16°34	8°23	23°56	8°56	25°57	24°37	8° 0	10°16	S 18
M19	21 54 1	27°59'45	22°57	16°51	18°20	17°22	13°34	16°42	8°21	23°56	8°57	25°48	24°34	8° 7	10°23	M19
T 20	21 57 58	28°57'06	7♈34	18°31	19°29	17°54	13°47	16°49	8°20	23°56	8°59	25°39	24°30	8°14	10°29	T 20
W21	22 1 54	29°54'27	21°44	20°10	20°38	18°27	14° 0	16°56	8°18	23°56	9° 1	25°32	24°27	8°20	10°36	W21
T 22	22 5 51	0♍51'50	5♉24	21°47	21°46	19° 0	14°14	17° 4	8°16	23°56	9° 3	25°27	24°24	8°27	10°42	T 22
F 23	22 9 47	1°49'13	18°35	23°22	22°55	19°33	14°27	17°11	8°15	23°56	9° 5	25°24	24°21	8°34	10°49	F 23
S 24	22 13 44	2°46'37	1♊20	24°56	24° 5	20° 7	14°40	17°19	8°13	23°57	9° 6	25°D24	24°18	8°41	10°55	S 24
S 25	22 17 40	3°44'02	13°44	26°28	25°14	20°40	14°53	17°26	8°11	23°57	9° 8	25°24	24°15	8°47	11° 1	S 25
M26	22 21 37	4°41'29	25°52	27°57	26°23	21°14	15° 6	17°34	8° 9	23°R57	9°10	25°R24	24°11	8°54	11° 8	M26
T 27	22 25 34	5°38'56	7♋48	29°25	27°33	21°48	15°20	17°42	8° 7	23°57	9°12	25°23	24° 8	9° 1	11°14	T 27
W28	22 29 30	6°36'24	19°38	0♎52	28°42	22°22	15°33	17°49	8° 5	23°57	9°14	25°21	24° 5	9° 7	11°20	W28
T 29	22 33 27	7°33'53	1♌26	2°16	29°52	22°56	15°46	17°57	8° 3	23°56	9°15	25°16	24° 2	9°14	11°27	T 29
F 30	22 37 23	8°31'22	13°15	3°38	1♌ 2	23°31	15°59	18° 4	8° 1	23°56	9°17	25° 8	23°59	9°21	11°33	F 30
S 31	22 41 20	9♍28'53	25♌ 9	4♎59	2♌11	24♏ 5	16♌12	18♍12	7♈59	23♉56	9♍19	24♐58	23♐56	9♌27	11♌39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n22	19n 9	2s13	18n35	1n31	20n44	2s28	14s43	0s39	17n54	0n12	7n20	1n25	2n42	0s48	17n 1	1s35	15n15	7n28	23s12	23s 9	15n19	11n28	6s45
F 2	17 6	15 56	3 7	18 3	1 36	20 47	2 26	14 53	0 40	17 51	0 12	7 18	1 25	2 42	0 48	17 1	1 35	15 15	7 28	23 12	23 9	15 17	11 27	6 45
S 3	16 50	12 6	3 53	17 29	1 40	20 50	2 24	15 3	0 41	17 47	0 12	7 15	1 25	2 41	0 48	17 1	1 35	15 14	7 28	23 11	23 9	15 15	11 25	6 45
S 4	16 34	7 47	4 30	16 53	1 43	20 52	2 21	15 13	0 42	17 44	0 12	7 12	1 25	2 41	0 48	17 1	1 35	15 14	7 28	23 11	23 8	15 12	11 23	6 45
M 5	16 18	3 9	4 54	16 16	1 45	20 53	2 19	15 23	0 43	17 40	0 12	7 10	1 25	2 40	0 48	17 1	1 35	15 13	7 28	23 11	23 8	15 10	11 21	6 45
T 6	16 1	1s37	5 6	15 38	1 47	20 54	2 16	15 33	0 44	17 37	0 13	7 7	1 25	2 40	0 48	17 1	1 35	15 12	7 28	23 11	23 8	15 8	11 20	6 45
W 7	15 44	6 24	5 4	14 58	1 47	20 55	2 14	15 43	0 45	17 33	0 13	7 4	1 25	2 40	0 48	17 2	1 35	15 12	7 28	23 11	23 8	15 6	11 18	6 45
T 8	15 27	10 59	4 48	14 17	1 47	20 55	2 11	15 53	0 45	17 30	0 13	7 2	1 25	2 39	0 48	17 2	1 35	15 11	7 28	23 10	23 8	15 3	11 16	6 45
F 9	15 10	15 11	4 18	13 35	1 47	20 54	2 8	16 4	0 46	17 26	0 13	6 59	1 25	2 39	0 48	17 2	1 35	15 10	7 28	23 10	23 8	15 1	11 15	6 45
S 10	14 52	18 47	3 34	12 52	1 45	20 53	2 6	16 14	0 47	17 22	0 13	6 56	1 25	2 38	0 48	17 2	1 35	15 10	7 28	23 10	23 8	14 59	11 13	6 45
S 11	14 34	21 32	2 37	12 9	1 43	20 52	2 3	16 24	0 48	17 19	0 13	6 53	1 25	2 37	0 48	17 2	1 35	15 9	7 28	23 10	23 8	14 57	11 11	6 46
M12	14 16	23 7	1 31	11 25	1 41	20 50	2 0	16 34	0 49	17 15	0 13	6 51	1 25	2 37	0 48	17 2	1 35	15 8	7 28	23 10	23 8	14 54	11 9	6 46
T 13	13 58	23 20	0 17	10 41	1 37	20 47	1 57	16 44	0 49	17 11	0 13	6 48	1 25	2 36	0 48	17 2	1 36	15 8	7 28	23 10	23 7	14 52	11 7	6 46
W14	13 39	22 0	1n 0	9 56	1 34	20 44	1 54	16 54	0 50	17 8	0 13	6 45	1 25	2 36	0 48	17 2	1 36	15 7	7 28	23 10	23 7	14 50	11 6	6 46
T 15	13 21	19 9	2 15	9 11	1 29	20 41	1 51	17 4	0 51	17 4	0 13	6 42	1 25	2 35	0 48	17 2	1 36	15 6	7 28	23 10	23 7	14 47	11 4	6 46
F 16	13 2	14 57	3 22	8 26	1 25	20 37	1 48	17 14	0 52	17 0	0 14	6 39	1 25	2 35	0 48	17 2	1 36	15 6	7 28	23 10	23 7	14 45	11 2	6 46
S 17	12 43	9 46	4 15	7 41	1 19	20 32	1 45	17 24	0 52	16 57	0 14	6 37	1 25	2 34	0 48	17 2	1 36	15 5	7 28	23 10	23 7	14 43	11 0	6 46
S 18	12 23	4 1	4 49	6 56	1 13	20 27	1 42	17 34	0 53	16 53	0 14	6 34	1 25	2 33	0 48	17 2	1 36	15 4	7 28	23 10	23 7	14 41	10 58	6 46
M19	12 4	1n53	5 4	6 11	1 7	20 21	1 38	17 43	0 54	16 49	0 14	6 31	1 25	2 33	0 48	17 2	1 36	15 4	7 28	23 9	23 7	14 38	10 57	6 46
T 20	11 44	7 32	4 58	5 26	1 1	20 15	1 35	17 53	0 54	16 46	0 14	6 28	1 25	2 32	0 48	17 2	1 36	15 3	7 28	23 9	23 7	14 36	10 55	6 47
W21	11 24	12 37	4 33	4 41	0 54	20 8	1 32	18 3	0 55	16 42	0 14	6 25	1 25	2 31	0 48	17 2	1 36	15 2	7 28	23 9	23 6	14 34	10 53	6 47
T 22	11 4	16 53	3 54	3 56	0 46	20 1	1 29	18 13	0 56	16 38	0 14	6 22	1 25	2 31	0 48	17 2	1 36	15 2	7 28	23 9	23 6	14 31	10 51	6 47
F 23	10 44	20 8	3 3	3 12	0 39	19 53	1 25	18 22	0 57	16 35	0 14	6 19	1 25	2 30	0 48	17 2	1 36	15 1	7 28	23 9	23 6	14 29	10 49	6 47
S 24	10 23	22 17	2 5	2 28	0 31	19 45	1 22	18 32	0 57	16 31	0 14	6 17	1 25	2 29	0 48	17 2	1 36	15 1	7 28	23 9	23 6	14 27	10 47	6 47
S 25	10 3	23 16	1 2	1 44	0 22	19 36	1 19	18 41	0 58	16 27	0 14	6 14	1 25	2 28	0 48	17 2	1 36	15 0	7 29	23 9	23 6	14 24	10 46	6 48
M26	9 42	23 7	0s 2	1 1	0 14	19 27	1 15	18 51	0 59	16 23	0 14	6 11	1 25	2 28	0 48	17 2	1 36	14 59	7 29	23 9	23 6	14 22	10 44	6 48
T 27	9 21	21 54	1 6	0 18	0 5	19 17	1 12	19 0	0 59	16 20	0 15	6 8	1 25	2 27	0 49	17 2	1 36	14 59	7 29	23 9	23 6	14 20	10 42	6 48
W28	9 0	19 44	2 5	0s24	0s 4	19 7	1 9	19 10	1 0	16 16	0 15	6 5	1 25	2 26	0 49	17 2	1 36	14 58	7 29	23 8	23 5	14 17	10 40	6 48
T 29	8 39	16 45	2 59	1 6	0 13	18 56	1 5	19 19	1 0	16 12	0 15	6 2	1 25	2 25	0 49	17 2	1 36	14 57	7 29	23 8	23 5	14 15	10 38	6 48
F 30	8 18	13 5	3 45	1 47	0 23	18 44	1 2	19 28	1 1	16 8	0 15	5 59	1 25	2 25	0 49	17 2	1 36	14 57	7 29	23 8	23 5	14 13	10 36	6 49
S 31	7n57	8n54	4s22	2s27	0s32	18n33	0s59	19s37	1s 2	16n 5	0n15	5n56	1n25	2n24	0s49	17n 2	1s37	14n56	7n29	23s 8	23s 5	14n11	10n34	6s49

Julian Day Number = 3067556.5, Delta T = 02h34m46s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'10, Lahiri = 47°30'10

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

SEPTEMBER 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 45 16	10♍26'25	7♍ 8	6♎18	3♌21	24♏40	16♌25	18♍20	7°R57	23°R56	9♍21	24°R45	23♐52	9♌34	11♌45	S 1
M 2	22 49 13	11°23'58	19°15	7°34	4°31	25°15	16°38	18°27	7♈55	23♉56	9°23	24♐32	23°49	9°41	11°52	M 2
T 3	22 53 9	12°21'31	1♎30	8°49	5°42	25°50	16°50	18°35	7°53	23°56	9°24	24°19	23°46	9°47	11°58	T 3
W 4	22 57 6	13°19'05	13°55	10° 1	6°52	26°25	17° 3	18°42	7°51	23°55	9°26	24° 7	23°43	9°54	12° 4	W 4
T 5	23 1 3	14°16'40	26°30	11°11	8° 2	27° 1	17°16	18°50	7°49	23°55	9°28	23°58	23°40	10° 1	12°10	T 5
F 6	23 4 59	15°14'16	9♏17	12°19	9°12	27°36	17°29	18°58	7°47	23°55	9°30	23°51	23°36	10° 7	12°16	F 6
S 7	23 8 56	16°11'53	22°16	13°25	10°23	28°12	17°42	19° 5	7°45	23°54	9°32	23°47	23°33	10°14	12°22	S 7
S 8	23 12 52	17° 9'31	5♐32	14°28	11°33	28°48	17°54	19°13	7°43	23°54	9°34	23°46	23°30	10°21	12°28	S 8
M 9	23 16 49	18° 7'09	19° 5	15°29	12°44	29°24	18° 7	19°21	7°40	23°53	9°35	23°45	23°27	10°27	12°34	M 9
T 10	23 20 45	19° 4'49	2♑57	16°26	13°55	0♐ 0	18°19	19°28	7°38	23°53	9°37	23°45	23°24	10°34	12°40	T 10
W11	23 24 42	20° 2'29	17°10	17°21	15° 5	0°36	18°32	19°36	7°36	23°52	9°39	23°44	23°21	10°41	12°46	W11
T 12	23 28 38	21° 0'10	1♒42	18°13	16°16	1°13	18°44	19°44	7°34	23°52	9°41	23°41	23°17	10°48	12°51	T 12
F 13	23 32 35	21°57'51	16°30	19° 2	17°27	1°49	18°57	19°52	7°31	23°51	9°43	23°35	23°14	10°54	12°57	F 13
S 14	23 36 32	22°55'34	1♓27	19°48	18°38	2°26	19° 9	19°59	7°29	23°51	9°44	23°26	23°11	11° 1	13° 3	S 14
S 15	23 40 28	23°53'18	16°25	20°30	19°49	3° 3	19°21	20° 7	7°27	23°50	9°46	23°16	23° 8	11° 8	13° 9	S 15
M16	23 44 25	24°51'03	1♈16	21° 8	21° 0	3°40	19°33	20°15	7°24	23°49	9°48	23° 4	23° 5	11°14	13°14	M16
T 17	23 48 21	25°48'49	15°48	21°43	22°12	4°17	19°46	20°22	7°22	23°49	9°50	22°54	23° 2	11°21	13°20	T 17
W18	23 52 18	26°46'37	29°58	22°13	23°23	4°54	19°58	20°30	7°20	23°48	9°51	22°44	22°58	11°28	13°25	W18
T 19	23 56 14	27°44'26	13♉40	22°39	24°35	5°31	20°10	20°37	7°17	23°47	9°53	22°38	22°55	11°34	13°31	T 19
F 20	0 0 11	28°42'17	26°54	23° 0	25°46	6° 9	20°22	20°45	7°15	23°47	9°55	22°33	22°52	11°41	13°36	F 20
S 21	0 4 7	29°40'10	9♊42	23°17	26°58	6°47	20°34	20°53	7°13	23°46	9°57	22°32	22°49	11°48	13°42	S 21
S 22	0 8 4	0♎38'04	22° 8	23°28	28° 9	7°24	20°45	21° 0	7°10	23°45	9°58	22°D31	22°46	11°54	13°47	S 22
M23	0 12 0	1°36'00	4♋17	23°34	29°21	8° 2	20°57	21° 8	7° 8	23°44	10° 0	22°R31	22°42	12° 1	13°52	M23
T 24	0 15 57	2°33'58	16°14	23°R34	0♍33	8°40	21° 9	21°16	7° 6	23°43	10° 2	22°31	22°39	12° 8	13°57	T 24
W25	0 19 54	3°31'57	28° 5	23°28	1°45	9°18	21°21	21°23	7° 3	23°42	10° 3	22°28	22°36	12°14	14° 3	W25
T 26	0 23 50	4°29'58	9♌54	23°16	2°57	9°57	21°32	21°31	7° 1	23°41	10° 5	22°24	22°33	12°21	14° 8	T 26
F 27	0 27 47	5°28'00	21°46	22°58	4° 9	10°35	21°44	21°38	6°58	23°40	10° 7	22°16	22°30	12°28	14°13	F 27
S 28	0 31 43	6°26'05	3♍44	22°34	5°21	11°14	21°55	21°46	6°56	23°39	10° 9	22° 6	22°27	12°35	14°18	S 28
S 29	0 35 40	7°24'11	15°51	22° 4	6°33	11°52	22° 6	21°53	6°54	23°38	10°10	21°55	22°23	12°41	14°23	S 29
M30	0 39 36	8♎22'18	28♍ 9	21♎27	7♍45	12♐31	22♌18	22♍ 1	6♈51	23♉37	10♍12	21♐42	22♐20	12♌48	14♌28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n35	4n22	4s47	3s 7	0s42	18n20	0s55	19s46	1s 2	16n 1	0n15	5n53	1n25	2n23	0s49	17n 1	1s37	14n55	7n29	23s 7	23s 5	14n 8	10n32	6s49
M 2	7 14	0s23	4 59	3 47	0 52	18 7	0 52	19 55	1 3	15 57	0 15	5 50	1 25	2 22	0 49	17 1	1 37	14 55	7 29	23 7	23 5	14 6	10 31	6 49
T 3	6 52	5 10	4 58	4 25	1 2	17 54	0 48	20 4	1 3	15 53	0 15	5 47	1 26	2 21	0 49	17 1	1 37	14 54	7 29	23 6	23 5	14 4	10 29	6 50
W 4	6 30	9 48	4 43	5 3	1 12	17 40	0 45	20 13	1 4	15 50	0 15	5 45	1 26	2 20	0 49	17 1	1 37	14 54	7 29	23 6	23 4	14 1	10 27	6 50
T 5	6 8	14 5	4 14	5 39	1 23	17 26	0 41	20 22	1 4	15 46	0 15	5 42	1 26	2 20	0 49	17 1	1 37	14 53	7 29	23 5	23 4	13 59	10 25	6 50
F 6	5 46	17 48	3 32	6 15	1 33	17 11	0 38	20 30	1 5	15 42	0 16	5 39	1 26	2 19	0 49	17 1	1 37	14 52	7 29	23 5	23 4	13 57	10 23	6 51
S 7	5 24	20 43	2 38	6 50	1 43	16 55	0 35	20 39	1 5	15 38	0 16	5 36	1 26	2 18	0 49	17 1	1 37	14 52	7 29	23 5	23 4	13 54	10 21	6 51
S 8	5 2	22 35	1 35	7 24	1 54	16 40	0 31	20 47	1 6	15 35	0 16	5 33	1 26	2 17	0 49	17 1	1 37	14 51	7 30	23 5	23 4	13 52	10 19	6 51
M 9	4 39	23 11	0 25	7 57	2 4	16 23	0 28	20 55	1 7	15 31	0 16	5 30	1 26	2 16	0 49	17 0	1 37	14 51	7 30	23 5	23 4	13 50	10 17	6 52
T 10	4 17	22 23	0n48	8 29	2 14	16 7	0 24	21 4	1 7	15 27	0 16	5 27	1 26	2 15	0 49	17 0	1 37	14 50	7 30	23 5	23 4	13 47	10 15	6 52
W11	3 55	20 8	2 0	8 59	2 25	15 50	0 21	21 12	1 8	15 24	0 16	5 24	1 26	2 14	0 49	17 0	1 37	14 49	7 30	23 5	23 3	13 45	10 13	6 52
T 12	3 32	16 34	3 6	9 28	2 35	15 32	0 18	21 20	1 8	15 20	0 16	5 21	1 26	2 14	0 49	17 0	1 37	14 49	7 30	23 4	23 3	13 43	10 12	6 53
F 13	3 10	11 55	4 0	9 56	2 45	15 14	0 14	21 27	1 9	15 16	0 16	5 18	1 26	2 13	0 49	17 0	1 37	14 48	7 30	23 4	23 3	13 40	10 10	6 53
S 14	2 47	6 30	4 39	10 23	2 55	14 56	0 11	21 35	1 9	15 12	0 16	5 15	1 26	2 12	0 49	17 0	1 37	14 48	7 30	23 4	23 3	13 38	10 8	6 53
S 15	2 24	0 43	4 58	10 48	3 5	14 37	0 8	21 43	1 9	15 9	0 17	5 12	1 26	2 11	0 49	16 59	1 37	14 47	7 30	23 3	23 3	13 35	10 6	6 54
M16	2 2	5n 3	4 57	11 11	3 14	14 18	0 5	21 50	1 10	15 5	0 17	5 9	1 26	2 10	0 49	16 59	1 37	14 47	7 30	23 3	23 3	13 33	10 4	6 54
T 17	1 39	10 26	4 37	11 32	3 24	13 58	0 1	21 58	1 10	15 1	0 17	5 7	1 26	2 9	0 49	16 59	1 37	14 46	7 31	23 2	23 2	13 31	10 2	6 54
W18	1 16	15 6	4 0	11 52	3 33	13 38	0n 2	22 5	1 11	14 58	0 17	5 4	1 26	2 8	0 49	16 59	1 37	14 46	7 31	23 2	23 2	13 28	10 0	6 55
T 19	0 53	18 49	3 10	12 9	3 41	13 17	0 5	22 12	1 11	14 54	0 17	5 1	1 27	2 7	0 49	16 58	1 38	14 45	7 31	23 1	23 2	13 26	9 58	6 55
F 20	0 31	21 25	2 11	12 25	3 49	12 57	0 8	22 19	1 12	14 50	0 17	4 58	1 27	2 6	0 49	16 58	1 38	14 44	7 31	23 1	23 2	13 24	9 56	6 56
S 21	0 8	22 49	1 7	12 38	3 57	12 35	0 11	22 26	1 12	14 47	0 17	4 55	1 27	2 5	0 49	16 58	1 38	14 44	7 31	23 1	23 2	13 21	9 55	6 56
S 22	0s15	23 2	0 2	12 48	4 3	12 14	0 14	22 32	1 12	14 43	0 17	4 52	1 27	2 4	0 49	16 58	1 38	14 43	7 31	23 1	23 2	13 19	9 53	6 56
M23	0 38	22 7	1s 2	12 56	4 9	11 52	0 17	22 39	1 13	14 40	0 18	4 49	1 27	2 3	0 49	16 57	1 38	14 43	7 31	23 1	23 1	13 17	9 51	6 57
T 24	1 1	20 13	2 2	13 1	4 15	11 30	0 20	22 45	1 13	14 36	0 18	4 46	1 27	2 3	0 49	16 57	1 38	14 42	7 31	23 1	23 1	13 14	9 49	6 57
W25	1 24	17 28	2 56	13 3	4 19	11 7	0 23	22 52	1 14	14 32	0 18	4 43	1 27	2 2	0 49	16 57	1 38	14 42	7 32	23 1	23 1	13 12	9 47	6 58
T 26	1 46	14 1	3 43	13 1	4 22	10 44	0 26	22 58	1 14	14 29	0 18	4 40	1 27	2 1	0 49	16 57	1 38	14 41	7 32	23 0	23 1	13 10	9 45	6 58
F 27	2 9	10 1	4 20	12 57	4 24	10 21	0 29	23 4	1 14	14 25	0 18	4 38	1 27	2 0	0 49	16 56	1 38	14 41	7 32	23 0	23 1	13 7	9 43	6 59
S 28	2 32	5 36	4 46	12 48	4 25	9 58	0 32	23 9	1 15	14 22	0 18	4 35	1 27	1 59	0 49	16 56	1 38	14 40	7 32	22 59	23 1	13 5	9 42	6 59
S 29	2 55	0 55	4 59	12 36	4 24	9 34	0 34	23 15	1 15	14 18	0 18	4 32	1 27	1 58	0 49	16 56	1 38	14 40	7 32	22 59	23 0	13 2	9 40	7 0
M30	3s17	3s51	4s59	12s20	4s22	9n10	0n37	23s20	1s15	14n15	0n18	4n29	1n28	1n57	0s49	16n56	1s38	14n39	7n32	22s58	23s 0	13n 0	9n38	7s 0

Julian Day Number = 3067587.5, Delta T = 02h34m47s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'14, Lahiri = 47°30'15

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

OCTOBER 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 43 33	9♎20'27	10♎39	20°R45	8♏57	13♐10	22♌29	22♏ 8	6°R49	23°R36	10♏13	21°R29	22♐17	12♌55	14♌33	T 1
W 2	0 47 29	10°18'38	23°20	19♎58	10°10	13°49	22°40	22°16	6♈46	23♉35	10°15	21♐18	22°14	13° 1	14°37	W 2
T 3	0 51 26	11°16'51	6♏13	19° 6	11°22	14°28	22°51	22°23	6°44	23°34	10°17	21° 8	22°11	13° 8	14°42	T 3
F 4	0 55 22	12°15'05	19°17	18°10	12°35	15° 7	23° 2	22°30	6°42	23°33	10°18	21° 2	22° 7	13°15	14°47	F 4
S 5	0 59 19	13°13'20	2♐32	17°12	13°47	15°47	23°13	22°38	6°39	23°32	10°20	20°58	22° 4	13°21	14°51	S 5
S 6	1 3 16	14°11'37	15°59	16°12	15° 0	16°26	23°23	22°45	6°37	23°30	10°21	20°D57	22° 1	13°28	14°56	S 6
M 7	1 7 12	15° 9'55	29°38	15°11	16°13	17° 6	23°34	22°53	6°34	23°29	10°23	20°57	21°58	13°35	15° 0	M 7
T 8	1 11 9	16° 8'15	13♑29	14°12	17°25	17°45	23°45	23° 0	6°32	23°28	10°25	20°R57	21°55	13°41	15° 5	T 8
W 9	1 15 5	17° 6'36	27°34	13°14	18°38	18°25	23°55	23° 7	6°30	23°27	10°26	20°57	21°52	13°48	15° 9	W 9
T 10	1 19 2	18° 4'59	11♒51	12°21	19°51	19° 5	24° 6	23°14	6°27	23°25	10°28	20°55	21°48	13°55	15°13	T 10
F 11	1 22 58	19° 3'23	26°18	11°33	21° 4	19°45	24°16	23°22	6°25	23°24	10°29	20°50	21°45	14° 2	15°17	F 11
S 12	1 26 55	20° 1'48	10♓51	10°51	22°17	20°25	24°26	23°29	6°23	23°23	10°31	20°43	21°42	14° 8	15°22	S 12
S 13	1 30 51	21° 0'15	25°25	10°17	23°30	21° 5	24°36	23°36	6°20	23°22	10°32	20°35	21°39	14°15	15°26	S 13
M14	1 34 48	21°58'44	9♈53	9°51	24°43	21°46	24°46	23°43	6°18	23°20	10°33	20°25	21°36	14°22	15°30	M14
T 15	1 38 45	22°57'14	24° 8	9°34	25°56	22°26	24°56	23°50	6°16	23°19	10°35	20°16	21°33	14°28	15°33	T 15
W16	1 42 41	23°55'46	8♉ 5	9°D26	27° 9	23° 7	25° 6	23°57	6°14	23°17	10°36	20° 9	21°29	14°35	15°37	W16
T 17	1 46 38	24°54'20	21°39	9°28	28°23	23°47	25°15	24° 4	6°11	23°16	10°38	20° 3	21°26	14°42	15°41	T 17
F 18	1 50 34	25°52'56	4♊50	9°40	29°36	24°28	25°25	24°11	6° 9	23°15	10°39	20° 0	21°23	14°48	15°45	F 18
S 19	1 54 31	26°51'35	17°38	10° 2	0♎49	25° 9	25°35	24°18	6° 7	23°13	10°40	19°D59	21°20	14°55	15°48	S 19
S 20	1 58 27	27°50'15	0♋ 5	10°33	2° 3	25°50	25°44	24°25	6° 5	23°12	10°42	19°59	21°17	15° 2	15°52	S 20
M21	2 2 24	28°48'57	12°16	11°13	3°16	26°31	25°53	24°31	6° 3	23°10	10°43	20° 0	21°13	15° 8	15°55	M21
T 22	2 6 20	29°47'42	24°15	12° 2	4°30	27°12	26° 2	24°38	6° 1	23° 9	10°44	20°R 1	21°10	15°15	15°59	T 22
W23	2 10 17	0♏46'28	6♌ 7	12°58	5°43	27°54	26°11	24°45	5°58	23° 7	10°46	20° 1	21° 7	15°22	16° 2	W23
T 24	2 14 14	1°45'17	17°58	14° 2	6°57	28°35	26°20	24°52	5°56	23° 6	10°47	19°59	21° 4	15°29	16° 5	T 24
F 25	2 18 10	2°44'08	29°52	15°13	8°11	29°16	26°29	24°58	5°54	23° 4	10°48	19°56	21° 1	15°35	16° 8	F 25
S 26	2 22 7	3°43'01	11♍54	16°29	9°24	29°58	26°38	25° 5	5°52	23° 2	10°49	19°50	20°58	15°42	16°11	S 26
S 27	2 26 3	4°41'56	24° 7	17°51	10°38	0♑40	26°46	25°11	5°50	23° 1	10°51	19°43	20°54	15°49	16°14	S 27
M28	2 30 0	5°40'53	6♎35	19°17	11°52	1°21	26°54	25°18	5°48	22°59	10°52	19°35	20°51	15°55	16°17	M28
T 29	2 33 56	6°39'52	19°17	20°48	13° 6	2° 3	27° 3	25°24	5°46	22°58	10°53	19°28	20°48	16° 2	16°20	T 29
W30	2 37 53	7°38'53	2♏16	22°21	14°20	2°45	27°11	25°31	5°44	22°56	10°54	19°20	20°45	16° 9	16°23	W30
T 31	2 41 49	8♏37'57	15♏30	23♎58	15♎34	3♑27	27♌19	25♏37	5♈42	22♉55	10♏55	19♐15	20♐42	16♌15	16♌25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s40	8 s33	4 s45	12 s 1	4 s18	8n45	0n40	23 s26	1 s16	14n11	0n19	4n26	1n28	1n56	0 s49	16n55	1 s38	14n39	7n33	22 s57	23 s 0	12n58	9n36	7 s 1
W 2	4 3	12 57	4 16	11 38	4 12	8 21	0 42	23 31	1 16	14 8	0 19	4 23	1 28	1 55	0 49	16 55	1 38	14 38	7 33	22 56	23 0	12 55	9 34	7 1
T 3	4 25	16 50	3 34	11 11	4 4	7 56	0 45	23 36	1 16	14 4	0 19	4 21	1 28	1 54	0 49	16 55	1 38	14 38	7 33	22 56	23 0	12 53	9 33	7 1
F 4	4 48	19 57	2 40	10 41	3 55	7 31	0 48	23 40	1 17	14 1	0 19	4 18	1 28	1 53	0 49	16 54	1 38	14 38	7 33	22 55	22 59	12 51	9 31	7 2
S 5	5 10	22 3	1 36	10 8	3 43	7 5	0 50	23 45	1 17	13 57	0 19	4 15	1 28	1 52	0 49	16 54	1 38	14 37	7 33	22 55	22 59	12 48	9 29	7 3
S 6	5 33	22 56	0 26	9 33	3 30	6 40	0 52	23 49	1 17	13 54	0 19	4 12	1 28	1 51	0 49	16 54	1 38	14 37	7 33	22 55	22 59	12 46	9 27	7 3
M 7	5 55	22 27	0n46	8 56	3 15	6 14	0 55	23 53	1 18	13 51	0 19	4 9	1 28	1 50	0 49	16 53	1 38	14 36	7 34	22 55	22 59	12 43	9 25	7 4
T 8	6 18	20 36	1 57	8 18	2 58	5 48	0 57	23 57	1 18	13 47	0 19	4 7	1 28	1 49	0 49	16 53	1 38	14 36	7 34	22 55	22 59	12 41	9 24	7 4
W 9	6 40	17 29	3 2	7 39	2 41	5 22	0 59	24 1	1 18	13 44	0 20	4 4	1 29	1 49	0 49	16 53	1 38	14 35	7 34	22 55	22 58	12 39	9 22	7 5
T 10	7 2	13 17	3 57	7 1	2 22	4 56	1 1	24 5	1 18	13 41	0 20	4 1	1 29	1 48	0 49	16 52	1 38	14 35	7 34	22 55	22 58	12 36	9 20	7 5
F 11	7 24	8 17	4 37	6 24	2 2	4 29	1 3	24 8	1 19	13 38	0 20	3 59	1 29	1 47	0 49	16 52	1 38	14 35	7 34	22 55	22 58	12 34	9 19	7 6
S 12	7 46	2 48	5 0	5 50	1 42	4 2	1 5	24 12	1 19	13 34	0 20	3 56	1 29	1 46	0 49	16 52	1 38	14 34	7 35	22 54	22 58	12 31	9 17	7 6
S 13	8 7	2n51	5 3	5 18	1 22	3 36	1 7	24 15	1 19	13 31	0 20	3 53	1 29	1 45	0 49	16 51	1 38	14 34	7 35	22 53	22 58	12 29	9 15	7 7
M14	8 29	8 17	4 47	4 49	1 2	3 9	1 9	24 17	1 19	13 28	0 20	3 51	1 29	1 44	0 49	16 51	1 39	14 34	7 35	22 53	22 58	12 27	9 13	7 7
T 15	8 51	13 12	4 13	4 24	0 43	2 42	1 11	24 20	1 20	13 25	0 20	3 48	1 29	1 43	0 49	16 50	1 39	14 33	7 35	22 52	22 57	12 24	9 12	7 8
W16	9 12	17 19	3 25	4 4	0 24	2 14	1 13	24 22	1 20	13 22	0 21	3 45	1 30	1 42	0 49	16 50	1 39	14 33	7 35	22 52	22 57	12 22	9 10	7 9
T 17	9 33	20 22	2 26	3 48	0 5	1 47	1 15	24 25	1 20	13 19	0 21	3 43	1 30	1 41	0 49	16 50	1 39	14 33	7 36	22 51	22 57	12 19	9 9	7 9
F 18	9 55	22 14	1 20	3 37	0n12	1 20	1 16	24 27	1 20	13 16	0 21	3 40	1 30	1 41	0 49	16 49	1 39	14 32	7 36	22 51	22 57	12 17	9 7	7 10
S 19	10 16	22 52	0 13	3 31	0 28	0 52	1 18	24 29	1 21	13 13	0 21	3 37	1 30	1 40	0 49	16 49	1 39	14 32	7 36	22 51	22 56	12 15	9 5	7 10
S 20	10 37	22 19	0 s54	3 30	0 42	0 25	1 19	24 30	1 21	13 10	0 21	3 35	1 30	1 39	0 49	16 49	1 39	14 32	7 36	22 51	22 56	12 12	9 4	7 11
M21	10 57	20 43	1 57	3 33	0 56	0 s 3	1 21	24 31	1 21	13 7	0 21	3 32	1 30	1 38	0 49	16 48	1 39	14 31	7 37	22 51	22 56	12 10	9 2	7 12
T 22	11 18	18 13	2 54	3 41	1 8	0 31	1 22	24 33	1 21	13 4	0 21	3 30	1 30	1 37	0 49	16 48	1 39	14 31	7 37	22 51	22 56	12 7	9 1	7 12
W23	11 38	14 58	3 43	3 53	1 18	0 58	1 23	24 34	1 21	13 1	0 22	3 27	1 31	1 36	0 49	16 47	1 39	14 31	7 37	22 51	22 56	12 5	8 59	7 13
T 24	11 59	11 9	4 22	4 9	1 27	1 26	1 25	24 34	1 21	12 58	0 22	3 25	1 31	1 36	0 49	16 47	1 39	14 30	7 37	22 51	22 55	12 3	8 58	7 13
F 25	12 19	6 53	4 50	4 28	1 35	1 54	1 26	24 35	1 22	12 55	0 22	3 22	1 31	1 35	0 48	16 47	1 39	14 30	7 38	22 51	22 55	12 0	8 56	7 14
S 26	12 39	2 19	5 5	4 52	1 42	2 22	1 27	24 35	1 22	12 52	0 22	3 20	1 31	1 34	0 48	16 46	1 39	14 30	7 38	22 50	22 55	11 58	8 55	7 15
S 27	12 58	2 s24	5 7	5 18	1 47	2 49	1 28	24 35	1 22	12 50	0 22	3 17	1 31	1 33	0 48	16 46	1 39	14 30	7 38	22 50	22 55	11 55	8 53	7 15
M28	13 18	7 6	4 55	5 46	1 51	3 17	1 29	24 35	1 22	12 47	0 22	3 15	1 31	1 33	0 48	16 45	1 39	14 30	7 38	22 49	22 55	11 53	8 52	7 16
T 29	13 37	11 37	4 28	6 17	1 54	3 45	1 30	24 34	1 22	12 44	0 22	3 13	1 31	1 32	0 48	16 45	1 39	14 29	7 38	22 48	22 54	11 50	8 50	7 17
W30	13 56	15 42	3 47	6 50	1 56	4 13	1 30	24 34	1 22	12 42	0 23	3 10	1 32	1 31	0 48	16 45	1 39	14 29	7 39	22 48	22 54	11 48	8 49	7 17
T 31	14 s15	19 s 5	2 s52	7 s24	1n57	4 s40	1n31	24 s33	1 s22	12n39	0n23	3n 8	1n32	1n30	0 s48	16n44	1 s39	14n29	7n39	22 s47	22 s54	11n46	8n48	7 s18

Julian Day Number = 3067617.5, Delta T = 02h34m48s
Ecliptic obliquity = 23°13'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'18, Lahiri = 47°30'19

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

NOVEMBER 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 45 46	9♏37'02	28♏57	25♎36	16♎48	4♑ 9	27♌27	25♍43	5°R41	22°R53	10♍56	19°R11	20♐39	16♌22	16♌28	F 1
S 2	2 49 43	10°36'09	12♐36	27°16	18° 2	4°52	27°35	25°50	5♈39	22♉51	10°57	19°D 9	20°35	16°29	16°30	S 2
S 3	2 53 39	11°35'18	26°25	28°58	19°16	5°34	27°42	25°56	5°37	22°50	10°58	19♐ 9	20°32	16°36	16°33	S 3
M 4	2 57 36	12°34'28	10♑21	0♏41	20°30	6°16	27°50	26° 2	5°35	22°48	10°59	19°11	20°29	16°42	16°35	M 4
T 5	3 1 32	13°33'41	24°24	2°25	21°44	6°59	27°57	26° 8	5°33	22°46	11° 0	19°12	20°26	16°49	16°37	T 5
W 6	3 5 29	14°32'55	8♒32	4° 9	22°58	7°42	28° 4	26°14	5°32	22°45	11° 1	19°R13	20°23	16°56	16°39	W 6
T 7	3 9 25	15°32'10	22°42	5°53	24°12	8°24	28°11	26°20	5°30	22°43	11° 2	19°13	20°19	17° 2	16°41	T 7
F 8	3 13 22	16°31'27	6♓55	7°38	25°27	9° 7	28°18	26°26	5°28	22°41	11° 3	19°11	20°16	17° 9	16°43	F 8
S 9	3 17 18	17°30'46	21° 6	9°22	26°41	9°50	28°25	26°31	5°27	22°40	11° 4	19° 8	20°13	17°16	16°45	S 9
S 10	3 21 15	18°30'06	5♈13	11° 7	27°55	10°33	28°31	26°37	5°25	22°38	11° 5	19° 4	20°10	17°22	16°46	S 10
M11	3 25 12	19°29'28	19°12	12°51	29°10	11°16	28°38	26°43	5°24	22°36	11° 6	19° 0	20° 7	17°29	16°48	M11
T 12	3 29 8	20°28'52	3♉ 0	14°35	0♏24	11°59	28°44	26°48	5°22	22°35	11° 7	18°55	20° 4	17°36	16°50	T 12
W13	3 33 5	21°28'18	16°34	16°18	1°39	12°42	28°50	26°54	5°21	22°33	11° 8	18°52	20° 0	17°43	16°51	W13
T 14	3 37 1	22°27'46	29°51	18° 1	2°53	13°25	28°56	26°59	5°19	22°31	11° 8	18°49	19°57	17°49	16°52	T 14
F 15	3 40 58	23°27'16	12♊50	19°43	4° 8	14° 9	29° 2	27° 5	5°18	22°30	11° 9	18°D48	19°54	17°56	16°54	F 15
S 16	3 44 54	24°26'47	25°31	21°25	5°22	14°52	29° 8	27°10	5°17	22°28	11°10	18°48	19°51	18° 3	16°55	S 16
S 17	3 48 51	25°26'21	7♋55	23° 7	6°37	15°36	29°13	27°15	5°15	22°26	11°11	18°49	19°48	18° 9	16°56	S 17
M18	3 52 47	26°25'57	20° 5	24°48	7°51	16°19	29°19	27°20	5°14	22°25	11°11	18°50	19°45	18°16	16°57	M18
T 19	3 56 44	27°25'35	2♌ 4	26°28	9° 6	17° 3	29°24	27°26	5°13	22°23	11°12	18°52	19°41	18°23	16°58	T 19
W20	4 0 41	28°25'15	13°57	28° 8	10°21	17°47	29°29	27°31	5°12	22°21	11°12	18°54	19°38	18°29	16°58	W20
T 21	4 4 37	29°24'58	25°49	29°47	11°35	18°31	29°34	27°35	5°11	22°20	11°13	18°R54	19°35	18°36	16°59	T 21
F 22	4 8 34	0♐24'42	7♍43	1♐25	12°50	19°15	29°38	27°40	5°10	22°18	11°14	18°54	19°32	18°43	17° 0	F 22
S 23	4 12 30	1°24'29	19°46	3° 4	14° 5	19°59	29°43	27°45	5° 9	22°16	11°14	18°53	19°29	18°50	17° 0	S 23
S 24	4 16 27	2°24'17	2♎ 0	4°41	15°20	20°43	29°47	27°50	5° 8	22°15	11°15	18°51	19°25	18°56	17° 1	S 24
M25	4 20 23	3°24'08	14°31	6°18	16°34	21°27	29°51	27°54	5° 7	22°13	11°15	18°49	19°22	19° 3	17° 1	M25
T 26	4 24 20	4°24'01	27°20	7°55	17°49	22°11	29°55	27°59	5° 6	22°11	11°16	18°47	19°19	19°10	17° 1	T 26
W27	4 28 16	5°23'56	10♏31	9°31	19° 4	22°55	29°59	28° 3	5° 5	22°10	11°16	18°45	19°16	19°16	17°R 1	W27
T 28	4 32 13	6°23'52	24° 1	11° 7	20°19	23°40	0♍ 3	28° 8	5° 4	22° 8	11°16	18°44	19°13	19°23	17° 1	T 28
F 29	4 36 10	7°23'51	7♐50	12°42	21°34	24°24	0° 6	28°12	5° 3	22° 7	11°17	18°43	19°10	19°30	17° 1	F 29
S 30	4 40 6	8♐23'52	21♐56	14♐17	22♏49	25♑ 9	0♍ 9	28♍16	5♈ 3	22♉ 5	11♍17	18°D43	19♐ 6	19♌36	17♌ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s34	21s30	1s48	8s 0	1n57	5s 8	1n32	24s32	1s22	12n37	0n23	3n 6	1n32	1n30	0s48	16n44	1s39	14n29	7n39	22s47	22s54	11n43	8n46	7s19
S 2	14 52	22 41	0 36	8 36	1 56	5 35	1 32	24 30	1 22	12 34	0 23	3 3	1 32	1 29	0 48	16 43	1 39	14 29	7 39	22 47	22 53	11 41	8 45	7 19
S 3	15 10	22 31	0n39	9 14	1 54	6 2	1 33	24 29	1 23	12 32	0 23	3 1	1 32	1 28	0 48	16 43	1 39	14 28	7 40	22 47	22 53	11 38	8 44	7 20
M 4	15 28	20 57	1 53	9 51	1 52	6 30	1 33	24 27	1 23	12 29	0 23	2 59	1 32	1 28	0 48	16 42	1 39	14 28	7 40	22 47	22 53	11 36	8 42	7 21
T 5	15 46	18 5	3 0	10 29	1 49	6 57	1 33	24 25	1 23	12 27	0 24	2 57	1 33	1 27	0 48	16 42	1 39	14 28	7 40	22 47	22 53	11 33	8 41	7 21
W 6	16 3	14 9	3 57	11 8	1 46	7 24	1 34	24 23	1 23	12 25	0 24	2 54	1 33	1 26	0 48	16 42	1 39	14 28	7 40	22 47	22 53	11 31	8 40	7 22
T 7	16 21	9 24	4 40	11 46	1 42	7 51	1 34	24 20	1 23	12 22	0 24	2 52	1 33	1 26	0 48	16 41	1 39	14 28	7 41	22 47	22 52	11 29	8 39	7 23
F 8	16 38	4 10	5 5	12 24	1 37	8 17	1 34	24 17	1 23	12 20	0 24	2 50	1 33	1 25	0 48	16 41	1 39	14 28	7 41	22 47	22 52	11 26	8 37	7 23
S 9	16 54	1n17	5 12	13 1	1 33	8 44	1 34	24 14	1 23	12 18	0 24	2 48	1 33	1 24	0 48	16 40	1 39	14 28	7 41	22 47	22 52	11 24	8 36	7 24
S 10	17 11	6 39	5 0	13 38	1 27	9 10	1 34	24 11	1 23	12 16	0 24	2 46	1 34	1 24	0 48	16 40	1 39	14 28	7 42	22 47	22 52	11 21	8 35	7 25
M11	17 27	11 37	4 30	14 15	1 22	9 37	1 34	24 8	1 23	12 14	0 25	2 44	1 34	1 23	0 48	16 39	1 39	14 27	7 42	22 46	22 51	11 19	8 34	7 25
T 12	17 42	15 56	3 45	14 51	1 16	10 3	1 34	24 4	1 23	12 12	0 25	2 42	1 34	1 23	0 48	16 39	1 39	14 27	7 42	22 46	22 51	11 16	8 33	7 26
W13	17 58	19 19	2 48	15 26	1 10	10 28	1 34	24 0	1 23	12 10	0 25	2 40	1 34	1 22	0 48	16 39	1 39	14 27	7 42	22 46	22 51	11 14	8 32	7 27
T 14	18 13	21 36	1 42	16 1	1 4	10 54	1 33	23 56	1 23	12 8	0 25	2 38	1 34	1 22	0 48	16 38	1 39	14 27	7 43	22 45	22 51	11 12	8 31	7 27
F 15	18 28	22 40	0 33	16 35	0 58	11 19	1 33	23 51	1 23	12 6	0 25	2 36	1 35	1 21	0 48	16 38	1 39	14 27	7 43	22 45	22 50	11 9	8 30	7 28
S 16	18 43	22 32	0s37	17 8	0 51	11 44	1 32	23 46	1 23	12 4	0 25	2 34	1 35	1 21	0 48	16 37	1 39	14 27	7 43	22 45	22 50	11 7	8 29	7 29
S 17	18 57	21 16	1 43	17 40	0 45	12 9	1 32	23 42	1 23	12 2	0 26	2 32	1 35	1 20	0 48	16 37	1 39	14 27	7 43	22 45	22 50	11 4	8 28	7 29
M18	19 11	19 2	2 44	18 11	0 38	12 34	1 31	23 36	1 23	12 1	0 26	2 30	1 35	1 20	0 48	16 37	1 39	14 27	7 44	22 45	22 50	11 2	8 27	7 30
T 19	19 24	16 0	3 36	18 41	0 31	12 58	1 31	23 31	1 23	11 59	0 26	2 29	1 35	1 19	0 48	16 36	1 39	14 27	7 44	22 46	22 50	10 59	8 26	7 31
W20	19 38	12 21	4 19	19 10	0 24	13 22	1 30	23 25	1 23	11 58	0 26	2 27	1 36	1 19	0 48	16 36	1 39	14 27	7 44	22 46	22 49	10 57	8 25	7 31
T 21	19 51	8 14	4 51	19 38	0 17	13 45	1 29	23 19	1 23	11 56	0 26	2 25	1 36	1 19	0 48	16 35	1 39	14 27	7 45	22 46	22 49	10 54	8 24	7 32
F 22	20 3	3 48	5 10	20 5	0 11	14 9	1 28	23 13	1 23	11 55	0 27	2 23	1 36	1 18	0 48	16 35	1 39	14 27	7 45	22 46	22 49	10 52	8 23	7 33
S 23	20 15	0s50	5 16	20 31	0 4	14 32	1 27	23 7	1 23	11 53	0 27	2 22	1 36	1 18	0 48	16 34	1 39	14 27	7 45	22 46	22 49	10 50	8 23	7 34
S 24	20 27	5 30	5 8	20 56	0s 3	14 54	1 26	23 0	1 23	11 52	0 27	2 20	1 36	1 17	0 48	16 34	1 39	14 27	7 45	22 46	22 48	10 47	8 22	7 34
M25	20 39	10 3	4 45	21 20	0 10	15 16	1 25	22 53	1 22	11 51	0 27	2 18	1 37	1 17	0 48	16 34	1 39	14 28	7 46	22 45	22 48	10 45	8 21	7 35
T 26	20 50	14 17	4 7	21 42	0 17	15 38	1 24	22 46	1 22	11 49	0 27	2 17	1 37	1 17	0 47	16 33	1 39	14 28	7 46	22 45	22 48	10 42	8 20	7 36
W27	21 1	17 57	3 16	22 4	0 24	16 0	1 23	22 39	1 22	11 48	0 27	2 15	1 37	1 16	0 47	16 33	1 39	14 28	7 46	22 45	22 48	10 40	8 20	7 36
T 28	21 11	20 45	2 13	22 24	0 30	16 21	1 22	22 31	1 22	11 47	0 28	2 14	1 37	1 16	0 47	16 32	1 39	14 28	7 47	22 45	22 47	10 37	8 19	7 37
F 29	21 21	22 24	1 0	22 44	0 37	16 41	1 21	22 23	1 22	11 46	0 28	2 12	1 38	1 16	0 47	16 32	1 39	14 28	7 47	22 45	22 47	10 35	8 18	7 38
S 30	21s30	22s41	0n18	23s 2	0s44	17s 2	1n19	22s15	1s22	11n45	0n28	2n11	1n38	1n16	0s47	16n32	1s39	14n28	7n47	22s45	22s47	10n32	8n18	7s38

Julian Day Number = 3067648.5, Delta T = 02h34m49s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'23, Lahiri = 47°30'23

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ASTRODIENST EPHEMERIS for the year 3686
geocentric

DECEMBER 3686 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 44 3	9♐23'54	6♑13	15♐51	24♏ 4	25♑53	0♍12	28♍20	5°R 2	22°R 3	11♍17	18♐43	19♐ 3	19♌43	17°R 0	S 1
M 2	4 47 59	10°23'58	20°37	17°26	25°19	26°38	0°15	28°24	5♈ 1	22♉ 2	11°18	18°44	19° 0	19°50	17♌ 0	M 2
T 3	4 51 56	11°24'04	5♒ 3	18°59	26°34	27°23	0°18	28°28	5° 1	22° 0	11°18	18°44	18°57	19°57	17° 0	T 3
W 4	4 55 52	12°24'11	19°26	20°33	27°49	28° 7	0°20	28°32	5° 0	21°59	11°18	18°45	18°54	20° 3	16°59	W 4
T 5	4 59 49	13°24'19	3♓44	22° 6	29° 4	28°52	0°23	28°36	5° 0	21°57	11°18	18°45	18°51	20°10	16°58	T 5
F 6	5 3 45	14°24'28	17°53	23°38	0♐19	29°37	0°25	28°39	5° 0	21°56	11°19	18°R45	18°47	20°17	16°57	F 6
S 7	5 7 42	15°24'39	1♈51	25°10	1°34	0♒22	0°27	28°43	4°59	21°54	11°19	18°45	18°44	20°23	16°57	S 7
S 8	5 11 39	16°24'52	15°38	26°42	2°49	1° 7	0°29	28°46	4°59	21°53	11°19	18°45	18°41	20°30	16°56	S 8
M 9	5 15 35	17°25'06	29°11	28°14	4° 4	1°52	0°30	28°50	4°59	21°51	11°19	18°45	18°38	20°37	16°54	M 9
T 10	5 19 32	18°25'21	12♉32	29°46	5°19	2°38	0°31	28°53	4°58	21°50	11°19	18°D45	18°35	20°44	16°53	T 10
W11	5 23 28	19°25'37	25°40	1♑17	6°34	3°23	0°33	28°56	4°58	21°48	11°19	18°45	18°31	20°50	16°52	W11
T 12	5 27 25	20°25'56	8♊34	2°47	7°49	4° 8	0°34	28°59	4°58	21°47	11°R19	18°45	18°28	20°57	16°51	T 12
F 13	5 31 21	21°26'15	21°15	4°18	9° 4	4°54	0°34	29° 2	4°D58	21°45	11°19	18°R45	18°25	21° 4	16°49	F 13
S 14	5 35 18	22°26'37	3♋43	5°48	10°20	5°39	0°35	29° 5	4°58	21°44	11°19	18°45	18°22	21°10	16°48	S 14
S 15	5 39 14	23°27'00	15°59	7°18	11°35	6°24	0°35	29° 8	4°58	21°43	11°19	18°44	18°19	21°17	16°46	S 15
M16	5 43 11	24°27'24	28° 5	8°47	12°50	7°10	0°R36	29°10	4°58	21°41	11°19	18°44	18°16	21°24	16°44	M16
T 17	5 47 8	25°27'50	10♌ 2	10°16	14° 5	7°56	0°35	29°13	4°59	21°40	11°19	18°43	18°12	21°30	16°42	T 17
W18	5 51 4	26°28'18	21°55	11°45	15°20	8°41	0°35	29°15	4°59	21°39	11°19	18°42	18° 9	21°37	16°41	W18
T 19	5 55 1	27°28'47	3♍46	13°13	16°36	9°27	0°35	29°18	4°59	21°37	11°18	18°41	18° 6	21°44	16°39	T 19
F 20	5 58 57	28°29'18	15°39	14°41	17°51	10°13	0°34	29°20	4°59	21°36	11°18	18°40	18° 3	21°51	16°36	F 20
S 21	6 2 54	29°29'51	27°39	16° 9	19° 6	10°58	0°33	29°22	5° 0	21°35	11°18	18°D40	18° 0	21°57	16°34	S 21
S 22	6 6 50	0♑30'25	9♎51	17°35	20°21	11°44	0°32	29°24	5° 0	21°33	11°18	18°40	17°57	22° 4	16°32	S 22
M23	6 10 47	1°31'01	22°19	19° 1	21°37	12°30	0°31	29°26	5° 1	21°32	11°17	18°41	17°53	22°11	16°30	M23
T 24	6 14 44	2°31'38	5♏ 6	20°27	22°52	13°16	0°30	29°28	5° 1	21°31	11°17	18°42	17°50	22°17	16°27	T 24
W25	6 18 40	3°32'17	18°18	21°51	24° 7	14° 2	0°28	29°29	5° 2	21°30	11°17	18°43	17°47	22°24	16°25	W25
T 26	6 22 37	4°32'58	1♐54	23°15	25°23	14°48	0°26	29°31	5° 2	21°29	11°16	18°44	17°44	22°31	16°22	T 26
F 27	6 26 33	5°33'40	15°55	24°37	26°38	15°34	0°24	29°32	5° 3	21°28	11°16	18°R45	17°41	22°38	16°19	F 27
S 28	6 30 30	6°34'23	0♑19	25°58	27°53	16°21	0°22	29°34	5° 4	21°27	11°15	18°44	17°37	22°44	16°17	S 28
S 29	6 34 26	7°35'08	15° 1	27°18	29° 9	17° 7	0°20	29°35	5° 4	21°26	11°15	18°43	17°34	22°51	16°14	S 29
M30	6 38 23	8°35'53	29°53	28°35	0♑24	17°53	0°17	29°36	5° 5	21°25	11°14	18°41	17°31	22°58	16°11	M30
T 31	6 42 19	9♑36'40	14♒48	29♑51	1♑40	18♒39	0♍14	29♍37	5♈ 6	21♉24	11♍14	18♐38	17♐28	23♌ 4	16♌ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s40	21s29	1n36	23s18	0s50	17s21	1n18	22s 7	1s22	11n44	0n28	2n 9	1n38	1n15	0s47	16n31	1s39	14n28	7n47	22s45	22s47	10n30	8n17	7s39
M 2	21 48	18 53	2 48	23 34	0 56	17 41	1 16	21 58	1 22	11 43	0 28	2 8	1 38	1 15	0 47	16 31	1 39	14 28	7 48	22 45	22 46	10 27	8 17	7 40
T 3	21 57	15 7	3 50	23 48	1 3	18 0	1 15	21 50	1 22	11 43	0 29	2 7	1 38	1 15	0 47	16 31	1 39	14 29	7 48	22 45	22 46	10 25	8 16	7 40
W 4	22 5	10 28	4 37	24 2	1 9	18 18	1 13	21 41	1 21	11 42	0 29	2 5	1 39	1 15	0 47	16 30	1 39	14 29	7 48	22 45	22 46	10 23	8 16	7 41
T 5	22 12	5 17	5 6	24 14	1 15	18 36	1 12	21 31	1 21	11 41	0 29	2 4	1 39	1 15	0 47	16 30	1 39	14 29	7 49	22 45	22 45	10 20	8 15	7 42
F 6	22 19	0n 8	5 17	24 24	1 20	18 53	1 10	21 22	1 21	11 41	0 29	2 3	1 39	1 15	0 47	16 29	1 39	14 29	7 49	22 45	22 45	10 18	8 15	7 42
S 7	22 26	5 28	5 9	24 34	1 26	19 10	1 9	21 12	1 21	11 40	0 29	2 2	1 39	1 15	0 47	16 29	1 39	14 29	7 49	22 45	22 45	10 15	8 15	7 43
S 8	22 32	10 27	4 43	24 42	1 31	19 26	1 7	21 2	1 21	11 40	0 30	2 1	1 40	1 15	0 47	16 29	1 39	14 30	7 49	22 45	22 45	10 13	8 14	7 44
M 9	22 38	14 51	4 2	24 49	1 37	19 42	1 5	20 52	1 21	11 40	0 30	2 0	1 40	1 14	0 47	16 28	1 39	14 30	7 50	22 45	22 44	10 10	8 14	7 44
T 10	22 43	18 27	3 8	24 55	1 42	19 57	1 3	20 42	1 20	11 39	0 30	1 58	1 40	1 14	0 47	16 28	1 39	14 30	7 50	22 45	22 44	10 8	8 14	7 45
W11	22 48	21 1	2 5	25 0	1 47	20 12	1 1	20 31	1 20	11 39	0 30	1 57	1 40	1 14	0 47	16 28	1 39	14 30	7 50	22 45	22 44	10 5	8 13	7 46
T 12	22 53	22 27	0 56	25 3	1 51	20 26	0 59	20 21	1 20	11 39	0 30	1 56	1 41	1 14	0 47	16 27	1 39	14 31	7 51	22 45	22 44	10 3	8 13	7 46
F 13	22 57	22 42	0s14	25 5	1 56	20 40	0 57	20 10	1 20	11 39	0 31	1 56	1 41	1 14	0 47	16 27	1 39	14 31	7 51	22 45	22 43	10 0	8 13	7 47
S 14	23 1	21 48	1 22	25 6	2 0	20 53	0 55	19 58	1 19	11 39	0 31	1 55	1 41	1 14	0 47	16 27	1 39	14 31	7 51	22 45	22 43	9 58	8 13	7 47
S 15	23 4	19 52	2 25	25 5	2 4	21 5	0 53	19 47	1 19	11 39	0 31	1 54	1 41	1 15	0 47	16 26	1 39	14 31	7 52	22 45	22 43	9 55	8 13	7 48
M16	23 6	17 4	3 21	25 3	2 8	21 17	0 51	19 35	1 19	11 39	0 31	1 53	1 42	1 15	0 47	16 26	1 39	14 32	7 52	22 45	22 43	9 53	8 13	7 49
T 17	23 9	13 35	4 8	25 0	2 11	21 28	0 49	19 23	1 19	11 39	0 31	1 52	1 42	1 15	0 47	16 26	1 38	14 32	7 52	22 45	22 42	9 51	8 13	7 49
W18	23 11	9 36	4 43	24 56	2 14	21 39	0 47	19 11	1 19	11 39	0 32	1 51	1 42	1 15	0 47	16 25	1 38	14 32	7 52	22 45	22 42	9 48	8 13	7 50
T 19	23 12	5 16	5 6	24 50	2 17	21 49	0 45	18 59	1 18	11 40	0 32	1 51	1 42	1 15	0 47	16 25	1 38	14 33	7 53	22 45	22 42	9 46	8 13	7 50
F 20	23 13	0 44	5 16	24 44	2 19	21 58	0 43	18 47	1 18	11 40	0 32	1 50	1 43	1 15	0 47	16 25	1 38	14 33	7 53	22 45	22 41	9 43	8 13	7 51
S 21	23 13	3s52	5 13	24 35	2 21	22 6	0 40	18 34	1 18	11 41	0 32	1 50	1 43	1 15	0 46	16 25	1 38	14 33	7 53	22 45	22 41	9 41	8 13	7 52
S 22	23 13	8 24	4 55	24 26	2 23	22 14	0 38	18 21	1 17	11 41	0 32	1 49	1 43	1 15	0 46	16 24	1 38	14 34	7 54	22 45	22 41	9 38	8 13	7 52
M23	23 13	12 42	4 24	24 16	2 24	22 22	0 36	18 8	1 17	11 42	0 33	1 48	1 43	1 16	0 46	16 24	1 38	14 34	7 54	22 45	22 41	9 36	8 13	7 53
T 24	23 12	16 32	3 39	24 4	2 25	22 28	0 34	17 55	1 17	11 42	0 33	1 48	1 44	1 16	0 46	16 24	1 38	14 35	7 54	22 45	22 40	9 33	8 13	7 53
W25	23 10	19 41	2 41	23 51	2 25	22 34	0 31	17 41	1 17	11 43	0 33	1 48	1 44	1 16	0 46	16 23	1 38	14 35	7 54	22 45	22 40	9 31	8 13	7 54
T 26	23 9	21 51	1 32	23 37	2 25	22 40	0 29	17 28	1 16	11 44	0 33	1 47	1 44	1 17	0 46	16 23	1 38	14 35	7 55	22 45	22 40	9 28	8 14	7 54
F 27	23 6	22 45	0 16	23 22	2 24	22 44	0 27	17 14	1 16	11 45	0 33	1 47	1 44	1 17	0 46	16 23	1 38	14 36	7 55	22 45	22 39	9 26	8 14	7 55
S 28	23 4	22 10	1n 4	23 6	2 23	22 48	0 24	17 0	1 16	11 46	0 34	1 46	1 45	1 17	0 46	16 23	1 38	14 36	7 55	22 45	22 39	9 23	8 14	7 55
S 29	23 0	20 4	2 20	22 49	2 21	22 51	0 22	16 46	1 15	11 47	0 34	1 46	1 45	1 17	0 46	16 22	1 38	14 37	7 55	22 45	22 39	9 21	8 15	7 56
M30	22 57	16 36	3 28	22 31	2 18	22 54	0 19	16 31	1 15	11 48	0 34	1 46	1 45	1 18	0 46	16 22	1 38	14 37	7 56	22 45	22 39	9 18	8 15	7 56
T 31	22s53	12s 4	4n22	22s12	2s15	22s56	0n17	16s17	1s15	11n49	0n34	1n46	1n45	1n18	0s46	16n22	1s38	14n37	7n56	22s44	22s38	9n16	8n15	7s57

Julian Day Number = 3067678.5, Delta T = 02h34m50s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'27, Lahiri = 47°30'27

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

JANUARY 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 46 16	10♉37'27	29♒37	1♒ 5	2♉55	19♒26	0°R11	29♍38	5♈ 7	21°R23	11°R13	18°R35	17♐25	23♌11	16°R 5	W 1
T 2	6 50 13	11°38'16	14♓13	2°15	4°10	20°12	0♍ 8	29°39	5° 8	21♉22	11♍13	18♐33	17°22	23°18	16♌ 2	T 2
F 3	6 54 9	12°39'04	28°32	3°23	5°26	20°59	0° 5	29°40	5° 9	21°21	11°12	18°31	17°18	23°25	15°59	F 3
S 4	6 58 6	13°39'54	12♈30	4°27	6°41	21°45	0° 1	29°40	5°10	21°20	11°12	18°D30	17°15	23°31	15°55	S 4
S 5	7 2 2	14°40'44	26° 9	5°27	7°57	22°32	29♌58	29°41	5°11	21°19	11°11	18°31	17°12	23°38	15°52	S 5
M 6	7 5 59	15°41'35	9♉27	6°22	9°12	23°18	29°54	29°41	5°12	21°18	11°10	18°32	17° 9	23°45	15°49	M 6
T 7	7 9 55	16°42'27	22°29	7°11	10°27	24° 5	29°50	29°41	5°14	21°17	11°10	18°34	17° 6	23°51	15°45	T 7
W 8	7 13 52	17°43'19	5♊15	7°55	11°43	24°51	29°45	29°41	5°15	21°17	11° 9	18°35	17° 3	23°58	15°42	W 8
T 9	7 17 48	18°44'12	17°48	8°31	12°58	25°38	29°41	29°R42	5°16	21°16	11° 8	18°R36	16°59	24° 5	15°38	T 9
F 10	7 21 45	19°45'06	0♋10	9° 0	14°14	26°25	29°36	29°41	5°18	21°15	11° 7	18°35	16°56	24°12	15°34	F 10
S 11	7 25 42	20°46'00	12°24	9°20	15°29	27°11	29°32	29°41	5°19	21°14	11° 7	18°33	16°53	24°18	15°31	S 11
S 12	7 29 38	21°46'55	24°29	9°R30	16°45	27°58	29°27	29°41	5°20	21°14	11° 6	18°29	16°50	24°25	15°27	S 12
M13	7 33 35	22°47'51	6♌29	9°30	18° 0	28°45	29°21	29°41	5°22	21°13	11° 5	18°23	16°47	24°32	15°23	M13
T 14	7 37 31	23°48'47	18°24	9°19	19°15	29°32	29°16	29°40	5°23	21°13	11° 4	18°16	16°43	24°38	15°19	T 14
W15	7 41 28	24°49'44	0♍16	8°56	20°31	0♓19	29°11	29°39	5°25	21°12	11° 3	18° 9	16°40	24°45	15°15	W15
T 16	7 45 24	25°50'42	12° 7	8°21	21°46	1° 6	29° 5	29°39	5°27	21°12	11° 2	18° 2	16°37	24°52	15°11	T 16
F 17	7 49 21	26°51'41	24° 0	7°35	23° 2	1°52	28°59	29°38	5°28	21°11	11° 1	17°57	16°34	24°59	15° 7	F 17
S 18	7 53 17	27°52'40	5♎59	6°38	24°17	2°39	28°53	29°37	5°30	21°11	11° 0	17°52	16°31	25° 5	15° 3	S 18
S 19	7 57 14	28°53'40	18° 7	5°32	25°33	3°26	28°47	29°36	5°32	21°10	10°59	17°50	16°28	25°12	14°59	S 19
M20	8 1 11	29°54'41	0♏29	4°18	26°48	4°13	28°41	29°35	5°34	21°10	10°58	17°D49	16°24	25°19	14°55	M20
T 21	8 5 7	0♒55'42	13°10	2°59	28° 4	5° 0	28°35	29°33	5°36	21° 9	10°57	17°50	16°21	25°25	14°51	T 21
W22	8 9 4	1°56'45	26°14	1°37	29°19	5°47	28°29	29°32	5°38	21° 9	10°56	17°51	16°18	25°32	14°47	W22
T 23	8 13 0	2°57'48	9♐44	0°15	0♒35	6°35	28°22	29°30	5°40	21° 9	10°55	17°52	16°15	25°39	14°43	T 23
F 24	8 16 57	3°58'51	23°43	28♉55	1°50	7°22	28°15	29°29	5°42	21° 9	10°54	17°R52	16°12	25°46	14°38	F 24
S 25	8 20 53	4°59'56	8♉10	27°41	3° 6	8° 9	28° 8	29°27	5°44	21° 8	10°53	17°51	16° 9	25°52	14°34	S 25
S 26	8 24 50	6° 1'00	23° 1	26°34	4°21	8°56	28° 1	29°25	5°46	21° 8	10°52	17°47	16° 5	25°59	14°30	S 26
M27	8 28 47	7° 2'05	8♒10	25°36	5°37	9°43	27°54	29°23	5°48	21° 8	10°51	17°40	16° 2	26° 6	14°26	M27
T 28	8 32 43	8° 3'10	23°26	24°47	6°52	10°30	27°47	29°21	5°50	21° 8	10°50	17°33	15°59	26°12	14°21	T 28
W29	8 36 40	9° 4'15	8♓38	24° 8	8° 8	11°17	27°40	29°19	5°52	21° 8	10°49	17°24	15°56	26°19	14°17	W29
T 30	8 40 36	10° 5'19	23°37	23°39	9°23	12° 5	27°33	29°17	5°54	21° 8	10°47	17°17	15°53	26°26	14°12	T 30
F 31	8 44 33	11♒ 6'24	8♈14	23♉21	10♒39	12♓52	27♌25	29♍15	5♈57	21°D 8	10♍46	17♐10	15♐49	26♌33	14♌ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s48	6s51	4n58	21s52	2s11	22s57	0n15	16s 2	1s14	11n50	0n34	1n46	1n46	1n19	0s46	16n22	1s38	14n38	7n56	22s44	22s38	9n13	8n16	7s57
T 2	22 43	1 19	5 14	21 31	2 6	22 57	0 12	15 47	1 14	11 52	0 35	1 46	1 46	1 19	0 46	16 22	1 38	14 38	7 57	22 44	22 38	9 11	8 16	7 58
F 3	22 38	4n10	5 10	21 10	2 0	22 57	0 10	15 32	1 14	11 53	0 35	1 46	1 46	1 19	0 46	16 21	1 38	14 39	7 57	22 44	22 37	9 8	8 17	7 58
S 4	22 32	9 19	4 48	20 49	1 54	22 56	0 7	15 17	1 13	11 55	0 35	1 46	1 46	1 20	0 46	16 21	1 38	14 39	7 57	22 44	22 37	9 6	8 17	7 58
S 5	22 25	13 53	4 9	20 27	1 46	22 54	0 5	15 2	1 13	11 56	0 35	1 46	1 47	1 20	0 46	16 21	1 38	14 40	7 57	22 44	22 37	9 3	8 18	7 59
M 6	22 19	17 39	3 19	20 5	1 37	22 52	0 3	14 46	1 12	11 58	0 35	1 46	1 47	1 21	0 46	16 21	1 38	14 40	7 58	22 44	22 36	9 1	8 18	7 59
T 7	22 11	20 27	2 18	19 43	1 28	22 49	0 0	14 31	1 12	11 59	0 36	1 46	1 47	1 21	0 46	16 21	1 38	14 41	7 58	22 44	22 36	8 58	8 19	8 0
W 8	22 4	22 10	1 13	19 22	1 17	22 45	0s 2	14 15	1 12	12 1	0 36	1 46	1 47	1 22	0 46	16 21	1 38	14 41	7 58	22 44	22 36	8 56	8 20	8 0
T 9	21 56	22 44	0 4	19 1	1 5	22 41	0 5	13 59	1 11	12 3	0 36	1 46	1 48	1 23	0 46	16 20	1 38	14 42	7 58	22 44	22 36	8 53	8 20	8 0
F 10	21 47	22 10	1s 3	18 40	0 52	22 35	0 7	13 43	1 11	12 4	0 36	1 47	1 48	1 23	0 46	16 20	1 38	14 42	7 59	22 44	22 35	8 51	8 21	8 1
S 11	21 38	20 33	2 6	18 21	0 37	22 29	0 10	13 26	1 10	12 6	0 36	1 47	1 48	1 24	0 46	16 20	1 37	14 43	7 59	22 44	22 35	8 48	8 22	8 1
S 12	21 29	18 1	3 3	18 4	0 22	22 23	0 12	13 10	1 10	12 8	0 37	1 47	1 49	1 24	0 46	16 20	1 37	14 44	7 59	22 44	22 35	8 46	8 22	8 1
M13	21 19	14 44	3 52	17 47	0 5	22 16	0 14	12 53	1 10	12 10	0 37	1 48	1 49	1 25	0 46	16 20	1 37	14 44	7 59	22 43	22 34	8 44	8 23	8 2
T 14	21 9	10 54	4 29	17 33	0n13	22 8	0 17	12 37	1 9	12 12	0 37	1 48	1 49	1 26	0 45	16 20	1 37	14 45	8 0	22 43	22 34	8 41	8 24	8 2
W15	20 58	6 40	4 55	17 21	0 31	21 59	0 19	12 20	1 9	12 14	0 37	1 49	1 49	1 26	0 45	16 20	1 37	14 45	8 0	22 42	22 34	8 39	8 25	8 2
T 16	20 47	2 12	5 8	17 12	0 51	21 50	0 21	12 3	1 8	12 16	0 37	1 49	1 50	1 27	0 45	16 20	1 37	14 46	8 0	22 41	22 33	8 36	8 26	8 2
F 17	20 36	2s22	5 8	17 5	1 10	21 40	0 24	11 46	1 8	12 18	0 37	1 50	1 50	1 28	0 45	16 20	1 37	14 46	8 0	22 41	22 33	8 34	8 27	8 3
S 18	20 24	6 52	4 55	17 0	1 30	21 30	0 26	11 29	1 7	12 21	0 38	1 50	1 50	1 28	0 45	16 20	1 37	14 47	8 1	22 40	22 33	8 31	8 28	8 3
S 19	20 12	11 10	4 28	16 58	1 48	21 18	0 28	11 12	1 7	12 23	0 38	1 51	1 50	1 29	0 45	16 20	1 37	14 47	8 1	22 40	22 32	8 29	8 28	8 3
M20	19 59	15 6	3 48	16 58	2 6	21 6	0 31	10 54	1 6	12 25	0 38	1 52	1 51	1 30	0 45	16 19	1 37	14 48	8 1	22 40	22 32	8 26	8 29	8 3
T 21	19 46	18 27	2 57	17 0	2 23	20 54	0 33	10 37	1 6	12 27	0 38	1 52	1 51	1 31	0 45	16 19	1 37	14 49	8 1	22 40	22 32	8 24	8 30	8 4
W22	19 33	20 59	1 54	17 4	2 37	20 41	0 35	10 19	1 5	12 30	0 38	1 53	1 51	1 31	0 45	16 19	1 37	14 49	8 1	22 40	22 31	8 21	8 31	8 4
T 23	19 19	22 26	0 44	17 9	2 49	20 27	0 37	10 2	1 5	12 32	0 39	1 54	1 51	1 32	0 45	16 19	1 37	14 50	8 2	22 40	22 31	8 19	8 32	8 4
F 24	19 5	22 33	0n32	17 16	2 59	20 13	0 39	9 44	1 5	12 35	0 39	1 55	1 52	1 33	0 45	16 19	1 37	14 50	8 2	22 40	22 31	8 16	8 34	8 4
S 25	18 51	21 11	1 47	17 23	3 6	19 58	0 42	9 26	1 4	12 37	0 39	1 56	1 52	1 34	0 45	16 19	1 37	14 51	8 2	22 40	22 30	8 14	8 35	8 4
S 26	18 36	18 21	2 58	17 31	3 11	19 42	0 44	9 8	1 4	12 40	0 39	1 57	1 52	1 35	0 45	16 19	1 37	14 52	8 2	22 40	22 30	8 11	8 36	8 4
M27	18 21	14 14	3 57	17 40	3 13	19 26	0 46	8 50	1 3	12 42	0 39	1 58	1 52	1 36	0 45	16 19	1 37	14 52	8 3	22 39	22 30	8 9	8 37	8 4
T 28	18 5	9 10	4 40	17 48	3 13	19 9	0 48	8 32	1 2	12 45	0 39	1 59	1 53	1 36	0 45	16 19	1 37	14 53	8 3	22 39	22 30	8 6	8 38	8 4
W29	17 50	3 34	5 3	17 57	3 11	18 52	0 50	8 13	1 2	12 48	0 40	2 0	1 53	1 37	0 45	16 19	1 37	14 54	8 3	22 38	22 29	8 4	8 39	8 4
T 30	17 33	2n 9	5 4	18 5	3 8	18 34	0 52	7 55	1 1	12 50	0 40	2 1	1 53	1 38	0 45	16 19	1 36	14 54	8 3	22 37	22 29	8 1	8 40	8 4
F 31	17s17	7n37	4n46	18s13	3n 2	18s16	0s54	7s37	1s 1	12n53	0n40	2n 2	1n53	1n39	0s45	16n20	1s36	14n55	8n 3	22s37	22s29	7n59	8n41	8s 4

Julian Day Number = 3067709.5, Delta T = 02h34m51s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'31, Lahiri = 47°30'32

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

FEBRUARY 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 48 29	12♒ 7'28	22♈24	23°D13	11♒54	13♓39	27°R18	29°R12	5♈59	21♉ 8	10°R45	17°R 6	15♐46	26♌39	14°R 4	S 1
S 2	8 52 26	13° 8'33	6♉ 7	23♊13	13°10	14°26	27♌10	29♍10	6° 1	21° 8	10♍44	17♐ 4	15°43	26°46	13♌59	S 2
M 3	8 56 22	14° 9'36	19°24	23°23	14°25	15°14	27° 2	29° 7	6° 4	21° 8	10°43	17°D 4	15°40	26°53	13°55	M 3
T 4	9 0 19	15°10'40	2♋18	23°40	15°41	16° 1	26°55	29° 4	6° 6	21° 8	10°41	17° 5	15°37	26°59	13°51	T 4
W 5	9 4 16	16°11'43	14°53	24° 4	16°56	16°48	26°47	29° 1	6° 9	21° 8	10°40	17°R 6	15°34	27° 6	13°46	W 5
T 6	9 8 12	17°12'46	27°13	24°35	18°12	17°36	26°39	28°58	6°11	21° 9	10°39	17° 5	15°30	27°13	13°42	T 6
F 7	9 12 9	18°13'48	9♌23	25°11	19°27	18°23	26°31	28°55	6°14	21° 9	10°37	17° 3	15°27	27°20	13°37	F 7
S 8	9 16 5	19°14'50	21°24	25°53	20°43	19°10	26°23	28°52	6°16	21° 9	10°36	16°57	15°24	27°26	13°33	S 8
S 9	9 20 2	20°15'52	3♍21	26°40	21°58	19°58	26°15	28°49	6°19	21° 9	10°35	16°49	15°21	27°33	13°29	S 9
M10	9 23 58	21°16'53	15°15	27°30	23°14	20°45	26° 7	28°46	6°22	21°10	10°33	16°38	15°18	27°40	13°24	M10
T 11	9 27 55	22°17'53	27° 7	28°25	24°29	21°32	25°59	28°43	6°24	21°10	10°32	16°26	15°14	27°46	13°20	T 11
W12	9 31 51	23°18'54	9♎ 0	29°23	25°45	22°20	25°51	28°39	6°27	21°10	10°31	16°12	15°11	27°53	13°16	W12
T 13	9 35 48	24°19'54	20°53	0♒24	27° 0	23° 7	25°43	28°36	6°30	21°11	10°29	15°59	15° 8	28° 0	13°11	T 13
F 14	9 39 45	25°20'53	2♏50	1°28	28°15	23°54	25°35	28°32	6°32	21°11	10°28	15°47	15° 5	28° 7	13° 7	F 14
S 15	9 43 41	26°21'53	14°52	2°34	29°31	24°42	25°27	28°28	6°35	21°12	10°27	15°38	15° 2	28°13	13° 3	S 15
S 16	9 47 38	27°22'52	27° 2	3°43	0♓46	25°29	25°19	28°25	6°38	21°12	10°25	15°31	14°59	28°20	12°59	S 16
M17	9 51 34	28°23'51	9♏23	4°54	2° 2	26°16	25°11	28°21	6°41	21°13	10°24	15°27	14°55	28°27	12°55	M17
T 18	9 55 31	29°24'49	21°59	6° 7	3°17	27° 4	25° 3	28°17	6°44	21°14	10°23	15°25	14°52	28°33	12°50	T 18
W19	9 59 27	0♓25'48	4♐55	7°21	4°33	27°51	24°55	28°13	6°47	21°14	10°21	15°D25	14°49	28°40	12°46	W19
T 20	10 3 24	1°26'46	18°16	8°37	5°48	28°38	24°47	28° 9	6°50	21°15	10°20	15°R25	14°46	28°47	12°42	T 20
F 21	10 7 20	2°27'43	2♑ 3	9°54	7° 3	29°26	24°39	28° 5	6°53	21°16	10°18	15°24	14°43	28°54	12°38	F 21
S 22	10 11 17	3°28'40	16°19	11°13	8°19	0♈13	24°31	28° 1	6°56	21°17	10°17	15°21	14°40	29° 0	12°34	S 22
S 23	10 15 14	4°29'37	1♒ 2	12°33	9°34	1° 0	24°23	27°57	6°59	21°17	10°16	15°16	14°36	29° 7	12°30	S 23
M24	10 19 10	5°30'33	16° 7	13°54	10°50	1°48	24°16	27°52	7° 2	21°18	10°14	15° 7	14°33	29°14	12°26	M24
T 25	10 23 7	6°31'28	1♓26	15°17	12° 5	2°35	24° 8	27°48	7° 5	21°19	10°13	14°56	14°30	29°20	12°23	T 25
W26	10 27 3	7°32'23	16°47	16°40	13°20	3°22	24° 0	27°44	7° 8	21°20	10°11	14°45	14°27	29°27	12°19	W26
T 27	10 31 0	8°33'16	1♈58	18° 4	14°36	4°10	23°53	27°39	7°11	21°21	10°10	14°33	14°24	29°34	12°15	T 27
F 28	10 34 56	9♓34'09	16♈49	19♒30	15♓51	4♈57	23♌45	27♍35	7♈14	21♉22	10♍ 8	14♐24	14♐20	29♌41	12♌11	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 0	12n31	4n10	18s21	2n56	17s57	0s56	7s18	1s 0	12n56	0n40	2n 3	1n53	1n40	0s45	16n20	1s36	14n55	8n 4	22s36	22s28	7n56	8n43	8s 4
S 2	16 43	16 37	3 21	18 28	2 49	17 38	0 57	7 0	1 0	12 58	0 40	2 4	1 54	1 41	0 45	16 20	1 36	14 56	8 4	22 36	22 28	7 54	8 44	8 4
M 3	16 26	19 43	2 23	18 35	2 40	17 18	0 59	6 41	0 59	13 1	0 40	2 6	1 54	1 42	0 45	16 20	1 36	14 57	8 4	22 36	22 28	7 51	8 45	8 4
T 4	16 8	21 43	1 18	18 41	2 31	16 58	1 1	6 22	0 59	13 4	0 40	2 7	1 54	1 43	0 45	16 20	1 36	14 57	8 4	22 36	22 27	7 49	8 46	8 4
W 5	15 50	22 34	0 12	18 46	2 22	16 37	1 3	6 4	0 58	13 7	0 41	2 8	1 54	1 44	0 45	16 20	1 36	14 58	8 4	22 36	22 27	7 46	8 48	8 4
T 6	15 32	22 18	0s54	18 51	2 12	16 15	1 4	5 45	0 58	13 9	0 41	2 10	1 55	1 45	0 45	16 20	1 36	14 59	8 4	22 36	22 27	7 44	8 49	8 4
F 7	15 14	20 58	1 56	18 54	2 2	15 54	1 6	5 26	0 57	13 12	0 41	2 11	1 55	1 46	0 45	16 20	1 36	14 59	8 5	22 36	22 26	7 41	8 50	8 4
S 8	14 55	18 42	2 52	18 56	1 52	15 31	1 7	5 7	0 57	13 15	0 41	2 12	1 55	1 47	0 45	16 20	1 36	15 0	8 5	22 35	22 26	7 39	8 51	8 4
S 9	14 36	15 39	3 40	18 58	1 42	15 9	1 9	4 48	0 56	13 18	0 41	2 14	1 55	1 48	0 45	16 20	1 36	15 1	8 5	22 35	22 25	7 36	8 53	8 4
M10	14 17	12 0	4 18	18 58	1 32	14 46	1 10	4 29	0 55	13 21	0 41	2 15	1 55	1 49	0 45	16 21	1 36	15 1	8 5	22 33	22 25	7 34	8 54	8 4
T 11	13 57	7 53	4 45	18 58	1 21	14 22	1 12	4 10	0 55	13 23	0 41	2 17	1 56	1 50	0 45	16 21	1 36	15 2	8 5	22 32	22 25	7 31	8 55	8 4
W12	13 37	3 30	4 59	18 56	1 11	13 58	1 13	3 51	0 54	13 26	0 42	2 18	1 56	1 51	0 44	16 21	1 36	15 3	8 5	22 31	22 24	7 29	8 57	8 3
T 13	13 18	1s 2	5 0	18 53	1 1	13 34	1 14	3 32	0 54	13 29	0 42	2 20	1 56	1 52	0 44	16 21	1 36	15 3	8 5	22 30	22 24	7 26	8 58	8 3
F 14	12 57	5 32	4 49	18 49	0 51	13 9	1 16	3 13	0 53	13 32	0 42	2 22	1 56	1 54	0 44	16 21	1 36	15 4	8 6	22 28	22 24	7 24	8 59	8 3
S 15	12 37	9 52	4 24	18 44	0 42	12 44	1 17	2 54	0 52	13 35	0 42	2 23	1 56	1 55	0 44	16 21	1 36	15 4	8 6	22 27	22 23	7 21	9 1	8 3
S 16	12 16	13 51	3 47	18 38	0 32	12 19	1 18	2 35	0 52	13 37	0 42	2 25	1 57	1 56	0 44	16 22	1 36	15 5	8 6	22 27	22 23	7 19	9 2	8 3
M17	11 55	17 19	2 59	18 30	0 23	11 53	1 19	2 15	0 51	13 40	0 42	2 26	1 57	1 57	0 44	16 22	1 36	15 6	8 6	22 26	22 23	7 16	9 4	8 2
T 18	11 34	20 3	2 1	18 22	0 13	11 27	1 20	1 56	0 51	13 43	0 42	2 28	1 57	1 58	0 44	16 22	1 35	15 6	8 6	22 26	22 22	7 14	9 5	8 2
W19	11 13	21 50	0 55	18 12	0 4	11 1	1 21	1 37	0 50	13 46	0 42	2 30	1 57	1 59	0 44	16 22	1 35	15 7	8 6	22 26	22 22	7 11	9 6	8 2
T 20	10 52	22 28	0n15	18 1	0s 4	10 34	1 22	1 18	0 49	13 48	0 42	2 32	1 57	2 0	0 44	16 22	1 35	15 8	8 6	22 26	22 22	7 9	9 8	8 1
F 21	10 30	21 46	1 27	17 49	0 13	10 7	1 23	0 58	0 49	13 51	0 42	2 33	1 58	2 2	0 44	16 23	1 35	15 8	8 6	22 26	22 21	7 6	9 9	8 1
S 22	10 8	19 40	2 36	17 35	0 21	9 40	1 24	0 39	0 48	13 54	0 43	2 35	1 58	2 3	0 44	16 23	1 35	15 9	8 7	22 26	22 21	7 4	9 11	8 1
S 23	9 47	16 14	3 36	17 21	0 29	9 13	1 24	0 20	0 48	13 57	0 43	2 37	1 58	2 4	0 44	16 23	1 35	15 10	8 7	22 25	22 21	7 1	9 12	8 0
M24	9 24	11 40	4 23	17 6	0 37	8 45	1 25	0 1	0 47	13 59	0 43	2 39	1 58	2 5	0 44	16 23	1 35	15 10	8 7	22 24	22 20	6 59	9 13	8 0
T 25	9 2	6 19	4 52	16 49	0 44	8 17	1 25	0n18	0 46	14 2	0 43	2 41	1 58	2 6	0 44	16 24	1 35	15 11	8 7	22 23	22 20	6 56	9 15	8 0
W26	8 40	0 33	5 0	16 31	0 51	7 49	1 26	0 38	0 46	14 4	0 43	2 43	1 58	2 8	0 44	16 24	1 35	15 11	8 7	22 22	22 19	6 54	9 16	7 59
T 27	8 17	5n10	4 47	16 12	0 58	7 21	1 26	0 57	0 45	14 7	0 43	2 44	1 59	2 9	0 44	16 24	1 35	15 12	8 7	22 20	22 19	6 51	9 18	7 59
F 28	7s55	10n28	4n14	15s52	1s 5	6s52	1s27	1n16	0s44	14n10	0n43	2n46	1n59	2n10	0s44	16n25	1s35	15n13	8n 7	22s19	22s19	6n49	9n19	7s58

Julian Day Number = 3067740.5, Delta T = 02h34m52s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'35, Lahiri = 47°30'36

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

MARCH 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 38 53	10♓35'00	1♉14	20♒56	17♓ 7	5♈44	23°R38	27°R30	7♈17	21♉23	10°R 7	14°R17	14♐17	29♌47	12°R 8	S 1
S 2	10 42 49	11°35'50	15° 8	22°23	18°22	6°31	23♌30	27♍26	7°20	21°24	10♍ 6	14♐13	14°14	29°54	12♌ 4	S 2
M 3	10 46 46	12°36'39	28°32	23°51	19°37	7°19	23°23	27°21	7°24	21°25	10° 4	14°11	14°11	0♍ 1	12° 0	M 3
T 4	10 50 42	13°37'27	11♊30	25°20	20°52	8° 6	23°16	27°17	7°27	21°26	10° 3	14°10	14° 8	0° 7	11°57	T 4
W 5	10 54 39	14°38'13	24° 4	26°50	22° 8	8°53	23° 9	27°12	7°30	21°27	10° 1	14°10	14° 5	0°14	11°54	W 5
T 6	10 58 36	15°38'58	6♋21	28°21	23°23	9°40	23° 2	27° 7	7°33	21°28	10° 0	14° 9	14° 1	0°21	11°50	T 6
F 7	11 2 32	16°39'41	18°26	29°52	24°38	10°28	22°55	27° 2	7°37	21°29	9°58	14° 6	13°58	0°28	11°47	F 7
S 8	11 6 29	17°40'23	0♌22	1♓25	25°53	11°15	22°48	26°58	7°40	21°30	9°57	14° 0	13°55	0°34	11°44	S 8
S 9	11 10 25	18°41'04	12°14	2°58	27° 9	12° 2	22°42	26°53	7°43	21°32	9°56	13°51	13°52	0°41	11°41	S 9
M10	11 14 22	19°41'43	24° 5	4°32	28°24	12°49	22°35	26°48	7°47	21°33	9°54	13°39	13°49	0°48	11°38	M10
T 11	11 18 18	20°42'21	5♍57	6° 6	29°39	13°36	22°29	26°43	7°50	21°34	9°53	13°26	13°46	0°54	11°35	T 11
W12	11 22 15	21°42'58	17°52	7°42	0♈54	14°23	22°23	26°39	7°53	21°36	9°51	13°11	13°42	1° 1	11°32	W12
T 13	11 26 11	22°43'33	29°51	9°18	2° 9	15°10	22°17	26°34	7°57	21°37	9°50	12°56	13°39	1° 8	11°29	T 13
F 14	11 30 8	23°44'07	11♎56	10°56	3°24	15°57	22°11	26°29	8° 0	21°38	9°49	12°43	13°36	1°15	11°26	F 14
S 15	11 34 5	24°44'40	24° 6	12°34	4°40	16°44	22° 5	26°24	8° 3	21°40	9°47	12°32	13°33	1°21	11°24	S 15
S 16	11 38 1	25°45'11	6♏25	14°13	5°55	17°31	21°59	26°19	8° 7	21°41	9°46	12°24	13°30	1°28	11°21	S 16
M17	11 41 58	26°45'41	18°54	15°53	7°10	18°18	21°54	26°14	8°10	21°43	9°44	12°20	13°26	1°35	11°18	M17
T 18	11 45 54	27°46'11	1♐35	17°34	8°25	19° 5	21°49	26° 9	8°13	21°44	9°43	12°17	13°23	1°42	11°16	T 18
W19	11 49 51	28°46'39	14°32	19°16	9°40	19°52	21°43	26° 5	8°17	21°46	9°42	12°D17	13°20	1°48	11°14	W19
T 20	11 53 47	29°47'06	27°48	20°59	10°55	20°39	21°38	26° 0	8°20	21°47	9°40	12°R17	13°17	1°55	11°11	T 20
F 21	11 57 44	0♈47'31	11♑26	22°42	12°10	21°26	21°34	25°55	8°24	21°49	9°39	12°17	13°14	2° 2	11° 9	F 21
S 22	12 1 40	1°47'56	25°29	24°27	13°25	22°13	21°29	25°50	8°27	21°50	9°38	12°15	13°11	2° 8	11° 7	S 22
S 23	12 5 37	2°48'19	9♒55	26°13	14°40	23° 0	21°24	25°45	8°31	21°52	9°36	12°10	13° 7	2°15	11° 5	S 23
M24	12 9 34	3°48'41	24°42	27°59	15°55	23°47	21°20	25°40	8°34	21°53	9°35	12° 3	13° 4	2°22	11° 3	M24
T 25	12 13 30	4°49'01	9♓44	29°47	17°10	24°34	21°16	25°36	8°37	21°55	9°34	11°54	13° 1	2°29	11° 2	T 25
W26	12 17 27	5°49'20	24°53	1♈36	18°25	25°20	21°12	25°31	8°41	21°57	9°33	11°44	12°58	2°35	11° 0	W26
T 27	12 21 23	6°49'37	9♈57	3°25	19°40	26° 7	21° 8	25°26	8°44	21°59	9°31	11°33	12°55	2°42	10°58	T 27
F 28	12 25 20	7°49'53	24°48	5°16	20°54	26°54	21° 5	25°22	8°48	22° 0	9°30	11°25	12°51	2°49	10°57	F 28
S 29	12 29 16	8°50'07	9♉16	7° 8	22° 9	27°40	21° 1	25°17	8°51	22° 2	9°29	11°18	12°48	2°55	10°55	S 29
S 30	12 33 13	9°50'19	23°17	9° 0	23°24	28°27	20°58	25°12	8°55	22° 4	9°28	11°14	12°45	3° 2	10°54	S 30
M31	12 37 9	10♈50'30	6♊49	10♈54	24♈39	29♈14	20♌55	25♍ 8	8♈58	22♉ 6	9♍27	11°D13	12♐42	3♍ 9	10♌53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s32	15n 1	3n26	15s31	1s11	6s23	1s27	1n35	0s44	14n12	0n43	2n48	1n59	2n11	0s44	16n25	1s35	15n13	8n 7	22s18	22s18	6n46	9n20	7s58
S 2	7 9	18 34	2 27	15 9	1 18	5 54	1 27	1 54	0 43	14 15	0 43	2 50	1 59	2 13	0 44	16 25	1 35	15 14	8 7	22 18	22 18	6 44	9 22	7 57
M 3	6 46	20 59	1 22	14 46	1 23	5 25	1 28	2 13	0 42	14 17	0 43	2 52	1 59	2 14	0 44	16 25	1 35	15 15	8 7	22 18	22 18	6 41	9 23	7 57
T 4	6 23	22 11	0 14	14 21	1 29	4 56	1 28	2 33	0 42	14 19	0 43	2 54	1 59	2 15	0 44	16 26	1 35	15 15	8 7	22 18	22 17	6 39	9 24	7 57
W 5	6 0	22 13	0s52	13 56	1 34	4 27	1 28	2 52	0 41	14 22	0 43	2 56	1 59	2 17	0 44	16 26	1 35	15 16	8 7	22 18	22 17	6 36	9 26	7 56
T 6	5 37	21 10	1 54	13 29	1 39	3 57	1 28	3 11	0 41	14 24	0 43	2 58	1 59	2 18	0 44	16 26	1 35	15 16	8 8	22 17	22 17	6 34	9 27	7 56
F 7	5 13	19 9	2 50	13 2	1 43	3 27	1 28	3 30	0 40	14 26	0 43	3 0	2 0	2 19	0 44	16 27	1 35	15 17	8 8	22 17	22 16	6 31	9 29	7 55
S 8	4 50	16 20	3 38	12 33	1 48	2 58	1 28	3 48	0 39	14 28	0 43	3 2	2 0	2 20	0 44	16 27	1 35	15 18	8 8	22 16	22 16	6 29	9 30	7 55
S 9	4 26	12 52	4 16	12 4	1 51	2 28	1 28	4 7	0 39	14 31	0 43	3 4	2 0	2 22	0 44	16 28	1 34	15 18	8 8	22 15	22 15	6 26	9 31	7 54
M10	4 3	8 55	4 42	11 33	1 55	1 58	1 27	4 26	0 38	14 33	0 44	3 6	2 0	2 23	0 44	16 28	1 34	15 19	8 8	22 14	22 15	6 24	9 33	7 53
T 11	3 39	4 38	4 57	11 1	1 58	1 28	1 27	4 45	0 37	14 35	0 44	3 8	2 0	2 24	0 44	16 28	1 34	15 19	8 8	22 12	22 15	6 21	9 34	7 53
W12	3 15	0 10	4 58	10 29	2 1	0 58	1 27	5 4	0 37	14 37	0 44	3 10	2 0	2 26	0 44	16 29	1 34	15 20	8 8	22 10	22 14	6 19	9 35	7 52
T 13	2 52	4s20	4 47	9 55	2 4	0 28	1 26	5 22	0 36	14 39	0 44	3 12	2 0	2 27	0 44	16 29	1 34	15 20	8 8	22 9	22 14	6 16	9 36	7 52
F 14	2 28	8 42	4 22	9 21	2 6	0n 2	1 26	5 41	0 35	14 41	0 44	3 14	2 0	2 28	0 44	16 29	1 34	15 21	8 8	22 7	22 14	6 14	9 38	7 51
S 15	2 4	12 46	3 45	8 45	2 8	0 32	1 25	5 59	0 35	14 43	0 44	3 16	2 0	2 30	0 44	16 30	1 34	15 21	8 8	22 6	22 13	6 11	9 39	7 50
S 16	1 40	16 20	2 58	8 8	2 9	1 2	1 24	6 18	0 34	14 45	0 44	3 18	2 0	2 31	0 44	16 30	1 34	15 22	8 8	22 5	22 13	6 8	9 40	7 50
M17	1 17	19 13	2 0	7 31	2 10	1 32	1 24	6 36	0 33	14 46	0 44	3 20	2 1	2 32	0 44	16 31	1 34	15 22	8 8	22 4	22 12	6 6	9 42	7 49
T 18	0 53	21 13	0 56	6 53	2 11	2 2	1 23	6 54	0 32	14 48	0 44	3 22	2 1	2 34	0 44	16 31	1 34	15 23	8 8	22 4	22 12	6 3	9 43	7 49
W19	0 29	22 8	0n12	6 13	2 11	2 32	1 22	7 13	0 32	14 50	0 44	3 24	2 1	2 35	0 44	16 31	1 34	15 24	8 8	22 4	22 12	6 1	9 44	7 48
T 20	0 5	21 51	1 21	5 33	2 10	3 2	1 21	7 31	0 31	14 51	0 44	3 26	2 1	2 36	0 44	16 32	1 34	15 24	8 8	22 4	22 11	5 58	9 45	7 47
F 21	0n19	20 16	2 28	4 52	2 10	3 32	1 20	7 49	0 30	14 53	0 44	3 28	2 1	2 38	0 44	16 32	1 34	15 25	8 8	22 4	22 11	5 56	9 46	7 47
S 22	0 43	17 27	3 28	4 9	2 9	4 2	1 19	8 7	0 30	14 54	0 44	3 30	2 1	2 39	0 44	16 33	1 34	15 25	8 8	22 3	22 10	5 53	9 48	7 46
S 23	1 6	13 29	4 16	3 26	2 7	4 32	1 18	8 25	0 29	14 56	0 44	3 31	2 1	2 40	0 44	16 33	1 34	15 25	8 8	22 3	22 10	5 51	9 49	7 45
M24	1 30	8 37	4 49	2 43	2 5	5 1	1 17	8 42	0 28	14 57	0 44	3 33	2 1	2 42	0 44	16 34	1 34	15 26	8 8	22 2	22 10	5 48	9 50	7 45
T 25	1 54	3 10	5 2	1 58	2 3	5 31	1 16	9 0	0 28	14 58	0 44	3 35	2 1	2 43	0 44	16 34	1 34	15 26	8 8	22 1	22 9	5 46	9 51	7 44
W26	2 18	2n30	4 55	1 12	2 0	6 0	1 14	9 18	0 27	15 0	0 44	3 37	2 1	2 44	0 44	16 35	1 34	15 27	8 8	21 59	22 9	5 43	9 52	7 43
T 27	2 41	8 0	4 27	0 26	1 56	6 30	1 13	9 35	0 26	15 1	0 44	3 39	2 1	2 46	0 44	16 35	1 34	15 27	8 8	21 58	22 8	5 41	9 53	7 43
F 28	3 5	12 57	3 41	0n21	1 52	6 59	1 12	9 53	0 26	15 2	0 44	3 41	2 1	2 47	0 44	16 36	1 34	15 28	8 8	21 57	22 8	5 38	9 54	7 42
S 29	3 28	17 0	2 42	1 9	1 48	7 28	1 10	10 10	0 25	15 3	0 44	3 43	2 1	2 48	0 44	16 36	1 34	15 28	8 8	21 56	22 8	5 36	9 56	7 41
S 30	3 52	19 57	1 34	1 57	1 43	7 57	1 9	10 27	0 24	15 4	0 44	3 45	2 1	2 50	0 44	16 37	1 34	15 29	8 8	21 55	22 7	5 33	9 57	7 40
M31	4n15	21n38	0n24	2n47	1s37	8n25	1s 7	10n44	0s23	15n 5	0n44	3n46	2n 1	2n51	0s44	16n37	1s34	15n29	8n 8	21s55	22s 7	5n31	9n58	7s40

Julian Day Number = 3067768.5, Delta T = 02h34m53s
Ecliptic obliquity = 23°13'19, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'39, Lahiri = 47°30'40

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

APRIL 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 41 6	11♈50'38	19♊53	12♈48	25♈54	0♉ 0	20°R52	25°R 3	9♈ 2	22♉ 7	9°R25	11♐13	12♐39	3♍16	10°R52	T 1
W 2	12 45 2	12°50'45	2♋33	14°43	27° 8	0°47	20♌49	24♍59	9° 5	22° 9	9♍24	11°14	12°36	3°22	10♌51	W 2
T 3	12 48 59	13°50'49	14°54	16°39	28°23	1°33	20°47	24°54	9° 8	22°11	9°23	11°R14	12°32	3°29	10°50	T 3
F 4	12 52 56	14°50'52	27° 0	18°36	29°38	2°20	20°45	24°50	9°12	22°13	9°22	11°13	12°29	3°36	10°49	F 4
S 5	12 56 52	15°50'52	8♌56	20°33	0♉52	3° 6	20°42	24°45	9°15	22°15	9°21	11°11	12°26	3°42	10°48	S 5
S 6	13 0 49	16°50'50	20°48	22°31	2° 7	3°53	20°41	24°41	9°19	22°17	9°20	11° 5	12°23	3°49	10°47	S 6
M 7	13 4 45	17°50'46	2♍39	24°29	3°22	4°39	20°39	24°37	9°22	22°19	9°19	10°58	12°20	3°56	10°47	M 7
T 8	13 8 42	18°50'40	14°33	26°27	4°36	5°25	20°37	24°33	9°26	22°21	9°18	10°49	12°17	4° 3	10°46	T 8
W 9	13 12 38	19°50'33	26°32	28°25	5°51	6°12	20°36	24°28	9°29	22°23	9°17	10°39	12°13	4° 9	10°46	W 9
T 10	13 16 35	20°50'23	8♎38	0♉22	7° 5	6°58	20°35	24°24	9°32	22°25	9°16	10°29	12°10	4°16	10°46	T 10
F 11	13 20 31	21°50'11	20°53	2°18	8°20	7°44	20°34	24°20	9°36	22°27	9°15	10°20	12° 7	4°23	10°46	F 11
S 12	13 24 28	22°49'58	3♏17	4°14	9°34	8°30	20°33	24°16	9°39	22°29	9°14	10°13	12° 4	4°30	10°D46	S 12
S 13	13 28 25	23°49'42	15°52	6° 8	10°48	9°16	20°33	24°12	9°43	22°31	9°13	10° 8	12° 1	4°36	10°46	S 13
M14	13 32 21	24°49'25	28°37	8° 0	12° 3	10° 2	20°32	24° 9	9°46	22°33	9°12	10° 5	11°57	4°43	10°46	M14
T 15	13 36 18	25°49'07	11♐34	9°50	13°17	10°48	20°D32	24° 5	9°49	22°35	9°11	10°D 4	11°54	4°50	10°46	T 15
W16	13 40 14	26°48'46	24°44	11°37	14°31	11°34	20°32	24° 1	9°53	22°37	9°10	10° 5	11°51	4°56	10°46	W16
T 17	13 44 11	27°48'24	8♑ 8	13°22	15°46	12°20	20°32	23°57	9°56	22°39	9° 9	10° 7	11°48	5° 3	10°47	T 17
F 18	13 48 7	28°48'01	21°48	15° 2	17° 0	13° 6	20°33	23°54	9°59	22°41	9° 8	10° 8	11°45	5°10	10°47	F 18
S 19	13 52 4	29°47'36	5♒44	16°38	18°14	13°52	20°33	23°50	10° 3	22°43	9° 7	10°R 8	11°42	5°17	10°48	S 19
S 20	13 56 0	0♉47'09	19°57	18°10	19°28	14°38	20°34	23°47	10° 6	22°45	9° 6	10° 6	11°38	5°23	10°49	S 20
M21	13 59 57	1°46'40	4♓24	19°37	20°43	15°24	20°35	23°44	10° 9	22°47	9° 6	10° 3	11°35	5°30	10°50	M21
T 22	14 3 54	2°46'10	19° 2	20°59	21°57	16°10	20°36	23°41	10°12	22°50	9° 5	9°58	11°32	5°37	10°51	T 22
W23	14 7 50	3°45'38	3♈45	22°15	23°11	16°55	20°38	23°37	10°16	22°52	9° 4	9°53	11°29	5°43	10°52	W23
T 24	14 11 47	4°45'04	18°26	23°25	24°25	17°41	20°39	23°34	10°19	22°54	9° 4	9°47	11°26	5°50	10°53	T 24
F 25	14 15 43	5°44'28	2♉58	24°29	25°39	18°27	20°41	23°31	10°22	22°56	9° 3	9°43	11°23	5°57	10°54	F 25
S 26	14 19 40	6°43'51	17°14	25°27	26°53	19°12	20°43	23°28	10°25	22°58	9° 2	9°39	11°19	6° 4	10°55	S 26
S 27	14 23 36	7°43'11	1♊ 8	26°18	28° 7	19°58	20°45	23°26	10°28	23° 0	9° 2	9°38	11°16	6°10	10°57	S 27
M28	14 27 33	8°42'30	14°39	27° 1	29°21	20°43	20°48	23°23	10°32	23° 3	9° 1	9°D37	11°13	6°17	10°58	M28
T 29	14 31 29	9°41'46	27°45	27°38	0♊35	21°29	20°50	23°20	10°35	23° 5	9° 0	9°38	11°10	6°24	11° 0	T 29
W30	14 35 26	10♉41'01	10♋30	28♉ 8	1♊49	22♉14	20♌53	23♍18	10♈38	23♉ 7	9♍ 0	9♐40	11♐ 7	6♍31	11♌ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n39	22n 4	0s46	3n36	1s31	8n54	1s 6	11n 1	0s23	15n 6	0n44	3n48	2n 1	2n52	0s44	16n38	1s34	15n29	8n 7	21s55	22s 6	5n28	9n59	7s39
W 2	5 2	21 20	1 52	4 27	1 25	9 22	1 4	11 18	0 22	15 7	0 44	3 50	2 1	2 54	0 44	16 38	1 34	15 30	8 7	21 55	22 6	5 26	10 0	7 38
T 3	5 25	19 35	2 50	5 17	1 18	9 50	1 2	11 34	0 21	15 8	0 44	3 52	2 1	2 55	0 44	16 38	1 33	15 30	8 7	21 55	22 6	5 23	10 1	7 37
F 4	5 48	16 58	3 40	6 8	1 10	10 18	1 0	11 51	0 21	15 8	0 44	3 53	2 1	2 57	0 44	16 39	1 33	15 31	8 7	21 55	22 5	5 21	10 1	7 37
S 5	6 11	13 41	4 19	7 0	1 2	10 45	0 59	12 7	0 20	15 9	0 44	3 55	2 1	2 58	0 44	16 40	1 33	15 31	8 7	21 55	22 5	5 18	10 2	7 36
S 6	6 34	9 53	4 47	7 51	0 53	11 13	0 57	12 24	0 19	15 10	0 44	3 57	2 1	2 59	0 44	16 40	1 33	15 31	8 7	21 54	22 4	5 16	10 3	7 35
M 7	6 56	5 43	5 2	8 43	0 44	11 40	0 55	12 40	0 19	15 10	0 44	3 59	2 1	3 1	0 44	16 41	1 33	15 32	8 7	21 53	22 4	5 13	10 4	7 34
T 8	7 19	1 20	5 5	9 35	0 35	12 6	0 53	12 56	0 18	15 10	0 44	4 0	2 1	3 2	0 44	16 41	1 33	15 32	8 7	21 52	22 4	5 11	10 5	7 34
W 9	7 41	3s 8	4 54	10 26	0 24	12 33	0 51	13 12	0 17	15 11	0 44	4 2	2 1	3 3	0 44	16 42	1 33	15 32	8 7	21 50	22 3	5 8	10 6	7 33
T 10	8 4	7 32	4 30	11 17	0 14	12 59	0 49	13 27	0 17	15 11	0 43	4 3	2 1	3 4	0 44	16 42	1 33	15 33	8 7	21 49	22 3	5 6	10 7	7 32
F 11	8 26	11 41	3 53	12 7	0 3	13 25	0 47	13 43	0 16	15 11	0 43	4 5	2 1	3 6	0 44	16 43	1 33	15 33	8 7	21 48	22 2	5 3	10 7	7 31
S 12	8 48	15 24	3 5	12 57	0n 8	13 50	0 45	13 58	0 15	15 12	0 43	4 6	2 1	3 7	0 44	16 43	1 33	15 33	8 7	21 47	22 2	5 1	10 8	7 31
S 13	9 10	18 28	2 7	13 46	0 20	14 16	0 42	14 13	0 14	15 12	0 43	4 8	2 1	3 8	0 44	16 44	1 33	15 33	8 7	21 46	22 2	4 58	10 9	7 30
M14	9 32	20 40	1 2	14 33	0 32	14 40	0 40	14 29	0 14	15 12	0 43	4 9	2 1	3 10	0 44	16 44	1 33	15 34	8 7	21 46	22 1	4 56	10 10	7 29
T 15	9 53	21 50	0n 8	15 20	0 44	15 5	0 38	14 44	0 13	15 12	0 43	4 11	2 1	3 11	0 44	16 45	1 33	15 34	8 6	21 45	22 1	4 53	10 10	7 28
W16	10 15	21 49	1 19	16 4	0 56	15 29	0 36	14 58	0 12	15 12	0 43	4 12	2 1	3 12	0 44	16 45	1 33	15 34	8 6	21 46	22 0	4 51	10 11	7 27
T 17	10 36	20 33	2 26	16 47	1 8	15 53	0 33	15 13	0 12	15 12	0 43	4 14	2 0	3 14	0 44	16 46	1 33	15 34	8 6	21 46	22 0	4 48	10 12	7 27
F 18	10 57	18 4	3 27	17 28	1 20	16 16	0 31	15 27	0 11	15 12	0 43	4 15	2 0	3 15	0 44	16 46	1 33	15 35	8 6	21 46	21 59	4 46	10 12	7 26
S 19	11 18	14 31	4 16	18 7	1 32	16 39	0 29	15 42	0 10	15 11	0 43	4 16	2 0	3 16	0 44	16 47	1 33	15 35	8 6	21 46	21 59	4 43	10 13	7 25
S 20	11 39	10 5	4 51	18 44	1 43	17 1	0 26	15 56	0 10	15 11	0 43	4 17	2 0	3 17	0 44	16 47	1 33	15 35	8 6	21 46	21 59	4 41	10 13	7 24
M21	11 59	5 0	5 9	19 19	1 54	17 23	0 24	16 10	0 9	15 11	0 43	4 19	2 0	3 19	0 44	16 48	1 33	15 35	8 6	21 45	21 58	4 38	10 14	7 24
T 22	12 19	0n25	5 6	19 51	2 5	17 45	0 21	16 24	0 8	15 10	0 43	4 20	2 0	3 20	0 44	16 49	1 33	15 36	8 6	21 45	21 58	4 36	10 14	7 23
W23	12 39	5 50	4 44	20 20	2 15	18 6	0 19	16 37	0 7	15 10	0 43	4 21	2 0	3 21	0 44	16 49	1 33	15 36	8 6	21 44	21 57	4 33	10 15	7 22
T 24	12 59	10 55	4 3	20 47	2 24	18 27	0 16	16 51	0 7	15 9	0 43	4 22	2 0	3 22	0 44	16 50	1 33	15 36	8 6	21 43	21 57	4 31	10 15	7 21
F 25	13 19	15 19	3 7	21 11	2 32	18 47	0 13	17 4	0 6	15 9	0 43	4 23	2 0	3 24	0 44	16 50	1 33	15 36	8 5	21 42	21 56	4 28	10 16	7 20
S 26	13 38	18 44	1 59	21 32	2 40	19 6	0 11	17 17	0 5	15 8	0 43	4 24	2 0	3 25	0 44	16 51	1 33	15 36	8 5	21 42	21 56	4 26	10 16	7 20
S 27	13 58	20 57	0 46	21 51	2 46	19 25	0 8	17 30	0 5	15 7	0 43	4 25	2 0	3 26	0 44	16 51	1 33	15 36	8 5	21 42	21 56	4 23	10 17	7 19
M28	14 16	21 54	0s27	22 6	2 52	19 44	0 6	17 42	0 4	15 7	0 43	4 26	2 0	3 27	0 44	16 52	1 33	15 36	8 5	21 42	21 55	4 21	10 17	7 18
T 29	14 35	21 35	1 38	22 19	2 56	20 2	0 3	17 55	0 3	15 6	0 43	4 27	1 59	3 29	0 44	16 52	1 33	15 37	8 5	21 42	21 55	4 18	10 17	7 17
W30	14n54	20n 8	2s41	22n29	2n59	20n20	0s 0	18n 7	0s 3	15n 5	0n43	4n28	1n59	3n30	0s44	16n53	1s33	15n37	8n 5	21s42	21s54	4n16	10n18	7s17

Julian Day Number = 3067799.5, Delta T = 02h34m54s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'44, Lahiri = 47°30'44

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

MAY 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 39 23	11♉40'13	22♋55	28♉31	3♊ 2	23♉ 0	20♌56	23°R15	10♈41	23♉ 9	8°R59	9♐42	11♐ 3	6♍37	11♌ 4	T 1
F 2	14 43 19	12°39'22	5♌ 4	28°47	4°16	23°45	20°59	23♍13	10°44	23°12	8♍59	9°43	11° 0	6°44	11° 5	F 2
S 3	14 47 16	13°38'30	17° 4	28°56	5°30	24°30	21° 2	23°11	10°47	23°14	8°58	9°R43	10°57	6°51	11° 8	S 3
S 4	14 51 12	14°37'35	28°57	28°R58	6°44	25°15	21° 5	23° 9	10°50	23°16	8°58	9°42	10°54	6°57	11°10	S 4
M 5	14 55 9	15°36'38	10♍50	28°53	7°57	26° 1	21° 9	23° 7	10°53	23°18	8°57	9°40	10°51	7° 4	11°12	M 5
T 6	14 59 5	16°35'39	22°45	28°43	9°11	26°46	21°13	23° 5	10°56	23°21	8°57	9°37	10°48	7°11	11°14	T 6
W 7	15 3 2	17°34'38	4♎48	28°26	10°24	27°31	21°17	23° 3	10°59	23°23	8°57	9°34	10°44	7°18	11°17	W 7
T 8	15 6 58	18°33'34	17° 0	28° 3	11°38	28°16	21°21	23° 1	11° 2	23°25	8°56	9°30	10°41	7°24	11°19	T 8
F 9	15 10 55	19°32'29	29°25	27°36	12°52	29° 1	21°25	23° 0	11° 5	23°27	8°56	9°27	10°38	7°31	11°22	F 9
S 10	15 14 51	20°31'22	12♏ 4	27° 4	14° 5	29°46	21°29	22°58	11° 8	23°30	8°56	9°25	10°35	7°38	11°24	S 10
S 11	15 18 48	21°30'12	24°56	26°28	15°18	0♊31	21°34	22°57	11°10	23°32	8°55	9°23	10°32	7°44	11°27	S 11
M12	15 22 45	22°29'01	8♐ 3	25°50	16°32	1°15	21°39	22°55	11°13	23°34	8°55	9°D22	10°29	7°51	11°30	M12
T 13	15 26 41	23°27'48	21°23	25° 9	17°45	2° 0	21°44	22°54	11°16	23°36	8°55	9°23	10°25	7°58	11°33	T 13
W14	15 30 38	24°26'34	4♑56	24°26	18°58	2°45	21°49	22°53	11°19	23°39	8°55	9°24	10°22	8° 5	11°36	W14
T 15	15 34 34	25°25'17	18°40	23°43	20°12	3°30	21°54	22°52	11°21	23°41	8°55	9°25	10°19	8°11	11°39	T 15
F 16	15 38 31	26°23'59	2♒35	23° 1	21°25	4°14	21°59	22°51	11°24	23°43	8°54	9°26	10°16	8°18	11°42	F 16
S 17	15 42 27	27°22'40	16°38	22°19	22°38	4°59	22° 5	22°51	11°27	23°46	8°54	9°27	10°13	8°25	11°46	S 17
S 18	15 46 24	28°21'18	0♓49	21°39	23°51	5°43	22°11	22°50	11°29	23°48	8°54	9°R27	10° 9	8°32	11°49	S 18
M19	15 50 20	29°19'55	15° 4	21° 1	25° 4	6°28	22°16	22°49	11°32	23°50	8°54	9°26	10° 6	8°38	11°52	M19
T 20	15 54 17	0♊18'31	29°22	20°26	26°17	7°12	22°22	22°49	11°34	23°52	8°D54	9°26	10° 3	8°45	11°56	T 20
W21	15 58 14	1°17'05	13♈39	19°55	27°30	7°57	22°29	22°48	11°37	23°55	8°54	9°25	10° 0	8°52	12° 0	W21
T 22	16 2 10	2°15'38	27°51	19°27	28°43	8°41	22°35	22°48	11°39	23°57	8°54	9°24	9°57	8°58	12° 3	T 22
F 23	16 6 7	3°14'09	11♉54	19° 4	29°56	9°25	22°41	22°48	11°42	23°59	8°54	9°23	9°54	9° 5	12° 7	F 23
S 24	16 10 3	4°12'38	25°45	18°45	1♋ 9	10° 9	22°48	22°D48	11°44	24° 1	8°54	9°23	9°50	9°12	12°11	S 24
S 25	16 14 0	5°11'06	9♊21	18°31	2°22	10°54	22°55	22°48	11°47	24° 4	8°54	9°D23	9°47	9°19	12°15	S 25
M26	16 17 56	6° 9'32	22°39	18°21	3°35	11°38	23° 2	22°48	11°49	24° 6	8°55	9°23	9°44	9°25	12°19	M26
T 27	16 21 53	7° 7'56	5♋38	18°D17	4°48	12°22	23° 9	22°49	11°51	24° 8	8°55	9°23	9°41	9°32	12°23	T 27
W28	16 25 50	8° 6'18	18°20	18°17	6° 0	13° 6	23°16	22°49	11°54	24°10	8°55	9°23	9°38	9°39	12°27	W28
T 29	16 29 46	9° 4'38	0♌44	18°22	7°13	13°50	23°23	22°49	11°56	24°12	8°55	9°R23	9°35	9°46	12°32	T 29
F 30	16 33 43	10° 2'57	12°56	18°32	8°26	14°34	23°31	22°50	11°58	24°15	8°55	9°23	9°31	9°52	12°36	F 30
S 31	16 37 39	11♊ 1'13	24♌57	18♉46	9♋38	15♊18	23♌38	22♍51	12♈ 0	24♉17	8♍56	9♐23	9♐28	9♍59	12♌40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n12	17n45	3s35	22n36	3n 1	20n37	0n 2	18n19	0s 2	15n 4	0n43	4n29	1n59	3n31	0s44	16n54	1s33	15n37	8n 5	21s42	21s54	4n13	10n18	7s16
F 2	15 30	14 38	4 18	22 40	3 2	20 53	0 5	18 31	0 1	15 3	0 43	4 30	1 59	3 32	0 44	16 54	1 33	15 37	8 5	21 42	21 53	4 11	10 18	7 15
S 3	15 47	10 58	4 50	22 41	3 1	21 9	0 8	18 43	0 1	15 2	0 43	4 30	1 59	3 33	0 44	16 55	1 33	15 37	8 4	21 42	21 53	4 8	10 18	7 14
S 4	16 5	6 54	5 8	22 39	2 58	21 24	0 10	18 54	0n 0	15 1	0 43	4 31	1 59	3 34	0 44	16 55	1 33	15 37	8 4	21 42	21 52	4 6	10 18	7 13
M 5	16 22	2 35	5 14	22 34	2 54	21 39	0 13	19 6	0 1	15 0	0 43	4 32	1 59	3 36	0 44	16 56	1 33	15 37	8 4	21 42	21 52	4 3	10 19	7 13
T 6	16 39	1s50	5 6	22 26	2 49	21 53	0 16	19 17	0 1	14 58	0 42	4 33	1 59	3 37	0 44	16 56	1 33	15 37	8 4	21 41	21 52	4 1	10 19	7 12
W 7	16 55	6 15	4 44	22 16	2 42	22 7	0 18	19 28	0 2	14 57	0 42	4 33	1 59	3 38	0 44	16 57	1 33	15 37	8 4	21 41	21 51	3 58	10 19	7 11
T 8	17 12	10 28	4 10	22 3	2 34	22 20	0 21	19 38	0 3	14 56	0 42	4 34	1 58	3 39	0 44	16 58	1 33	15 37	8 4	21 40	21 51	3 56	10 19	7 10
F 9	17 27	14 20	3 23	21 47	2 24	22 32	0 24	19 49	0 3	14 54	0 42	4 34	1 58	3 40	0 44	16 58	1 33	15 37	8 4	21 40	21 50	3 54	10 19	7 10
S 10	17 43	17 37	2 25	21 29	2 13	22 43	0 27	19 59	0 4	14 53	0 42	4 35	1 58	3 41	0 44	16 59	1 33	15 37	8 3	21 40	21 50	3 51	10 19	7 9
S 11	17 58	20 6	1 19	21 8	2 0	22 54	0 29	20 9	0 5	14 51	0 42	4 35	1 58	3 42	0 44	16 59	1 33	15 37	8 3	21 39	21 49	3 49	10 19	7 8
M12	18 13	21 34	0 7	20 46	1 46	23 5	0 32	20 19	0 5	14 50	0 42	4 36	1 58	3 43	0 44	17 0	1 33	15 37	8 3	21 39	21 49	3 46	10 19	7 7
T 13	18 28	21 51	1n 6	20 22	1 32	23 14	0 35	20 28	0 6	14 48	0 42	4 36	1 58	3 44	0 44	17 0	1 33	15 37	8 3	21 39	21 48	3 44	10 19	7 7
W14	18 43	20 51	2 17	19 56	1 16	23 23	0 37	20 38	0 7	14 46	0 42	4 36	1 58	3 45	0 44	17 1	1 33	15 37	8 3	21 39	21 48	3 41	10 19	7 6
T 15	18 57	18 37	3 20	19 30	1 0	23 32	0 40	20 47	0 7	14 45	0 42	4 36	1 58	3 46	0 44	17 1	1 33	15 37	8 3	21 40	21 48	3 39	10 19	7 5
F 16	19 10	15 17	4 13	19 3	0 43	23 39	0 43	20 56	0 8	14 43	0 42	4 37	1 57	3 47	0 44	17 2	1 33	15 37	8 3	21 40	21 47	3 36	10 18	7 5
S 17	19 24	11 4	4 52	18 36	0 26	23 46	0 45	21 5	0 9	14 41	0 42	4 37	1 57	3 48	0 44	17 3	1 33	15 36	8 2	21 40	21 47	3 34	10 18	7 4
S 18	19 37	6 12	5 13	18 9	0 8	23 53	0 48	21 13	0 9	14 39	0 42	4 37	1 57	3 49	0 44	17 3	1 33	15 36	8 2	21 40	21 46	3 31	10 18	7 3
M19	19 49	0 59	5 15	17 42	0s 9	23 58	0 51	21 21	0 10	14 37	0 42	4 37	1 57	3 50	0 44	17 4	1 33	15 36	8 2	21 40	21 46	3 29	10 18	7 2
T 20	20 2	4n18	4 58	17 16	0 26	24 3	0 53	21 29	0 11	14 35	0 42	4 37	1 57	3 51	0 44	17 4	1 33	15 36	8 2	21 40	21 45	3 26	10 18	7 2
W21	20 14	9 22	4 22	16 52	0 43	24 8	0 56	21 37	0 11	14 33	0 42	4 37	1 57	3 52	0 44	17 5	1 33	15 36	8 2	21 40	21 45	3 24	10 17	7 1
T 22	20 25	13 53	3 30	16 29	0 59	24 11	0 58	21 45	0 12	14 31	0 42	4 37	1 57	3 53	0 44	17 5	1 33	15 36	8 2	21 39	21 44	3 21	10 17	7 0
F 23	20 37	17 35	2 26	16 7	1 15	24 14	1 1	21 52	0 13	14 29	0 42	4 37	1 56	3 54	0 44	17 6	1 33	15 36	8 1	21 39	21 44	3 19	10 17	7 0
S 24	20 48	20 14	1 15	15 48	1 30	24 16	1 3	21 59	0 13	14 27	0 42	4 37	1 56	3 55	0 44	17 6	1 33	15 35	8 1	21 39	21 43	3 16	10 16	6 59
S 25	20 58	21 39	0 0	15 30	1 45	24 18	1 6	22 6	0 14	14 25	0 42	4 37	1 56	3 56	0 45	17 7	1 33	15 35	8 1	21 39	21 43	3 14	10 16	6 58
M26	21 8	21 48	1s13	15 15	1 58	24 18	1 8	22 13	0 15	14 22	0 42	4 37	1 56	3 57	0 45	17 7	1 33	15 35	8 1	21 39	21 42	3 11	10 15	6 58
T 27	21 18	20 46	2 21	15 1	2 11	24 18	1 10	22 19	0 15	14 20	0 42	4 36	1 56	3 58	0 45	17 8	1 33	15 35	8 1	21 39	21 42	3 9	10 15	6 57
W28	21 28	18 41	3 20	14 50	2 22	24 18	1 13	22 26	0 16	14 18	0 42	4 36	1 56	3 59	0 45	17 8	1 33	15 35	8 1	21 39	21 42	3 6	10 14	6 56
T 29	21 37	15 46	4 8	14 41	2 33	24 16	1 15	22 31	0 16	14 15	0 42	4 36	1 56	3 59	0 45	17 9	1 33	15 34	8 1	21 39	21 41	3 4	10 14	6 56
F 30	21 45	12 14	4 44	14 34	2 43	24 14	1 17	22 37	0 17	14 13	0 41	4 35	1 55	4 0	0 45	17 9	1 33	15 34	8 0	21 39	21 41	3 1	10 13	6 55
S 31	21n53	8n15	5s 7	14n30	2s52	24n12	1n19	22n43	0n18	14n10	0n41	4n35	1n55	4n 1	0s45	17n10	1s33	15n34	8n 0	21s39	21s40	2n59	10n13	6s54

Julian Day Number = 3067829.5, Delta T = 02h34m55s
Ecliptic obliquity = 23°13'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'48, Lahiri = 47°30'48

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

JUNE 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 41 36	11♊59'28	6♍51	19♉ 5	10♋51	16♊ 1	23♌46	22♍52	12♈ 2	24♉19	8♍56	9°D23	9♐25	10♍ 6	12♌45	S 1
M 2	16 45 32	12°57'40	18°45	19°29	12° 3	16°45	23°54	22°53	12° 4	24°21	8°56	9♐23	9°22	10°12	12°49	M 2
T 3	16 49 29	13°55'51	0♎41	19°56	13°16	17°29	24° 2	22°54	12° 6	24°23	8°57	9°23	9°19	10°19	12°54	T 3
W 4	16 53 25	14°53'59	12°45	20°28	14°28	18°13	24°10	22°55	12° 8	24°26	8°57	9°24	9°15	10°26	12°59	W 4
T 5	16 57 22	15°52'06	25° 0	21° 4	15°40	18°56	24°18	22°56	12°10	24°28	8°58	9°24	9°12	10°33	13° 3	T 5
F 6	17 1 19	16°50'12	7♏31	21°44	16°53	19°40	24°26	22°57	12°12	24°30	8°58	9°25	9° 9	10°39	13° 8	F 6
S 7	17 5 15	17°48'15	20°19	22°27	18° 5	20°23	24°35	22°59	12°14	24°32	8°58	9°26	9° 6	10°46	13°13	S 7
S 8	17 9 12	18°46'17	3♐27	23°14	19°17	21° 7	24°43	23° 0	12°16	24°34	8°59	9°R26	9° 3	10°53	13°18	S 8
M 9	17 13 8	19°44'17	16°54	24° 4	20°29	21°50	24°52	23° 2	12°18	24°36	9° 0	9°26	9° 0	10°59	13°23	M 9
T 10	17 17 5	20°42'16	0♑39	24°58	21°41	22°33	25° 1	23° 4	12°20	24°38	9° 0	9°25	8°56	11° 6	13°28	T 10
W11	17 21 1	21°40'14	14°39	25°55	22°53	23°17	25°10	23° 6	12°21	24°40	9° 1	9°24	8°53	11°13	13°34	W11
T 12	17 24 58	22°38'10	28°51	26°55	24° 5	24° 0	25°19	23° 8	12°23	24°42	9° 1	9°23	8°50	11°20	13°39	T 12
F 13	17 28 54	23°36'05	13♒10	27°59	25°17	24°43	25°28	23°10	12°25	24°44	9° 2	9°21	8°47	11°26	13°44	F 13
S 14	17 32 51	24°33'58	27°32	29° 5	26°29	25°26	25°37	23°12	12°26	24°47	9° 3	9°19	8°44	11°33	13°49	S 14
S 15	17 36 48	25°31'50	11♓52	0♊14	27°40	26° 9	25°46	23°14	12°28	24°49	9° 3	9°18	8°40	11°40	13°55	S 15
M16	17 40 44	26°29'42	26° 7	1°25	28°52	26°53	25°56	23°16	12°29	24°51	9° 4	9°D18	8°37	11°47	14° 0	M16
T 17	17 44 41	27°27'32	10♈15	2°40	0♌ 4	27°35	26° 5	23°19	12°31	24°53	9° 5	9°18	8°34	11°53	14° 6	T 17
W18	17 48 37	28°25'21	24°14	3°57	1°15	28°18	26°15	23°21	12°32	24°55	9° 5	9°19	8°31	12° 0	14°11	W18
T 19	17 52 34	29°23'10	8♉ 1	5°17	2°27	29° 1	26°25	23°24	12°33	24°56	9° 6	9°21	8°28	12° 7	14°17	T 19
F 20	17 56 30	0♋20'57	21°38	6°39	3°38	29°44	26°34	23°27	12°35	24°58	9° 7	9°22	8°25	12°13	14°23	F 20
S 21	18 0 27	1°18'43	5♊ 2	8° 4	4°50	0♋27	26°44	23°30	12°36	25° 0	9° 8	9°R23	8°21	12°20	14°29	S 21
S 22	18 4 23	2°16'29	18°14	9°31	6° 1	1°10	26°54	23°33	12°37	25° 2	9° 9	9°22	8°18	12°27	14°34	S 22
M23	18 8 20	3°14'13	1♋12	11° 1	7°12	1°52	27° 5	23°36	12°38	25° 4	9°10	9°21	8°15	12°34	14°40	M23
T 24	18 12 17	4°11'56	13°57	12°33	8°24	2°35	27°15	23°39	12°40	25° 6	9°11	9°19	8°12	12°40	14°46	T 24
W25	18 16 13	5° 9'37	26°28	14° 8	9°35	3°18	27°25	23°42	12°41	25° 8	9°11	9°15	8° 9	12°47	14°52	W25
T 26	18 20 10	6° 7'18	8♌47	15°45	10°46	4° 0	27°35	23°45	12°42	25°10	9°12	9°11	8° 6	12°54	14°58	T 26
F 27	18 24 6	7° 4'57	20°56	17°25	11°57	4°43	27°46	23°49	12°43	25°11	9°13	9° 6	8° 2	13° 1	15° 4	F 27
S 28	18 28 3	8° 2'35	2♍55	19° 7	13° 8	5°25	27°57	23°52	12°44	25°13	9°14	9° 2	7°59	13° 7	15°10	S 28
S 29	18 31 59	9° 0'11	14°49	20°52	14°19	6° 8	28° 7	23°56	12°44	25°15	9°15	8°58	7°56	13°14	15°16	S 29
M30	18 35 56	9♋57'47	26♍42	22♊39	15♌29	6♋50	28♌18	24♍ 0	12♈45	25♉17	9♍16	8♐56	7♐53	13♍21	15♌23	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	4n 0	5s17	14n27	3s 0	24n 8	1n22	22n48	0n18	14n 8	0n41	4n34	1n55	4n 2	0s45	17n11	1s33	15n34	8n 0	21s39	21s40	2n56	10n12	6s54
M 2	22 9	0s24	5 13	14 27	3 7	24 4	1 24	22 53	0 19	14 5	0 41	4 34	1 55	4 3	0 45	17 11	1 33	15 33	8 0	21 39	21 39	2 54	10 12	6 53
T 3	22 16	4 48	4 55	14 28	3 13	23 59	1 26	22 58	0 20	14 3	0 41	4 33	1 55	4 3	0 45	17 12	1 33	15 33	8 0	21 39	21 39	2 51	10 11	6 52
W 4	22 23	9 4	4 25	14 31	3 18	23 54	1 28	23 2	0 20	14 0	0 41	4 33	1 55	4 4	0 45	17 12	1 33	15 33	8 0	21 39	21 38	2 49	10 10	6 52
T 5	22 29	13 2	3 42	14 36	3 22	23 48	1 30	23 7	0 21	13 57	0 41	4 32	1 55	4 5	0 45	17 13	1 33	15 33	8 0	21 40	21 38	2 46	10 9	6 51
F 6	22 35	16 32	2 48	14 43	3 25	23 41	1 32	23 11	0 21	13 54	0 41	4 32	1 54	4 6	0 45	17 13	1 33	15 32	7 59	21 40	21 37	2 44	10 9	6 51
S 7	22 40	19 20	1 44	14 52	3 28	23 33	1 34	23 15	0 22	13 52	0 41	4 31	1 54	4 6	0 45	17 14	1 33	15 32	7 59	21 40	21 37	2 42	10 8	6 50
S 8	22 45	21 12	0 33	15 1	3 30	23 25	1 35	23 18	0 23	13 49	0 41	4 30	1 54	4 7	0 45	17 14	1 33	15 32	7 59	21 40	21 36	2 39	10 7	6 49
M 9	22 50	21 54	0n41	15 13	3 31	23 17	1 37	23 22	0 23	13 46	0 41	4 29	1 54	4 8	0 45	17 14	1 33	15 31	7 59	21 40	21 36	2 37	10 6	6 49
T 10	22 54	21 18	1 55	15 25	3 31	23 7	1 39	23 25	0 24	13 43	0 41	4 29	1 54	4 8	0 45	17 15	1 33	15 31	7 59	21 40	21 35	2 34	10 6	6 48
W11	22 58	19 24	3 3	15 39	3 31	22 57	1 40	23 28	0 24	13 40	0 41	4 28	1 54	4 9	0 45	17 15	1 33	15 31	7 59	21 40	21 35	2 32	10 5	6 48
T 12	23 1	16 17	4 0	15 54	3 29	22 46	1 42	23 30	0 25	13 37	0 41	4 27	1 54	4 9	0 45	17 16	1 33	15 30	7 58	21 39	21 34	2 29	10 4	6 47
F 13	23 4	12 10	4 43	16 9	3 28	22 35	1 43	23 33	0 26	13 34	0 41	4 26	1 53	4 10	0 45	17 16	1 33	15 30	7 58	21 39	21 34	2 27	10 3	6 47
S 14	23 7	7 22	5 9	16 26	3 25	22 23	1 45	23 35	0 26	13 31	0 41	4 25	1 53	4 11	0 45	17 17	1 33	15 29	7 58	21 39	21 33	2 24	10 2	6 46
S 15	23 9	2 11	5 15	16 43	3 22	22 10	1 46	23 37	0 27	13 27	0 41	4 24	1 53	4 11	0 45	17 17	1 33	15 29	7 58	21 39	21 33	2 22	10 1	6 46
M16	23 11	3n 6	5 2	17 2	3 18	21 57	1 48	23 38	0 27	13 24	0 41	4 23	1 53	4 12	0 45	17 18	1 33	15 29	7 58	21 39	21 32	2 19	10 0	6 45
T 17	23 12	8 11	4 31	17 20	3 13	21 44	1 49	23 40	0 28	13 21	0 41	4 22	1 53	4 12	0 45	17 18	1 33	15 28	7 58	21 39	21 32	2 17	9 59	6 44
W18	23 13	12 47	3 44	17 40	3 8	21 29	1 50	23 41	0 29	13 18	0 41	4 20	1 53	4 13	0 45	17 19	1 33	15 28	7 58	21 39	21 31	2 14	9 58	6 44
T 19	23 13	16 39	2 44	17 59	3 3	21 14	1 51	23 42	0 29	13 15	0 41	4 19	1 53	4 13	0 45	17 19	1 33	15 27	7 57	21 39	21 31	2 12	9 57	6 43
F 20	23 13	19 33	1 36	18 19	2 57	20 59	1 52	23 43	0 30	13 11	0 41	4 18	1 52	4 14	0 45	17 19	1 33	15 27	7 57	21 39	21 30	2 9	9 56	6 43
S 21	23 13	21 20	0 24	18 39	2 50	20 43	1 53	23 43	0 30	13 8	0 41	4 17	1 52	4 14	0 45	17 20	1 33	15 27	7 57	21 39	21 30	2 7	9 55	6 42
S 22	23 12	21 54	0s49	19 0	2 43	20 26	1 54	23 44	0 31	13 4	0 41	4 16	1 52	4 15	0 45	17 20	1 33	15 26	7 57	21 39	21 29	2 5	9 53	6 42
M23	23 11	21 16	1 57	19 20	2 35	20 9	1 55	23 44	0 31	13 1	0 41	4 14	1 52	4 15	0 45	17 21	1 34	15 26	7 57	21 39	21 29	2 2	9 52	6 41
T 24	23 9	19 32	2 59	19 40	2 27	19 51	1 55	23 44	0 32	12 57	0 41	4 13	1 52	4 15	0 45	17 21	1 34	15 25	7 57	21 39	21 28	2 0	9 51	6 41
W25	23 7	16 54	3 50	20 0	2 19	19 33	1 56	23 43	0 32	12 54	0 41	4 11	1 52	4 16	0 45	17 22	1 34	15 25	7 57	21 38	21 28	1 57	9 50	6 41
T 26	23 5	13 33	4 30	20 19	2 10	19 15	1 56	23 43	0 33	12 50	0 41	4 10	1 52	4 16	0 46	17 22	1 34	15 24	7 57	21 37	21 27	1 55	9 48	6 40
F 27	23 2	9 41	4 57	20 38	2 0	18 55	1 57	23 42	0 34	12 47	0 41	4 9	1 51	4 17	0 46	17 22	1 34	15 24	7 56	21 37	21 27	1 52	9 47	6 40
S 28	22 59	5 30	5 11	20 57	1 51	18 36	1 57	23 41	0 34	12 43	0 41	4 7	1 51	4 17	0 46	17 23	1 34	15 23	7 56	21 36	21 26	1 50	9 46	6 39
S 29	22 55	1 8	5 11	21 14	1 40	18 16	1 58	23 39	0 35	12 39	0 41	4 6	1 51	4 17	0 46	17 23	1 34	15 23	7 56	21 36	21 26	1 47	9 45	6 39
M30	22n51	3s16	4s58	21n31	1s30	17n55	1n58	23n38	0n35	12n36	0n41	4n 4	1n51	4n17	0s46	17n23	1s34	15n22	7n56	21s35	21s25	1n45	9n43	6s38

Julian Day Number = 3067860.5, Delta T = 02h34m56s
Ecliptic obliquity = 23°13'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'52, Lahiri = 47°30'53

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

JULY 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 39 52	10♋55'21	8♎37	24♊28	16♌40	7♋32	28♌29	24♍ 3	12♈46	25♉18	9♍18	8°D55	7♐50	13♍27	15♌29	T 1
W 2	18 43 49	11°52'54	20°39	26°20	17°51	8°14	28°40	24° 7	12°47	25°20	9°19	8♐55	7°46	13°34	15°35	W 2
T 3	18 47 46	12°50'26	2♏54	28°14	19° 1	8°57	28°51	24°11	12°47	25°22	9°20	8°57	7°43	13°41	15°42	T 3
F 4	18 51 42	13°47'56	15°25	0♋10	20°12	9°39	29° 2	24°15	12°48	25°24	9°21	8°58	7°40	13°48	15°48	F 4
S 5	18 55 39	14°45'26	28°17	2° 9	21°22	10°21	29°13	24°19	12°49	25°25	9°22	9° 0	7°37	13°54	15°54	S 5
S 6	18 59 35	15°42'54	11♐32	4°10	22°32	11° 3	29°24	24°23	12°49	25°27	9°23	9°R 0	7°34	14° 1	16° 1	S 6
M 7	19 3 32	16°40'22	25°13	6°12	23°43	11°45	29°35	24°28	12°50	25°28	9°24	8°59	7°31	14° 8	16° 7	M 7
T 8	19 7 28	17°37'48	9♑17	8°17	24°53	12°27	29°46	24°32	12°50	25°30	9°26	8°56	7°27	14°14	16°14	T 8
W 9	19 11 25	18°35'14	23°41	10°23	26° 3	13° 9	29°58	24°37	12°51	25°31	9°27	8°52	7°24	14°21	16°20	W 9
T 10	19 15 22	19°32'39	8♒20	12°31	27°13	13°50	0♍ 9	24°41	12°51	25°33	9°28	8°46	7°21	14°28	16°27	T 10
F 11	19 19 18	20°30'03	23° 7	14°40	28°23	14°32	0°21	24°46	12°51	25°34	9°29	8°40	7°18	14°35	16°34	F 11
S 12	19 23 15	21°27'27	7♓53	16°51	29°32	15°14	0°32	24°50	12°52	25°36	9°31	8°34	7°15	14°41	16°40	S 12
S 13	19 27 11	22°24'51	22°31	19° 2	0♍42	15°56	0°44	24°55	12°52	25°37	9°32	8°30	7°12	14°48	16°47	S 13
M14	19 31 8	23°22'14	6♈56	21°14	1°52	16°37	0°56	25° 0	12°52	25°39	9°33	8°27	7° 8	14°55	16°54	M14
T 15	19 35 4	24°19'36	21° 5	23°26	3° 1	17°19	1° 8	25° 5	12°52	25°40	9°35	8°D25	7° 5	15° 2	17° 0	T 15
W16	19 39 1	25°16'59	4♉57	25°38	4°10	18° 0	1°19	25°10	12°52	25°42	9°36	8°26	7° 2	15° 8	17° 7	W16
T 17	19 42 57	26°14'21	18°30	27°49	5°20	18°42	1°31	25°15	12°R52	25°43	9°38	8°27	6°59	15°15	17°14	T 17
F 18	19 46 54	27°11'43	1♊48	0♌ 1	6°29	19°23	1°43	25°20	12°52	25°44	9°39	8°R28	6°56	15°22	17°21	F 18
S 19	19 50 51	28° 9'05	14°51	2°11	7°38	20° 5	1°55	25°25	12°52	25°45	9°40	8°28	6°52	15°28	17°28	S 19
S 20	19 54 47	29° 6'27	27°41	4°21	8°47	20°46	2° 7	25°30	12°52	25°47	9°42	8°26	6°49	15°35	17°35	S 20
M21	19 58 44	0♌ 3'48	10♋20	6°29	9°56	21°27	2°19	25°36	12°52	25°48	9°43	8°22	6°46	15°42	17°42	M21
T 22	20 2 40	1° 1'09	22°48	8°36	11° 5	22° 9	2°32	25°41	12°51	25°49	9°45	8°16	6°43	15°49	17°49	T 22
W23	20 6 37	1°58'30	5♌ 6	10°41	12°13	22°50	2°44	25°47	12°51	25°50	9°46	8° 7	6°40	15°55	17°55	W23
T 24	20 10 33	2°55'50	17°16	12°45	13°22	23°31	2°56	25°52	12°51	25°51	9°48	7°57	6°37	16° 2	18° 2	T 24
F 25	20 14 30	3°53'10	29°18	14°47	14°30	24°12	3° 8	25°58	12°50	25°53	9°49	7°47	6°33	16° 9	18° 9	F 25
S 26	20 18 26	4°50'30	11♍14	16°47	15°39	24°53	3°21	26° 3	12°50	25°54	9°51	7°37	6°30	16°15	18°17	S 26
S 27	20 22 23	5°47'49	23° 6	18°45	16°47	25°34	3°33	26° 9	12°50	25°55	9°52	7°28	6°27	16°22	18°24	S 27
M28	20 26 20	6°45'08	4♎57	20°41	17°55	26°15	3°46	26°15	12°49	25°56	9°54	7°21	6°24	16°29	18°31	M28
T 29	20 30 16	7°42'26	16°51	22°35	19° 3	26°56	3°58	26°21	12°49	25°57	9°56	7°17	6°21	16°36	18°38	T 29
W30	20 34 13	8°39'44	28°51	24°27	20°10	27°37	4°11	26°27	12°48	25°58	9°57	7°15	6°18	16°42	18°45	W30
T 31	20 38 9	9♌37'02	11♏ 3	26♌17	21♍18	28♋18	4♍23	26♍33	12♈47	25♉59	9♍59	7°D14	6♐14	16♍49	18♌52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n47	7s33	4s32	21n47	1s20	17n34	1n58	23n36	0n36	12n32	0n41	4n 2	1n51	4n18	0s46	17n24	1s34	15n22	7n56	21s35	21s25	1n42	9n42	6s38
W 2	22 42	11 36	3 54	22 1	1 9	17 13	1 58	23 34	0 36	12 28	0 41	4 1	1 51	4 18	0 46	17 24	1 34	15 21	7 56	21 35	21 24	1 40	9 40	6 38
T 3	22 36	15 15	3 4	22 15	0 58	16 51	1 58	23 32	0 37	12 25	0 41	3 59	1 51	4 18	0 46	17 25	1 34	15 21	7 56	21 35	21 24	1 38	9 39	6 37
F 4	22 31	18 18	2 5	22 26	0 47	16 29	1 58	23 30	0 37	12 21	0 41	3 57	1 51	4 18	0 46	17 25	1 34	15 20	7 56	21 36	21 23	1 35	9 38	6 37
S 5	22 25	20 32	0 58	22 37	0 36	16 6	1 57	23 27	0 38	12 17	0 41	3 56	1 50	4 19	0 46	17 25	1 34	15 20	7 56	21 36	21 23	1 33	9 36	6 36
S 6	22 18	21 44	0n14	22 45	0 25	15 43	1 57	23 24	0 38	12 13	0 41	3 54	1 50	4 19	0 46	17 26	1 34	15 19	7 55	21 36	21 22	1 30	9 35	6 36
M 7	22 12	21 41	1 27	22 51	0 13	15 20	1 57	23 21	0 39	12 9	0 41	3 52	1 50	4 19	0 46	17 26	1 34	15 18	7 55	21 36	21 22	1 28	9 33	6 36
T 8	22 4	20 17	2 37	22 56	0 2	14 56	1 56	23 18	0 39	12 5	0 41	3 50	1 50	4 19	0 46	17 26	1 34	15 18	7 55	21 35	21 21	1 25	9 32	6 35
W 9	21 57	17 35	3 39	22 58	0n 8	14 32	1 55	23 14	0 40	12 1	0 41	3 48	1 50	4 19	0 46	17 27	1 34	15 17	7 55	21 35	21 21	1 23	9 30	6 35
T 10	21 49	13 43	4 27	22 57	0 19	14 7	1 55	23 11	0 40	11 57	0 41	3 47	1 50	4 19	0 46	17 27	1 34	15 17	7 55	21 34	21 20	1 20	9 29	6 35
F 11	21 40	9 0	4 58	22 54	0 29	13 43	1 54	23 7	0 41	11 53	0 41	3 45	1 50	4 19	0 46	17 27	1 34	15 16	7 55	21 33	21 20	1 18	9 27	6 34
S 12	21 32	3 45	5 9	22 49	0 39	13 18	1 53	23 3	0 41	11 49	0 41	3 43	1 50	4 20	0 46	17 27	1 34	15 16	7 55	21 32	21 19	1 16	9 25	6 34
S 13	21 23	1n39	5 0	22 41	0 49	12 52	1 52	22 59	0 42	11 45	0 41	3 41	1 49	4 20	0 46	17 28	1 34	15 15	7 55	21 31	21 19	1 13	9 24	6 34
M14	21 13	6 54	4 32	22 31	0 58	12 27	1 51	22 54	0 42	11 41	0 41	3 39	1 49	4 20	0 46	17 28	1 34	15 14	7 55	21 31	21 18	1 11	9 22	6 33
T 15	21 3	11 41	3 48	22 18	1 6	12 1	1 49	22 49	0 43	11 37	0 41	3 37	1 49	4 20	0 46	17 28	1 34	15 14	7 55	21 31	21 18	1 8	9 20	6 33
W16	20 53	15 44	2 51	22 2	1 14	11 34	1 48	22 44	0 43	11 33	0 41	3 35	1 49	4 20	0 46	17 29	1 34	15 13	7 54	21 31	21 17	1 6	9 19	6 33
T 17	20 43	18 52	1 46	21 44	1 21	11 8	1 47	22 39	0 44	11 28	0 41	3 33	1 49	4 20	0 46	17 29	1 34	15 13	7 54	21 31	21 17	1 3	9 17	6 32
F 18	20 32	20 55	0 36	21 23	1 27	10 41	1 45	22 34	0 44	11 24	0 41	3 30	1 49	4 20	0 46	17 29	1 35	15 12	7 54	21 31	21 16	1 1	9 15	6 32
S 19	20 21	21 48	0s34	21 0	1 33	10 14	1 44	22 29	0 45	11 20	0 41	3 28	1 49	4 19	0 46	17 29	1 35	15 11	7 54	21 31	21 16	0 58	9 13	6 32
S 20	20 9	21 31	1 42	20 35	1 38	9 47	1 42	22 23	0 45	11 16	0 41	3 26	1 49	4 19	0 46	17 30	1 35	15 11	7 54	21 31	21 15	0 56	9 12	6 32
M21	19 57	20 7	2 43	20 8	1 42	9 19	1 40	22 17	0 46	11 11	0 41	3 24	1 49	4 19	0 46	17 30	1 35	15 10	7 54	21 30	21 15	0 54	9 10	6 31
T 22	19 45	17 47	3 35	19 38	1 45	8 52	1 38	22 11	0 46	11 7	0 41	3 22	1 49	4 19	0 46	17 30	1 35	15 10	7 54	21 29	21 14	0 51	9 8	6 31
W23	19 32	14 40	4 16	19 7	1 48	8 24	1 36	22 5	0 47	11 3	0 41	3 20	1 48	4 19	0 46	17 30	1 35	15 9	7 54	21 28	21 13	0 49	9 6	6 31
T 24	19 20	10 59	4 45	18 35	1 49	7 56	1 34	21 58	0 47	10 58	0 41	3 17	1 48	4 19	0 47	17 31	1 35	15 8	7 54	21 26	21 13	0 46	9 4	6 31
F 25	19 6	6 54	5 1	18 1	1 50	7 28	1 32	21 52	0 48	10 54	0 41	3 15	1 48	4 19	0 47	17 31	1 35	15 8	7 54	21 24	21 12	0 44	9 3	6 30
S 26	18 53	2 35	5 4	17 26	1 51	6 59	1 29	21 45	0 48	10 49	0 41	3 13	1 48	4 19	0 47	17 31	1 35	15 7	7 54	21 23	21 12	0 41	9 1	6 30
S 27	18 39	1s47	4 53	16 49	1 50	6 31	1 27	21 38	0 49	10 45	0 41	3 10	1 48	4 18	0 47	17 31	1 35	15 6	7 54	21 21	21 11	0 39	8 59	6 30
M28	18 25	6 6	4 30	16 12	1 49	6 2	1 24	21 31	0 49	10 41	0 41	3 8	1 48	4 18	0 47	17 31	1 35	15 6	7 54	21 20	21 11	0 37	8 57	6 30
T 29	18 11	10 11	3 55	15 33	1 47	5 33	1 22	21 23	0 50	10 36	0 41	3 6	1 48	4 18	0 47	17 32	1 35	15 5	7 54	21 20	21 10	0 34	8 55	6 30
W30	17 56	13 56	3 10	14 54	1 45	5 4	1 19	21 16	0 50	10 32	0 41	3 3	1 48	4 18	0 47	17 32	1 35	15 4	7 54	21 19	21 10	0 32	8 53	6 29
T 31	17n41	17s 9	2s15	14n14	1n42	4n35	1n16	21n 8	0n50	10n27	0n41	3n 1	1n48	4n17	0s47	17n32	1s35	15n 4	7n54	21s19	21s 9	0n29	8n51	6s29

Julian Day Number = 3067890.5, Delta T = 02h34m56s
Ecliptic obliquity = 23°13'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°23'56, Lahiri = 47°30'57

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

AUGUST 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 42 6	10♌34'19	23♏31	28♌ 5	22♍26	28♋59	4♍36	26♍39	12°R47	25♉59	10♍ 0	7♐15	6♐11	16♍56	18♌59	F 1
S 2	20 46 2	11°31'36	6♐21	29°51	23°33	29°39	4°48	26°45	12♈46	26° 0	10° 2	7°R15	6° 8	17° 2	19° 6	S 2
S 3	20 49 59	12°28'53	19°36	1♍35	24°40	0♌20	5° 1	26°51	12°45	26° 1	10° 4	7°14	6° 5	17° 9	19°13	S 3
M 4	20 53 55	13°26'10	3♑19	3°17	25°47	1° 1	5°14	26°57	12°44	26° 2	10° 5	7°12	6° 2	17°16	19°20	M 4
T 5	20 57 52	14°23'26	17°31	4°57	26°54	1°41	5°27	27° 3	12°43	26° 3	10° 7	7° 7	5°58	17°23	19°28	T 5
W 6	21 1 49	15°20'43	2♒ 8	6°35	28° 1	2°22	5°39	27°10	12°42	26° 4	10° 9	7° 0	5°55	17°29	19°35	W 6
T 7	21 5 45	16°17'59	17° 6	8°10	29° 8	3° 2	5°52	27°16	12°41	26° 4	10°10	6°51	5°52	17°36	19°42	T 7
F 8	21 9 42	17°15'15	2♓14	9°44	0♎14	3°43	6° 5	27°22	12°40	26° 5	10°12	6°41	5°49	17°43	19°49	F 8
S 9	21 13 38	18°12'32	17°22	11°16	1°20	4°23	6°18	27°29	12°39	26° 6	10°14	6°31	5°46	17°50	19°56	S 9
S 10	21 17 35	19° 9'49	2♈21	12°45	2°26	5° 3	6°31	27°35	12°38	26° 6	10°15	6°23	5°43	17°56	20° 4	S 10
M11	21 21 31	20° 7'06	17° 2	14°13	3°32	5°44	6°44	27°42	12°37	26° 7	10°17	6°17	5°39	18° 3	20°11	M11
T 12	21 25 28	21° 4'24	1♉21	15°38	4°38	6°24	6°56	27°48	12°36	26° 7	10°19	6°14	5°36	18°10	20°18	T 12
W13	21 29 24	22° 1'43	15°15	17° 1	5°43	7° 4	7° 9	27°55	12°35	26° 8	10°21	6°13	5°33	18°16	20°25	W13
T 14	21 33 21	22°59'02	28°46	18°22	6°49	7°45	7°22	28° 2	12°33	26° 8	10°22	6°13	5°30	18°23	20°32	T 14
F 15	21 37 18	23°56'22	11♊55	19°41	7°54	8°25	7°35	28° 9	12°32	26° 9	10°24	6°13	5°27	18°30	20°40	F 15
S 16	21 41 14	24°53'43	24°46	20°57	8°59	9° 5	7°48	28°15	12°31	26° 9	10°26	6°11	5°24	18°37	20°47	S 16
S 17	21 45 11	25°51'04	7♋22	22°11	10° 4	9°45	8° 2	28°22	12°29	26°10	10°28	6° 8	5°20	18°43	20°54	S 17
M18	21 49 7	26°48'26	19°46	23°23	11° 8	10°25	8°15	28°29	12°28	26°10	10°30	6° 2	5°17	18°50	21° 1	M18
T 19	21 53 4	27°45'49	2♌ 0	24°32	12°13	11° 5	8°28	28°36	12°27	26°10	10°31	5°53	5°14	18°57	21° 8	T 19
W20	21 57 0	28°43'12	14° 7	25°39	13°17	11°45	8°41	28°43	12°25	26°11	10°33	5°42	5°11	19° 3	21°16	W20
T 21	22 0 57	29°40'36	26° 8	26°43	14°21	12°25	8°54	28°50	12°24	26°11	10°35	5°29	5° 8	19°10	21°23	T 21
F 22	22 4 53	0♍38'00	8♍ 4	27°45	15°25	13° 5	9° 7	28°57	12°22	26°11	10°37	5°15	5° 4	19°17	21°30	F 22
S 23	22 8 50	1°35'25	19°56	28°43	16°28	13°44	9°20	29° 4	12°20	26°11	10°39	5° 1	5° 1	19°24	21°37	S 23
S 24	22 12 47	2°32'50	1♎47	29°39	17°31	14°24	9°33	29°11	12°19	26°11	10°40	4°49	4°58	19°30	21°44	S 24
M25	22 16 43	3°30'16	13°38	0♎32	18°34	15° 4	9°47	29°18	12°17	26°12	10°42	4°40	4°55	19°37	21°51	M25
T 26	22 20 40	4°27'42	25°32	1°21	19°37	15°44	10° 0	29°25	12°15	26°12	10°44	4°33	4°52	19°44	21°59	T 26
W27	22 24 36	5°25'09	7♏32	2° 7	20°40	16°23	10°13	29°32	12°14	26°12	10°46	4°28	4°49	19°50	22° 6	W27
T 28	22 28 33	6°22'37	19°43	2°50	21°42	17° 3	10°26	29°39	12°12	26°R12	10°48	4°26	4°45	19°57	22°13	T 28
F 29	22 32 29	7°20'04	2♐ 8	3°29	22°44	17°43	10°39	29°47	12°10	26°12	10°50	4°26	4°42	20° 4	22°20	F 29
S 30	22 36 26	8°17'33	14°54	4° 4	23°45	18°22	10°52	29°54	12° 8	26°12	10°51	4°26	4°39	20°11	22°27	S 30
S 31	22 40 22	9♍15'02	28♐ 4	4♎35	24♎47	19♌ 2	11♍ 6	0♎ 1	12♈ 6	26♉12	10♍53	4♐25	4♐36	20♍17	22♌34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n26	19s39	1s13	13n34	1n38	4n 6	1n13	21n 0	0n51	10n23	0n41	2n58	1n48	4n17	0s47	17n32	1s35	15n 3	7n53	21s19	21s 9	0n27	8n49	6s29
S 2	17 10	21 15	0 5	12 53	1 34	3 37	1 10	20 52	0 51	10 18	0 41	2 56	1 48	4 17	0 47	17 32	1 35	15 3	7 53	21 19	21 8	0 25	8 47	6 29
S 3	16 54	21 44	1n 5	12 12	1 29	3 8	1 7	20 44	0 52	10 13	0 41	2 53	1 48	4 16	0 47	17 32	1 35	15 2	7 53	21 19	21 8	0 22	8 45	6 29
M 4	16 38	20 57	2 14	11 30	1 23	2 38	1 4	20 36	0 52	10 9	0 41	2 51	1 47	4 16	0 47	17 32	1 35	15 1	7 53	21 19	21 7	0 20	8 43	6 29
T 5	16 22	18 50	3 17	10 49	1 17	2 9	1 0	20 28	0 53	10 4	0 41	2 48	1 47	4 16	0 47	17 33	1 35	15 1	7 53	21 18	21 6	0 17	8 41	6 29
W 6	16 5	15 28	4 8	10 7	1 11	1 39	0 57	20 19	0 53	10 0	0 41	2 46	1 47	4 15	0 47	17 33	1 35	15 0	7 53	21 17	21 6	0 15	8 39	6 28
T 7	15 48	11 3	4 44	9 25	1 4	1 10	0 53	20 10	0 53	9 55	0 41	2 43	1 47	4 15	0 47	17 33	1 36	14 59	7 53	21 15	21 5	0 12	8 37	6 28
F 8	15 31	5 53	5 1	8 44	0 57	0 40	0 50	20 1	0 54	9 50	0 41	2 41	1 47	4 14	0 47	17 33	1 36	14 59	7 53	21 14	21 5	0 10	8 35	6 28
S 9	15 14	0 23	4 57	8 2	0 49	0 11	0 46	19 52	0 54	9 46	0 41	2 38	1 47	4 14	0 47	17 33	1 36	14 58	7 53	21 12	21 4	0 8	8 33	6 28
S 10	14 56	5n 5	4 32	7 21	0 41	0s19	0 42	19 43	0 55	9 41	0 41	2 35	1 47	4 14	0 47	17 33	1 36	14 57	7 53	21 11	21 4	0 5	8 31	6 28
M11	14 39	10 10	3 49	6 39	0 32	0 48	0 38	19 34	0 55	9 36	0 41	2 33	1 47	4 13	0 47	17 33	1 36	14 57	7 53	21 10	21 3	0 3	8 29	6 28
T 12	14 21	14 33	2 54	5 58	0 23	1 18	0 34	19 24	0 56	9 31	0 41	2 30	1 47	4 13	0 47	17 33	1 36	14 56	7 53	21 9	21 3	0 0	8 26	6 28
W13	14 2	18 0	1 49	5 18	0 14	1 48	0 30	19 14	0 56	9 27	0 41	2 27	1 47	4 12	0 47	17 33	1 36	14 55	7 53	21 9	21 2	0s 2	8 24	6 28
T 14	13 44	20 21	0 39	4 38	0 4	2 17	0 26	19 5	0 56	9 22	0 41	2 25	1 47	4 12	0 47	17 33	1 36	14 55	7 53	21 9	21 2	0 4	8 22	6 28
F 15	13 25	21 31	0s30	3 58	0s 6	2 47	0 22	18 55	0 57	9 17	0 41	2 22	1 47	4 11	0 47	17 33	1 36	14 54	7 53	21 9	21 1	0 7	8 20	6 28
S 16	13 6	21 31	1 37	3 19	0 16	3 16	0 17	18 45	0 57	9 12	0 41	2 19	1 47	4 10	0 47	17 33	1 36	14 53	7 53	21 9	21 0	0 9	8 18	6 28
S 17	12 47	20 25	2 37	2 40	0 26	3 45	0 13	18 34	0 58	9 8	0 42	2 17	1 47	4 10	0 47	17 34	1 36	14 53	7 53	21 8	21 0	0 12	8 16	6 28
M18	12 28	18 21	3 28	2 2	0 37	4 15	0 8	18 24	0 58	9 3	0 42	2 14	1 47	4 9	0 47	17 34	1 36	14 52	7 53	21 7	20 59	0 14	8 13	6 28
T 19	12 8	15 29	4 10	1 25	0 48	4 44	0 3	18 14	0 58	8 58	0 42	2 11	1 47	4 9	0 47	17 34	1 36	14 51	7 53	21 6	20 59	0 16	8 11	6 28
W20	11 49	11 59	4 39	0 48	0 59	5 13	0s 1	18 3	0 59	8 53	0 42	2 8	1 47	4 8	0 47	17 34	1 36	14 51	7 53	21 4	20 58	0 19	8 9	6 28
T 21	11 29	8 3	4 56	0 13	1 11	5 42	0 6	17 52	0 59	8 48	0 42	2 6	1 47	4 8	0 47	17 34	1 36	14 50	7 53	21 1	20 58	0 21	8 7	6 28
F 22	11 9	3 50	4 59	0s22	1 22	6 11	0 11	17 41	1 0	8 43	0 42	2 3	1 47	4 7	0 47	17 34	1 36	14 49	7 53	20 59	20 57	0 24	8 5	6 28
S 23	10 49	0s30	4 50	0 56	1 34	6 40	0 16	17 30	1 0	8 39	0 42	2 0	1 46	4 6	0 47	17 34	1 36	14 49	7 53	20 56	20 56	0 26	8 2	6 28
S 24	10 28	4 48	4 28	1 29	1 45	7 9	0 21	17 19	1 0	8 34	0 42	1 57	1 46	4 6	0 47	17 34	1 36	14 48	7 53	20 54	20 56	0 28	8 0	6 28
M25	10 8	8 56	3 54	2 0	1 57	7 37	0 26	17 8	1 1	8 29	0 42	1 54	1 46	4 5	0 47	17 34	1 37	14 47	7 54	20 53	20 55	0 31	7 58	6 28
T 26	9 47	12 44	3 10	2 31	2 9	8 6	0 32	16 57	1 1	8 24	0 42	1 52	1 46	4 4	0 47	17 34	1 37	14 47	7 54	20 51	20 55	0 33	7 56	6 28
W27	9 26	16 4	2 17	3 0	2 21	8 34	0 37	16 45	1 1	8 19	0 42	1 49	1 46	4 4	0 48	17 33	1 37	14 46	7 54	20 51	20 54	0 36	7 53	6 28
T 28	9 5	18 44	1 17	3 28	2 33	9 2	0 43	16 34	1 2	8 14	0 42	1 46	1 46	4 3	0 48	17 33	1 37	14 45	7 54	20 50	20 54	0 38	7 51	6 28
F 29	8 44	20 36	0 12	3 54	2 45	9 30	0 48	16 22	1 2	8 9	0 42	1 43	1 46	4 2	0 48	17 33	1 37	14 45	7 54	20 50	20 53	0 40	7 49	6 28
S 30	8 23	21 28	0n55	4 18	2 57	9 58	0 54	16 11	1 3	8 4	0 42	1 40	1 46	4 1	0 48	17 33	1 37	14 44	7 54	20 50	20 52	0 43	7 46	6 28
S 31	8n 2	21s11	2n 2	4s41	3s 8	10s26	0s59	15n59	1n 3	8n 0	0n42	1n37	1n46	4n 1	0s48	17n33	1s37	14n43	7n54	20s50	20s52	0s45	7n44	6s28

Julian Day Number = 3067921.5, Delta T = 02h34m57s
Ecliptic obliquity = 23°13'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'01, Lahiri = 47°31'01

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

SEPTEMBER 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 44 19	10♍12'32	11♉43	5♎ 1	25♎48	19♌41	11♍19	0♎ 9	12°R 4	26°R12	10♍55	4°R23	4♐33	20♍24	22♌41	M 1
T 2	22 48 16	11°10'02	25°51	5°24	26°49	20°20	11°32	0°16	12♈ 2	26♉11	10°57	4♐17	4°30	20°31	22°48	T 2
W 3	22 52 12	12° 7'33	10♒28	5°41	27°49	21° 0	11°45	0°23	12° 0	26°11	10°59	4°10	4°26	20°37	22°55	W 3
T 4	22 56 9	13° 5'05	25°28	5°54	28°49	21°39	11°58	0°31	11°58	26°11	11° 1	4° 0	4°23	20°44	23° 2	T 4
F 5	23 0 5	14° 2'37	10♓44	6° 2	29°49	22°18	12°12	0°38	11°56	26°11	11° 2	3°50	4°20	20°51	23° 9	F 5
S 6	23 4 2	15° 0'10	26° 4	6°R 4	0♏48	22°58	12°25	0°45	11°54	26°11	11° 4	3°39	4°17	20°58	23°16	S 6
S 7	23 7 58	15°57'45	11♈17	6° 2	1°47	23°37	12°38	0°53	11°52	26°10	11° 6	3°31	4°14	21° 4	23°23	S 7
M 8	23 11 55	16°55'20	26°12	5°53	2°46	24°16	12°51	1° 0	11°50	26°10	11° 8	3°24	4°10	21°11	23°30	M 8
T 9	23 15 51	17°52'57	10♉43	5°40	3°44	24°55	13° 4	1° 8	11°48	26°10	11°10	3°20	4° 7	21°18	23°37	T 9
W10	23 19 48	18°50'36	24°47	5°20	4°42	25°34	13°18	1°15	11°46	26° 9	11°11	3°19	4° 4	21°25	23°43	W10
T 11	23 23 45	19°48'16	8♊23	4°56	5°39	26°13	13°31	1°23	11°44	26° 9	11°13	3°D19	4° 1	21°31	23°50	T 11
F 12	23 27 41	20°45'57	21°33	4°26	6°36	26°52	13°44	1°30	11°42	26° 8	11°15	3°R19	3°58	21°38	23°57	F 12
S 13	23 31 38	21°43'40	4♋21	3°51	7°33	27°31	13°57	1°38	11°39	26° 8	11°17	3°18	3°55	21°45	24° 4	S 13
S 14	23 35 34	22°41'24	16°51	3°11	8°29	28°10	14°10	1°45	11°37	26° 7	11°19	3°16	3°51	21°51	24°10	S 14
M15	23 39 31	23°39'09	29° 7	2°27	9°24	28°49	14°23	1°53	11°35	26° 7	11°21	3°11	3°48	21°58	24°17	M15
T 16	23 43 27	24°36'56	11♌13	1°39	10°19	29°28	14°36	2° 1	11°33	26° 6	11°22	3° 3	3°45	22° 5	24°24	T 16
W17	23 47 24	25°34'45	23°12	0°49	11°14	0♍ 7	14°49	2° 8	11°30	26° 6	11°24	2°53	3°42	22°12	24°30	W17
T 18	23 51 20	26°32'35	5♍ 7	29♍56	12° 8	0°45	15° 2	2°16	11°28	26° 5	11°26	2°42	3°39	22°18	24°37	T 18
F 19	23 55 17	27°30'26	16°59	29° 3	13° 2	1°24	15°15	2°23	11°26	26° 4	11°28	2°29	3°35	22°25	24°44	F 19
S 20	23 59 13	28°28'19	28°51	28° 9	13°55	2° 3	15°28	2°31	11°24	26° 4	11°29	2°17	3°32	22°32	24°50	S 20
S 21	0 3 10	29°26'12	10♎43	27°17	14°47	2°41	15°41	2°39	11°21	26° 3	11°31	2° 6	3°29	22°38	24°57	S 21
M22	0 7 7	0♎24'08	22°37	26°26	15°39	3°20	15°54	2°46	11°19	26° 2	11°33	1°58	3°26	22°45	25° 3	M22
T 23	0 11 3	1°22'04	4♏36	25°39	16°30	3°59	16° 7	2°54	11°17	26° 1	11°35	1°52	3°23	22°52	25° 9	T 23
W24	0 15 0	2°20'02	16°41	24°57	17°21	4°37	16°20	3° 1	11°14	26° 0	11°37	1°48	3°20	22°59	25°16	W24
T 25	0 18 56	3°18'02	28°56	24°20	18°11	5°16	16°33	3° 9	11°12	26° 0	11°38	1°D47	3°16	23° 5	25°22	T 25
F 26	0 22 53	4°16'02	11♐24	23°49	19° 0	5°54	16°46	3°17	11° 9	25°59	11°40	1°47	3°13	23°12	25°28	F 26
S 27	0 26 49	5°14'04	24°10	23°25	19°48	6°32	16°59	3°24	11° 7	25°58	11°42	1°48	3°10	23°19	25°35	S 27
S 28	0 30 46	6°12'07	7♉17	23° 9	20°36	7°11	17°12	3°32	11° 5	25°57	11°43	1°R49	3° 7	23°25	25°41	S 28
M29	0 34 42	7°10'12	20°49	23°D 0	21°23	7°49	17°25	3°40	11° 2	25°56	11°45	1°48	3° 4	23°32	25°47	M29
T 30	0 38 39	8♎ 8'17	4♒47	23♍ 0	22♏ 9	8♍27	17♍37	3♎47	11♈ 0	25♉55	11♍47	1♐45	3♐ 1	23♍39	25♌53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n40	19s40	3n 3	5s 2	3s19	10s53	1s 5	15n47	1n 3	7n55	0n42	1n34	1n46	4n 0	0s48	17n33	1s37	14n43	7n54	20s49	20s51	0s47	7n42	6s28
T 2	7 19	16 55	3 56	5 21	3 31	11 21	1 11	15 35	1 4	7 50	0 42	1 31	1 46	3 59	0 48	17 33	1 37	14 42	7 54	20 49	20 51	0 50	7 39	6 28
W 3	6 57	13 1	4 36	5 38	3 41	11 48	1 17	15 23	1 4	7 45	0 42	1 29	1 46	3 58	0 48	17 33	1 37	14 41	7 54	20 47	20 50	0 52	7 37	6 29
T 4	6 35	8 14	4 58	5 52	3 51	12 15	1 23	15 11	1 4	7 40	0 42	1 26	1 46	3 58	0 48	17 33	1 37	14 41	7 54	20 45	20 50	0 55	7 35	6 29
F 5	6 13	2 51	4 59	6 4	4 1	12 41	1 29	14 58	1 5	7 35	0 43	1 23	1 46	3 57	0 48	17 33	1 37	14 40	7 54	20 43	20 49	0 57	7 32	6 29
S 6	5 51	2n43	4 38	6 14	4 10	13 8	1 35	14 46	1 5	7 30	0 43	1 20	1 46	3 56	0 48	17 33	1 37	14 40	7 54	20 42	20 48	0 59	7 30	6 29
S 7	5 29	8 5	3 59	6 20	4 19	13 34	1 41	14 33	1 5	7 25	0 43	1 17	1 46	3 55	0 48	17 33	1 37	14 39	7 54	20 40	20 48	1 2	7 28	6 29
M 8	5 7	12 52	3 3	6 24	4 26	14 0	1 47	14 21	1 6	7 20	0 43	1 14	1 46	3 54	0 48	17 32	1 37	14 38	7 54	20 39	20 47	1 4	7 26	6 29
T 9	4 45	16 45	1 57	6 25	4 33	14 25	1 53	14 8	1 6	7 15	0 43	1 11	1 46	3 54	0 48	17 32	1 37	14 38	7 55	20 38	20 47	1 6	7 23	6 29
W10	4 23	19 31	0 45	6 22	4 39	14 51	2 0	13 55	1 6	7 10	0 43	1 8	1 46	3 53	0 48	17 32	1 37	14 37	7 55	20 38	20 46	1 9	7 21	6 30
T 11	4 0	21 4	0s27	6 16	4 43	15 16	2 6	13 43	1 7	7 5	0 43	1 5	1 46	3 52	0 48	17 32	1 37	14 37	7 55	20 38	20 45	1 11	7 18	6 30
F 12	3 38	21 22	1 35	6 7	4 46	15 41	2 12	13 30	1 7	7 0	0 43	1 2	1 46	3 51	0 48	17 32	1 38	14 36	7 55	20 38	20 45	1 14	7 16	6 30
S 13	3 15	20 32	2 37	5 55	4 47	16 6	2 19	13 17	1 7	6 55	0 43	0 59	1 46	3 50	0 48	17 32	1 38	14 35	7 55	20 37	20 44	1 16	7 14	6 30
S 14	2 53	18 42	3 29	5 39	4 47	16 30	2 25	13 4	1 8	6 50	0 43	0 56	1 46	3 49	0 48	17 32	1 38	14 35	7 55	20 37	20 44	1 18	7 11	6 30
M15	2 30	16 3	4 11	5 20	4 45	16 54	2 32	12 51	1 8	6 45	0 43	0 53	1 46	3 48	0 48	17 31	1 38	14 34	7 55	20 36	20 43	1 21	7 9	6 31
T 16	2 7	12 45	4 41	4 58	4 41	17 17	2 38	12 37	1 8	6 41	0 43	0 50	1 46	3 47	0 48	17 31	1 38	14 34	7 55	20 35	20 43	1 23	7 7	6 31
W17	1 44	8 57	4 58	4 32	4 36	17 41	2 45	12 24	1 9	6 36	0 43	0 47	1 46	3 47	0 48	17 31	1 38	14 33	7 55	20 33	20 42	1 25	7 4	6 31
T 18	1 22	4 51	5 2	4 5	4 28	18 4	2 52	12 11	1 9	6 31	0 43	0 44	1 47	3 46	0 48	17 31	1 38	14 32	7 56	20 31	20 41	1 28	7 2	6 31
F 19	0 59	0 35	4 53	3 35	4 19	18 27	2 58	11 57	1 9	6 26	0 44	0 41	1 47	3 45	0 48	17 31	1 38	14 32	7 56	20 28	20 41	1 30	7 0	6 31
S 20	0 36	3s42	4 31	3 4	4 8	18 49	3 5	11 44	1 9	6 21	0 44	0 38	1 47	3 44	0 48	17 30	1 38	14 31	7 56	20 26	20 40	1 32	6 57	6 32
S 21	0 13	7 51	3 57	2 31	3 55	19 11	3 12	11 31	1 10	6 16	0 44	0 36	1 47	3 43	0 48	17 30	1 38	14 31	7 56	20 24	20 40	1 35	6 55	6 32
M22	0s10	11 43	3 13	1 58	3 40	19 33	3 19	11 17	1 10	6 11	0 44	0 33	1 47	3 42	0 48	17 30	1 38	14 30	7 56	20 22	20 39	1 37	6 53	6 32
T 23	0 32	15 8	2 20	1 25	3 25	19 54	3 26	11 3	1 10	6 6	0 44	0 30	1 47	3 41	0 48	17 30	1 38	14 30	7 56	20 21	20 38	1 39	6 50	6 33
W24	0 55	17 57	1 20	0 53	3 8	20 15	3 32	10 50	1 11	6 1	0 44	0 27	1 47	3 40	0 48	17 29	1 38	14 29	7 56	20 20	20 38	1 42	6 48	6 33
T 25	1 18	19 59	0 15	0 22	2 50	20 36	3 39	10 36	1 11	5 56	0 44	0 24	1 47	3 39	0 48	17 29	1 38	14 29	7 57	20 20	20 37	1 44	6 46	6 33
F 26	1 41	21 6	0n51	0n 7	2 31	20 56	3 46	10 22	1 11	5 51	0 44	0 21	1 47	3 38	0 48	17 29	1 38	14 28	7 57	20 20	20 37	1 46	6 43	6 33
S 27	2 4	21 9	1 57	0 34	2 12	21 16	3 53	10 8	1 12	5 47	0 44	0 18	1 47	3 37	0 48	17 29	1 38	14 28	7 57	20 20	20 36	1 49	6 41	6 34
S 28	2 26	20 3	2 59	0 58	1 52	21 35	4 0	9 55	1 12	5 42	0 44	0 15	1 47	3 37	0 48	17 28	1 38	14 27	7 57	20 20	20 35	1 51	6 39	6 34
M29	2 49	17 48	3 52	1 19	1 33	21 54	4 6	9 41	1 12	5 37	0 44	0 12	1 47	3 36	0 48	17 28	1 38	14 27	7 57	20 20	20 35	1 54	6 36	6 34
T 30	3s12	14s28	4n34	1n37	1s14	22s13	4s13	9n27	1n12	5n32	0n45	0n 9	1n47	3n35	0s48	17n28	1s38	14n26	7n57	20s19	20s34	1s56	6n34	6s35

Julian Day Number = 3067952.5, Delta T = 02h34m58s
Ecliptic obliquity = 23°13'17, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'05, Lahiri = 47°31'05

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

OCTOBER 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 42 36	9♎ 6'24	19♒13	23♍ 9	22♏54	9♍ 6	17♍50	3♎55	10°R57	25°R54	11♍48	1°R40	2♐57	23♍46	25♌59	W 1
T 2	0 46 32	10° 4'32	4♓ 2	23°27	23°39	9°44	18° 3	4° 2	10♈55	25♉53	11°50	1♐34	2°54	23°52	26° 5	T 2
F 3	0 50 29	11° 2'41	19° 9	23°53	24°22	10°22	18°15	4°10	10°53	25°52	11°52	1°26	2°51	23°59	26°11	F 3
S 4	0 54 25	12° 0'52	4♈24	24°28	25° 4	11° 0	18°28	4°18	10°50	25°51	11°53	1°19	2°48	24° 6	26°17	S 4
S 5	0 58 22	12°59'05	19°36	25°11	25°46	11°38	18°41	4°25	10°48	25°50	11°55	1°12	2°45	24°12	26°23	S 5
M 6	1 2 18	13°57'19	4♉35	26° 2	26°26	12°16	18°53	4°33	10°45	25°49	11°57	1° 8	2°41	24°19	26°28	M 6
T 7	1 6 15	14°55'35	19°14	27° 1	27° 6	12°54	19° 6	4°40	10°43	25°47	11°58	1° 5	2°38	24°26	26°34	T 7
W 8	1 10 11	15°53'53	3♊26	28° 7	27°44	13°32	19°18	4°48	10°41	25°46	12° 0	1°D 5	2°35	24°32	26°40	W 8
T 9	1 14 8	16°52'13	17° 9	29°19	28°21	14°10	19°30	4°55	10°38	25°45	12° 1	1° 6	2°32	24°39	26°45	T 9
F 10	1 18 4	17°50'35	0♋26	0♎38	28°57	14°48	19°43	5° 3	10°36	25°44	12° 3	1° 7	2°29	24°46	26°51	F 10
S 11	1 22 1	18°48'59	13°18	2° 1	29°31	15°26	19°55	5°10	10°34	25°43	12° 4	1°R 8	2°26	24°53	26°56	S 11
S 12	1 25 58	19°47'25	25°49	3°30	0♐ 4	16° 4	20° 7	5°18	10°31	25°41	12° 6	1° 8	2°22	24°59	27° 2	S 12
M13	1 29 54	20°45'53	8♌ 5	5° 3	0°36	16°42	20°20	5°25	10°29	25°40	12° 8	1° 6	2°19	25° 6	27° 7	M13
T 14	1 33 51	21°44'23	20° 8	6°40	1° 7	17°20	20°32	5°33	10°27	25°39	12° 9	1° 3	2°16	25°13	27°12	T 14
W15	1 37 47	22°42'55	2♍ 4	8°20	1°36	17°57	20°44	5°40	10°24	25°37	12°10	0°58	2°13	25°19	27°18	W15
T 16	1 41 44	23°41'29	13°56	10° 3	2° 3	18°35	20°56	5°47	10°22	25°36	12°12	0°52	2°10	25°26	27°23	T 16
F 17	1 45 40	24°40'05	25°47	11°47	2°29	19°13	21° 8	5°55	10°20	25°35	12°13	0°45	2° 7	25°33	27°28	F 17
S 18	1 49 37	25°38'43	7♎40	13°34	2°54	19°50	21°20	6° 2	10°17	25°33	12°15	0°38	2° 3	25°40	27°33	S 18
S 19	1 53 33	26°37'23	19°36	15°21	3°16	20°28	21°32	6° 9	10°15	25°32	12°16	0°32	2° 0	25°46	27°38	S 19
M20	1 57 30	27°36'04	1♏38	17°10	3°37	21° 5	21°44	6°17	10°13	25°30	12°18	0°28	1°57	25°53	27°43	M20
T 21	2 1 27	28°34'48	13°46	18°59	3°56	21°43	21°55	6°24	10°10	25°29	12°19	0°25	1°54	26° 0	27°48	T 21
W22	2 5 23	29°33'33	26° 3	20°49	4°13	22°20	22° 7	6°31	10° 8	25°27	12°20	0°D24	1°51	26° 6	27°52	W22
T 23	2 9 20	0♏32'21	8♐31	22°38	4°29	22°58	22°19	6°38	10° 6	25°26	12°22	0°24	1°47	26°13	27°57	T 23
F 24	2 13 16	1°31'10	21°10	24°28	4°42	23°35	22°30	6°46	10° 4	25°25	12°23	0°25	1°44	26°20	28° 2	F 24
S 25	2 17 13	2°30'00	4♑ 4	26°17	4°53	24°12	22°42	6°53	10° 2	25°23	12°24	0°27	1°41	26°27	28° 6	S 25
S 26	2 21 9	3°28'53	17°16	28° 6	5° 2	24°50	22°53	7° 0	9°59	25°21	12°26	0°28	1°38	26°33	28°11	S 26
M27	2 25 6	4°27'47	0♒46	29°55	5° 9	25°27	23° 5	7° 7	9°57	25°20	12°27	0°R29	1°35	26°40	28°15	M27
T 28	2 29 2	5°26'42	14°37	1♏43	5°14	26° 4	23°16	7°14	9°55	25°18	12°28	0°29	1°32	26°47	28°19	T 28
W29	2 32 59	6°25'39	28°49	3°31	5°R16	26°41	23°27	7°21	9°53	25°17	12°29	0°27	1°28	26°53	28°24	W29
T 30	2 36 56	7°24'38	13♓20	5°17	5°16	27°18	23°38	7°28	9°51	25°15	12°30	0°25	1°25	27° 0	28°28	T 30
F 31	2 40 52	8♏23'38	28♓ 6	7♏ 3	5♐13	27♍55	23♍49	7♎35	9♈49	25♉14	12♍32	0♐22	1♐22	27♍ 7	28♌32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s35	10s10	5n 0	1n51	0s55	22s31	4s20	9n13	1n13	5n27	0n45	0n 6	1n47	3n34	0s48	17n28	1s38	14n26	7n57	20s18	20s34	1s58	6n32	6s35
T 2	3 57	5 10	5 6	2 1	0 37	22 49	4 27	8 59	1 13	5 22	0 45	0 3	1 47	3 33	0 48	17 27	1 38	14 25	7 58	20 17	20 33	2 1	6 30	6 35
F 3	4 20	0n14	4 52	2 6	0 20	23 7	4 34	8 45	1 13	5 18	0 45	0 0	1 47	3 32	0 48	17 27	1 38	14 25	7 58	20 16	20 32	2 3	6 27	6 36
S 4	4 42	5 41	4 18	2 8	0 3	23 24	4 40	8 31	1 13	5 13	0 45	0s 3	1 47	3 31	0 48	17 27	1 39	14 24	7 58	20 14	20 32	2 5	6 25	6 36
S 5	5 5	10 46	3 25	2 5	0n13	23 40	4 47	8 16	1 14	5 8	0 45	0 6	1 47	3 30	0 48	17 26	1 39	14 24	7 58	20 13	20 31	2 7	6 23	6 36
M 6	5 27	15 6	2 18	1 59	0 27	23 56	4 54	8 2	1 14	5 3	0 45	0 9	1 48	3 29	0 48	17 26	1 39	14 23	7 58	20 12	20 30	2 10	6 21	6 37
T 7	5 50	18 24	1 4	1 48	0 41	24 12	5 0	7 48	1 14	4 58	0 45	0 11	1 48	3 28	0 48	17 26	1 39	14 23	7 59	20 11	20 30	2 12	6 18	6 37
W 8	6 12	20 26	0s13	1 33	0 53	24 27	5 7	7 34	1 15	4 54	0 45	0 14	1 48	3 27	0 48	17 26	1 39	14 22	7 59	20 11	20 29	2 14	6 16	6 38
T 9	6 34	21 11	1 26	1 15	1 4	24 42	5 13	7 20	1 15	4 49	0 46	0 17	1 48	3 26	0 48	17 25	1 39	14 22	7 59	20 11	20 29	2 17	6 14	6 38
F 10	6 56	20 41	2 32	0 53	1 14	24 56	5 20	7 5	1 15	4 44	0 46	0 20	1 48	3 25	0 48	17 25	1 39	14 22	7 59	20 12	20 28	2 19	6 12	6 38
S 11	7 18	19 6	3 29	0 28	1 22	25 10	5 26	6 51	1 15	4 40	0 46	0 23	1 48	3 25	0 48	17 25	1 39	14 21	7 59	20 12	20 27	2 21	6 9	6 39
S 12	7 40	16 38	4 13	0s 0	1 30	25 24	5 32	6 37	1 16	4 35	0 46	0 26	1 48	3 24	0 48	17 24	1 39	14 21	8 0	20 12	20 27	2 24	6 7	6 39
M13	8 2	13 29	4 46	0 31	1 36	25 36	5 38	6 22	1 16	4 30	0 46	0 29	1 48	3 23	0 48	17 24	1 39	14 20	8 0	20 12	20 26	2 26	6 5	6 40
T 14	8 24	9 49	5 5	1 4	1 41	25 49	5 44	6 8	1 16	4 26	0 46	0 31	1 48	3 22	0 48	17 24	1 39	14 20	8 0	20 11	20 26	2 28	6 3	6 40
W15	8 45	5 48	5 10	1 40	1 45	26 0	5 50	5 54	1 16	4 21	0 46	0 34	1 48	3 21	0 48	17 23	1 39	14 20	8 0	20 10	20 25	2 31	6 1	6 41
T 16	9 7	1 36	5 2	2 17	1 48	26 12	5 56	5 39	1 17	4 16	0 46	0 37	1 48	3 20	0 48	17 23	1 39	14 19	8 0	20 9	20 24	2 33	5 59	6 41
F 17	9 28	2s39	4 41	2 55	1 50	26 22	6 1	5 25	1 17	4 12	0 47	0 40	1 49	3 19	0 48	17 23	1 39	14 19	8 1	20 7	20 24	2 35	5 57	6 41
S 18	9 50	6 49	4 8	3 35	1 51	26 33	6 7	5 10	1 17	4 7	0 47	0 43	1 49	3 18	0 48	17 22	1 39	14 19	8 1	20 6	20 23	2 38	5 54	6 42
S 19	10 11	10 45	3 24	4 16	1 52	26 42	6 12	4 56	1 17	4 3	0 47	0 45	1 49	3 17	0 48	17 22	1 39	14 18	8 1	20 5	20 22	2 40	5 52	6 42
M20	10 32	14 18	2 31	4 58	1 51	26 51	6 17	4 41	1 18	3 58	0 47	0 48	1 49	3 17	0 48	17 21	1 39	14 18	8 1	20 4	20 22	2 42	5 50	6 43
T 21	10 52	17 15	1 30	5 40	1 50	26 59	6 22	4 27	1 18	3 54	0 47	0 51	1 49	3 16	0 48	17 21	1 39	14 18	8 2	20 3	20 21	2 45	5 48	6 43
W22	11 13	19 29	0 24	6 23	1 48	27 7	6 26	4 13	1 18	3 49	0 47	0 54	1 49	3 15	0 48	17 21	1 39	14 17	8 2	20 3	20 21	2 47	5 46	6 44
T 23	11 33	20 48	0n44	7 6	1 45	27 14	6 30	3 58	1 18	3 45	0 47	0 56	1 49	3 14	0 48	17 20	1 39	14 17	8 2	20 3	20 20	2 49	5 44	6 44
F 24	11 54	21 5	1 52	7 49	1 42	27 21	6 34	3 44	1 18	3 41	0 47	0 59	1 49	3 13	0 48	17 20	1 39	14 17	8 2	20 3	20 19	2 51	5 42	6 45
S 25	12 14	20 15	2 54	8 31	1 39	27 26	6 38	3 29	1 19	3 36	0 48	1 2	1 49	3 12	0 48	17 20	1 39	14 16	8 2	20 4	20 19	2 54	5 40	6 45
S 26	12 34	18 19	3 49	9 14	1 34	27 31	6 41	3 15	1 19	3 32	0 48	1 4	1 50	3 12	0 48	17 19	1 39	14 16	8 3	20 4	20 18	2 56	5 38	6 46
M27	12 54	15 21	4 33	9 56	1 30	27 35	6 44	3 0	1 19	3 27	0 48	1 7	1 50	3 11	0 48	17 19	1 39	14 16	8 3	20 4	20 17	2 58	5 36	6 46
T 28	13 13	11 28	5 3	10 38	1 25	27 39	6 47	2 46	1 19	3 23	0 48	1 10	1 50	3 10	0 48	17 18	1 39	14 16	8 3	20 4	20 17	3 1	5 34	6 47
W29	13 32	6 51	5 14	11 19	1 20	27 41	6 49	2 31	1 20	3 19	0 48	1 12	1 50	3 9	0 48	17 18	1 39	14 15	8 3	20 4	20 16	3 3	5 32	6 47
T 30	13 52	1 46	5 7	12 0	1 14	27 43	6 51	2 17	1 20	3 15	0 48	1 15	1 50	3 8	0 48	17 18	1 39	14 15	8 4	20 3	20 15	3 5	5 30	6 48
F 31	14s10	3n31	4n39	12s40	1n 9	27s44	6s52	2n 3	1n20	3n10	0n48	1s17	1n50	3n 8	0s47	17n17	1s39	14n15	8n 4	20s 3	20s15	3s 7	5n29	6s49

Julian Day Number = 3067982.5, Delta T = 02h34m59s
Ecliptic obliquity = 23°13'17, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'09, Lahiri = 47°31'09

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

NOVEMBER 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 44 49	9♏22'40	13♈ 0	8♏49	5°R 9	28♍32	24♍ 0	7♎42	9°R47	25°R12	12♍33	0°R19	1♐19	27♍14	28♌36	S 1
S 2	2 48 45	10°21'44	27°55	10°33	5♐ 1	29° 9	24°11	7°49	9♈45	25♉10	12°34	0♐17	1°16	27°20	28°40	S 2
M 3	2 52 42	11°20'50	12♉43	12°17	4°52	29°46	24°22	7°55	9°43	25° 9	12°35	0°15	1°12	27°27	28°44	M 3
T 4	2 56 38	12°19'57	27°16	14° 0	4°39	0♎23	24°33	8° 2	9°41	25° 7	12°36	0°D15	1° 9	27°34	28°47	T 4
W 5	3 0 35	13°19'07	11♊27	15°42	4°25	1° 0	24°44	8° 9	9°39	25° 6	12°37	0°15	1° 6	27°40	28°51	W 5
T 6	3 4 31	14°18'19	25°15	17°24	4° 8	1°37	24°54	8°16	9°38	25° 4	12°38	0°16	1° 3	27°47	28°55	T 6
F 7	3 8 28	15°17'33	8♋36	19° 5	3°49	2°14	25° 5	8°22	9°36	25° 2	12°39	0°17	1° 0	27°54	28°58	F 7
S 8	3 12 25	16°16'50	21°34	20°45	3°28	2°50	25°15	8°29	9°34	25° 1	12°40	0°18	0°57	28° 0	29° 1	S 8
S 9	3 16 21	17°16'08	4♌10	22°24	3° 4	3°27	25°25	8°35	9°32	24°59	12°41	0°19	0°53	28° 7	29° 5	S 9
M10	3 20 18	18°15'29	16°28	24° 3	2°38	4° 4	25°36	8°42	9°30	24°57	12°42	0°R20	0°50	28°14	29° 8	M10
T 11	3 24 14	19°14'51	28°33	25°41	2°11	4°40	25°46	8°48	9°29	24°56	12°43	0°19	0°47	28°21	29°11	T 11
W12	3 28 11	20°14'16	10♍29	27°18	1°42	5°17	25°56	8°55	9°27	24°54	12°44	0°19	0°44	28°27	29°14	W12
T 13	3 32 7	21°13'43	22°21	28°55	1°11	5°53	26° 6	9° 1	9°26	24°52	12°45	0°18	0°41	28°34	29°17	T 13
F 14	3 36 4	22°13'13	4♎12	0♐31	0°38	6°30	26°16	9° 7	9°24	24°51	12°46	0°16	0°38	28°41	29°20	F 14
S 15	3 40 0	23°12'44	16° 7	2° 6	0° 4	7° 6	26°25	9°14	9°22	24°49	12°46	0°15	0°34	28°47	29°23	S 15
S 16	3 43 57	24°12'18	28° 9	3°41	29♏30	7°43	26°35	9°20	9°21	24°47	12°47	0°15	0°31	28°54	29°25	S 16
M17	3 47 53	25°11'53	10♏20	5°15	28°54	8°19	26°44	9°26	9°19	24°46	12°48	0°14	0°28	29° 1	29°28	M17
T 18	3 51 50	26°11'31	22°41	6°49	28°18	8°55	26°54	9°32	9°18	24°44	12°49	0°14	0°25	29° 8	29°30	T 18
W19	3 55 47	27°11'10	5♐15	8°22	27°42	9°32	27° 3	9°38	9°17	24°42	12°49	0°D14	0°22	29°14	29°33	W19
T 20	3 59 43	28°10'52	18° 2	9°55	27° 5	10° 8	27°12	9°44	9°15	24°41	12°50	0°14	0°18	29°21	29°35	T 20
F 21	4 3 40	29°10'35	1♑ 2	11°27	26°28	10°44	27°22	9°50	9°14	24°39	12°51	0°14	0°15	29°28	29°37	F 21
S 22	4 7 36	0♐10'20	14°15	12°58	25°52	11°20	27°31	9°55	9°13	24°37	12°51	0°R14	0°12	29°34	29°39	S 22
S 23	4 11 33	1°10'07	27°42	14°29	25°17	11°56	27°39	10° 1	9°12	24°36	12°52	0°14	0° 9	29°41	29°41	S 23
M24	4 15 29	2° 9'55	11♒22	15°59	24°42	12°32	27°48	10° 7	9°10	24°34	12°52	0°14	0° 6	29°48	29°43	M24
T 25	4 19 26	3° 9'45	25°15	17°29	24° 8	13° 8	27°57	10°12	9° 9	24°32	12°53	0°14	0° 3	29°54	29°45	T 25
W26	4 23 23	4° 9'36	9♓19	18°59	23°36	13°44	28° 5	10°18	9° 8	24°31	12°53	0°D14	29♏59	0♎ 1	29°47	W26
T 27	4 27 19	5° 9'29	23°34	20°28	23° 5	14°20	28°14	10°23	9° 7	24°29	12°54	0°14	29°56	0° 8	29°48	T 27
F 28	4 31 16	6° 9'23	7♈57	21°56	22°35	14°55	28°22	10°29	9° 6	24°27	12°54	0°14	29°53	0°15	29°50	F 28
S 29	4 35 12	7° 9'19	22°25	23°24	22° 8	15°31	28°30	10°34	9° 5	24°26	12°55	0°15	29°50	0°21	29°51	S 29
S 30	4 39 9	8♐ 9'17	6♉52	24♐51	21♏42	16♎ 7	28♍38	10♎39	9♈ 4	24♉24	12♍55	0♐16	29♏47	0♎28	29♌53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s29	8n39	3n52	13s19	1n 3	27s44	6s53	1n48	1n20	3n 6	0n49	1s20	1n50	3n 7	0s47	17n17	1s39	14n15	8n 4	20s 2	20s14	3s10	5n27	6s49
S 2	14 48	13 16	2 49	13 57	0 57	27 42	6 53	1 34	1 20	3 2	0 49	1 23	1 51	3 6	0 47	17 17	1 39	14 15	8 4	20 1	20 14	3 12	5 25	6 50
M 3	15 6	17 2	1 35	14 35	0 50	27 40	6 53	1 19	1 21	2 58	0 49	1 25	1 51	3 5	0 47	17 16	1 39	14 14	8 5	20 1	20 13	3 14	5 23	6 50
T 4	15 24	19 38	0 16	15 12	0 44	27 37	6 52	1 5	1 21	2 54	0 49	1 28	1 51	3 5	0 47	17 16	1 39	14 14	8 5	20 1	20 12	3 17	5 21	6 51
W 5	15 42	20 56	1s 2	15 48	0 37	27 33	6 50	0 51	1 21	2 50	0 49	1 30	1 51	3 4	0 47	17 15	1 39	14 14	8 5	20 1	20 12	3 19	5 20	6 51
T 6	15 59	20 54	2 14	16 23	0 30	27 27	6 48	0 36	1 21	2 46	0 49	1 33	1 51	3 3	0 47	17 15	1 39	14 14	8 6	20 1	20 11	3 21	5 18	6 52
F 7	16 16	19 40	3 17	16 57	0 24	27 21	6 45	0 22	1 21	2 42	0 50	1 35	1 51	3 3	0 47	17 15	1 39	14 14	8 6	20 1	20 10	3 23	5 16	6 52
S 8	16 33	17 26	4 7	17 31	0 17	27 13	6 41	0 8	1 22	2 38	0 50	1 37	1 51	3 2	0 47	17 14	1 39	14 14	8 6	20 2	20 10	3 26	5 14	6 53
S 9	16 50	14 26	4 44	18 3	0 10	27 4	6 37	0s 6	1 22	2 34	0 50	1 40	1 52	3 1	0 47	17 14	1 39	14 14	8 6	20 2	20 9	3 28	5 13	6 54
M10	17 7	10 51	5 7	18 34	0 3	26 54	6 32	0 21	1 22	2 30	0 50	1 42	1 52	3 1	0 47	17 13	1 39	14 13	8 7	20 2	20 8	3 30	5 11	6 54
T 11	17 23	6 55	5 17	19 4	0s 4	26 43	6 26	0 35	1 22	2 26	0 50	1 45	1 52	3 0	0 47	17 13	1 39	14 13	8 7	20 2	20 8	3 32	5 9	6 55
W12	17 39	2 45	5 12	19 33	0 11	26 30	6 19	0 49	1 22	2 23	0 50	1 47	1 52	2 59	0 47	17 13	1 39	14 13	8 7	20 2	20 7	3 35	5 8	6 55
T 13	17 54	1s30	4 54	20 2	0 18	26 16	6 12	1 3	1 23	2 19	0 51	1 49	1 52	2 59	0 47	17 12	1 39	14 13	8 7	20 2	20 6	3 37	5 6	6 56
F 14	18 9	5 41	4 23	20 29	0 25	26 1	6 4	1 17	1 23	2 15	0 51	1 51	1 52	2 58	0 47	17 12	1 39	14 13	8 8	20 1	20 6	3 39	5 5	6 57
S 15	18 24	9 41	3 41	20 55	0 32	25 45	5 55	1 31	1 23	2 11	0 51	1 54	1 53	2 58	0 47	17 11	1 39	14 13	8 8	20 1	20 5	3 42	5 3	6 57
S 16	18 39	13 21	2 49	21 20	0 38	25 28	5 45	1 46	1 23	2 8	0 51	1 56	1 53	2 57	0 47	17 11	1 39	14 13	8 8	20 1	20 4	3 44	5 2	6 58
M17	18 53	16 30	1 48	21 43	0 45	25 10	5 34	2 0	1 23	2 4	0 51	1 58	1 53	2 56	0 47	17 11	1 39	14 13	8 9	20 1	20 4	3 46	5 0	6 58
T 18	19 7	18 57	0 42	22 6	0 52	24 51	5 23	2 14	1 23	2 1	0 51	2 0	1 53	2 56	0 47	17 10	1 39	14 13	8 9	20 1	20 3	3 48	4 59	6 59
W19	19 21	20 31	0n28	22 28	0 58	24 31	5 12	2 28	1 24	1 57	0 52	2 2	1 53	2 55	0 47	17 10	1 39	14 13	8 9	20 1	20 2	3 51	4 58	7 0
T 20	19 34	21 4	1 37	22 48	1 5	24 11	4 59	2 41	1 24	1 54	0 52	2 5	1 54	2 55	0 47	17 9	1 39	14 13	8 9	20 1	20 2	3 53	4 56	7 0
F 21	19 47	20 30	2 43	23 8	1 11	23 50	4 46	2 55	1 24	1 50	0 52	2 7	1 54	2 54	0 47	17 9	1 39	14 13	8 10	20 1	20 1	3 55	4 55	7 1
S 22	20 0	18 48	3 41	23 26	1 17	23 28	4 33	3 9	1 24	1 47	0 52	2 9	1 54	2 54	0 47	17 9	1 39	14 13	8 10	20 1	20 0	3 57	4 54	7 2
S 23	20 12	16 3	4 28	23 43	1 24	23 6	4 19	3 23	1 24	1 44	0 52	2 11	1 54	2 54	0 47	17 8	1 39	14 13	8 10	20 1	20 0	4 0	4 52	7 2
M24	20 24	12 24	5 0	23 59	1 30	22 43	4 5	3 37	1 24	1 40	0 53	2 13	1 54	2 53	0 47	17 8	1 39	14 13	8 11	20 1	19 59	4 2	4 51	7 3
T 25	20 36	8 1	5 16	24 13	1 35	22 21	3 50	3 50	1 25	1 37	0 53	2 15	1 55	2 53	0 47	17 7	1 39	14 13	8 11	20 1	19 58	4 4	4 50	7 3
W26	20 47	3 9	5 13	24 27	1 41	21 58	3 35	4 4	1 25	1 34	0 53	2 17	1 55	2 52	0 47	17 7	1 39	14 13	8 11	20 1	19 58	4 6	4 49	7 4
T 27	20 58	1n56	4 51	24 39	1 46	21 36	3 20	4 18	1 25	1 31	0 53	2 19	1 55	2 52	0 47	17 7	1 39	14 13	8 12	20 1	19 57	4 8	4 48	7 5
F 28	21 8	6 59	4 11	24 50	1 52	21 14	3 5	4 31	1 25	1 28	0 53	2 21	1 55	2 52	0 47	17 6	1 39	14 14	8 12	20 1	19 56	4 11	4 46	7 5
S 29	21 18	11 40	3 15	25 0	1 57	20 52	2 50	4 45	1 25	1 25	0 54	2 22	1 55	2 51	0 47	17 6	1 39	14 14	8 12	20 1	19 56	4 13	4 45	7 6
S 30	21s28	15n40	2n 6	25s 9	2s 1	20s31	2s34	4s58	1n25	1n22	0n54	2s24	1n56	2n51	0s47	17n 5	1s39	14n14	8n12	20s 1	19s55	4s15	4n44	7s 7

Julian Day Number = 3068013.5, Delta T = 02h35m00s
Ecliptic obliquity = 23°13'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'13, Lahiri = 47°31'14

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ASTRODIENST EPHEMERIS for the year 3687
geocentric

DECEMBER 3687 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 43 5	9♐ 9'16	21♉15	26♐18	21°R19	16♎43	28♍46	10♎44	9°R 4	24°R22	12♍56	0♐16	29♏44	0♎35	29♌54	M 1
T 2	4 47 2	10° 9'17	5♊28	27°44	20♏58	17°18	28°54	10°50	9♈ 3	24♉21	12°56	0°R16	29°40	0°41	29°55	T 2
W 3	4 50 58	11° 9'20	19°26	29° 9	20°39	17°54	29° 1	10°55	9° 2	24°19	12°56	0°16	29°37	0°48	29°56	W 3
T 4	4 54 55	12° 9'24	3♋ 6	0♑34	20°22	18°29	29° 9	11° 0	9° 1	24°18	12°57	0°14	29°34	0°55	29°57	T 4
F 5	4 58 52	13° 9'30	16°26	1°58	20° 8	19° 4	29°16	11° 4	9° 1	24°16	12°57	0°13	29°31	1° 2	29°58	F 5
S 6	5 2 48	14° 9'38	29°24	3°21	19°56	19°40	29°24	11° 9	9° 0	24°14	12°57	0°11	29°28	1° 8	29°58	S 6
S 7	5 6 45	15° 9'48	12♌ 3	4°43	19°47	20°15	29°31	11°14	8°59	24°13	12°57	0° 9	29°24	1°15	29°59	S 7
M 8	5 10 41	16°10'00	24°24	6° 5	19°41	20°50	29°38	11°19	8°59	24°11	12°58	0° 7	29°21	1°22	29°59	M 8
T 9	5 14 38	17°10'14	6♍31	7°25	19°36	21°26	29°44	11°23	8°58	24°10	12°58	0° 6	29°18	1°28	29°59	T 9
W10	5 18 34	18°10'29	18°28	8°44	19°D35	22° 1	29°51	11°28	8°58	24° 8	12°58	0°D 6	29°15	1°35	29°59	W10
T 11	5 22 31	19°10'47	0♎20	10° 2	19°35	22°36	29°58	11°32	8°58	24° 7	12°58	0° 6	29°12	1°42	29°59	T 11
F 12	5 26 27	20°11'06	12°11	11°18	19°39	23°11	0♎ 4	11°36	8°57	24° 5	12°58	0° 7	29° 9	1°48	29°R59	F 12
S 13	5 30 24	21°11'27	24° 8	12°33	19°44	23°46	0°10	11°40	8°57	24° 4	12°58	0° 9	29° 5	1°55	29°59	S 13
S 14	5 34 21	22°11'50	6♏12	13°46	19°52	24°21	0°16	11°44	8°57	24° 2	12°R58	0°10	29° 2	2° 2	29°59	S 14
M15	5 38 17	23°12'15	18°30	14°56	20° 2	24°55	0°22	11°49	8°57	24° 1	12°58	0°12	28°59	2° 9	29°59	M15
T 16	5 42 14	24°12'42	1♐ 3	16° 4	20°14	25°30	0°28	11°52	8°57	24° 0	12°58	0°R12	28°56	2°15	29°59	T 16
W17	5 46 10	25°13'10	13°53	17°10	20°29	26° 5	0°33	11°56	8°57	23°58	12°58	0°12	28°53	2°22	29°59	W17
T 18	5 50 7	26°13'39	27° 2	18°12	20°45	26°39	0°39	12° 0	8°D57	23°57	12°58	0° 9	28°50	2°29	29°58	T 18
F 19	5 54 3	27°14'11	10♑27	19°11	21° 4	27°14	0°44	12° 4	8°57	23°56	12°58	0° 6	28°46	2°35	29°57	F 19
S 20	5 58 0	28°14'43	24° 8	20° 6	21°24	27°48	0°49	12° 7	8°57	23°54	12°57	0° 2	28°43	2°42	29°57	S 20
S 21	6 1 56	29°15'17	8♒ 0	20°56	21°47	28°23	0°54	12°11	8°57	23°53	12°57	29♏57	28°40	2°49	29°56	S 21
M22	6 5 53	0♑15'52	22° 2	21°41	22°11	28°57	0°59	12°14	8°57	23°52	12°57	29°53	28°37	2°55	29°55	M22
T 23	6 9 50	1°16'28	6♓10	22°21	22°37	29°31	1° 3	12°17	8°57	23°50	12°57	29°49	28°34	3° 2	29°54	T 23
W24	6 13 46	2°17'04	20°20	22°53	23° 5	0♏ 6	1° 8	12°21	8°58	23°49	12°56	29°47	28°30	3° 9	29°52	W24
T 25	6 17 43	3°17'42	4♈30	23°19	23°34	0°40	1°12	12°24	8°58	23°48	12°56	29°D47	28°27	3°16	29°51	T 25
F 26	6 21 39	4°18'21	18°39	23°36	24° 5	1°14	1°16	12°27	8°58	23°47	12°56	29°48	28°24	3°22	29°50	F 26
S 27	6 25 36	5°19'01	2♉44	23°R44	24°37	1°48	1°20	12°29	8°59	23°46	12°55	29°49	28°21	3°29	29°48	S 27
S 28	6 29 32	6°19'42	16°44	23°43	25°11	2°22	1°24	12°32	8°59	23°44	12°55	29°50	28°18	3°36	29°47	S 28
M29	6 33 29	7°20'24	0♊38	23°31	25°46	2°55	1°27	12°35	9° 0	23°43	12°55	29°R51	28°15	3°42	29°45	M29
T 30	6 37 26	8°21'06	14°23	23° 8	26°23	3°29	1°31	12°37	9° 0	23°42	12°54	29°50	28°11	3°49	29°43	T 30
W31	6 41 22	9♑21'50	27♊58	22♑34	27♏ 1	4♏ 3	1♎34	12♎40	9♈ 1	23♉41	12♍54	29♏47	28♏ 8	3♎56	29♌41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s37	18n43	0n50	25s16	2s 6	20s10	2s19	5s11	1n25	1n19	0n54	2s26	1n56	2n51	0s47	17n 5	1s39	14n14	8n13	20s 1	19s54	4s17	4n43	7s 7
T 2	21 46	20 33	0s29	25 22	2 10	19 49	2 4	5 25	1 26	1 16	0 54	2 28	1 56	2 50	0 46	17 5	1 39	14 14	8 13	20 1	19 54	4 20	4 42	7 8
W 3	21 55	21 4	1 44	25 27	2 14	19 30	1 49	5 38	1 26	1 13	0 54	2 30	1 56	2 50	0 46	17 4	1 39	14 14	8 13	20 1	19 53	4 22	4 41	7 9
T 4	22 3	20 19	2 52	25 31	2 18	19 11	1 34	5 51	1 26	1 10	0 55	2 31	1 56	2 50	0 46	17 4	1 39	14 14	8 14	20 1	19 52	4 24	4 40	7 9
F 5	22 10	18 26	3 49	25 34	2 21	18 53	1 19	6 4	1 26	1 8	0 55	2 33	1 57	2 50	0 46	17 4	1 39	14 15	8 14	20 1	19 52	4 26	4 40	7 10
S 6	22 17	15 39	4 32	25 35	2 25	18 36	1 5	6 18	1 26	1 5	0 55	2 35	1 57	2 50	0 46	17 3	1 39	14 15	8 14	20 0	19 51	4 28	4 39	7 10
S 7	22 24	12 12	5 0	25 35	2 27	18 20	0 51	6 31	1 26	1 2	0 55	2 36	1 57	2 49	0 46	17 3	1 39	14 15	8 15	20 0	19 50	4 31	4 38	7 11
M 8	22 31	8 19	5 14	25 34	2 30	18 5	0 37	6 44	1 26	1 0	0 55	2 38	1 57	2 49	0 46	17 3	1 39	14 15	8 15	19 59	19 50	4 33	4 37	7 12
T 9	22 37	4 10	5 14	25 32	2 32	17 51	0 24	6 56	1 27	0 57	0 56	2 39	1 58	2 49	0 46	17 2	1 39	14 15	8 15	19 59	19 49	4 35	4 37	7 12
W10	22 42	0s 5	5 0	25 29	2 33	17 38	0 11	7 9	1 27	0 55	0 56	2 41	1 58	2 49	0 46	17 2	1 39	14 16	8 15	19 59	19 48	4 37	4 36	7 13
T 11	22 47	4 19	4 33	25 24	2 34	17 26	0n 2	7 22	1 27	0 53	0 56	2 42	1 58	2 49	0 46	17 2	1 39	14 16	8 16	19 59	19 48	4 40	4 35	7 14
F 12	22 52	8 23	3 55	25 19	2 35	17 15	0 14	7 35	1 27	0 50	0 56	2 44	1 58	2 49	0 46	17 1	1 39	14 16	8 16	19 59	19 47	4 42	4 35	7 14
S 13	22 56	12 10	3 6	25 12	2 35	17 5	0 26	7 47	1 27	0 48	0 57	2 45	1 59	2 49	0 46	17 1	1 39	14 16	8 16	20 0	19 46	4 44	4 34	7 15
S 14	23 0	15 29	2 8	25 4	2 34	16 56	0 38	8 0	1 27	0 46	0 57	2 47	1 59	2 49	0 46	17 1	1 39	14 17	8 17	20 0	19 46	4 46	4 34	7 15
M15	23 3	18 12	1 4	24 56	2 33	16 48	0 49	8 12	1 27	0 44	0 57	2 48	1 59	2 49	0 46	17 0	1 39	14 17	8 17	20 0	19 45	4 48	4 33	7 16
T 16	23 6	20 6	0n 5	24 46	2 31	16 41	1 0	8 25	1 27	0 42	0 57	2 49	1 59	2 49	0 46	17 0	1 39	14 17	8 17	20 0	19 44	4 51	4 33	7 17
W17	23 8	21 1	1 15	24 35	2 28	16 35	1 10	8 37	1 28	0 40	0 57	2 50	2 0	2 49	0 46	17 0	1 39	14 18	8 18	20 0	19 44	4 53	4 32	7 17
T 18	23 10	20 49	2 22	24 24	2 25	16 30	1 20	8 49	1 28	0 38	0 58	2 52	2 0	2 49	0 46	16 59	1 39	14 18	8 18	20 0	19 43	4 55	4 32	7 18
F 19	23 12	19 26	3 23	24 11	2 21	16 25	1 29	9 2	1 28	0 36	0 58	2 53	2 0	2 49	0 46	16 59	1 39	14 18	8 18	19 59	19 42	4 57	4 31	7 19
S 20	23 13	16 56	4 14	23 58	2 16	16 22	1 39	9 14	1 28	0 34	0 58	2 54	2 0	2 49	0 46	16 59	1 39	14 19	8 19	19 58	19 42	4 59	4 31	7 19
S 21	23 13	13 25	4 50	23 45	2 10	16 19	1 47	9 26	1 28	0 32	0 58	2 55	2 1	2 49	0 46	16 58	1 39	14 19	8 19	19 57	19 41	5 1	4 31	7 20
M22	23 13	9 9	5 10	23 31	2 3	16 17	1 56	9 38	1 28	0 31	0 59	2 56	2 1	2 49	0 46	16 58	1 39	14 19	8 19	19 56	19 40	5 4	4 31	7 20
T 23	23 13	4 21	5 11	23 16	1 54	16 16	2 4	9 50	1 28	0 29	0 59	2 57	2 1	2 49	0 46	16 58	1 39	14 20	8 19	19 56	19 39	5 6	4 31	7 21
W24	23 12	0n42	4 53	23 1	1 45	16 15	2 11	10 1	1 28	0 28	0 59	2 58	2 1	2 49	0 46	16 58	1 39	14 20	8 20	19 55	19 39	5 8	4 30	7 22
T 25	23 11	5 43	4 17	22 47	1 34	16 16	2 18	10 13	1 28	0 26	0 59	2 59	2 2	2 49	0 46	16 57	1 39	14 20	8 20	19 55	19 38	5 10	4 30	7 22
F 26	23 9	10 25	3 26	22 32	1 22	16 16	2 25	10 25	1 28	0 25	1 0	3 0	2 2	2 50	0 45	16 57	1 39	14 21	8 20	19 55	19 37	5 12	4 30	7 23
S 27	23 7	14 32	2 22	22 18	1 9	16 18	2 32	10 36	1 28	0 23	1 0	3 1	2 2	2 50	0 45	16 57	1 39	14 21	8 21	19 56	19 37	5 15	4 30	7 23
S 28	23 4	17 49	1 11	22 3	0 54	16 20	2 38	10 48	1 29	0 22	1 0	3 2	2 2	2 50	0 45	16 57	1 39	14 22	8 21	19 56	19 36	5 17	4 30	7 24
M29	23 1	20 2	0s 4	21 50	0 38	16 22	2 44	10 59	1 29	0 21	1 0	3 2	2 3	2 50	0 45	16 56	1 39	14 22	8 21	19 56	19 35	5 19	4 30	7 24
T 30	22 58	21 1	1 18	21 37	0 21	16 25	2 49	11 10	1 29	0 20	1 1	3 3	2 3	2 51	0 45	16 56	1 39	14 22	8 21	19 56	19 35	5 21	4 30	7 25
W31	22s54	20n46	2s27	21s24	0s 3	16s29	2n54	11s21	1n29	0n19	1n 1	3s 4	2n 3	2n51	0s45	16n56	1s39	14n23	8n22	19s55	19s34	5s23	4n31	7s25

Julian Day Number = 3068043.5, Delta T = 02h35m01s
Ecliptic obliquity = 23°13'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'17, Lahiri = 47°31'18

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

JANUARY 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 45 19	10♉22'35	11♋19	21°R48	27♏40	4♏36	1♎37	12♎42	9♈ 2	23°R40	12°R53	29°R42	28♏ 5	4♎ 2	29°R39	T 1
F 2	6 49 15	11°23'21	24°27	20♉52	28°21	5°10	1°40	12°45	9° 3	23♉39	12♍53	29♏35	28° 2	4° 9	29♌37	F 2
S 3	6 53 12	12°24'08	7♌18	19°47	29° 2	5°43	1°42	12°47	9° 3	23°38	12°52	29°28	27°59	4°16	29°35	S 3
S 4	6 57 8	13°24'56	19°53	18°33	29°45	6°16	1°45	12°49	9° 4	23°37	12°52	29°19	27°56	4°22	29°33	S 4
M 5	7 1 5	14°25'45	2♍12	17°14	0♐29	6°50	1°47	12°51	9° 5	23°36	12°51	29°12	27°52	4°29	29°30	M 5
T 6	7 5 1	15°26'35	14°19	15°51	1°14	7°23	1°49	12°53	9° 6	23°35	12°50	29° 5	27°49	4°36	29°28	T 6
W 7	7 8 58	16°27'27	26°16	14°28	2° 0	7°56	1°51	12°54	9° 7	23°34	12°50	29° 1	27°46	4°43	29°25	W 7
T 8	7 12 55	17°28'19	8♎ 7	13° 8	2°47	8°29	1°53	12°56	9° 8	23°34	12°49	28°58	27°43	4°49	29°23	T 8
F 9	7 16 51	18°29'13	19°58	11°52	3°35	9° 2	1°54	12°58	9° 9	23°33	12°48	28°D58	27°40	4°56	29°20	F 9
S 10	7 20 48	19°30'08	1♏52	10°43	4°23	9°34	1°56	12°59	9°10	23°32	12°48	28°59	27°36	5° 3	29°17	S 10
S 11	7 24 44	20°31'03	13°57	9°44	5°13	10° 7	1°57	13° 0	9°12	23°31	12°47	29° 0	27°33	5° 9	29°14	S 11
M12	7 28 41	21°32'00	26°15	8°54	6° 3	10°40	1°58	13° 1	9°13	23°30	12°46	29°R 1	27°30	5°16	29°11	M12
T 13	7 32 37	22°32'58	8♐53	8°15	6°54	11°12	1°58	13° 2	9°14	23°30	12°45	29° 0	27°27	5°23	29° 8	T 13
W14	7 36 34	23°33'57	21°54	7°48	7°46	11°44	1°59	13° 3	9°16	23°29	12°44	28°58	27°24	5°29	29° 5	W14
T 15	7 40 30	24°34'57	5♑18	7°31	8°39	12°17	1°59	13° 4	9°17	23°29	12°44	28°53	27°21	5°36	29° 2	T 15
F 16	7 44 27	25°35'57	19° 5	7°D25	9°32	12°49	2°R 0	13° 5	9°18	23°28	12°43	28°45	27°17	5°43	28°59	F 16
S 17	7 48 24	26°36'58	3♒12	7°28	10°26	13°21	2° 0	13° 6	9°20	23°27	12°42	28°36	27°14	5°50	28°55	S 17
S 18	7 52 20	27°37'59	17°35	7°41	11°21	13°53	1°59	13° 6	9°21	23°27	12°41	28°26	27°11	5°56	28°52	S 18
M19	7 56 17	28°39'01	2♓ 6	8° 2	12°16	14°25	1°59	13° 7	9°23	23°26	12°40	28°16	27° 8	6° 3	28°48	M19
T 20	8 0 13	29°40'03	16°39	8°31	13°12	14°56	1°58	13° 7	9°25	23°26	12°39	28° 8	27° 5	6°10	28°45	T 20
W21	8 4 10	0♒41'05	1♈ 8	9° 6	14° 9	15°28	1°57	13° 7	9°26	23°25	12°38	28° 2	27° 2	6°16	28°41	W21
T 22	8 8 6	1°42'07	15°28	9°47	15° 6	15°59	1°56	13°R 7	9°28	23°25	12°37	27°59	26°58	6°23	28°37	T 22
F 23	8 12 3	2°43'10	29°36	10°34	16° 3	16°31	1°55	13° 7	9°30	23°25	12°36	27°D58	26°55	6°30	28°34	F 23
S 24	8 15 59	3°44'12	13♉31	11°26	17° 1	17° 2	1°54	13° 7	9°32	23°24	12°35	27°58	26°52	6°36	28°30	S 24
S 25	8 19 56	4°45'15	27°14	12°21	18° 0	17°33	1°52	13° 7	9°34	23°24	12°34	27°R58	26°49	6°43	28°26	S 25
M26	8 23 53	5°46'17	10♊46	13°21	18°59	18° 4	1°50	13° 6	9°35	23°24	12°33	27°57	26°46	6°50	28°22	M26
T 27	8 27 49	6°47'20	24° 6	14°24	19°58	18°35	1°48	13° 6	9°37	23°24	12°32	27°55	26°42	6°56	28°18	T 27
W28	8 31 46	7°48'22	7♋16	15°30	20°58	19° 5	1°46	13° 5	9°39	23°23	12°31	27°49	26°39	7° 3	28°14	W28
T 29	8 35 42	8°49'25	20°15	16°38	21°58	19°36	1°44	13° 5	9°41	23°23	12°29	27°40	26°36	7°10	28°10	T 29
F 30	8 39 39	9°50'27	3♌ 3	17°49	22°59	20° 6	1°41	13° 4	9°43	23°23	12°28	27°29	26°33	7°17	28° 6	F 30
S 31	8 43 35	10♒51'30	15♌39	19♉ 2	24♐ 0	20♏36	1♎39	13♎ 3	9♈46	23♉23	12♍27	27♏16	26♏30	7♎23	28♌ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚸	⚷	⚷	⚷
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	19n19	3s26	21s12	0n16	16s33	2n59	11s32	1n29	0n18	1n 1	3s 5	2n 3	2n51	0s45	16n56	1s38	14n23	8n22	19s54	19s33	5s25	4n31	7s26
F 2	22 44	16 53	4 13	21 1	0 36	16 37	3 4	11 43	1 29	0 17	1 1	3 5	2 4	2 52	0 45	16 55	1 38	14 24	8 22	19 53	19 32	5 28	4 31	7 26
S 3	22 39	13 40	4 46	20 51	0 56	16 42	3 8	11 54	1 29	0 16	1 2	3 6	2 4	2 52	0 45	16 55	1 38	14 24	8 23	19 51	19 32	5 30	4 31	7 27
S 4	22 33	9 54	5 4	20 42	1 16	16 47	3 12	12 5	1 29	0 16	1 2	3 6	2 4	2 52	0 45	16 55	1 38	14 25	8 23	19 49	19 31	5 32	4 31	7 27
M 5	22 27	5 48	5 8	20 33	1 35	16 52	3 16	12 16	1 29	0 15	1 2	3 7	2 5	2 53	0 45	16 55	1 38	14 25	8 23	19 48	19 30	5 34	4 32	7 28
T 6	22 20	1 32	4 58	20 25	1 53	16 58	3 19	12 26	1 29	0 14	1 2	3 7	2 5	2 53	0 45	16 55	1 38	14 26	8 23	19 46	19 30	5 36	4 32	7 28
W 7	22 13	2s44	4 34	20 18	2 9	17 4	3 22	12 37	1 29	0 14	1 3	3 8	2 5	2 54	0 45	16 55	1 38	14 26	8 24	19 45	19 29	5 38	4 33	7 29
T 8	22 5	6 52	4 0	20 12	2 23	17 10	3 25	12 47	1 29	0 13	1 3	3 8	2 5	2 54	0 45	16 54	1 38	14 27	8 24	19 45	19 28	5 40	4 33	7 29
F 9	21 57	10 44	3 15	20 7	2 35	17 16	3 28	12 58	1 29	0 13	1 3	3 8	2 6	2 54	0 45	16 54	1 38	14 27	8 24	19 45	19 28	5 43	4 34	7 30
S 10	21 49	14 13	2 21	20 3	2 45	17 23	3 30	13 8	1 29	0 13	1 3	3 9	2 6	2 55	0 45	16 54	1 38	14 28	8 25	19 45	19 27	5 45	4 34	7 30
S 11	21 40	17 9	1 20	20 1	2 52	17 29	3 32	13 18	1 29	0 12	1 4	3 9	2 6	2 55	0 45	16 54	1 38	14 28	8 25	19 45	19 26	5 47	4 35	7 31
M12	21 31	19 23	0 15	20 0	2 56	17 36	3 34	13 28	1 29	0 12	1 4	3 9	2 6	2 56	0 45	16 54	1 38	14 29	8 25	19 45	19 25	5 49	4 35	7 31
T 13	21 21	20 43	0n53	20 0	2 59	17 43	3 36	13 38	1 29	0 12	1 4	3 9	2 7	2 57	0 45	16 54	1 38	14 29	8 25	19 45	19 25	5 51	4 36	7 31
W14	21 11	20 59	2 0	20 1	2 59	17 50	3 37	13 48	1 30	0 12	1 4	3 9	2 7	2 57	0 45	16 54	1 38	14 30	8 26	19 45	19 24	5 53	4 37	7 32
T 15	21 1	20 5	3 2	20 3	2 58	17 56	3 39	13 57	1 30	0 12	1 5	3 9	2 7	2 58	0 45	16 54	1 38	14 31	8 26	19 44	19 23	5 55	4 37	7 32
F 16	20 50	18 0	3 55	20 6	2 55	18 3	3 40	14 7	1 30	0 13	1 5	3 9	2 8	2 58	0 45	16 53	1 38	14 31	8 26	19 42	19 23	5 58	4 38	7 33
S 17	20 38	14 48	4 35	20 10	2 51	18 10	3 41	14 17	1 30	0 13	1 5	3 9	2 8	2 59	0 45	16 53	1 38	14 32	8 26	19 40	19 22	6 0	4 39	7 33
S 18	20 27	10 40	4 59	20 15	2 45	18 17	3 41	14 26	1 30	0 13	1 5	3 9	2 8	3 0	0 45	16 53	1 38	14 32	8 27	19 38	19 21	6 2	4 40	7 33
M19	20 15	5 54	5 3	20 20	2 39	18 24	3 42	14 35	1 30	0 14	1 6	3 9	2 8	3 0	0 44	16 53	1 38	14 33	8 27	19 36	19 20	6 4	4 41	7 34
T 20	20 2	0 47	4 48	20 25	2 32	18 30	3 42	14 44	1 30	0 14	1 6	3 9	2 9	3 1	0 44	16 53	1 38	14 34	8 27	19 34	19 20	6 6	4 41	7 34
W21	19 49	4n21	4 15	20 31	2 24	18 37	3 42	14 53	1 30	0 15	1 6	3 9	2 9	3 2	0 44	16 53	1 38	14 34	8 27	19 33	19 19	6 8	4 42	7 34
T 22	19 36	9 12	3 26	20 36	2 16	18 43	3 42	15 2	1 30	0 15	1 7	3 9	2 9	3 2	0 44	16 53	1 37	14 35	8 28	19 32	19 18	6 10	4 43	7 35
F 23	19 22	13 30	2 25	20 41	2 8	18 49	3 42	15 11	1 30	0 16	1 7	3 8	2 10	3 3	0 44	16 53	1 37	14 35	8 28	19 31	19 17	6 12	4 44	7 35
S 24	19 8	16 58	1 16	20 45	1 59	18 56	3 41	15 20	1 30	0 17	1 7	3 8	2 10	3 4	0 44	16 53	1 37	14 36	8 28	19 32	19 17	6 15	4 45	7 35
S 25	18 54	19 26	0 4	20 50	1 50	19 1	3 40	15 29	1 30	0 18	1 7	3 8	2 10	3 4	0 44	16 53	1 37	14 37	8 28	19 32	19 16	6 17	4 46	7 35
M26	18 39	20 44	1s 8	20 53	1 41	19 7	3 40	15 37	1 30	0 19	1 8	3 7	2 10	3 5	0 44	16 53	1 37	14 37	8 28	19 31	19 15	6 19	4 48	7 36
T 27	18 24	20 51	2 14	20 56	1 32	19 13	3 39	15 46	1 30	0 20	1 8	3 7	2 11	3 6	0 44	16 53	1 37	14 38	8 29	19 31	19 15	6 21	4 49	7 36
W28	18 9	19 49	3 12	20 58	1 23	19 18	3 38	15 54	1 30	0 21	1 8	3 7	2 11	3 7	0 44	16 53	1 37	14 38	8 29	19 30	19 14	6 23	4 50	7 36
T 29	17 53	17 45	4 0	20 59	1 13	19 23	3 36	16 2	1 29	0 22	1 8	3 6	2 11	3 8	0 44	16 53	1 37	14 39	8 29	19 28	19 13	6 25	4 51	7 36
F 30	17 37	14 51	4 34	20 59	1 4	19 28	3 35	16 10	1 29	0 23	1 9	3 5	2 12	3 9	0 44	16 53	1 37	14 40	8 29	19 25	19 12	6 27	4 52	7 36
S 31	17s21	11n18	4s55	20s58	0n55	19s32	3n33	16s18	1n29	0n24	1n 9	3s 5	2n12	3n 9	0s44	16n53	1s37	14n40	8n30	19s22	19s12	6s29	4n53	7s37

Julian Day Number = 3068074.5, Delta T = 02h35m02s
Ecliptic obliquity = 23°13'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'22, Lahiri = 47°31'22

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

FEBRUARY 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 47 32	11♒52'32	28♌ 4	20♉16	25♐ 2	21♏ 7	1°R36	13°R 2	9♈48	23°R23	12°R26	27°R 2	26♏27	7♎30	27°R57	S 1
M 2	8 51 29	12°53'35	10♍17	21°33	26° 4	21°37	1♎33	13♎ 1	9°50	23°D23	12♍25	26♏49	26°23	7°37	27♌53	M 2
T 3	8 55 25	13°54'38	22°20	22°50	27° 6	22° 6	1°29	13° 0	9°52	23♉23	12°24	26°37	26°20	7°43	27°49	T 3
W 4	8 59 22	14°55'40	4♎15	24°10	28° 9	22°36	1°26	12°58	9°54	23°23	12°22	26°28	26°17	7°50	27°44	W 4
T 5	9 3 18	15°56'43	16° 5	25°30	29°12	23° 6	1°22	12°57	9°57	23°23	12°21	26°22	26°14	7°57	27°40	T 5
F 6	9 7 15	16°57'46	27°53	26°52	0♉15	23°35	1°18	12°55	9°59	23°23	12°20	26°18	26°11	8° 3	27°36	F 6
S 7	9 11 11	17°58'49	9♏45	28°14	1°19	24° 4	1°14	12°54	10° 1	23°23	12°18	26°17	26° 8	8°10	27°31	S 7
S 8	9 15 8	18°59'53	21°47	29°38	2°23	24°33	1°10	12°52	10° 4	23°23	12°17	26°16	26° 4	8°17	27°27	S 8
M 9	9 19 4	20° 0'56	4♐ 2	1♒ 2	3°27	25° 2	1° 6	12°50	10° 6	23°24	12°16	26°16	26° 1	8°23	27°22	M 9
T 10	9 23 1	21° 1'59	16°38	2°27	4°32	25°31	1° 1	12°48	10° 9	23°24	12°15	26°15	25°58	8°30	27°18	T 10
W11	9 26 57	22° 3'02	29°38	3°53	5°37	25°59	0°57	12°46	10°11	23°24	12°13	26°12	25°55	8°37	27°13	W11
T 12	9 30 54	23° 4'05	13♉ 6	5°20	6°42	26°28	0°52	12°44	10°14	23°25	12°12	26° 6	25°52	8°43	27° 9	T 12
F 13	9 34 51	24° 5'08	27° 3	6°48	7°47	26°56	0°47	12°41	10°17	23°25	12°11	25°57	25°48	8°50	27° 4	F 13
S 14	9 38 47	25° 6'11	11♒26	8°16	8°53	27°24	0°42	12°39	10°19	23°25	12° 9	25°46	25°45	8°57	27° 0	S 14
S 15	9 42 44	26° 7'13	26°10	9°45	9°59	27°52	0°36	12°37	10°22	23°26	12° 8	25°33	25°42	9° 4	26°55	S 15
M16	9 46 40	27° 8'15	11♓ 6	11°15	11° 5	28°19	0°31	12°34	10°25	23°26	12° 6	25°21	25°39	9°10	26°51	M16
T 17	9 50 37	28° 9'16	26° 6	12°45	12°11	28°47	0°25	12°31	10°27	23°27	12° 5	25°11	25°36	9°17	26°46	T 17
W18	9 54 33	29°10'16	11♈ 0	14°16	13°18	29°14	0°19	12°29	10°30	23°27	12° 4	25° 3	25°33	9°24	26°41	W18
T 19	9 58 30	0♓11'16	25°40	15°47	14°24	29°41	0°13	12°26	10°33	23°28	12° 2	24°58	25°29	9°30	26°37	T 19
F 20	10 2 26	1°12'14	10♉ 2	17°19	15°31	0♐ 8	0° 7	12°23	10°36	23°28	12° 1	24°56	25°26	9°37	26°32	F 20
S 21	10 6 23	2°13'12	24° 3	18°52	16°38	0°34	0° 1	12°20	10°39	23°29	11°59	24°55	25°23	9°44	26°28	S 21
S 22	10 10 20	3°14'09	7♊44	20°25	17°46	1° 0	29♍55	12°17	10°41	23°30	11°58	24°55	25°20	9°50	26°23	S 22
M23	10 14 16	4°15'04	21° 6	21°59	18°53	1°26	29°48	12°14	10°44	23°30	11°57	24°55	25°17	9°57	26°19	M23
T 24	10 18 13	5°15'59	4♋12	23°34	20° 1	1°52	29°42	12°10	10°47	23°31	11°55	24°52	25°14	10° 4	26°14	T 24
W25	10 22 9	6°16'53	17° 4	25° 9	21° 9	2°18	29°35	12° 7	10°50	23°32	11°54	24°46	25°10	10°10	26°10	W25
T 26	10 26 6	7°17'45	29°44	26°45	22°17	2°43	29°28	12° 4	10°53	23°33	11°52	24°37	25° 7	10°17	26° 5	T 26
F 27	10 30 2	8°18'37	12♌14	28°22	23°25	3° 8	29°22	12° 0	10°56	23°34	11°51	24°26	25° 4	10°24	26° 1	F 27
S 28	10 33 59	9°19'27	24°34	29°59	24°33	3°33	29°15	11°56	10°59	23°34	11°50	24°13	25° 1	10°30	25°57	S 28
S 29	10 37 55	10♓20'16	6♍46	1♓37	25♉41	3♐58	29♍ 7	11♎53	11♈ 2	23♉35	11♍48	23♏59	24♏58	10♎37	25♌52	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 4	7n19	5s 1	20s57	0n46	19s36	3n32	16s26	1n29	0n26	1n 9	3s 4	2n12	3n10	0s44	16n53	1s37	14n41	8n30	19s19	19s11	6s31	4n55	7s37
M 2	16 47	3 7	4 53	20 54	0 37	19 40	3 30	16 34	1 29	0 27	1 9	3 4	2 12	3 11	0 44	16 53	1 37	14 42	8 30	19 16	19 10	6 33	4 56	7 37
T 3	16 30	1s 9	4 31	20 50	0 28	19 43	3 28	16 41	1 29	0 29	1 10	3 3	2 13	3 12	0 44	16 53	1 37	14 42	8 30	19 13	19 9	6 36	4 57	7 37
W 4	16 13	5 20	3 59	20 46	0 20	19 46	3 26	16 49	1 29	0 30	1 10	3 2	2 13	3 13	0 44	16 53	1 37	14 43	8 30	19 11	19 9	6 38	4 59	7 37
T 5	15 55	9 17	3 16	20 40	0 11	19 49	3 24	16 56	1 29	0 32	1 10	3 1	2 13	3 14	0 44	16 53	1 37	14 44	8 31	19 10	19 8	6 40	5 0	7 37
F 6	15 37	12 52	2 24	20 33	0 3	19 52	3 22	17 4	1 29	0 34	1 10	3 0	2 13	3 15	0 44	16 53	1 37	14 44	8 31	19 9	19 7	6 42	5 1	7 37
S 7	15 18	15 58	1 26	20 24	0s 5	19 54	3 19	17 11	1 29	0 35	1 10	3 0	2 14	3 16	0 44	16 53	1 37	14 45	8 31	19 9	19 6	6 44	5 3	7 37
S 8	15 0	18 26	0 24	20 15	0 13	19 55	3 17	17 18	1 29	0 37	1 11	2 59	2 14	3 17	0 44	16 54	1 37	14 46	8 31	19 9	19 6	6 46	5 4	7 37
M 9	14 41	20 5	0n41	20 5	0 21	19 56	3 14	17 25	1 29	0 39	1 11	2 58	2 14	3 18	0 44	16 54	1 36	14 46	8 31	19 9	19 5	6 48	5 6	7 37
T 10	14 21	20 48	1 46	19 53	0 28	19 57	3 11	17 32	1 29	0 41	1 11	2 57	2 14	3 19	0 44	16 54	1 36	14 47	8 31	19 8	19 4	6 50	5 7	7 37
W11	14 2	20 27	2 47	19 41	0 35	19 58	3 9	17 38	1 29	0 43	1 11	2 56	2 15	3 20	0 44	16 54	1 36	14 48	8 32	19 7	19 4	6 52	5 9	7 37
T 12	13 42	18 55	3 41	19 27	0 42	19 58	3 6	17 45	1 28	0 45	1 12	2 55	2 15	3 21	0 44	16 54	1 36	14 48	8 32	19 6	19 3	6 54	5 10	7 37
F 13	13 22	16 15	4 23	19 12	0 49	19 57	3 3	17 52	1 28	0 48	1 12	2 53	2 15	3 22	0 44	16 54	1 36	14 49	8 32	19 4	19 2	6 56	5 12	7 37
S 14	13 2	12 32	4 51	18 56	0 56	19 56	3 0	17 58	1 28	0 50	1 12	2 52	2 15	3 23	0 44	16 54	1 36	14 49	8 32	19 1	19 1	6 58	5 13	7 37
S 15	12 42	7 58	5 0	18 39	1 2	19 55	2 57	18 4	1 28	0 52	1 12	2 51	2 16	3 24	0 44	16 54	1 36	14 50	8 32	18 59	19 1	7 0	5 15	7 37
M16	12 21	2 52	4 49	18 21	1 8	19 53	2 53	18 10	1 28	0 54	1 12	2 50	2 16	3 25	0 44	16 55	1 36	14 51	8 32	18 56	19 0	7 2	5 17	7 37
T 17	12 0	2n25	4 18	18 1	1 14	19 51	2 50	18 17	1 28	0 57	1 13	2 49	2 16	3 26	0 44	16 55	1 36	14 51	8 32	18 53	18 59	7 5	5 18	7 37
W18	11 39	7 32	3 30	17 41	1 20	19 48	2 47	18 22	1 28	0 59	1 13	2 47	2 16	3 27	0 44	16 55	1 36	14 52	8 33	18 51	18 58	7 7	5 20	7 37
T 19	11 18	12 8	2 28	17 19	1 25	19 45	2 43	18 28	1 28	1 2	1 13	2 46	2 17	3 28	0 43	16 55	1 36	14 53	8 33	18 50	18 58	7 9	5 21	7 36
F 20	10 57	15 55	1 18	16 56	1 30	19 41	2 40	18 34	1 27	1 4	1 13	2 45	2 17	3 29	0 43	16 55	1 36	14 53	8 33	18 50	18 57	7 11	5 23	7 36
S 21	10 35	18 41	0 5	16 32	1 35	19 37	2 36	18 40	1 27	1 7	1 13	2 43	2 17	3 31	0 43	16 56	1 36	14 54	8 33	18 49	18 56	7 13	5 25	7 36
S 22	10 14	20 18	1s 7	16 7	1 40	19 32	2 33	18 45	1 27	1 10	1 14	2 42	2 17	3 32	0 43	16 56	1 36	14 55	8 33	18 49	18 55	7 15	5 26	7 36
M23	9 52	20 42	2 14	15 41	1 44	19 27	2 29	18 51	1 27	1 12	1 14	2 41	2 17	3 33	0 43	16 56	1 36	14 55	8 33	18 49	18 55	7 17	5 28	7 36
T 24	9 30	19 58	3 12	15 14	1 48	19 21	2 25	18 56	1 27	1 15	1 14	2 39	2 18	3 34	0 43	16 56	1 36	14 56	8 33	18 49	18 54	7 19	5 30	7 35
W25	9 8	18 12	3 59	14 46	1 51	19 15	2 22	19 1	1 26	1 18	1 14	2 38	2 18	3 35	0 43	16 56	1 36	14 57	8 33	18 47	18 53	7 21	5 32	7 35
T 26	8 45	15 34	4 33	14 17	1 54	19 8	2 18	19 6	1 26	1 21	1 14	2 36	2 18	3 36	0 43	16 57	1 36	14 57	8 33	18 45	18 52	7 23	5 33	7 35
F 27	8 23	12 16	4 54	13 46	1 57	19 1	2 14	19 11	1 26	1 24	1 14	2 35	2 18	3 38	0 43	16 57	1 36	14 58	8 34	18 42	18 52	7 25	5 35	7 35
S 28	8 0	8 29	5 1	13 15	2 0	18 53	2 10	19 16	1 26	1 27	1 15	2 33	2 19	3 39	0 43	16 57	1 35	14 59	8 34	18 39	18 51	7 27	5 37	7 34
S 29	7s37	4n24	4s53	12s43	2s 2	18s45	2n 6	19s21	1n25	1n29	1n15	2s31	2n19	3n40	0s43	16n58	1s35	14n59	8n34	18s36	18s50	7s29	5n38	7s34

Julian Day Number = 3068105.5, Delta T = 02h35m03s
Ecliptic obliquity = 23°13'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'26, Lahiri = 47°31'26

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

MARCH 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 41 52	11♓21'05	18♍50	3♓16	26♉50	4♐22	29°R 0	11°R49	11♈ 5	23♉36	11°R47	23°R45	24♏54	10♎44	25°R48	M 1
T 2	10 45 49	12°21'52	0♎47	4°55	27°59	4°46	28♍53	11♎45	11° 9	23°37	11♍45	23♏33	24°51	10°50	25♌44	T 2
W 3	10 49 45	13°22'39	12°38	6°35	29° 8	5°10	28°46	11°41	11°12	23°38	11°44	23°23	24°48	10°57	25°39	W 3
T 4	10 53 42	14°23'24	24°27	8°16	0♒17	5°34	28°38	11°37	11°15	23°39	11°42	23°17	24°45	11° 4	25°35	T 4
F 5	10 57 38	15°24'09	6♏15	9°58	1°26	5°57	28°31	11°33	11°18	23°40	11°41	23°13	24°42	11°10	25°31	F 5
S 6	11 1 35	16°24'53	18° 6	11°40	2°35	6°20	28°23	11°29	11°21	23°41	11°39	23°D11	24°39	11°17	25°27	S 6
S 7	11 5 31	17°25'36	0♐ 6	13°24	3°45	6°43	28°16	11°25	11°24	23°43	11°38	23°11	24°35	11°24	25°23	S 7
M 8	11 9 28	18°26'18	12°19	15° 8	4°54	7° 5	28° 8	11°21	11°28	23°44	11°37	23°12	24°32	11°31	25°19	M 8
T 9	11 13 24	19°26'59	24°51	16°53	6° 4	7°27	28° 0	11°17	11°31	23°45	11°35	23°R12	24°29	11°37	25°15	T 9
W10	11 17 21	20°27'39	7♑45	18°39	7°14	7°49	27°52	11°12	11°34	23°46	11°34	23°10	24°26	11°44	25°11	W10
T 11	11 21 18	21°28'18	21° 8	20°25	8°24	8°11	27°45	11° 8	11°37	23°47	11°32	23° 7	24°23	11°51	25° 7	T 11
F 12	11 25 14	22°28'56	5♒ 0	22°13	9°34	8°32	27°37	11° 4	11°41	23°49	11°31	23° 0	24°19	11°57	25° 3	F 12
S 13	11 29 11	23°29'34	19°22	24° 1	10°44	8°52	27°29	10°59	11°44	23°50	11°29	22°52	24°16	12° 4	24°59	S 13
S 14	11 33 7	24°30'09	4♓10	25°50	11°54	9°13	27°21	10°55	11°47	23°51	11°28	22°43	24°13	12°11	24°56	S 14
M15	11 37 4	25°30'44	19°16	27°40	13° 4	9°33	27°13	10°50	11°51	23°53	11°27	22°34	24°10	12°17	24°52	M15
T 16	11 41 0	26°31'17	4♈31	29°30	14°15	9°52	27° 5	10°46	11°54	23°54	11°25	22°26	24° 7	12°24	24°48	T 16
W17	11 44 57	27°31'49	19°44	1♈21	15°25	10°12	26°57	10°41	11°57	23°55	11°24	22°19	24° 4	12°31	24°45	W17
T 18	11 48 53	28°32'19	4♉44	3°13	16°36	10°31	26°49	10°36	12° 1	23°57	11°23	22°16	24° 0	12°37	24°41	T 18
F 19	11 52 50	29°32'48	19°25	5° 6	17°46	10°49	26°41	10°32	12° 4	23°58	11°21	22°D15	23°57	12°44	24°38	F 19
S 20	11 56 46	0♈33'15	3♊42	6°58	18°57	11° 7	26°33	10°27	12° 7	24° 0	11°20	22°15	23°54	12°51	24°35	S 20
S 21	12 0 43	1°33'40	17°33	8°51	20° 8	11°25	26°26	10°22	12°11	24° 1	11°18	22°16	23°51	12°57	24°32	S 21
M22	12 4 40	2°34'03	0♋59	10°44	21°19	11°42	26°18	10°18	12°14	24° 3	11°17	22°R17	23°48	13° 4	24°29	M22
T 23	12 8 36	3°34'25	14° 3	12°37	22°30	11°59	26°10	10°13	12°18	24° 4	11°16	22°16	23°45	13°11	24°26	T 23
W24	12 12 33	4°34'44	26°49	14°30	23°41	12°15	26° 2	10° 8	12°21	24° 6	11°15	22°14	23°41	13°17	24°23	W24
T 25	12 16 29	5°35'02	9♌19	16°22	24°52	12°31	25°54	10° 3	12°24	24° 8	11°13	22° 9	23°38	13°24	24°20	T 25
F 26	12 20 26	6°35'18	21°36	18°14	26° 3	12°47	25°47	9°59	12°28	24° 9	11°12	22° 2	23°35	13°31	24°17	F 26
S 27	12 24 22	7°35'32	3♍44	20° 4	27°14	13° 2	25°39	9°54	12°31	24°11	11°11	21°54	23°32	13°37	24°14	S 27
S 28	12 28 19	8°35'44	15°45	21°53	28°25	13°17	25°32	9°49	12°35	24°13	11° 9	21°46	23°29	13°44	24°12	S 28
M29	12 32 15	9°35'55	27°40	23°40	29°37	13°31	25°24	9°44	12°38	24°14	11° 8	21°37	23°25	13°51	24° 9	M29
T 30	12 36 12	10°36'03	9♎32	25°24	0♓48	13°44	25°17	9°39	12°42	24°16	11° 7	21°30	23°22	13°57	24° 7	T 30
W31	12 40 9	11♈36'10	21♎21	27♈ 5	2♓ 0	13♐57	25♍ 9	9♎35	12♈45	24♉18	11♍ 6	21♏24	23♏19	14♎ 4	24♌ 4	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s15	0n11	4s33	12s 9	2s 4	18s36	2n 2	19s26	1n25	1n32	1n15	2s30	2n19	3n41	0s43	16n58	1s35	15n 0	8n34	18s32	18s49	7s31	5n40	7s34
T 2	6 52	3s59	4 1	11 34	2 6	18 27	1 58	19 30	1 25	1 35	1 15	2 28	2 19	3 42	0 43	16 58	1 35	15 0	8 34	18 29	18 48	7 33	5 42	7 33
W 3	6 29	7 59	3 18	10 59	2 7	18 17	1 54	19 35	1 25	1 38	1 15	2 26	2 19	3 44	0 43	16 58	1 35	15 1	8 34	18 27	18 48	7 35	5 44	7 33
T 4	6 5	11 40	2 27	10 22	2 8	18 7	1 50	19 39	1 24	1 42	1 15	2 25	2 19	3 45	0 43	16 59	1 35	15 2	8 34	18 25	18 47	7 37	5 45	7 33
F 5	5 42	14 53	1 29	9 45	2 8	17 56	1 46	19 43	1 24	1 45	1 15	2 23	2 20	3 46	0 43	16 59	1 35	15 2	8 34	18 24	18 46	7 39	5 47	7 32
S 6	5 19	17 30	0 27	9 6	2 8	17 45	1 42	19 48	1 24	1 48	1 16	2 21	2 20	3 47	0 43	16 59	1 35	15 3	8 34	18 24	18 45	7 41	5 49	7 32
S 7	4 55	19 23	0n37	8 26	2 8	17 33	1 38	19 52	1 23	1 51	1 16	2 20	2 20	3 49	0 43	17 0	1 35	15 3	8 34	18 24	18 45	7 43	5 50	7 31
M 8	4 32	20 24	1 40	7 45	2 7	17 21	1 34	19 56	1 23	1 54	1 16	2 18	2 20	3 50	0 43	17 0	1 35	15 4	8 34	18 24	18 44	7 45	5 52	7 31
T 9	4 8	20 27	2 41	7 4	2 6	17 8	1 30	20 0	1 23	1 57	1 16	2 16	2 20	3 51	0 43	17 0	1 35	15 5	8 34	18 24	18 43	7 47	5 54	7 30
W10	3 45	19 25	3 35	6 21	2 4	16 55	1 26	20 4	1 22	2 0	1 16	2 14	2 20	3 52	0 43	17 1	1 35	15 5	8 34	18 24	18 42	7 49	5 56	7 30
T 11	3 21	17 19	4 19	5 38	2 2	16 41	1 21	20 7	1 22	2 3	1 16	2 12	2 21	3 54	0 43	17 1	1 35	15 6	8 34	18 23	18 42	7 51	5 57	7 30
F 12	2 57	14 9	4 50	4 53	1 59	16 27	1 17	20 11	1 22	2 7	1 16	2 11	2 21	3 55	0 43	17 1	1 35	15 6	8 34	18 21	18 41	7 53	5 59	7 29
S 13	2 34	10 3	5 4	4 8	1 56	16 13	1 13	20 15	1 21	2 10	1 16	2 9	2 21	3 56	0 43	17 2	1 35	15 7	8 34	18 19	18 40	7 55	6 1	7 28
S 14	2 10	5 15	4 59	3 21	1 52	15 58	1 9	20 18	1 21	2 13	1 16	2 7	2 21	3 58	0 43	17 2	1 35	15 8	8 34	18 17	18 39	7 57	6 2	7 28
M15	1 46	0 1	4 33	2 34	1 48	15 42	1 5	20 21	1 20	2 16	1 17	2 5	2 21	3 59	0 43	17 2	1 35	15 8	8 34	18 15	18 38	7 59	6 4	7 27
T 16	1 22	5n15	3 47	1 46	1 43	15 26	1 1	20 25	1 20	2 19	1 17	2 3	2 21	4 0	0 43	17 3	1 35	15 9	8 34	18 13	18 38	8 1	6 6	7 27
W17	0 58	10 12	2 45	0 58	1 38	15 10	0 57	20 28	1 19	2 22	1 17	2 1	2 21	4 1	0 43	17 3	1 35	15 9	8 35	18 11	18 37	8 3	6 7	7 26
T 18	0 35	14 26	1 33	0 8	1 32	14 53	0 53	20 31	1 19	2 26	1 17	1 59	2 22	4 3	0 43	17 4	1 35	15 10	8 35	18 10	18 36	8 5	6 9	7 26
F 19	0 11	17 40	0 15	0n42	1 25	14 36	0 48	20 34	1 18	2 29	1 17	1 57	2 22	4 4	0 43	17 4	1 34	15 10	8 35	18 10	18 35	8 7	6 11	7 25
S 20	0n13	19 42	1s 1	1 33	1 18	14 18	0 44	20 37	1 18	2 32	1 17	1 55	2 22	4 5	0 43	17 4	1 34	15 11	8 35	18 10	18 35	8 9	6 12	7 25
S 21	0 37	20 27	2 12	2 24	1 11	14 0	0 40	20 40	1 17	2 35	1 17	1 54	2 22	4 7	0 43	17 5	1 34	15 11	8 34	18 10	18 34	8 11	6 14	7 24
M22	1 1	20 0	3 13	3 15	1 2	13 42	0 36	20 43	1 17	2 38	1 17	1 52	2 22	4 8	0 43	17 5	1 34	15 12	8 34	18 10	18 33	8 13	6 16	7 23
T 23	1 24	18 28	4 3	4 7	0 54	13 23	0 32	20 46	1 16	2 41	1 17	1 50	2 22	4 9	0 43	17 6	1 34	15 12	8 34	18 10	18 32	8 15	6 17	7 23
W24	1 48	16 3	4 39	4 59	0 44	13 4	0 28	20 49	1 15	2 44	1 17	1 48	2 22	4 11	0 43	17 6	1 34	15 13	8 34	18 10	18 31	8 17	6 19	7 22
T 25	2 12	12 55	5 1	5 51	0 34	12 44	0 24	20 51	1 15	2 47	1 17	1 46	2 22	4 12	0 43	17 7	1 34	15 13	8 34	18 8	18 31	8 19	6 20	7 21
F 26	2 36	9 18	5 8	6 43	0 24	12 24	0 21	20 54	1 14	2 50	1 17	1 44	2 22	4 13	0 43	17 7	1 34	15 14	8 34	18 7	18 30	8 21	6 22	7 21
S 27	2 59	5 21	5 2	7 34	0 13	12 4	0 17	20 56	1 13	2 54	1 17	1 42	2 22	4 15	0 43	17 7	1 34	15 14	8 34	18 5	18 29	8 23	6 23	7 20
S 28	3 23	1 14	4 42	8 26	0 2	11 43	0 13	20 59	1 13	2 56	1 17	1 40	2 22	4 16	0 43	17 8	1 34	15 15	8 34	18 2	18 28	8 25	6 25	7 19
M29	3 46	2s55	4 10	9 16	0n10	11 22	0 9	21 1	1 12	2 59	1 17	1 38	2 22	4 17	0 43	17 8	1 34	15 15	8 34	18 0	18 28	8 27	6 26	7 19
T 30	4 10	6 55	3 27	10 5	0 23	11 0	0 5	21 4	1 11	3 2	1 17	1 36	2 22	4 19	0 43	17 9	1 34	15 15	8 34	17 58	18 27	8 29	6 28	7 18
W31	4n33	10s40	2s36	10n53	0n35	10s39	0n 2	21s 6	1n11	3n 5	1n17	1s34	2n23	4n20	0s43	17n 9	1s34	15n16	8n34	17s57	18s26	8s31	6n29	7s17

Julian Day Number = 3068134.5, Delta T = 02h35m04s
Ecliptic obliquity = 23°13'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'30, Lahiri = 47°31'31

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

APRIL 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 44 5	12♈36'15	3♏11	28♈43	3♓11	14♐10	25°R 2	9°R30	12♈49	24♉20	11°R 5	21°R21	23♏16	14♎11	24°R 2	T 1
F 2	12 48 2	13°36'19	15° 2	0♉17	4°23	14°22	24♍55	9♎25	12°52	24°21	11♍ 3	21♏19	23°13	14°17	24♌ 0	F 2
S 3	12 51 58	14°36'21	26°58	1°47	5°34	14°34	24°48	9°20	12°55	24°23	11° 2	21°D19	23°10	14°24	23°58	S 3
S 4	12 55 55	15°36'22	9♐ 2	3°11	6°46	14°45	24°41	9°15	12°59	24°25	11° 1	21°20	23° 6	14°31	23°56	S 4
M 5	12 59 51	16°36'21	21°18	4°30	7°58	14°55	24°34	9°11	13° 2	24°27	11° 0	21°22	23° 3	14°37	23°54	M 5
T 6	13 3 48	17°36'18	3♑49	5°43	9°10	15° 5	24°27	9° 6	13° 6	24°29	10°59	21°23	23° 0	14°44	23°52	T 6
W 7	13 7 44	18°36'14	16°41	6°49	10°21	15°14	24°20	9° 1	13° 9	24°31	10°58	21°R24	22°57	14°51	23°50	W 7
T 8	13 11 41	19°36'08	29°57	7°49	11°33	15°23	24°14	8°56	13°13	24°33	10°57	21°24	22°54	14°57	23°49	T 8
F 9	13 15 38	20°36'01	13♒39	8°41	12°45	15°31	24° 7	8°52	13°16	24°35	10°56	21°22	22°50	15° 4	23°47	F 9
S 10	13 19 34	21°35'52	27°49	9°25	13°57	15°38	24° 1	8°47	13°19	24°37	10°54	21°19	22°47	15°11	23°46	S 10
S 11	13 23 31	22°35'42	12♓25	10° 1	15° 9	15°45	23°55	8°43	13°23	24°39	10°53	21°15	22°44	15°18	23°45	S 11
M12	13 27 27	23°35'30	27°22	10°29	16°21	15°51	23°49	8°38	13°26	24°41	10°52	21°11	22°41	15°24	23°44	M12
T 13	13 31 24	24°35'16	12♈33	10°49	17°34	15°57	23°43	8°33	13°30	24°43	10°51	21° 7	22°38	15°31	23°42	T 13
W14	13 35 20	25°35'00	27°48	11° 0	18°46	16° 2	23°37	8°29	13°33	24°45	10°51	21° 4	22°35	15°38	23°41	W14
T 15	13 39 17	26°34'43	12♉56	11°R 4	19°58	16° 6	23°31	8°24	13°36	24°47	10°50	21° 3	22°31	15°44	23°41	T 15
F 16	13 43 13	27°34'23	27°48	10°59	21°10	16° 9	23°26	8°20	13°40	24°49	10°49	21°D 3	22°28	15°51	23°40	F 16
S 17	13 47 10	28°34'02	12♊19	10°47	22°22	16°12	23°20	8°16	13°43	24°51	10°48	21° 4	22°25	15°58	23°39	S 17
S 18	13 51 6	29°33'38	26°23	10°27	23°35	16°14	23°15	8°11	13°47	24°53	10°47	21° 5	22°22	16° 4	23°39	S 18
M19	13 55 3	0♉33'12	10♋ 0	10° 0	24°47	16°16	23°10	8° 7	13°50	24°55	10°46	21° 7	22°19	16°11	23°38	M19
T 20	13 59 0	1°32'44	23°11	9°28	25°59	16°R16	23° 5	8° 3	13°53	24°57	10°45	21° 8	22°16	16°18	23°38	T 20
W21	14 2 56	2°32'14	6♌ 0	8°50	27°12	16°16	23° 1	7°59	13°57	24°59	10°44	21°R 8	22°12	16°24	23°38	W21
T 22	14 6 53	3°31'41	18°29	8° 7	28°24	16°15	22°56	7°55	14° 0	25° 1	10°44	21° 7	22° 9	16°31	23°37	T 22
F 23	14 10 49	4°31'07	0♍42	7°21	29°36	16°14	22°52	7°51	14° 3	25° 3	10°43	21° 6	22° 6	16°38	23°D37	F 23
S 24	14 14 46	5°30'30	12°45	6°33	0♈49	16°11	22°47	7°47	14° 6	25° 6	10°42	21° 4	22° 3	16°44	23°37	S 24
S 25	14 18 42	6°29'50	24°39	5°43	2° 1	16° 8	22°43	7°43	14°10	25° 8	10°41	21° 1	22° 0	16°51	23°38	S 25
M26	14 22 39	7°29'09	6♎30	4°52	3°14	16° 5	22°39	7°39	14°13	25°10	10°41	20°59	21°56	16°58	23°38	M26
T 27	14 26 35	8°28'26	18°18	4° 3	4°26	16° 0	22°36	7°35	14°16	25°12	10°40	20°57	21°53	17° 4	23°38	T 27
W28	14 30 32	9°27'40	0♏ 8	3°14	5°39	15°55	22°32	7°31	14°19	25°14	10°39	20°56	21°50	17°11	23°39	W28
T 29	14 34 29	10°26'53	12° 2	2°28	6°51	15°49	22°29	7°28	14°22	25°17	10°39	20°55	21°47	17°18	23°39	T 29
F 30	14 38 25	11♉26'03	24♏ 0	1♉45	8♈ 4	15♐42	22♍25	7♎24	14♈26	25♉19	10♍38	20°D55	21♏44	17♎24	23♌40	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n56	13s59	1s37	11n40	0n48	10s17	0s 2	21s 8	1n10	3n 8	1n17	1s32	2n23	4n21	0s43	17n10	1s34	15n16	8n34	17s56	18s25	8s32	6n30	7s16
F 2	5 19	16 45	0 34	12 25	1 1	9 54	0 6	21 10	1 9	3 11	1 17	1 31	2 23	4 23	0 43	17 10	1 34	15 17	8 34	17 55	18 24	8 34	6 32	7 16
S 3	5 42	18 48	0n31	13 9	1 14	9 32	0 9	21 12	1 8	3 14	1 17	1 29	2 23	4 24	0 43	17 11	1 34	15 17	8 34	17 55	18 24	8 36	6 33	7 15
S 4	6 5	20 2	1 35	13 50	1 27	9 9	0 13	21 15	1 7	3 16	1 17	1 27	2 23	4 25	0 43	17 11	1 34	15 17	8 34	17 56	18 23	8 38	6 35	7 14
M 5	6 28	20 20	2 37	14 29	1 40	8 46	0 16	21 17	1 6	3 19	1 17	1 25	2 23	4 27	0 43	17 12	1 34	15 18	8 34	17 56	18 22	8 40	6 36	7 14
T 6	6 51	19 38	3 32	15 5	1 53	8 22	0 20	21 19	1 6	3 22	1 17	1 23	2 23	4 28	0 43	17 12	1 34	15 18	8 34	17 57	18 21	8 42	6 37	7 13
W 7	7 14	17 55	4 18	15 38	2 5	7 58	0 23	21 20	1 5	3 24	1 17	1 21	2 23	4 29	0 43	17 13	1 34	15 18	8 34	17 57	18 20	8 44	6 38	7 12
T 8	7 36	15 13	4 52	16 9	2 17	7 34	0 26	21 22	1 4	3 27	1 17	1 19	2 23	4 31	0 43	17 13	1 34	15 19	8 34	17 57	18 20	8 46	6 40	7 11
F 9	7 58	11 36	5 11	16 36	2 28	7 10	0 30	21 24	1 3	3 29	1 17	1 18	2 23	4 32	0 43	17 14	1 34	15 19	8 34	17 56	18 19	8 48	6 41	7 10
S 10	8 21	7 14	5 11	17 0	2 38	6 46	0 33	21 26	1 2	3 32	1 17	1 16	2 23	4 33	0 43	17 14	1 34	15 19	8 34	17 55	18 18	8 50	6 42	7 10
S 11	8 43	2 20	4 52	17 20	2 47	6 21	0 36	21 28	1 0	3 34	1 16	1 14	2 23	4 35	0 43	17 15	1 34	15 20	8 33	17 54	18 17	8 52	6 43	7 9
M12	9 5	2n51	4 13	17 37	2 56	5 56	0 39	21 30	0 59	3 36	1 16	1 12	2 23	4 36	0 43	17 15	1 34	15 20	8 33	17 53	18 16	8 54	6 44	7 8
T 13	9 27	7 56	3 16	17 50	3 3	5 31	0 42	21 31	0 58	3 39	1 16	1 11	2 23	4 37	0 43	17 16	1 34	15 20	8 33	17 52	18 16	8 56	6 45	7 7
W14	9 48	12 32	2 5	17 59	3 9	5 6	0 45	21 33	0 57	3 41	1 16	1 9	2 23	4 39	0 43	17 16	1 34	15 21	8 33	17 52	18 15	8 57	6 46	7 6
T 15	10 10	16 17	0 45	18 4	3 13	4 41	0 48	21 35	0 56	3 43	1 16	1 7	2 23	4 40	0 43	17 17	1 34	15 21	8 33	17 51	18 14	8 59	6 48	7 6
F 16	10 31	18 53	0s37	18 6	3 16	4 15	0 51	21 36	0 55	3 45	1 16	1 5	2 22	4 41	0 43	17 17	1 34	15 21	8 33	17 51	18 13	9 1	6 49	7 5
S 17	10 52	20 10	1 55	18 3	3 18	3 49	0 54	21 38	0 53	3 47	1 16	1 4	2 22	4 42	0 43	17 18	1 34	15 21	8 33	17 52	18 12	9 3	6 50	7 4
S 18	11 13	20 8	3 3	17 56	3 17	3 24	0 56	21 39	0 52	3 49	1 16	1 2	2 22	4 44	0 43	17 18	1 33	15 22	8 33	17 52	18 12	9 5	6 50	7 3
M19	11 34	18 53	3 58	17 46	3 15	2 58	0 59	21 41	0 51	3 51	1 16	1 0	2 22	4 45	0 43	17 19	1 33	15 22	8 33	17 52	18 11	9 7	6 51	7 2
T 20	11 54	16 39	4 39	17 32	3 11	2 31	1 2	21 42	0 49	3 53	1 16	0 59	2 22	4 46	0 43	17 19	1 33	15 22	8 32	17 53	18 10	9 9	6 52	7 2
W21	12 15	13 40	5 5	17 15	3 6	2 5	1 4	21 44	0 48	3 55	1 16	0 57	2 22	4 47	0 43	17 20	1 33	15 22	8 32	17 53	18 9	9 11	6 53	7 1
T 22	12 35	10 8	5 16	16 54	2 58	1 39	1 6	21 45	0 46	3 56	1 15	0 56	2 22	4 49	0 43	17 20	1 33	15 22	8 32	17 52	18 8	9 13	6 54	7 0
F 23	12 55	6 15	5 12	16 31	2 49	1 12	1 9	21 46	0 45	3 58	1 15	0 54	2 22	4 50	0 43	17 21	1 33	15 23	8 32	17 52	18 8	9 15	6 55	6 59
S 24	13 14	2 11	4 54	16 5	2 39	0 46	1 11	21 48	0 43	3 59	1 15	0 53	2 22	4 51	0 43	17 21	1 33	15 23	8 32	17 52	18 7	9 16	6 56	6 58
S 25	13 34	1s56	4 23	15 37	2 27	0 19	1 13	21 49	0 42	4 1	1 15	0 51	2 22	4 52	0 43	17 22	1 33	15 23	8 32	17 51	18 6	9 18	6 56	6 57
M26	13 53	5 57	3 42	15 8	2 14	0n 7	1 15	21 50	0 40	4 2	1 15	0 50	2 22	4 54	0 43	17 22	1 33	15 23	8 32	17 50	18 5	9 20	6 57	6 57
T 27	14 12	9 45	2 51	14 37	1 59	0 34	1 17	21 51	0 38	4 4	1 15	0 49	2 22	4 55	0 43	17 23	1 33	15 23	8 32	17 50	18 4	9 22	6 58	6 56
W28	14 31	13 11	1 53	14 7	1 44	1 0	1 19	21 52	0 37	4 5	1 15	0 47	2 22	4 56	0 43	17 23	1 33	15 23	8 31	17 50	18 4	9 24	6 58	6 55
T 29	14 49	16 5	0 49	13 36	1 28	1 27	1 21	21 54	0 35	4 6	1 15	0 46	2 22	4 57	0 43	17 24	1 33	15 23	8 31	17 49	18 3	9 26	6 59	6 54
F 30	15n 7	18s19	0n17	13n 6	1n12	1n54	1s23	21s55	0n33	4n 7	1n14	0s45	2n21	4n59	0s43	17n24	1s33	15n24	8n31	17s49	18s 2	9s28	6n59	6s53

Julian Day Number = 3068165.5, Delta T = 02h35m05s
Ecliptic obliquity = 23°13'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'34, Lahiri = 47°31'35

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

MAY 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 42 22	12♉25'12	6♐ 6	1°R 6	9♈16	15°R34	22°R22	7°R21	14♈29	25♉21	10°R38	20♏55	21♏41	17♎31	23♌41	S 1
S 2	14 46 18	13°24'19	18°21	0♋31	10°29	15♐26	22♍19	7♎17	14°32	25°23	10♍37	20°56	21°37	17°38	23°42	S 2
M 3	14 50 15	14°23'24	0♌48	0° 1	11°42	15°17	22°17	7°14	14°35	25°25	10°37	20°57	21°34	17°44	23°43	M 3
T 4	14 54 11	15°22'28	13°28	29♈36	12°54	15° 7	22°14	7°11	14°38	25°28	10°36	20°57	21°31	17°51	23°44	T 4
W 5	14 58 8	16°21'30	26°26	29°16	14° 7	14°56	22°12	7° 7	14°41	25°30	10°36	20°58	21°28	17°58	23°45	W 5
T 6	15 2 4	17°20'30	9♒42	29° 2	15°20	14°45	22°10	7° 4	14°44	25°32	10°35	20°58	21°25	18° 4	23°47	T 6
F 7	15 6 1	18°19'28	23°18	28°53	16°33	14°33	22° 8	7° 1	14°47	25°34	10°35	20°R58	21°22	18°11	23°48	F 7
S 8	15 9 58	19°18'25	7♓16	28°D49	17°45	14°20	22° 6	6°58	14°50	25°37	10°35	20°58	21°18	18°18	23°50	S 8
S 9	15 13 54	20°17'20	21°36	28°50	18°58	14° 6	22° 5	6°56	14°53	25°39	10°34	20°58	21°15	18°24	23°51	S 9
M10	15 17 51	21°16'13	6♈13	28°57	20°11	13°52	22° 3	6°53	14°56	25°41	10°34	20°D58	21°12	18°31	23°53	M10
T 11	15 21 47	22°15'05	21° 5	29° 9	21°24	13°37	22° 2	6°50	14°59	25°43	10°34	20°58	21° 9	18°38	23°55	T 11
W12	15 25 44	23°13'55	6♉ 3	29°26	22°36	13°21	22° 1	6°48	15° 2	25°46	10°33	20°58	21° 6	18°44	23°57	W12
T 13	15 29 40	24°12'43	21° 1	29°47	23°49	13° 5	22° 0	6°45	15° 5	25°48	10°33	20°R58	21° 2	18°51	23°59	T 13
F 14	15 33 37	25°11'30	5♊50	0♉13	25° 2	12°48	22° 0	6°43	15° 8	25°50	10°33	20°58	20°59	18°58	24° 1	F 14
S 15	15 37 33	26°10'14	20°22	0°43	26°15	12°30	21°59	6°40	15°10	25°53	10°33	20°58	20°56	19° 4	24° 3	S 15
S 16	15 41 30	27° 8'57	4♋32	1°17	27°28	12°12	21°59	6°38	15°13	25°55	10°32	20°57	20°53	19°11	24° 6	S 16
M17	15 45 27	28° 7'37	18°16	1°56	28°41	11°54	21°D59	6°36	15°16	25°57	10°32	20°56	20°50	19°18	24° 8	M17
T 18	15 49 23	29° 6'16	1♌35	2°38	29°53	11°34	21°59	6°34	15°19	25°59	10°32	20°55	20°47	19°24	24°11	T 18
W19	15 53 20	0♊ 4'52	14°30	3°23	1♉ 6	11°15	21°59	6°32	15°21	26° 2	10°32	20°55	20°43	19°31	24°13	W19
T 20	15 57 16	1° 3'26	27° 2	4°12	2°19	10°55	22° 0	6°30	15°24	26° 4	10°32	20°D54	20°40	19°38	24°16	T 20
F 21	16 1 13	2° 1'58	9♍17	5° 5	3°32	10°34	22° 0	6°29	15°27	26° 6	10°D32	20°54	20°37	19°44	24°19	F 21
S 22	16 5 9	3° 0'28	21°19	6° 0	4°45	10°13	22° 1	6°27	15°29	26° 8	10°32	20°55	20°34	19°51	24°22	S 22
S 23	16 9 6	3°58'56	3♎12	6°59	5°58	9°52	22° 2	6°26	15°32	26°11	10°32	20°56	20°31	19°58	24°25	S 23
M24	16 13 2	4°57'21	15° 1	8° 0	7°11	9°30	22° 3	6°24	15°34	26°13	10°32	20°57	20°28	20° 4	24°28	M24
T 25	16 16 59	5°55'45	26°50	9° 4	8°24	9° 9	22° 5	6°23	15°37	26°15	10°32	20°59	20°24	20°11	24°31	T 25
W26	16 20 56	6°54'07	8♏42	10°11	9°37	8°47	22° 6	6°22	15°39	26°17	10°32	21° 0	20°21	20°18	24°35	W26
T 27	16 24 52	7°52'28	20°42	11°21	10°49	8°25	22° 8	6°21	15°42	26°20	10°33	21°R 0	20°18	20°24	24°38	T 27
F 28	16 28 49	8°50'46	2♐50	12°33	12° 2	8° 2	22°10	6°20	15°44	26°22	10°33	21° 0	20°15	20°31	24°42	F 28
S 29	16 32 45	9°49'03	15°10	13°47	13°15	7°40	22°12	6°19	15°46	26°24	10°33	20°58	20°12	20°38	24°45	S 29
S 30	16 36 42	10°47'18	27°42	15° 4	14°28	7°18	22°15	6°18	15°49	26°26	10°33	20°56	20° 8	20°44	24°49	S 30
M31	16 40 38	11♊45'31	10♌27	16♉23	15♉41	6♐55	22♍17	6♎17	15♈51	26♉29	10♍33	20♏53	20♏ 5	20♎51	24♌53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n25	19s46	1n23	12n37	0n55	2n21	1s25	21s56	0n31	4n 8	1n14	0s43	2n21	5n 0	0s43	17n25	1s33	15n24	8n31	17s49	18s 1	9s30	7n 0	6s52
S 2	15 43	20 17	2 27	12 9	0 39	2 47	1 26	21 57	0 30	4 9	1 14	0 42	2 21	5 1	0 43	17 25	1 33	15 24	8 31	17 50	18 0	9 31	7 1	6 51
M 3	16 1	19 49	3 24	11 43	0 22	3 14	1 28	21 58	0 28	4 10	1 14	0 41	2 21	5 2	0 43	17 26	1 33	15 24	8 31	17 50	17 59	9 33	7 1	6 51
T 4	16 18	18 22	4 12	11 19	0 6	3 41	1 29	21 58	0 26	4 11	1 14	0 40	2 21	5 3	0 43	17 27	1 33	15 24	8 31	17 50	17 59	9 35	7 1	6 50
W 5	16 35	15 56	4 49	10 57	0s10	4 7	1 31	21 59	0 24	4 12	1 14	0 39	2 21	5 4	0 43	17 27	1 33	15 24	8 30	17 50	17 58	9 37	7 2	6 49
T 6	16 51	12 39	5 12	10 37	0 26	4 34	1 32	22 0	0 22	4 13	1 14	0 37	2 21	5 6	0 43	17 28	1 33	15 24	8 30	17 50	17 57	9 39	7 2	6 48
F 7	17 8	8 37	5 18	10 20	0 41	5 0	1 33	22 1	0 20	4 13	1 13	0 36	2 21	5 7	0 43	17 28	1 33	15 24	8 30	17 50	17 56	9 41	7 3	6 47
S 8	17 24	4 2	5 5	10 5	0 55	5 27	1 35	22 1	0 17	4 14	1 13	0 35	2 20	5 8	0 43	17 29	1 33	15 24	8 30	17 50	17 55	9 43	7 3	6 46
S 9	17 39	0n54	4 34	9 53	1 9	5 53	1 36	22 2	0 15	4 14	1 13	0 34	2 20	5 9	0 43	17 29	1 33	15 24	8 30	17 50	17 55	9 44	7 3	6 46
M10	17 55	5 53	3 44	9 43	1 22	6 19	1 37	22 2	0 13	4 15	1 13	0 33	2 20	5 10	0 43	17 30	1 33	15 24	8 30	17 50	17 54	9 46	7 3	6 45
T 11	18 10	10 36	2 39	9 36	1 34	6 45	1 38	22 3	0 11	4 15	1 13	0 33	2 20	5 11	0 43	17 30	1 33	15 24	8 30	17 50	17 53	9 48	7 4	6 44
W12	18 25	14 43	1 22	9 31	1 46	7 11	1 38	22 3	0 8	4 15	1 13	0 32	2 20	5 12	0 43	17 31	1 33	15 24	8 29	17 50	17 52	9 50	7 4	6 43
T 13	18 39	17 51	0s 0	9 28	1 57	7 37	1 39	22 4	0 6	4 15	1 13	0 31	2 20	5 13	0 43	17 31	1 33	15 24	8 29	17 50	17 51	9 52	7 4	6 42
F 14	18 53	19 44	1 22	9 28	2 7	8 3	1 40	22 4	0 4	4 16	1 12	0 30	2 20	5 14	0 43	17 32	1 33	15 24	8 29	17 50	17 50	9 54	7 4	6 41
S 15	19 7	20 17	2 36	9 30	2 16	8 29	1 41	22 4	0 1	4 16	1 12	0 29	2 19	5 15	0 43	17 32	1 33	15 24	8 29	17 50	17 50	9 55	7 4	6 41
S 16	19 21	19 30	3 39	9 34	2 24	8 54	1 41	22 4	0s 1	4 15	1 12	0 29	2 19	5 17	0 43	17 33	1 33	15 24	8 29	17 50	17 49	9 57	7 4	6 40
M17	19 34	17 34	4 27	9 39	2 32	9 19	1 42	22 4	0 3	4 15	1 12	0 28	2 19	5 18	0 43	17 33	1 33	15 23	8 29	17 50	17 48	9 59	7 4	6 39
T 18	19 46	14 45	5 0	9 47	2 39	9 44	1 42	22 4	0 6	4 15	1 12	0 27	2 19	5 19	0 43	17 34	1 33	15 23	8 28	17 49	17 47	10 1	7 4	6 38
W19	19 59	11 18	5 15	9 57	2 45	10 9	1 42	22 4	0 8	4 15	1 12	0 27	2 19	5 20	0 43	17 34	1 33	15 23	8 28	17 49	17 46	10 3	7 4	6 37
T 20	20 11	7 26	5 16	10 8	2 50	10 34	1 42	22 3	0 11	4 15	1 11	0 26	2 19	5 21	0 43	17 35	1 33	15 23	8 28	17 49	17 45	10 4	7 4	6 37
F 21	20 23	3 21	5 1	10 21	2 55	10 58	1 43	22 3	0 13	4 14	1 11	0 26	2 18	5 22	0 43	17 35	1 33	15 23	8 28	17 49	17 45	10 6	7 4	6 36
S 22	20 34	0s47	4 34	10 35	2 59	11 22	1 43	22 3	0 16	4 14	1 11	0 25	2 18	5 23	0 43	17 36	1 33	15 23	8 28	17 49	17 44	10 8	7 3	6 35
S 23	20 45	4 52	3 55	10 51	3 2	11 46	1 43	22 2	0 19	4 13	1 11	0 25	2 18	5 23	0 43	17 37	1 33	15 23	8 28	17 50	17 43	10 10	7 3	6 34
M24	20 56	8 44	3 6	11 8	3 5	12 10	1 43	22 1	0 21	4 12	1 11	0 24	2 18	5 24	0 43	17 37	1 33	15 22	8 27	17 50	17 42	10 12	7 3	6 33
T 25	21 6	12 16	2 10	11 26	3 6	12 33	1 42	22 1	0 24	4 12	1 11	0 24	2 18	5 25	0 43	17 38	1 33	15 22	8 27	17 50	17 41	10 13	7 3	6 33
W26	21 16	15 20	1 8	11 46	3 8	12 56	1 42	22 0	0 26	4 11	1 10	0 24	2 18	5 26	0 43	17 38	1 33	15 22	8 27	17 50	17 40	10 15	7 2	6 32
T 27	21 25	17 47	0 2	12 6	3 8	13 19	1 42	21 59	0 29	4 10	1 10	0 23	2 17	5 27	0 43	17 39	1 33	15 22	8 27	17 51	17 40	10 17	7 2	6 31
F 28	21 34	19 28	1n 5	12 28	3 8	13 42	1 41	21 58	0 32	4 9	1 10	0 23	2 17	5 28	0 44	17 39	1 33	15 22	8 27	17 50	17 39	10 19	7 2	6 30
S 29	21 43	20 15	2 10	12 51	3 8	14 4	1 41	21 57	0 34	4 8	1 10	0 23	2 17	5 29	0 44	17 40	1 33	15 21	8 27	17 50	17 38	10 21	7 1	6 29
S 30	21 52	20 3	3 9	13 14	3 6	14 26	1 40	21 56	0 37	4 7	1 10	0 23	2 17	5 30	0 44	17 40	1 33	15 21	8 26	17 50	17 37	10 22	7 1	6 29
M31	21n59	18s50	4n 0	13n38	3s 5	14n47	1s40	21s55	0s39	4n 6	1n10	0s23	2n17	5n31	0s44	17n41	1s33	15n21	8n26	17s49	17s36	10s24	7n 0	6s28

Julian Day Number = 3068195.5, Delta T = 02h35m06s
Ecliptic obliquity = 23°13'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'39, Lahiri = 47°31'39

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

JUNE 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 44 35	12♊43'43	23♉25	17♉44	16♉54	6°R33	22♍20	6°R17	15♈53	26♉31	10♍34	20°R50	20♏ 2	20♎58	24♌57	T 1
W 2	16 48 31	13°41'54	6♒38	19° 8	18° 7	6♐11	22°23	6♎16	15°55	26°33	10°34	20♏47	19°59	21° 4	25° 0	W 2
T 3	16 52 28	14°40'03	20° 5	20°34	19°20	5°49	22°26	6°16	15°58	26°35	10°34	20°44	19°56	21°11	25° 4	T 3
F 4	16 56 25	15°38'10	3♓46	22° 2	20°33	5°27	22°29	6°16	16° 0	26°37	10°35	20°43	19°53	21°18	25° 9	F 4
S 5	17 0 21	16°36'16	17°40	23°32	21°46	5° 5	22°32	6°15	16° 2	26°39	10°35	20°D42	19°49	21°24	25°13	S 5
S 6	17 4 18	17°34'22	1♈48	25° 4	22°59	4°44	22°36	6°D15	16° 4	26°42	10°36	20°43	19°46	21°31	25°17	S 6
M 7	17 8 14	18°32'25	16° 7	26°38	24°12	4°22	22°39	6°15	16° 6	26°44	10°36	20°44	19°43	21°38	25°21	M 7
T 8	17 12 11	19°30'28	0♉35	28°14	25°25	4° 2	22°43	6°16	16° 8	26°46	10°37	20°45	19°40	21°44	25°26	T 8
W 9	17 16 7	20°28'29	15° 9	29°53	26°38	3°41	22°47	6°16	16°10	26°48	10°37	20°R46	19°37	21°51	25°30	W 9
T 10	17 20 4	21°26'29	29°44	1♊33	27°51	3°21	22°51	6°16	16°12	26°50	10°38	20°46	19°34	21°58	25°35	T 10
F 11	17 24 0	22°24'28	14♊13	3°16	29° 4	3° 2	22°56	6°17	16°14	26°52	10°38	20°44	19°30	22° 4	25°40	F 11
S 12	17 27 57	23°22'26	28°32	5° 0	0♊17	2°43	23° 0	6°17	16°15	26°54	10°39	20°41	19°27	22°11	25°45	S 12
S 13	17 31 54	24°20'22	12♋34	6°47	1°30	2°25	23° 5	6°18	16°17	26°56	10°39	20°37	19°24	22°18	25°49	S 13
M14	17 35 50	25°18'16	26°16	8°36	2°44	2° 7	23° 9	6°19	16°19	26°58	10°40	20°31	19°21	22°24	25°54	M14
T 15	17 39 47	26°16'09	9♌36	10°27	3°57	1°50	23°14	6°20	16°21	27° 0	10°41	20°26	19°18	22°31	25°59	T 15
W16	17 43 43	27°14'01	22°32	12°20	5°10	1°33	23°20	6°21	16°22	27° 2	10°41	20°21	19°14	22°38	26° 4	W16
T 17	17 47 40	28°11'50	5♍ 7	14°15	6°23	1°17	23°25	6°22	16°24	27° 4	10°42	20°17	19°11	22°44	26°10	T 17
F 18	17 51 36	29° 9'38	17°24	16°12	7°36	1° 2	23°30	6°23	16°25	27° 6	10°43	20°14	19° 8	22°51	26°15	F 18
S 19	17 55 33	0♋ 7'25	29°27	18°11	8°49	0°47	23°36	6°24	16°27	27° 8	10°44	20°D14	19° 5	22°57	26°20	S 19
S 20	17 59 29	1° 5'10	11♎20	20°12	10° 2	0°34	23°42	6°26	16°28	27°10	10°44	20°14	19° 2	23° 4	26°25	S 20
M21	18 3 26	2° 2'54	23°10	22°15	11°15	0°21	23°47	6°27	16°30	27°12	10°45	20°16	18°59	23°11	26°31	M21
T 22	18 7 23	3° 0'36	5♏ 0	24°19	12°28	0° 8	23°53	6°29	16°31	27°14	10°46	20°17	18°55	23°17	26°36	T 22
W23	18 11 19	3°58'16	16°55	26°26	13°41	29♏57	24° 0	6°31	16°32	27°16	10°47	20°R18	18°52	23°24	26°42	W23
T 24	18 15 16	4°55'56	29° 1	28°33	14°54	29°46	24° 6	6°32	16°34	27°18	10°48	20°18	18°49	23°31	26°48	T 24
F 25	18 19 12	5°53'34	11♐19	0♋42	16° 8	29°36	24°12	6°34	16°35	27°20	10°49	20°15	18°46	23°37	26°53	F 25
S 26	18 23 9	6°51'11	23°53	2°53	17°21	29°27	24°19	6°36	16°36	27°22	10°50	20°11	18°43	23°44	26°59	S 26
S 27	18 27 5	7°48'47	6♑43	5° 4	18°34	29°19	24°26	6°39	16°37	27°24	10°51	20° 5	18°40	23°51	27° 5	S 27
M28	18 31 2	8°46'22	19°50	7°15	19°47	29°11	24°32	6°41	16°38	27°25	10°52	19°58	18°36	23°57	27°11	M28
T 29	18 34 59	9°43'56	3♒13	9°28	21° 0	29° 5	24°39	6°43	16°39	27°27	10°53	19°49	18°33	24° 4	27°17	T 29
W30	18 38 55	10♋41'28	16♒49	11♋40	22♊13	28♏59	24♍47	6♎46	16♈40	27♉29	10♍54	19♏41	18♏30	24♎11	27♌23	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 7	16s37	4n40	14n 3	3s 2	15n 9	1s39	21s54	0s42	4n 5	1n 9	0s23	2n16	5n31	0s44	17n41	1s33	15n21	8n26	17s48	17s35	10s26	7n 0	6s27
W 2	22 14	13 31	5 5	14 28	2 59	15 30	1 38	21 52	0 44	4 4	1 9	0 23	2 16	5 32	0 44	17 42	1 33	15 20	8 26	17 47	17 34	10 28	6 59	6 26
T 3	22 21	9 40	5 15	14 54	2 55	15 50	1 38	21 51	0 47	4 2	1 9	0 23	2 16	5 33	0 44	17 42	1 33	15 20	8 26	17 46	17 34	10 29	6 58	6 26
F 4	22 27	5 16	5 7	15 21	2 51	16 10	1 37	21 50	0 50	4 1	1 9	0 23	2 16	5 34	0 44	17 42	1 33	15 20	8 26	17 46	17 33	10 31	6 58	6 25
S 5	22 33	0 31	4 41	15 47	2 47	16 30	1 36	21 48	0 52	3 59	1 9	0 23	2 16	5 35	0 44	17 43	1 33	15 19	8 25	17 46	17 32	10 33	6 57	6 24
S 6	22 39	4n21	3 57	16 14	2 42	16 49	1 35	21 47	0 55	3 58	1 9	0 23	2 16	5 35	0 44	17 43	1 33	15 19	8 25	17 46	17 31	10 35	6 56	6 23
M 7	22 44	9 2	2 59	16 42	2 36	17 8	1 34	21 45	0 57	3 56	1 8	0 23	2 15	5 36	0 44	17 44	1 33	15 19	8 25	17 46	17 30	10 37	6 56	6 23
T 8	22 49	13 16	1 49	17 9	2 30	17 27	1 33	21 44	0 59	3 55	1 8	0 24	2 15	5 37	0 44	17 44	1 33	15 18	8 25	17 47	17 29	10 38	6 55	6 22
W 9	22 53	16 43	0 31	17 36	2 23	17 45	1 31	21 43	1 2	3 53	1 8	0 24	2 15	5 38	0 44	17 45	1 33	15 18	8 25	17 47	17 29	10 40	6 54	6 21
T 10	22 57	19 7	0s49	18 4	2 16	18 2	1 30	21 41	1 4	3 51	1 8	0 24	2 15	5 38	0 44	17 45	1 33	15 18	8 25	17 47	17 28	10 42	6 53	6 21
F 11	23 0	20 14	2 5	18 31	2 8	18 19	1 29	21 40	1 7	3 49	1 8	0 25	2 15	5 39	0 44	17 46	1 33	15 17	8 24	17 47	17 27	10 44	6 52	6 20
S 12	23 3	20 1	3 12	18 58	2 0	18 36	1 27	21 38	1 9	3 47	1 8	0 25	2 14	5 40	0 44	17 46	1 34	15 17	8 24	17 46	17 26	10 45	6 52	6 19
S 13	23 6	18 33	4 6	19 24	1 52	18 52	1 26	21 37	1 11	3 45	1 7	0 25	2 14	5 40	0 44	17 47	1 34	15 17	8 24	17 44	17 25	10 47	6 51	6 19
M14	23 8	16 3	4 44	19 50	1 43	19 8	1 25	21 36	1 13	3 43	1 7	0 26	2 14	5 41	0 44	17 47	1 34	15 16	8 24	17 43	17 24	10 49	6 50	6 18
T 15	23 10	12 46	5 6	20 16	1 34	19 23	1 23	21 34	1 16	3 41	1 7	0 26	2 14	5 41	0 44	17 47	1 34	15 16	8 24	17 42	17 23	10 51	6 49	6 17
W16	23 11	8 58	5 11	20 40	1 24	19 38	1 21	21 33	1 18	3 39	1 7	0 27	2 14	5 42	0 44	17 48	1 34	15 15	8 24	17 40	17 23	10 52	6 48	6 17
T 17	23 12	4 52	5 1	21 4	1 15	19 52	1 20	21 32	1 20	3 37	1 7	0 28	2 13	5 43	0 44	17 48	1 34	15 15	8 24	17 39	17 22	10 54	6 47	6 16
F 18	23 13	0 40	4 37	21 26	1 5	20 6	1 18	21 31	1 22	3 35	1 7	0 28	2 13	5 43	0 44	17 49	1 34	15 15	8 23	17 39	17 21	10 56	6 45	6 15
S 19	23 13	3s29	4 2	21 48	0 54	20 19	1 16	21 30	1 24	3 32	1 7	0 29	2 13	5 44	0 44	17 49	1 34	15 14	8 23	17 38	17 20	10 57	6 44	6 15
S 20	23 13	7 27	3 16	22 8	0 44	20 31	1 15	21 29	1 26	3 30	1 6	0 30	2 13	5 44	0 44	17 50	1 34	15 14	8 23	17 39	17 19	10 59	6 43	6 14
M21	23 12	11 7	2 22	22 27	0 33	20 43	1 13	21 28	1 28	3 28	1 6	0 30	2 13	5 45	0 44	17 50	1 34	15 13	8 23	17 39	17 18	11 1	6 42	6 13
T 22	23 11	14 22	1 22	22 44	0 22	20 55	1 11	21 27	1 30	3 25	1 6	0 31	2 12	5 45	0 44	17 50	1 34	15 13	8 23	17 39	17 17	11 3	6 41	6 13
W23	23 10	17 2	0 18	22 59	0 12	21 6	1 9	21 27	1 31	3 22	1 6	0 32	2 12	5 46	0 44	17 51	1 34	15 12	8 23	17 40	17 17	11 4	6 39	6 12
T 24	23 8	18 59	0n47	23 12	0 1	21 16	1 7	21 26	1 33	3 20	1 6	0 33	2 12	5 46	0 44	17 51	1 34	15 12	8 23	17 39	17 16	11 6	6 38	6 11
F 25	23 5	20 6	1 51	23 23	0n10	21 26	1 5	21 26	1 35	3 17	1 6	0 34	2 12	5 47	0 44	17 52	1 34	15 11	8 22	17 39	17 15	11 8	6 37	6 11
S 26	23 3	20 14	2 51	23 31	0 20	21 35	1 3	21 25	1 37	3 15	1 5	0 35	2 12	5 47	0 44	17 52	1 34	15 11	8 22	17 38	17 14	11 9	6 36	6 10
S 27	23 0	19 19	3 44	23 38	0 30	21 43	1 1	21 25	1 38	3 12	1 5	0 36	2 11	5 47	0 44	17 52	1 34	15 10	8 22	17 36	17 13	11 11	6 34	6 10
M28	22 56	17 23	4 26	23 41	0 40	21 51	0 59	21 25	1 40	3 9	1 5	0 37	2 11	5 48	0 44	17 53	1 34	15 10	8 22	17 34	17 12	11 13	6 33	6 9
T 29	22 52	14 29	4 54	23 43	0 50	21 59	0 56	21 25	1 41	3 6	1 5	0 38	2 11	5 48	0 44	17 53	1 34	15 9	8 22	17 32	17 11	11 15	6 31	6 8
W30	22n48	10s46	5n 6	23n41	0n59	22n 5	0s54	21s25	1s43	3n 3	1n 5	0s39	2n11	5n49	0s44	17n53	1s34	15n 9	8n22	17s30	17s10	11s16	6n30	6s 8

Julian Day Number = 3068226.5, Delta T = 02h35m07s
Ecliptic obliquity = 23°13'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'43, Lahiri = 47°31'43

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

JULY 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 42 52	11♋39'00	0♓36	13♋52	23♊27	28°R54	24♍54	6♎48	16♈41	27♉31	10♍55	19°R34	18♏27	24♎17	27♌29	T 1
F 2	18 46 48	12°36'32	14°32	16° 4	24°40	28♏49	25° 1	6°51	16°42	27°33	10°56	19♏29	18°24	24°24	27°35	F 2
S 3	18 50 45	13°34'02	28°34	18°15	25°53	28°46	25° 9	6°53	16°43	27°34	10°57	19°26	18°20	24°31	27°41	S 3
S 4	18 54 41	14°31'32	12♈40	20°26	27° 6	28°43	25°16	6°56	16°44	27°36	10°58	19°D25	18°17	24°37	27°47	S 4
M 5	18 58 38	15°29'02	26°49	22°35	28°19	28°41	25°24	6°59	16°45	27°38	10°59	19°26	18°14	24°44	27°54	M 5
T 6	19 2 34	16°26'31	11♉ 0	24°43	29°33	28°40	25°32	7° 2	16°45	27°39	11° 0	19°26	18°11	24°51	28° 0	T 6
W 7	19 6 31	17°23'59	25°11	26°49	0♋46	28°D40	25°40	7° 5	16°46	27°41	11° 2	19°R26	18° 8	24°57	28° 6	W 7
T 8	19 10 28	18°21'27	9♊21	28°53	1°59	28°41	25°48	7° 8	16°47	27°43	11° 3	19°25	18° 5	25° 4	28°13	T 8
F 9	19 14 24	19°18'55	23°25	0♌56	3°12	28°42	25°56	7°12	16°47	27°44	11° 4	19°21	18° 1	25°11	28°19	F 9
S 10	19 18 21	20°16'22	7♋20	2°56	4°26	28°44	26° 5	7°15	16°48	27°46	11° 5	19°14	17°58	25°17	28°26	S 10
S 11	19 22 17	21°13'48	21° 4	4°55	5°39	28°47	26°13	7°18	16°48	27°47	11° 7	19° 6	17°55	25°24	28°32	S 11
M12	19 26 14	22°11'13	4♌32	6°51	6°52	28°51	26°22	7°22	16°49	27°49	11° 8	18°55	17°52	25°31	28°39	M12
T 13	19 30 10	23° 8'38	17°42	8°45	8° 6	28°55	26°30	7°25	16°49	27°50	11° 9	18°45	17°49	25°37	28°46	T 13
W14	19 34 7	24° 6'02	0♍33	10°37	9°19	29° 0	26°39	7°29	16°49	27°52	11°11	18°35	17°46	25°44	28°53	W14
T 15	19 38 3	25° 3'26	13° 5	12°27	10°32	29° 6	26°48	7°33	16°49	27°53	11°12	18°26	17°42	25°51	28°59	T 15
F 16	19 42 0	26° 0'48	25°20	14°14	11°46	29°13	26°57	7°37	16°50	27°54	11°13	18°20	17°39	25°57	29° 6	F 16
S 17	19 45 57	26°58'10	7♎22	15°59	12°59	29°20	27° 6	7°41	16°50	27°56	11°15	18°16	17°36	26° 4	29°13	S 17
S 18	19 49 53	27°55'31	19°15	17°42	14°12	29°28	27°15	7°45	16°50	27°57	11°16	18°14	17°33	26°11	29°20	S 18
M19	19 53 50	28°52'51	1♏ 5	19°22	15°26	29°37	27°24	7°49	16°50	27°58	11°17	18°D13	17°30	26°17	29°27	M19
T 20	19 57 46	29°50'11	12°55	21° 0	16°39	29°47	27°34	7°53	16°R50	28° 0	11°19	18°R14	17°26	26°24	29°34	T 20
W21	20 1 43	0♌47'30	24°52	22°36	17°52	29°57	27°43	7°58	16°50	28° 1	11°20	18°14	17°23	26°30	29°41	W21
T 22	20 5 39	1°44'49	7♐ 1	24° 9	19° 6	0♐ 8	27°53	8° 2	16°50	28° 2	11°22	18°12	17°20	26°37	29°48	T 22
F 23	20 9 36	2°42'07	19°26	25°40	20°19	0°19	28° 3	8° 6	16°50	28° 3	11°23	18° 9	17°17	26°44	29°55	F 23
S 24	20 13 32	3°39'24	2♑11	27° 8	21°33	0°32	28°12	8°11	16°50	28° 5	11°25	18° 3	17°14	26°50	0♍ 2	S 24
S 25	20 17 29	4°36'41	15°17	28°34	22°46	0°44	28°22	8°15	16°50	28° 6	11°26	17°54	17°11	26°57	0°10	S 25
M26	20 21 26	5°33'58	28°44	29°57	24° 0	0°58	28°32	8°20	16°49	28° 7	11°28	17°43	17° 7	27° 4	0°17	M26
T 27	20 25 22	6°31'14	12♒30	1♍18	25°13	1°12	28°42	8°25	16°49	28° 8	11°30	17°32	17° 4	27°10	0°24	T 27
W28	20 29 19	7°28'30	26°32	2°37	26°27	1°26	28°52	8°30	16°49	28° 9	11°31	17°21	17° 1	27°17	0°31	W28
T 29	20 33 15	8°25'47	10♓45	3°53	27°40	1°41	29° 3	8°35	16°48	28°10	11°33	17°11	16°58	27°24	0°39	T 29
F 30	20 37 12	9°23'03	25° 3	5° 6	28°54	1°57	29°13	8°40	16°48	28°11	11°34	17° 3	16°55	27°30	0°46	F 30
S 31	20 41 8	10♌20'19	9♈23	6♍16	0♌ 7	2♐13	29♍23	8♎45	16♈47	28♉12	11♍36	16♏58	16♏51	27♎37	0♍53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n43	6s27	5n 1	23n37	1n 7	22n12	0s52	21s26	1s44	3n 0	1n 5	0s40	2n11	5n49	0s45	17n54	1s34	15n 8	8n22	17s28	17s10	11s18	6n28	6s 7
F 2	22 38	1 45	4 38	23 30	1 15	22 17	0 50	21 26	1 46	2 57	1 5	0 42	2 10	5 49	0 45	17 54	1 34	15 8	8 21	17 27	17 9	11 20	6 27	6 7
S 3	22 32	3n 5	3 59	23 21	1 22	22 22	0 48	21 27	1 47	2 54	1 5	0 43	2 10	5 49	0 45	17 54	1 34	15 7	8 21	17 26	17 8	11 21	6 25	6 6
S 4	22 26	7 47	3 4	23 9	1 29	22 26	0 45	21 27	1 49	2 51	1 4	0 44	2 10	5 50	0 45	17 55	1 34	15 7	8 21	17 25	17 7	11 23	6 24	6 6
M 5	22 20	12 5	1 58	22 55	1 35	22 30	0 43	21 28	1 50	2 48	1 4	0 45	2 10	5 50	0 45	17 55	1 34	15 6	8 21	17 26	17 6	11 25	6 22	6 5
T 6	22 13	15 42	0 45	22 38	1 40	22 33	0 41	21 29	1 51	2 45	1 4	0 47	2 10	5 50	0 45	17 55	1 34	15 6	8 21	17 26	17 5	11 26	6 21	6 5
W 7	22 6	18 23	0s31	22 19	1 45	22 35	0 38	21 30	1 52	2 41	1 4	0 48	2 10	5 50	0 45	17 56	1 34	15 5	8 21	17 26	17 4	11 28	6 19	6 4
T 8	21 59	19 56	1 45	21 58	1 49	22 37	0 36	21 32	1 53	2 38	1 4	0 49	2 9	5 51	0 45	17 56	1 34	15 4	8 21	17 25	17 4	11 30	6 17	6 4
F 9	21 51	20 12	2 51	21 35	1 51	22 38	0 33	21 33	1 55	2 35	1 4	0 51	2 9	5 51	0 45	17 56	1 34	15 4	8 21	17 24	17 3	11 31	6 16	6 3
S 10	21 42	19 15	3 47	21 10	1 54	22 38	0 31	21 35	1 56	2 31	1 4	0 52	2 9	5 51	0 45	17 57	1 34	15 3	8 20	17 23	17 2	11 33	6 14	6 3
S 11	21 34	17 10	4 29	20 43	1 55	22 38	0 29	21 36	1 57	2 28	1 3	0 54	2 9	5 51	0 45	17 57	1 34	15 3	8 20	17 20	17 1	11 35	6 12	6 2
M12	21 25	14 11	4 54	20 15	1 56	22 37	0 26	21 38	1 58	2 24	1 3	0 55	2 9	5 51	0 45	17 57	1 35	15 2	8 20	17 17	17 0	11 36	6 10	6 2
T 13	21 15	10 34	5 3	19 46	1 55	22 35	0 24	21 40	1 59	2 21	1 3	0 57	2 8	5 51	0 45	17 58	1 35	15 2	8 20	17 15	16 59	11 38	6 8	6 1
W14	21 6	6 32	4 57	19 15	1 55	22 33	0 21	21 42	2 0	2 17	1 3	0 59	2 8	5 51	0 45	17 58	1 35	15 1	8 20	17 12	16 58	11 40	6 7	6 1
T 15	20 56	2 20	4 36	18 43	1 53	22 30	0 19	21 44	2 1	2 14	1 3	1 0	2 8	5 52	0 45	17 58	1 35	15 0	8 20	17 9	16 57	11 41	6 5	6 0
F 16	20 45	1s53	4 3	18 10	1 51	22 26	0 16	21 47	2 2	2 10	1 3	1 2	2 8	5 52	0 45	17 58	1 35	15 0	8 20	17 8	16 56	11 43	6 3	6 0
S 17	20 34	5 58	3 20	17 37	1 48	22 22	0 14	21 49	2 2	2 6	1 3	1 4	2 8	5 52	0 45	17 59	1 35	14 59	8 20	17 7	16 56	11 45	6 1	5 59
S 18	20 23	9 45	2 28	17 2	1 44	22 17	0 11	21 52	2 3	2 3	1 3	1 5	2 8	5 52	0 45	17 59	1 35	14 58	8 20	17 6	16 55	11 46	5 59	5 59
M19	20 12	13 9	1 30	16 27	1 40	22 12	0 9	21 54	2 4	1 59	1 3	1 7	2 7	5 52	0 45	17 59	1 35	14 58	8 20	17 6	16 54	11 48	5 57	5 58
T 20	20 0	16 1	0 28	15 52	1 35	22 5	0 6	21 57	2 5	1 55	1 2	1 9	2 7	5 52	0 45	17 59	1 35	14 57	8 20	17 6	16 53	11 49	5 55	5 58
W21	19 48	18 14	0n35	15 16	1 29	21 59	0 4	22 0	2 5	1 51	1 2	1 11	2 7	5 52	0 45	18 0	1 35	14 57	8 19	17 6	16 52	11 51	5 53	5 58
T 22	19 35	19 40	1 38	14 39	1 23	21 51	0 1	22 3	2 6	1 47	1 2	1 13	2 7	5 52	0 45	18 0	1 35	14 56	8 19	17 6	16 51	11 53	5 51	5 57
F 23	19 23	20 11	2 38	14 3	1 16	21 43	0n 1	22 6	2 7	1 43	1 2	1 14	2 7	5 51	0 45	18 0	1 35	14 55	8 19	17 5	16 50	11 54	5 49	5 57
S 24	19 10	19 41	3 31	13 26	1 9	21 34	0 4	22 9	2 7	1 39	1 2	1 16	2 7	5 51	0 45	18 0	1 35	14 55	8 19	17 3	16 49	11 56	5 47	5 56
S 25	18 56	18 9	4 14	12 49	1 1	21 25	0 6	22 12	2 8	1 35	1 2	1 18	2 6	5 51	0 45	18 1	1 35	14 54	8 19	17 1	16 49	11 58	5 45	5 56
M26	18 42	15 34	4 45	12 12	0 52	21 15	0 9	22 16	2 9	1 31	1 2	1 20	2 6	5 51	0 45	18 1	1 35	14 53	8 19	16 58	16 48	11 59	5 43	5 56
T 27	18 28	12 6	5 0	11 36	0 44	21 5	0 11	22 19	2 9	1 27	1 2	1 22	2 6	5 51	0 45	18 1	1 35	14 53	8 19	16 54	16 47	12 1	5 41	5 55
W28	18 14	7 53	4 57	10 59	0 34	20 53	0 13	22 23	2 10	1 23	1 2	1 24	2 6	5 51	0 45	18 1	1 35	14 52	8 19	16 51	16 46	12 2	5 38	5 55
T 29	17 59	3 12	4 36	10 23	0 24	20 42	0 16	22 26	2 10	1 19	1 2	1 26	2 6	5 51	0 45	18 1	1 35	14 51	8 19	16 49	16 45	12 4	5 36	5 55
F 30	17 45	1n42	3 58	9 47	0 14	20 29	0 18	22 30	2 11	1 15	1 1	1 28	2 6	5 50	0 46	18 1	1 35	14 51	8 19	16 46	16 44	12 6	5 34	5 54
S 31	17n29	6n31	3n 5	9n11	0n 3	20n16	0n20	22s34	2s11	1n11	1n 1	1s31	2n 6	5n50	0s46	18n 2	1s35	14n50	8n19	16s45	16s43	12s 7	5n32	5s54

Julian Day Number = 3068256.5, Delta T = 02h35m07s
Ecliptic obliquity = 23°13'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'47, Lahiri = 47°31'47

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

AUGUST 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 45 5	11♌17'36	23♈39	7♍24	1♌21	2♐30	29♍34	8♎50	16°R47	28♉13	11♍37	16°R56	16♏48	27♎44	1♍ 1	S 1
M 2	20 49 1	12°14'52	7♉50	8°29	2°34	2°48	29°44	8°55	16♈46	28°14	11°39	16♏55	16°45	27°50	1° 8	M 2
T 3	20 52 58	13°12'10	21°54	9°31	3°48	3° 6	29°55	9° 0	16°45	28°15	11°41	16°55	16°42	27°57	1°16	T 3
W 4	20 56 55	14° 9'27	5♊51	10°30	5° 2	3°24	0♎ 6	9° 6	16°45	28°16	11°42	16°54	16°39	28° 4	1°23	W 4
T 5	21 0 51	15° 6'45	19°40	11°26	6°15	3°43	0°16	9°11	16°44	28°17	11°44	16°52	16°36	28°10	1°31	T 5
F 6	21 4 48	16° 4'04	3♋21	12°18	7°29	4° 2	0°27	9°16	16°43	28°17	11°46	16°47	16°32	28°17	1°38	F 6
S 7	21 8 44	17° 1'22	16°52	13° 8	8°42	4°22	0°38	9°22	16°42	28°18	11°48	16°39	16°29	28°24	1°46	S 7
S 8	21 12 41	17°58'41	0♌12	13°53	9°56	4°43	0°49	9°28	16°42	28°19	11°49	16°28	16°26	28°30	1°53	S 8
M 9	21 16 37	18°56'00	13°19	14°36	11°10	5° 4	1° 0	9°33	16°41	28°20	11°51	16°16	16°23	28°37	2° 1	M 9
T 10	21 20 34	19°53'20	26°13	15°14	12°24	5°25	1°11	9°39	16°40	28°20	11°53	16° 3	16°20	28°44	2° 8	T 10
W11	21 24 30	20°50'39	8♍51	15°49	13°37	5°47	1°23	9°45	16°39	28°21	11°54	15°51	16°17	28°50	2°16	W11
T 12	21 28 27	21°47'59	21°14	16°19	14°51	6° 9	1°34	9°51	16°38	28°21	11°56	15°40	16°13	28°57	2°24	T 12
F 13	21 32 24	22°45'19	3♎24	16°45	16° 5	6°32	1°45	9°56	16°37	28°22	11°58	15°32	16°10	29° 4	2°31	F 13
S 14	21 36 20	23°42'39	15°23	17° 7	17°19	6°55	1°57	10° 2	16°35	28°23	12° 0	15°26	16° 7	29°10	2°39	S 14
S 15	21 40 17	24°39'59	27°14	17°25	18°32	7°19	2° 8	10° 8	16°34	28°23	12° 1	15°23	16° 4	29°17	2°47	S 15
M16	21 44 13	25°37'20	9♏ 1	17°37	19°46	7°43	2°20	10°14	16°33	28°24	12° 3	15°22	16° 1	29°23	2°54	M16
T 17	21 48 10	26°34'41	20°51	17°45	21° 0	8° 7	2°31	10°21	16°32	28°24	12° 5	15°22	15°57	29°30	3° 2	T 17
W18	21 52 6	27°32'02	2♐47	17°R48	22°14	8°32	2°43	10°27	16°31	28°24	12° 7	15°22	15°54	29°37	3°10	W18
T 19	21 56 3	28°29'23	14°57	17°46	23°28	8°58	2°55	10°33	16°29	28°25	12° 9	15°21	15°51	29°43	3°17	T 19
F 20	21 59 59	29°26'44	27°24	17°40	24°41	9°23	3° 6	10°39	16°28	28°25	12°10	15°18	15°48	29°50	3°25	F 20
S 21	22 3 56	0♍24'06	10♑12	17°28	25°55	9°49	3°18	10°46	16°26	28°25	12°12	15°12	15°45	29°57	3°33	S 21
S 22	22 7 53	1°21'28	23°26	17°11	27° 9	10°16	3°30	10°52	16°25	28°26	12°14	15° 5	15°42	0♏ 3	3°41	S 22
M23	22 11 49	2°18'51	7♒ 6	16°49	28°23	10°42	3°42	10°58	16°24	28°26	12°16	14°55	15°38	0°10	3°48	M23
T 24	22 15 46	3°16'14	21° 9	16°22	29°37	11°10	3°54	11° 5	16°22	28°26	12°18	14°45	15°35	0°17	3°56	T 24
W25	22 19 42	4°13'37	5♓33	15°52	0♍51	11°37	4° 6	11°11	16°20	28°26	12°20	14°34	15°32	0°23	4° 4	W25
T 26	22 23 39	5°11'02	20°10	15°17	2° 5	12° 5	4°18	11°18	16°19	28°27	12°21	14°25	15°29	0°30	4°12	T 26
F 27	22 27 35	6° 8'27	4♈53	14°38	3°19	12°33	4°30	11°25	16°17	28°27	12°23	14°18	15°26	0°37	4°19	F 27
S 28	22 31 32	7° 5'53	19°35	13°57	4°33	13° 1	4°42	11°31	16°16	28°27	12°25	14°13	15°23	0°43	4°27	S 28
S 29	22 35 28	8° 3'20	4♉10	13°13	5°47	13°30	4°54	11°38	16°14	28°27	12°27	14°11	15°19	0°50	4°35	S 29
M30	22 39 25	9° 0'48	18°33	12°27	7° 1	13°59	5° 7	11°45	16°12	28°R27	12°29	14°D11	15°16	0°57	4°43	M30
T 31	22 43 22	9♍58'17	2♊42	11♍40	8♍15	14♐29	5♎19	11♎51	16♈10	28♉27	12♍31	14♏11	15♏13	1♏ 3	4♍50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
S 1	17n14	10n57	2n 0	8n36	0s 8	20n 3	0n23	22s37	2s12	1n 7	1n 1	1s33	2n 5	5n50	0s46	18n 2	1s35	14n49	8n19	16s44	16s42	12s 9	5n30	5s54
M 2	16 58	14 45	0 48	8 1	0 19	19 49	0 25	22 41	2 12	1 2	1 1	1 35	2 5	5 50	0 46	18 2	1 36	14 49	8 19	16 44	16 41	12 10	5 27	5 53
T 3	16 42	17 39	0s26	7 27	0 31	19 34	0 27	22 45	2 13	0 58	1 1	1 37	2 5	5 49	0 46	18 2	1 36	14 48	8 19	16 44	16 40	12 12	5 25	5 53
W 4	16 26	19 28	1 38	6 54	0 43	19 19	0 30	22 49	2 13	0 54	1 1	1 39	2 5	5 49	0 46	18 2	1 36	14 47	8 19	16 44	16 40	12 14	5 23	5 53
T 5	16 9	20 6	2 44	6 21	0 55	19 3	0 32	22 53	2 13	0 50	1 1	1 41	2 5	5 49	0 46	18 2	1 36	14 47	8 19	16 43	16 39	12 15	5 20	5 52
F 6	15 53	19 32	3 39	5 50	1 8	18 47	0 34	22 57	2 14	0 45	1 1	1 44	2 5	5 49	0 46	18 2	1 36	14 46	8 19	16 42	16 38	12 17	5 18	5 52
S 7	15 35	17 51	4 21	5 19	1 21	18 30	0 36	23 1	2 14	0 41	1 1	1 46	2 5	5 48	0 46	18 3	1 36	14 45	8 19	16 40	16 37	12 18	5 16	5 52
S 8	15 18	15 13	4 49	4 50	1 34	18 13	0 38	23 5	2 14	0 36	1 1	1 48	2 5	5 48	0 46	18 3	1 36	14 45	8 18	16 37	16 36	12 20	5 13	5 51
M 9	15 1	11 52	5 0	4 21	1 48	17 55	0 41	23 9	2 15	0 32	1 1	1 51	2 4	5 47	0 46	18 3	1 36	14 44	8 18	16 33	16 35	12 21	5 11	5 51
T 10	14 43	8 1	4 56	3 54	2 1	17 37	0 43	23 13	2 15	0 27	1 1	1 53	2 4	5 47	0 46	18 3	1 36	14 43	8 18	16 29	16 34	12 23	5 9	5 51
W11	14 25	3 53	4 37	3 28	2 15	17 18	0 45	23 17	2 15	0 23	1 0	1 55	2 4	5 47	0 46	18 3	1 36	14 43	8 18	16 26	16 33	12 25	5 6	5 51
T 12	14 7	0s19	4 5	3 4	2 28	16 59	0 47	23 22	2 15	0 19	1 0	1 58	2 4	5 46	0 46	18 3	1 36	14 42	8 18	16 23	16 32	12 26	5 4	5 50
F 13	13 48	4 27	3 23	2 42	2 42	16 39	0 49	23 26	2 16	0 14	1 0	2 0	2 4	5 46	0 46	18 3	1 36	14 41	8 18	16 20	16 31	12 28	5 1	5 50
S 14	13 30	8 20	2 32	2 21	2 55	16 19	0 51	23 30	2 16	0 9	1 0	2 2	2 4	5 45	0 46	18 3	1 36	14 41	8 18	16 19	16 31	12 29	4 59	5 50
S 15	13 11	11 52	1 35	2 2	3 9	15 58	0 53	23 34	2 16	0 5	1 0	2 5	2 4	5 45	0 46	18 3	1 36	14 40	8 18	16 18	16 30	12 31	4 56	5 50
M16	12 52	14 54	0 34	1 45	3 22	15 37	0 54	23 38	2 16	0 0	1 0	2 7	2 4	5 44	0 46	18 3	1 36	14 39	8 18	16 18	16 29	12 32	4 54	5 50
T 17	12 33	17 20	0n29	1 30	3 35	15 15	0 56	23 42	2 16	0s 4	1 0	2 10	2 3	5 44	0 46	18 3	1 36	14 39	8 18	16 18	16 28	12 34	4 51	5 49
W18	12 13	19 2	1 31	1 17	3 47	14 53	0 58	23 46	2 16	0 9	1 0	2 12	2 3	5 43	0 46	18 3	1 36	14 38	8 18	16 18	16 27	12 35	4 49	5 49
T 19	11 54	19 53	2 30	1 7	3 59	14 31	1 0	23 50	2 17	0 14	1 0	2 15	2 3	5 43	0 46	18 3	1 36	14 37	8 18	16 17	16 26	12 37	4 46	5 49
F 20	11 34	19 48	3 24	0 59	4 10	14 8	1 1	23 54	2 17	0 18	1 0	2 17	2 3	5 42	0 46	18 3	1 37	14 37	8 18	16 16	16 25	12 38	4 44	5 49
S 21	11 14	18 42	4 8	0 54	4 21	13 45	1 3	23 58	2 17	0 23	1 0	2 20	2 3	5 42	0 46	18 3	1 37	14 36	8 18	16 15	16 24	12 40	4 41	5 49
S 22	10 54	16 35	4 41	0 51	4 31	13 22	1 5	24 2	2 17	0 28	1 0	2 22	2 3	5 41	0 46	18 3	1 37	14 35	8 19	16 13	16 23	12 42	4 39	5 48
M23	10 33	13 30	5 0	0 52	4 39	12 58	1 6	24 6	2 17	0 32	1 0	2 25	2 3	5 41	0 46	18 3	1 37	14 34	8 19	16 10	16 22	12 43	4 36	5 48
T 24	10 13	9 34	5 1	0 55	4 47	12 33	1 8	24 10	2 17	0 37	1 0	2 28	2 3	5 40	0 46	18 3	1 37	14 34	8 19	16 7	16 21	12 45	4 33	5 48
W25	9 52	5 0	4 43	1 1	4 53	12 9	1 9	24 14	2 17	0 42	1 0	2 30	2 3	5 39	0 46	18 3	1 37	14 33	8 19	16 4	16 21	12 46	4 31	5 48
T 26	9 32	0 5	4 6	1 10	4 58	11 44	1 10	24 18	2 17	0 47	1 0	2 33	2 3	5 39	0 46	18 3	1 37	14 32	8 19	16 1	16 20	12 48	4 28	5 48
F 27	9 11	4n53	3 13	1 21	5 1	11 19	1 12	24 22	2 17	0 52	1 0	2 35	2 3	5 38	0 46	18 3	1 37	14 32	8 19	15 59	16 19	12 49	4 25	5 48
S 28	8 50	9 33	2 7	1 35	5 3	10 53	1 13	24 25	2 17	0 56	1 0	2 38	2 2	5 37	0 46	18 3	1 37	14 31	8 19	15 58	16 18	12 51	4 23	5 48
S 29	8 28	13 38	0 53	1 52	5 3	10 27	1 14	24 29	2 17	1 1	0 59	2 41	2 2	5 37	0 46	18 3	1 37	14 30	8 19	15 57	16 17	12 52	4 20	5 48
M30	8 7	16 49	0s23	2 11	5 1	10 1	1 15	24 32	2 17	1 6	0 59	2 43	2 2	5 36	0 46	18 3	1 37	14 30	8 19	15 57	16 16	12 54	4 18	5 47
T 31	7n46	18n55	1s37	2n32	4s57	9n35	1n16	24s36	2s17	1s11	0n59	2s46	2n 2	5n35	0s46	18n 3	1s37	14n29	8n19	15s57	16s15	12s55	4n15	5s47

Julian Day Number = 3068287.5, Delta T = 02h35m08s
Ecliptic obliquity = 23°13'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'51, Lahiri = 47°31'52

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

SEPTEMBER 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 47 18	10♍55'48	16♊35	10°R53	9♍29	14♐58	5♎31	11♎58	16°R 9	28°R27	12♍32	14°R11	15♏10	1♏10	4♍58	W 1
T 2	22 51 15	11°53'20	0♋14	10♍ 7	10°43	15°28	5°43	12° 5	16♈ 7	28♉27	12°34	14♏10	15° 7	1°16	5° 6	T 2
F 3	22 55 11	12°50'53	13°39	9°23	11°57	15°59	5°56	12°12	16° 5	28°27	12°36	14° 6	15° 3	1°23	5°14	F 3
S 4	22 59 8	13°48'27	26°51	8°41	13°11	16°29	6° 8	12°19	16° 3	28°26	12°38	14° 0	15° 0	1°30	5°21	S 4
S 5	23 3 4	14°46'03	9♌50	8° 2	14°25	17° 0	6°21	12°26	16° 1	28°26	12°40	13°52	14°57	1°36	5°29	S 5
M 6	23 7 1	15°43'39	22°37	7°28	15°39	17°31	6°33	12°33	15°59	28°26	12°42	13°42	14°54	1°43	5°37	M 6
T 7	23 10 57	16°41'17	5♍11	6°59	16°53	18° 3	6°46	12°40	15°57	28°26	12°44	13°32	14°51	1°50	5°45	T 7
W 8	23 14 54	17°38'55	17°34	6°35	18° 7	18°35	6°58	12°47	15°55	28°25	12°45	13°22	14°48	1°56	5°52	W 8
T 9	23 18 51	18°36'35	29°46	6°17	19°22	19° 7	7°11	12°54	15°53	28°25	12°47	13°13	14°44	2° 3	6° 0	T 9
F 10	23 22 47	19°34'16	11♎47	6° 6	20°36	19°39	7°24	13° 1	15°51	28°25	12°49	13° 6	14°41	2°10	6° 8	F 10
S 11	23 26 44	20°31'58	23°41	6°D 1	21°50	20°12	7°36	13° 8	15°49	28°24	12°51	13° 2	14°38	2°16	6°15	S 11
S 12	23 30 40	21°29'41	5♏29	6° 4	23° 4	20°44	7°49	13°16	15°47	28°24	12°53	13° 0	14°35	2°23	6°23	S 12
M13	23 34 37	22°27'25	17°15	6°14	24°18	21°17	8° 2	13°23	15°45	28°24	12°55	13°D 0	14°32	2°30	6°30	M13
T 14	23 38 33	23°25'10	29° 3	6°32	25°33	21°51	8°14	13°30	15°42	28°23	12°56	13° 1	14°28	2°36	6°38	T 14
W15	23 42 30	24°22'56	10♐59	6°57	26°47	22°24	8°27	13°37	15°40	28°23	12°58	13° 2	14°25	2°43	6°46	W15
T 16	23 46 26	25°20'43	23° 7	7°30	28° 1	22°58	8°40	13°45	15°38	28°22	13° 0	13°R 3	14°22	2°50	6°53	T 16
F 17	23 50 23	26°18'31	5♑32	8°10	29°15	23°32	8°53	13°52	15°36	28°22	13° 2	13° 2	14°19	2°56	7° 1	F 17
S 18	23 54 19	27°16'20	18°19	8°58	0♎29	24° 6	9° 5	13°59	15°34	28°21	13° 4	13° 0	14°16	3° 3	7° 8	S 18
S 19	23 58 16	28°14'11	1♒32	9°53	1°44	24°41	9°18	14° 7	15°31	28°20	13° 6	12°56	14°13	3° 9	7°16	S 19
M20	0 2 13	29°12'02	15°13	10°55	2°58	25°16	9°31	14°14	15°29	28°20	13° 7	12°51	14° 9	3°16	7°23	M20
T 21	0 6 9	0♎ 9'54	29°22	12° 3	4°12	25°51	9°44	14°21	15°27	28°19	13° 9	12°44	14° 6	3°23	7°31	T 21
W22	0 10 6	1° 7'48	13♓55	13°17	5°26	26°26	9°57	14°29	15°25	28°18	13°11	12°38	14° 3	3°29	7°38	W22
T 23	0 14 2	2° 5'43	28°46	14°37	6°41	27° 1	10°10	14°36	15°22	28°17	13°13	12°32	14° 0	3°36	7°46	T 23
F 24	0 17 59	3° 3'39	13♈48	16° 3	7°55	27°37	10°23	14°44	15°20	28°17	13°14	12°28	13°57	3°43	7°53	F 24
S 25	0 21 55	4° 1'37	28°52	17°34	9° 9	28°13	10°36	14°51	15°18	28°16	13°16	12°26	13°54	3°49	8° 0	S 25
S 26	0 25 52	4°59'37	13♉47	19° 9	10°24	28°49	10°49	14°59	15°15	28°15	13°18	12°D25	13°50	3°56	8° 8	S 26
M27	0 29 48	5°57'38	28°29	20°48	11°38	29°25	11° 1	15° 6	15°13	28°14	13°20	12°26	13°47	4° 3	8°15	M27
T 28	0 33 45	6°55'41	12♊51	22°31	12°52	0♑ 1	11°14	15°14	15°11	28°13	13°21	12°27	13°44	4° 9	8°22	T 28
W29	0 37 42	7°53'47	26°53	24°16	14° 7	0°38	11°27	15°21	15° 8	28°12	13°23	12°28	13°41	4°16	8°29	W29
T 30	0 41 38	8♎51'54	10♋33	26♍ 4	15♎21	1♑14	11♎40	15♎29	15♈ 6	28♉11	13♍25	12°R29	13♏38	4♏23	8♍36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n24	19n50	2s44	2n54	4s52	9n 8	1n17	24s39	2s17	1s16	0n59	2s49	2n 2	5n35	0s46	18n 3	1s37	14n29	8n19	15s57	16s14	12s57	4n12	5s47
T 2	7 2	19 33	3 40	3 18	4 44	8 41	1 18	24 42	2 17	1 21	0 59	2 51	2 2	5 34	0 46	18 3	1 37	14 28	8 19	15 57	16 13	12 58	4 9	5 47
F 3	6 41	18 10	4 23	3 43	4 35	8 14	1 19	24 46	2 17	1 26	0 59	2 54	2 2	5 33	0 46	18 3	1 37	14 27	8 19	15 56	16 12	13 0	4 7	5 47
S 4	6 19	15 49	4 51	4 9	4 25	7 47	1 20	24 49	2 17	1 30	0 59	2 57	2 2	5 32	0 46	18 3	1 37	14 27	8 19	15 54	16 11	13 1	4 4	5 47
S 5	5 57	12 44	5 4	4 34	4 12	7 19	1 21	24 52	2 17	1 35	0 59	3 0	2 2	5 32	0 46	18 3	1 37	14 26	8 19	15 51	16 10	13 3	4 1	5 47
M 6	5 35	9 6	5 1	4 59	3 59	6 52	1 21	24 55	2 17	1 40	0 59	3 2	2 2	5 31	0 47	18 3	1 37	14 25	8 19	15 48	16 10	13 4	3 59	5 47
T 7	5 13	5 7	4 44	5 24	3 44	6 24	1 22	24 57	2 17	1 45	0 59	3 5	2 2	5 30	0 47	18 3	1 37	14 25	8 19	15 45	16 9	13 6	3 56	5 47
W 8	4 50	0 59	4 13	5 48	3 28	5 56	1 23	25 0	2 16	1 50	0 59	3 8	2 2	5 29	0 47	18 2	1 38	14 24	8 19	15 42	16 8	13 7	3 53	5 47
T 9	4 28	3s 8	3 31	6 10	3 11	5 27	1 23	25 3	2 16	1 55	0 59	3 11	2 2	5 29	0 47	18 2	1 38	14 23	8 20	15 40	16 7	13 8	3 50	5 47
F 10	4 6	7 4	2 40	6 30	2 54	4 59	1 24	25 5	2 16	2 0	0 59	3 14	2 2	5 28	0 47	18 2	1 38	14 23	8 20	15 38	16 6	13 10	3 48	5 47
S 11	3 43	10 42	1 42	6 48	2 36	4 30	1 24	25 7	2 16	2 5	0 59	3 16	2 2	5 27	0 47	18 2	1 38	14 22	8 20	15 37	16 5	13 11	3 45	5 47
S 12	3 21	13 52	0 40	7 4	2 18	4 1	1 24	25 10	2 16	2 10	0 59	3 19	2 2	5 26	0 47	18 2	1 38	14 22	8 20	15 36	16 4	13 13	3 42	5 47
M13	2 58	16 28	0n23	7 17	2 0	3 32	1 25	25 12	2 16	2 15	0 59	3 22	2 2	5 25	0 47	18 2	1 38	14 21	8 20	15 36	16 3	13 14	3 39	5 47
T 14	2 35	18 22	1 26	7 28	1 41	3 3	1 25	25 14	2 15	2 20	0 59	3 25	2 2	5 25	0 47	18 2	1 38	14 20	8 20	15 36	16 2	13 16	3 37	5 47
W15	2 13	19 29	2 26	7 35	1 23	2 34	1 25	25 15	2 15	2 25	0 59	3 28	2 1	5 24	0 47	18 1	1 38	14 20	8 20	15 36	16 1	13 17	3 34	5 47
T 16	1 50	19 43	3 20	7 39	1 6	2 5	1 25	25 17	2 15	2 30	0 59	3 30	2 1	5 23	0 47	18 1	1 38	14 19	8 20	15 37	16 0	13 19	3 31	5 47
F 17	1 27	19 0	4 6	7 41	0 49	1 36	1 25	25 19	2 15	2 35	0 59	3 33	2 1	5 22	0 47	18 1	1 38	14 19	8 20	15 37	15 59	13 20	3 28	5 47
S 18	1 5	17 20	4 42	7 38	0 32	1 7	1 25	25 20	2 15	2 40	0 59	3 36	2 1	5 21	0 47	18 1	1 38	14 18	8 21	15 36	15 58	13 22	3 26	5 47
S 19	0 42	14 42	5 4	7 33	0 16	0 37	1 25	25 21	2 14	2 45	0 59	3 39	2 1	5 20	0 47	18 1	1 38	14 17	8 21	15 35	15 57	13 23	3 23	5 47
M20	0 19	11 11	5 9	7 24	0 1	0 8	1 25	25 22	2 14	2 50	0 59	3 42	2 1	5 19	0 47	18 1	1 38	14 17	8 21	15 33	15 57	13 24	3 20	5 47
T 21	0s 4	6 57	4 57	7 11	0n13	0s22	1 25	25 23	2 14	2 55	0 59	3 45	2 1	5 19	0 47	18 0	1 38	14 16	8 21	15 31	15 56	13 26	3 17	5 47
W22	0 27	2 11	4 25	6 55	0 27	0 51	1 24	25 24	2 14	3 0	0 59	3 47	2 1	5 18	0 47	18 0	1 38	14 16	8 21	15 29	15 55	13 27	3 15	5 47
T 23	0 50	2n49	3 35	6 36	0 39	1 20	1 24	25 25	2 13	3 5	0 59	3 50	2 1	5 17	0 47	18 0	1 38	14 15	8 21	15 28	15 54	13 29	3 12	5 47
F 24	1 12	7 42	2 29	6 14	0 51	1 50	1 24	25 25	2 13	3 10	0 59	3 53	2 1	5 16	0 47	18 0	1 38	14 15	8 21	15 26	15 53	13 30	3 9	5 47
S 25	1 35	12 7	1 13	5 48	1 1	2 19	1 23	25 25	2 13	3 15	0 59	3 56	2 1	5 15	0 47	18 0	1 38	14 14	8 22	15 26	15 52	13 32	3 6	5 48
S 26	1 58	15 43	0s 8	5 20	1 10	2 49	1 22	25 25	2 13	3 20	0 59	3 59	2 1	5 14	0 47	17 59	1 38	14 14	8 22	15 25	15 51	13 33	3 4	5 48
M27	2 21	18 14	1 27	4 49	1 18	3 18	1 22	25 25	2 12	3 25	0 59	4 2	2 1	5 13	0 47	17 59	1 38	14 13	8 22	15 26	15 50	13 34	3 1	5 48
T 28	2 44	19 31	2 39	4 16	1 26	3 47	1 21	25 25	2 12	3 30	0 59	4 4	2 1	5 12	0 47	17 59	1 39	14 12	8 22	15 26	15 49	13 36	2 58	5 48
W29	3 6	19 32	3 39	3 40	1 32	4 17	1 20	25 25	2 12	3 35	0 59	4 7	2 1	5 11	0 47	17 59	1 39	14 12	8 22	15 26	15 48	13 37	2 55	5 48
T 30	3s29	18n23	4s26	3n 2	1n37	4s46	1n20	25s24	2s11	3s40	0n59	4s10	2n 1	5n10	0s47	17n58	1s39	14n11	8n22	15s27	15s47	13s39	2n52	5s48

Julian Day Number = 3068318.5, Delta T = 02h35m09s
Ecliptic obliquity = 23°13'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°24'56, Lahiri = 47°31'56

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

OCTOBER 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 45 35	9♎50'02	23♋52	27♍54	16♎35	1♑51	11♎53	15♎36	15°R 3	28°R11	13♍27	12°R28	13♏34	4♏29	8♍44	F 1
S 2	0 49 31	10°48'13	6♌53	29°46	17°50	2°28	12° 6	15°44	15♈ 1	28♉10	13°28	12♏26	13°31	4°36	8°51	S 2
S 3	0 53 28	11°46'26	19°38	1♎39	19° 4	3° 6	12°19	15°51	14°59	28° 9	13°30	12°22	13°28	4°43	8°58	S 3
M 4	0 57 24	12°44'40	2♍ 8	3°33	20°18	3°43	12°32	15°59	14°56	28° 7	13°32	12°17	13°25	4°49	9° 5	M 4
T 5	1 1 21	13°42'56	14°27	5°28	21°33	4°21	12°45	16° 6	14°54	28° 6	13°33	12°12	13°22	4°56	9°12	T 5
W 6	1 5 17	14°41'14	26°36	7°22	22°47	4°59	12°58	16°14	14°51	28° 5	13°35	12° 8	13°19	5° 2	9°19	W 6
T 7	1 9 14	15°39'34	8♎36	9°17	24° 1	5°37	13°11	16°21	14°49	28° 4	13°36	12° 4	13°15	5° 9	9°26	T 7
F 8	1 13 10	16°37'55	20°29	11°12	25°16	6°15	13°24	16°29	14°47	28° 3	13°38	12° 1	13°12	5°16	9°33	F 8
S 9	1 17 7	17°36'18	2♏18	13° 6	26°30	6°54	13°37	16°37	14°44	28° 2	13°40	11°59	13° 9	5°22	9°39	S 9
S 10	1 21 4	18°34'43	14° 5	14°59	27°45	7°32	13°50	16°44	14°42	28° 1	13°41	11°D59	13° 6	5°29	9°46	S 10
M11	1 25 0	19°33'10	25°51	16°52	28°59	8°11	14° 3	16°52	14°39	27°59	13°43	11°59	13° 3	5°36	9°53	M11
T 12	1 28 57	20°31'38	7♐42	18°45	0♏14	8°50	14°16	16°59	14°37	27°58	13°44	12° 1	13° 0	5°42	9°59	T 12
W13	1 32 53	21°30'08	19°39	20°36	1°28	9°29	14°29	17° 7	14°35	27°57	13°46	12° 2	12°56	5°49	10° 6	W13
T 14	1 36 50	22°28'39	1♑47	22°27	2°42	10° 8	14°42	17°14	14°32	27°56	13°47	12° 4	12°53	5°56	10°13	T 14
F 15	1 40 46	23°27'12	14°11	24°17	3°57	10°47	14°55	17°22	14°30	27°54	13°49	12° 5	12°50	6° 2	10°19	F 15
S 16	1 44 43	24°25'47	26°55	26° 5	5°11	11°27	15° 8	17°29	14°28	27°53	13°50	12°R 5	12°47	6° 9	10°26	S 16
S 17	1 48 39	25°24'23	10♒ 2	27°53	6°26	12° 7	15°20	17°37	14°25	27°52	13°52	12° 4	12°44	6°16	10°32	S 17
M18	1 52 36	26°23'00	23°36	29°40	7°40	12°46	15°33	17°44	14°23	27°50	13°53	12° 3	12°40	6°22	10°38	M18
T 19	1 56 33	27°21'39	7♓38	1♏26	8°54	13°26	15°46	17°52	14°20	27°49	13°55	12° 2	12°37	6°29	10°45	T 19
W20	2 0 29	28°20'20	22° 6	3°11	10° 9	14° 6	15°59	17°59	14°18	27°48	13°56	12° 0	12°34	6°35	10°51	W20
T 21	2 4 26	29°19'03	6♈57	4°55	11°23	14°47	16°12	18° 7	14°16	27°46	13°58	11°58	12°31	6°42	10°57	T 21
F 22	2 8 22	0♏17'47	22° 3	6°38	12°38	15°27	16°25	18°14	14°14	27°45	13°59	11°57	12°28	6°49	11° 3	F 22
S 23	2 12 19	1°16'33	7♉16	8°20	13°52	16° 7	16°37	18°22	14°11	27°43	14° 0	11°D57	12°25	6°55	11° 9	S 23
S 24	2 16 15	2°15'21	22°26	10° 1	15° 7	16°48	16°50	18°29	14° 9	27°42	14° 2	11°57	12°21	7° 2	11°15	S 24
M25	2 20 12	3°14'11	7♊25	11°42	16°21	17°29	17° 3	18°37	14° 7	27°40	14° 3	11°57	12°18	7° 9	11°21	M25
T 26	2 24 8	4°13'03	22° 4	13°21	17°35	18°10	17°15	18°44	14° 5	27°39	14° 4	11°58	12°15	7°15	11°27	T 26
W27	2 28 5	5°11'57	6♋19	15° 0	18°50	18°51	17°28	18°51	14° 2	27°37	14° 6	11°59	12°12	7°22	11°33	W27
T 28	2 32 2	6°10'54	20° 8	16°37	20° 4	19°32	17°41	18°59	14° 0	27°36	14° 7	11°59	12° 9	7°29	11°39	T 28
F 29	2 35 58	7° 9'53	3♌31	18°14	21°19	20°13	17°53	19° 6	13°58	27°34	14° 8	11°R59	12° 5	7°35	11°45	F 29
S 30	2 39 55	8° 8'54	16°31	19°50	22°33	20°55	18° 6	19°13	13°56	27°33	14° 9	11°59	12° 2	7°42	11°50	S 30
S 31	2 43 51	9♏ 7'57	29♌10	21♏25	23♏48	21♑36	18♎19	19♎21	13♈54	27♉31	14♍11	11♏59	11♏59	7♏49	11♍56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s52	16n16	4s57	2n22	1n41	5s15	1n19	25s23	2s11	3s45	0n59	4s13	2n 1	5n10	0s47	17n58	1s39	14n11	8n23	15s26	15s46	13s40	2n50	5s48
S 2	4 14	13 21	5 11	1 41	1 44	5 44	1 18	25 22	2 11	3 50	0 59	4 16	2 1	5 9	0 47	17 58	1 39	14 10	8 23	15 26	15 45	13 41	2 47	5 48
S 3	4 37	9 52	5 10	0 58	1 46	6 13	1 17	25 21	2 10	3 55	0 59	4 19	2 1	5 8	0 47	17 58	1 39	14 10	8 23	15 24	15 44	13 43	2 44	5 49
M 4	4 59	6 1	4 55	0 15	1 48	6 42	1 16	25 20	2 10	4 0	0 59	4 22	2 1	5 7	0 47	17 57	1 39	14 10	8 23	15 23	15 43	13 44	2 42	5 49
T 5	5 22	1 59	4 25	0s30	1 48	7 10	1 15	25 18	2 9	4 5	0 59	4 24	2 1	5 6	0 47	17 57	1 39	14 9	8 23	15 22	15 42	13 46	2 39	5 49
W 6	5 44	2s 5	3 44	1 15	1 48	7 39	1 13	25 17	2 9	4 10	0 59	4 27	2 1	5 5	0 47	17 57	1 39	14 9	8 23	15 20	15 41	13 47	2 36	5 49
T 7	6 7	6 2	2 54	2 1	1 47	8 7	1 12	25 15	2 9	4 15	0 59	4 30	2 1	5 4	0 47	17 56	1 39	14 8	8 24	15 19	15 41	13 48	2 33	5 49
F 8	6 29	9 43	1 56	2 47	1 45	8 35	1 11	25 13	2 8	4 20	0 59	4 33	2 2	5 3	0 47	17 56	1 39	14 8	8 24	15 18	15 40	13 50	2 31	5 50
S 9	6 51	13 0	0 53	3 33	1 43	9 3	1 9	25 10	2 8	4 25	0 59	4 36	2 2	5 2	0 47	17 56	1 39	14 7	8 24	15 18	15 39	13 51	2 28	5 50
S 10	7 13	15 44	0n12	4 19	1 40	9 31	1 8	25 8	2 7	4 30	0 59	4 39	2 2	5 1	0 47	17 56	1 39	14 7	8 24	15 17	15 38	13 53	2 25	5 50
M11	7 35	17 49	1 16	5 5	1 37	9 58	1 7	25 5	2 7	4 35	0 59	4 41	2 2	5 0	0 47	17 55	1 39	14 6	8 24	15 18	15 37	13 54	2 23	5 50
T 12	7 57	19 8	2 17	5 51	1 33	10 26	1 5	25 2	2 7	4 40	0 59	4 44	2 2	4 59	0 47	17 55	1 39	14 6	8 25	15 18	15 36	13 55	2 20	5 50
W13	8 19	19 36	3 14	6 36	1 28	10 53	1 4	24 59	2 6	4 45	1 0	4 47	2 2	4 59	0 47	17 55	1 39	14 6	8 25	15 19	15 35	13 57	2 17	5 51
T 14	8 40	19 11	4 2	7 22	1 24	11 20	1 2	24 56	2 6	4 49	1 0	4 50	2 2	4 58	0 47	17 54	1 39	14 5	8 25	15 19	15 34	13 58	2 15	5 51
F 15	9 2	17 50	4 40	8 6	1 19	11 46	1 0	24 52	2 5	4 54	1 0	4 53	2 2	4 57	0 47	17 54	1 39	14 5	8 25	15 19	15 33	13 59	2 12	5 51
S 16	9 23	15 35	5 6	8 51	1 13	12 13	0 58	24 48	2 5	4 59	1 0	4 55	2 2	4 56	0 47	17 54	1 39	14 4	8 25	15 19	15 32	14 1	2 9	5 51
S 17	9 44	12 29	5 17	9 34	1 8	12 39	0 57	24 44	2 4	5 4	1 0	4 58	2 2	4 55	0 47	17 53	1 39	14 4	8 26	15 19	15 31	14 2	2 7	5 52
M18	10 5	8 38	5 10	10 17	1 2	13 4	0 55	24 40	2 4	5 9	1 0	5 1	2 2	4 54	0 47	17 53	1 39	14 4	8 26	15 19	15 30	14 3	2 4	5 52
T 19	10 26	4 12	4 46	10 59	0 56	13 30	0 53	24 36	2 3	5 14	1 0	5 4	2 2	4 53	0 47	17 53	1 39	14 3	8 26	15 18	15 29	14 5	2 2	5 52
W20	10 47	0n37	4 3	11 41	0 50	13 55	0 51	24 31	2 3	5 19	1 0	5 7	2 2	4 52	0 47	17 52	1 39	14 3	8 26	15 18	15 28	14 6	1 59	5 52
T 21	11 8	5 32	3 2	12 22	0 43	14 20	0 49	24 26	2 2	5 23	1 0	5 9	2 2	4 51	0 47	17 52	1 39	14 3	8 27	15 17	15 27	14 7	1 56	5 53
F 22	11 28	10 11	1 48	13 2	0 37	14 44	0 47	24 21	2 2	5 28	1 0	5 12	2 2	4 51	0 47	17 52	1 39	14 2	8 27	15 17	15 26	14 9	1 54	5 53
S 23	11 49	14 13	0 26	13 41	0 30	15 8	0 45	24 16	2 1	5 33	1 0	5 15	2 2	4 50	0 47	17 51	1 39	14 2	8 27	15 17	15 25	14 10	1 51	5 53
S 24	12 9	17 17	0s58	14 19	0 23	15 32	0 43	24 10	2 1	5 38	1 0	5 17	2 2	4 49	0 47	17 51	1 39	14 2	8 27	15 17	15 24	14 11	1 49	5 54
M25	12 29	19 6	2 17	14 57	0 16	15 55	0 41	24 5	2 0	5 43	1 0	5 20	2 2	4 48	0 47	17 51	1 39	14 2	8 28	15 17	15 23	14 13	1 46	5 54
T 26	12 49	19 34	3 25	15 33	0 9	16 18	0 39	23 59	2 0	5 47	1 0	5 23	2 3	4 47	0 46	17 50	1 40	14 1	8 28	15 17	15 22	14 14	1 44	5 54
W27	13 8	18 46	4 19	16 9	0 2	16 41	0 37	23 52	1 59	5 52	1 0	5 26	2 3	4 46	0 46	17 50	1 40	14 1	8 28	15 17	15 21	14 15	1 41	5 55
T 28	13 28	16 51	4 55	16 44	0s 5	17 3	0 34	23 46	1 59	5 57	1 0	5 28	2 3	4 46	0 46	17 50	1 40	14 1	8 28	15 18	15 20	14 17	1 39	5 55
F 29	13 47	14 5	5 15	17 18	0 12	17 24	0 32	23 39	1 58	6 1	1 0	5 31	2 3	4 45	0 46	17 49	1 40	14 1	8 29	15 18	15 19	14 18	1 37	5 55
S 30	14 6	10 42	5 17	17 51	0 19	17 46	0 30	23 33	1 57	6 6	1 0	5 33	2 3	4 44	0 46	17 49	1 40	14 0	8 29	15 18	15 19	14 19	1 34	5 56
S 31	14s25	6n54	5s 4	18s23	0s26	18s 6	0n27	23s26	1s57	6s11	1n 1	5s36	2n 3	4n43	0s46	17n48	1s40	14n 0	8n29	15s18	15s18	14s21	1n32	5s56

Julian Day Number = 3068348.5, Delta T = 02h35m10s
Ecliptic obliquity = 23°13'14, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'00, Lahiri = 47°32'00

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

NOVEMBER 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 47 48	10♏ 7'02	11♍32	23♏ 0	25♏ 2	22♑18	18♎31	19♎28	13°R52	27°R29	14♍12	11°R59	11♏56	7♏55	12♍ 1	M 1
T 2	2 51 44	11° 6'09	23°40	24°34	26°17	23° 0	18°43	19°35	13♈50	27♉28	14°13	11♏59	11°53	8° 2	12° 7	T 2
W 3	2 55 41	12° 5'19	5♎39	26° 7	27°31	23°41	18°56	19°42	13°48	27°26	14°14	11°D59	11°50	8° 8	12°12	W 3
T 4	2 59 37	13° 4'31	17°31	27°39	28°45	24°23	19° 8	19°49	13°46	27°25	14°15	11°59	11°46	8°15	12°17	T 4
F 5	3 3 34	14° 3'44	29°19	29°10	29°59	25° 6	19°21	19°57	13°44	27°23	14°16	11°59	11°43	8°22	12°22	F 5
S 6	3 7 30	15° 3'00	11♏ 6	0♐41	1♐14	25°48	19°33	20° 4	13°42	27°21	14°17	11°R59	11°40	8°28	12°27	S 6
S 7	3 11 27	16° 2'18	22°54	2°11	2°29	26°30	19°45	20°11	13°40	27°20	14°18	11°59	11°37	8°35	12°32	S 7
M 8	3 15 24	17° 1'38	4♐45	3°40	3°43	27°13	19°58	20°18	13°38	27°18	14°19	11°59	11°34	8°42	12°37	M 8
T 9	3 19 20	18° 1'00	16°42	5° 9	4°58	27°55	20°10	20°25	13°36	27°16	14°20	11°58	11°31	8°48	12°42	T 9
W10	3 23 17	19° 0'23	28°46	6°37	6°12	28°38	20°22	20°32	13°34	27°15	14°21	11°57	11°27	8°55	12°47	W10
T 11	3 27 13	19°59'48	11♑ 1	8° 4	7°27	29°21	20°34	20°39	13°32	27°13	14°22	11°56	11°24	9° 2	12°52	T 11
F 12	3 31 10	20°59'15	23°29	9°30	8°41	0♒ 4	20°46	20°46	13°31	27°12	14°23	11°55	11°21	9° 8	12°56	F 12
S 13	3 35 6	21°58'44	6♒13	10°55	9°56	0°46	20°58	20°52	13°29	27°10	14°24	11°54	11°18	9°15	13° 1	S 13
S 14	3 39 3	22°58'14	19°17	12°20	11°10	1°30	21°10	20°59	13°27	27° 8	14°25	11°D54	11°15	9°22	13° 5	S 14
M15	3 42 59	23°57'46	2♓42	13°44	12°25	2°13	21°22	21° 6	13°26	27° 6	14°26	11°54	11°11	9°28	13°10	M15
T 16	3 46 56	24°57'20	16°31	15° 7	13°39	2°56	21°34	21°13	13°24	27° 5	14°27	11°54	11° 8	9°35	13°14	T 16
W17	3 50 53	25°56'55	0♈45	16°29	14°53	3°39	21°45	21°19	13°22	27° 3	14°27	11°55	11° 5	9°41	13°18	W17
T 18	3 54 49	26°56'32	15°20	17°50	16° 8	4°23	21°57	21°26	13°21	27° 1	14°28	11°57	11° 2	9°48	13°22	T 18
F 19	3 58 46	27°56'10	0♉15	19°10	17°22	5° 6	22° 9	21°33	13°19	27° 0	14°29	11°57	10°59	9°55	13°26	F 19
S 20	4 2 42	28°55'51	15°21	20°29	18°37	5°50	22°20	21°39	13°18	26°58	14°30	11°R58	10°56	10° 1	13°30	S 20
S 21	4 6 39	29°55'33	0♊30	21°47	19°51	6°34	22°32	21°46	13°16	26°56	14°30	11°57	10°52	10° 8	13°34	S 21
M22	4 10 35	0♐55'17	15°34	23° 3	21° 6	7°17	22°43	21°52	13°15	26°55	14°31	11°55	10°49	10°15	13°38	M22
T 23	4 14 32	1°55'03	0♋22	24°18	22°20	8° 1	22°55	21°59	13°14	26°53	14°32	11°53	10°46	10°21	13°42	T 23
W24	4 18 28	2°54'51	14°48	25°32	23°35	8°45	23° 6	22° 5	13°12	26°51	14°32	11°50	10°43	10°28	13°45	W24
T 25	4 22 25	3°54'41	28°48	26°44	24°49	9°29	23°17	22°11	13°11	26°50	14°33	11°47	10°40	10°35	13°49	T 25
F 26	4 26 22	4°54'33	12♌20	27°54	26° 3	10°13	23°29	22°18	13°10	26°48	14°33	11°45	10°37	10°41	13°52	F 26
S 27	4 30 18	5°54'28	25°25	29° 2	27°18	10°58	23°40	22°24	13° 9	26°46	14°34	11°43	10°33	10°48	13°55	S 27
S 28	4 34 15	6°54'24	8♍ 6	0♑ 7	28°32	11°42	23°51	22°30	13° 8	26°45	14°34	11°D43	10°30	10°55	13°58	S 28
M29	4 38 11	7°54'22	20°26	1°10	29°47	12°26	24° 2	22°36	13° 6	26°43	14°35	11°43	10°27	11° 1	14° 2	M29
T 30	4 42 8	8♐54'23	2♎31	2♑10	1♑ 1	13♒11	24♎13	22♎42	13♈ 5	26♉41	14♍35	11♏45	10♏24	11♏ 8	14♍ 5	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s43	2n54	4s37	18s54	0s33	18s27	0n25	23s18	1s56	6s15	1n 1	5s39	2n 3	4n42	0s46	17n48	1s40	14n 0	8n29	15s17	15s17	14s22	1n29	5s56
T 2	15 1	1s 9	3 58	19 24	0 41	18 46	0 23	23 11	1 56	6 20	1 1	5 41	2 3	4 42	0 46	17 48	1 40	14 0	8 30	15 17	15 16	14 23	1 27	5 57
W 3	15 19	5 7	3 9	19 52	0 48	19 6	0 20	23 3	1 55	6 25	1 1	5 44	2 3	4 41	0 46	17 47	1 40	13 59	8 30	15 17	15 15	14 24	1 25	5 57
T 4	15 37	8 51	2 12	20 20	0 55	19 25	0 18	22 55	1 54	6 29	1 1	5 46	2 3	4 40	0 46	17 47	1 40	13 59	8 30	15 17	15 14	14 26	1 22	5 57
F 5	15 55	12 13	1 10	20 47	1 1	19 43	0 15	22 47	1 54	6 34	1 1	5 49	2 4	4 39	0 46	17 47	1 40	13 59	8 31	15 17	15 13	14 27	1 20	5 58
S 6	16 12	15 6	0 5	21 13	1 8	20 1	0 13	22 39	1 53	6 38	1 1	5 52	2 4	4 39	0 46	17 46	1 40	13 59	8 31	15 17	15 12	14 28	1 18	5 58
S 7	16 29	17 21	1n 0	21 38	1 15	20 18	0 10	22 30	1 53	6 43	1 1	5 54	2 4	4 38	0 46	17 46	1 40	13 59	8 31	15 17	15 11	14 30	1 16	5 59
M 8	16 46	18 52	2 3	22 2	1 22	20 34	0 8	22 21	1 52	6 47	1 1	5 57	2 4	4 37	0 46	17 45	1 40	13 59	8 31	15 17	15 10	14 31	1 13	5 59
T 9	17 3	19 33	3 1	22 24	1 28	20 50	0 5	22 12	1 51	6 52	1 1	5 59	2 4	4 37	0 46	17 45	1 40	13 59	8 32	15 17	15 9	14 32	1 11	5 59
W10	17 19	19 21	3 52	22 46	1 34	21 6	0 3	22 3	1 51	6 56	1 1	6 2	2 4	4 36	0 46	17 45	1 40	13 58	8 32	15 17	15 8	14 33	1 9	6 0
T 11	17 35	18 14	4 33	23 6	1 41	21 21	0 0	21 54	1 50	7 1	1 2	6 4	2 4	4 35	0 46	17 44	1 40	13 58	8 32	15 17	15 7	14 35	1 7	6 0
F 12	17 50	16 15	5 1	23 26	1 47	21 35	0s 2	21 44	1 49	7 5	1 2	6 6	2 4	4 35	0 46	17 44	1 40	13 58	8 32	15 16	15 6	14 36	1 5	6 1
S 13	18 6	13 26	5 16	23 44	1 52	21 49	0 5	21 34	1 49	7 9	1 2	6 9	2 5	4 34	0 46	17 44	1 40	13 58	8 33	15 16	15 5	14 37	1 3	6 1
S 14	18 21	9 55	5 15	24 1	1 58	22 2	0 7	21 24	1 48	7 14	1 2	6 11	2 5	4 33	0 46	17 43	1 40	13 58	8 33	15 16	15 4	14 38	1 1	6 1
M15	18 35	5 47	4 57	24 17	2 4	22 14	0 10	21 14	1 47	7 18	1 2	6 14	2 5	4 33	0 46	17 43	1 40	13 58	8 33	15 16	15 3	14 40	0 58	6 2
T 16	18 50	1 15	4 21	24 32	2 9	22 26	0 13	21 3	1 47	7 22	1 2	6 16	2 5	4 32	0 46	17 42	1 40	13 58	8 34	15 16	15 2	14 41	0 56	6 2
W17	19 4	3n30	3 29	24 46	2 14	22 37	0 15	20 52	1 46	7 26	1 2	6 18	2 5	4 32	0 46	17 42	1 40	13 58	8 34	15 16	15 1	14 42	0 54	6 3
T 18	19 18	8 11	2 22	24 58	2 19	22 48	0 18	20 41	1 45	7 31	1 2	6 21	2 5	4 31	0 46	17 42	1 40	13 58	8 34	15 17	15 0	14 43	0 53	6 3
F 19	19 31	12 28	1 5	25 10	2 23	22 58	0 20	20 30	1 44	7 35	1 2	6 23	2 5	4 30	0 46	17 41	1 40	13 58	8 35	15 17	14 59	14 45	0 51	6 4
S 20	19 44	15 59	0s19	25 20	2 27	23 7	0 23	20 19	1 44	7 39	1 2	6 25	2 6	4 30	0 46	17 41	1 40	13 58	8 35	15 17	14 58	14 46	0 49	6 4
S 21	19 57	18 25	1 41	25 29	2 31	23 16	0 26	20 7	1 43	7 43	1 3	6 27	2 6	4 29	0 46	17 41	1 40	13 58	8 35	15 17	14 57	14 47	0 47	6 5
M22	20 9	19 32	2 55	25 37	2 35	23 23	0 28	19 56	1 42	7 47	1 3	6 30	2 6	4 29	0 46	17 40	1 40	13 58	8 35	15 16	14 56	14 48	0 45	6 5
T 23	20 21	19 16	3 57	25 44	2 38	23 31	0 31	19 44	1 41	7 51	1 3	6 32	2 6	4 28	0 46	17 40	1 40	13 58	8 36	15 16	14 55	14 50	0 43	6 5
W24	20 33	17 45	4 41	25 49	2 41	23 37	0 33	19 32	1 41	7 55	1 3	6 34	2 6	4 28	0 46	17 39	1 40	13 58	8 36	15 15	14 54	14 51	0 41	6 6
T 25	20 44	15 11	5 7	25 54	2 43	23 43	0 36	19 19	1 40	7 59	1 3	6 36	2 6	4 27	0 46	17 39	1 40	13 58	8 36	15 14	14 53	14 52	0 40	6 6
F 26	20 55	11 53	5 15	25 57	2 45	23 48	0 38	19 7	1 39	8 3	1 3	6 38	2 7	4 27	0 46	17 39	1 40	13 58	8 37	15 13	14 52	14 53	0 38	6 7
S 27	21 6	8 6	5 7	25 59	2 46	23 52	0 41	18 54	1 39	8 7	1 3	6 40	2 7	4 27	0 46	17 38	1 40	13 58	8 37	15 13	14 51	14 54	0 36	6 7
S 28	21 16	4 5	4 43	26 0	2 47	23 56	0 43	18 41	1 38	8 11	1 3	6 43	2 7	4 26	0 46	17 38	1 40	13 58	8 37	15 13	14 50	14 56	0 35	6 8
M29	21 26	0s 2	4 6	26 0	2 48	23 59	0 46	18 28	1 37	8 15	1 4	6 45	2 7	4 26	0 46	17 38	1 40	13 59	8 38	15 13	14 49	14 57	0 33	6 8
T 30	21s35	4s 3	3s20	25s59	2s47	24s 1	0s48	18s15	1s36	8s19	1n 4	6s47	2n 7	4n25	0s45	17n37	1s40	13n59	8n38	15s13	14s48	14s58	0n31	6s 9

Julian Day Number = 3068379.5, Delta T = 02h35m11s
Ecliptic obliquity = 23°13'13, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'04, Lahiri = 47°32'04

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ASTRODIENST EPHEMERIS for the year 3688
geocentric

DECEMBER 3688 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 46 4	9♐54'25	14♎25	3♑ 7	2♑16	13♒55	24♎24	22♎48	13°R 4	26°R40	14♍36	11♏47	10♏21	11♏15	14♍ 7	W 1
T 2	4 50 1	10°54'30	26°13	4° 1	3°30	14°40	24°34	22°54	13♈ 3	26♉38	14°36	11°48	10°17	11°21	14°10	T 2
F 3	4 53 57	11°54'36	8♏ 0	4°50	4°44	15°24	24°45	23° 0	13° 3	26°37	14°36	11°R49	10°14	11°28	14°13	F 3
S 4	4 57 54	12°54'44	19°47	5°36	5°59	16° 9	24°56	23° 5	13° 2	26°35	14°37	11°49	10°11	11°34	14°15	S 4
S 5	5 1 51	13°54'54	1♐40	6°16	7°13	16°54	25° 6	23°11	13° 1	26°33	14°37	11°47	10° 8	11°41	14°18	S 5
M 6	5 5 47	14°55'06	13°39	6°50	8°28	17°39	25°16	23°17	13° 0	26°32	14°37	11°44	10° 5	11°48	14°20	M 6
T 7	5 9 44	15°55'20	25°47	7°18	9°42	18°24	25°27	23°22	12°59	26°30	14°38	11°39	10° 2	11°54	14°23	T 7
W 8	5 13 40	16°55'35	8♑ 5	7°40	10°57	19° 9	25°37	23°28	12°59	26°29	14°38	11°32	9°58	12° 1	14°25	W 8
T 9	5 17 37	17°55'52	20°34	7°53	12°11	19°54	25°47	23°33	12°58	26°27	14°38	11°26	9°55	12° 8	14°27	T 9
F 10	5 21 33	18°56'10	3♒15	7°R59	13°25	20°39	25°57	23°39	12°58	26°26	14°38	11°19	9°52	12°14	14°29	F 10
S 11	5 25 30	19°56'30	16°10	7°55	14°40	21°24	26° 7	23°44	12°57	26°24	14°38	11°14	9°49	12°21	14°30	S 11
S 12	5 29 27	20°56'51	29°18	7°41	15°54	22° 9	26°17	23°49	12°57	26°23	14°38	11°10	9°46	12°28	14°32	S 12
M13	5 33 23	21°57'13	12♓42	7°18	17° 9	22°55	26°27	23°54	12°56	26°21	14°38	11° 8	9°43	12°34	14°34	M13
T 14	5 37 20	22°57'37	26°22	6°44	18°23	23°40	26°36	23°59	12°56	26°20	14°38	11°D 7	9°39	12°41	14°35	T 14
W15	5 41 16	23°58'01	10♈21	5°59	19°37	24°25	26°46	24° 4	12°55	26°18	14°R38	11° 8	9°36	12°48	14°37	W15
T 16	5 45 13	24°58'27	24°37	5° 5	20°52	25°11	26°55	24° 9	12°55	26°17	14°38	11°10	9°33	12°54	14°38	T 16
F 17	5 49 9	25°58'54	9♉ 9	4° 1	22° 6	25°56	27° 5	24°14	12°55	26°15	14°38	11°R10	9°30	13° 1	14°39	F 17
S 18	5 53 6	26°59'23	23°54	2°50	23°20	26°42	27°14	24°19	12°55	26°14	14°38	11°10	9°27	13° 7	14°40	S 18
S 19	5 57 2	27°59'52	8♊45	1°32	24°35	27°27	27°23	24°24	12°55	26°13	14°38	11° 7	9°23	13°14	14°41	S 19
M20	6 0 59	29° 0'23	23°36	0°11	25°49	28°13	27°32	24°28	12°55	26°11	14°38	11° 2	9°20	13°21	14°42	M20
T 21	6 4 56	0♋ 0'55	8♋18	28♐49	27° 3	28°59	27°41	24°33	12°D54	26°10	14°38	10°55	9°17	13°27	14°43	T 21
W22	6 8 52	1° 1'29	22°44	27°28	28°18	29°44	27°50	24°37	12°55	26° 8	14°38	10°47	9°14	13°34	14°43	W22
T 23	6 12 49	2° 2'04	6♌48	26°12	29°32	0♓30	27°59	24°42	12°55	26° 7	14°37	10°38	9°11	13°41	14°44	T 23
F 24	6 16 45	3° 2'41	20°25	25° 3	0♒46	1°16	28° 7	24°46	12°55	26° 6	14°37	10°30	9° 8	13°47	14°44	F 24
S 25	6 20 42	4° 3'19	3♍35	24° 3	2° 0	2° 2	28°16	24°50	12°55	26° 5	14°37	10°24	9° 4	13°54	14°45	S 25
S 26	6 24 38	5° 3'58	16°20	23°12	3°15	2°47	28°24	24°54	12°55	26° 3	14°37	10°20	9° 1	14° 1	14°45	S 26
M27	6 28 35	6° 4'39	28°43	22°33	4°29	3°33	28°32	24°58	12°55	26° 2	14°36	10°18	8°58	14° 7	14°R45	M27
T 28	6 32 31	7° 5'21	10♎49	22° 6	5°43	4°19	28°40	25° 2	12°56	26° 1	14°36	10°D18	8°55	14°14	14°45	T 28
W29	6 36 28	8° 6'05	22°43	21°50	6°57	5° 5	28°48	25° 6	12°56	26° 0	14°35	10°18	8°52	14°21	14°45	W29
T 30	6 40 25	9° 6'51	4♏31	21°D45	8°12	5°51	28°56	25°10	12°57	25°59	14°35	10°R19	8°49	14°27	14°44	T 30
F 31	6 44 21	10♑ 7'37	16♏18	21♐50	9♒26	6♓37	29♎ 4	25♎13	12♈57	25♉58	14♍35	10♏19	8♏45	14♏34	14♍44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s44	7s52	2s25	25s57	2s46	24s 3	0s51	18s 1	1s35	8s23	1n 4	6s49	2n 7	4n25	0s45	17n37	1s40	13n59	8n38	15s14	14s47	14s59	0n30	6s 9
T 2	21 52	11 21	1 25	25 54	2 44	24 3	0 53	17 48	1 35	8 27	1 4	6 51	2 8	4 25	0 45	17 36	1 40	13 59	8 39	15 14	14 46	15 0	0 28	6 10
F 3	22 1	14 23	0 21	25 49	2 42	24 4	0 55	17 34	1 34	8 30	1 4	6 53	2 8	4 24	0 45	17 36	1 40	13 59	8 39	15 15	14 45	15 2	0 27	6 10
S 4	22 8	16 49	0n44	25 44	2 38	24 3	0 58	17 20	1 33	8 34	1 4	6 55	2 8	4 24	0 45	17 36	1 40	13 59	8 39	15 14	14 44	15 3	0 26	6 11
S 5	22 16	18 34	1 47	25 38	2 34	24 1	1 0	17 6	1 32	8 38	1 4	6 56	2 8	4 24	0 45	17 35	1 40	13 59	8 40	15 14	14 43	15 4	0 24	6 11
M 6	22 23	19 30	2 45	25 30	2 28	23 59	1 2	16 51	1 31	8 41	1 5	6 58	2 8	4 24	0 45	17 35	1 40	14 0	8 40	15 13	14 42	15 5	0 23	6 12
T 7	22 29	19 32	3 37	25 22	2 21	23 57	1 5	16 37	1 31	8 45	1 5	7 0	2 9	4 23	0 45	17 35	1 40	14 0	8 40	15 11	14 41	15 6	0 21	6 12
W 8	22 35	18 39	4 20	25 13	2 13	23 53	1 7	16 22	1 30	8 48	1 5	7 2	2 9	4 23	0 45	17 34	1 40	14 0	8 41	15 9	14 40	15 8	0 20	6 13
T 9	22 41	16 52	4 51	25 3	2 4	23 49	1 9	16 7	1 29	8 52	1 5	7 4	2 9	4 23	0 45	17 34	1 40	14 0	8 41	15 7	14 39	15 9	0 19	6 13
F 10	22 46	14 15	5 8	24 52	1 54	23 44	1 11	15 52	1 28	8 55	1 5	7 6	2 9	4 23	0 45	17 34	1 40	14 0	8 41	15 5	14 38	15 10	0 18	6 14
S 11	22 51	10 55	5 10	24 41	1 42	23 38	1 13	15 37	1 27	8 59	1 5	7 7	2 9	4 23	0 45	17 33	1 40	14 1	8 41	15 4	14 37	15 11	0 17	6 14
S 12	22 55	6 59	4 55	24 28	1 28	23 32	1 15	15 22	1 27	9 2	1 5	7 9	2 10	4 22	0 45	17 33	1 39	14 1	8 42	15 2	14 36	15 12	0 15	6 15
M13	22 59	2 39	4 25	24 14	1 13	23 25	1 17	15 6	1 26	9 5	1 6	7 11	2 10	4 22	0 45	17 33	1 39	14 1	8 42	15 2	14 35	15 13	0 14	6 15
T 14	23 2	1n56	3 39	24 0	0 57	23 17	1 19	14 51	1 25	9 9	1 6	7 12	2 10	4 22	0 45	17 32	1 39	14 2	8 42	15 2	14 34	15 15	0 13	6 16
W15	23 5	6 30	2 39	23 44	0 39	23 8	1 21	14 35	1 24	9 12	1 6	7 14	2 10	4 22	0 45	17 32	1 39	14 2	8 43	15 2	14 33	15 16	0 12	6 16
T 16	23 8	10 50	1 29	23 28	0 20	22 59	1 23	14 19	1 23	9 15	1 6	7 15	2 11	4 22	0 45	17 32	1 39	14 2	8 43	15 2	14 32	15 17	0 11	6 17
F 17	23 10	14 35	0 11	23 10	0 1	22 49	1 25	14 3	1 22	9 18	1 6	7 17	2 11	4 22	0 45	17 32	1 39	14 2	8 43	15 3	14 31	15 18	0 10	6 17
S 18	23 11	17 28	1s 8	22 52	0n20	22 39	1 27	13 47	1 21	9 22	1 7	7 19	2 11	4 22	0 45	17 31	1 39	14 3	8 44	15 2	14 30	15 19	0 10	6 18
S 19	23 12	19 12	2 24	22 33	0 40	22 28	1 28	13 31	1 21	9 25	1 7	7 20	2 11	4 22	0 45	17 31	1 39	14 3	8 44	15 2	14 29	15 20	0 9	6 18
M20	23 13	19 35	3 29	22 13	1 0	22 16	1 30	13 14	1 20	9 28	1 7	7 21	2 11	4 22	0 45	17 31	1 39	14 3	8 44	15 0	14 28	15 21	0 8	6 19
T 21	23 13	18 39	4 19	21 54	1 19	22 3	1 32	12 57	1 19	9 31	1 7	7 23	2 12	4 22	0 45	17 30	1 39	14 4	8 45	14 58	14 27	15 23	0 7	6 19
W22	23 13	16 31	4 52	21 35	1 37	21 50	1 33	12 41	1 18	9 34	1 7	7 24	2 12	4 22	0 45	17 30	1 39	14 4	8 45	14 55	14 26	15 24	0 6	6 20
T 23	23 12	13 27	5 6	21 17	1 53	21 36	1 35	12 24	1 17	9 36	1 7	7 26	2 12	4 22	0 45	17 30	1 39	14 5	8 45	14 53	14 25	15 25	0 6	6 20
F 24	23 11	9 45	5 3	21 1	2 7	21 22	1 36	12 7	1 16	9 39	1 8	7 27	2 12	4 22	0 45	17 30	1 39	14 5	8 46	14 50	14 24	15 26	0 5	6 21
S 25	23 10	5 42	4 43	20 47	2 18	21 7	1 37	11 50	1 15	9 42	1 8	7 28	2 13	4 22	0 44	17 29	1 39	14 5	8 46	14 48	14 23	15 27	0 5	6 21
S 26	23 7	1 31	4 9	20 35	2 28	20 51	1 39	11 33	1 15	9 45	1 8	7 29	2 13	4 22	0 44	17 29	1 39	14 6	8 46	14 47	14 22	15 28	0 4	6 22
M27	23 5	2s38	3 24	20 26	2 35	20 35	1 40	11 15	1 14	9 48	1 8	7 31	2 13	4 23	0 44	17 29	1 39	14 6	8 47	14 46	14 21	15 29	0 4	6 22
T 28	23 2	6 34	2 32	20 19	2 40	20 18	1 41	10 58	1 13	9 50	1 8	7 32	2 13	4 23	0 44	17 29	1 39	14 7	8 47	14 46	14 20	15 30	0 3	6 23
W29	22 59	10 12	1 33	20 15	2 43	20 1	1 42	10 41	1 12	9 53	1 9	7 33	2 14	4 23	0 44	17 28	1 39	14 7	8 47	14 47	14 19	15 31	0 3	6 23
T 30	22 55	13 24	0 31	20 14	2 44	19 43	1 43	10 23	1 11	9 55	1 9	7 34	2 14	4 23	0 44	17 28	1 39	14 7	8 47	14 47	14 18	15 33	0 2	6 24
F 31	22s50	16s 3	0n32	20s15	2n44	19s24	1s44	10s 5	1s10	9s58	1n 9	7s35	2n14	4n23	0s44	17n28	1s39	14n 8	8n48	14s47	14s17	15s34	0n 2	6s24

Julian Day Number = 3068409.5, Delta T = 02h35m12s
Ecliptic obliquity = 23°13'12, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'08, Lahiri = 47°32'09

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

JANUARY 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 48 18	11♑ 8'25	28♏ 8	22♐ 5	10♒40	7♓23	29♎11	25♎17	12♈58	25°R57	14°R34	10°R17	8♏42	14♏41	14°R44	S 1
S 2	6 52 14	12° 9'14	10♐ 6	22°30	11°54	8°10	29°19	25°20	12°58	25♉56	14♍34	10♏13	8°39	14°47	14♍43	S 2
M 3	6 56 11	13°10'05	22°14	23° 2	13° 8	8°56	29°26	25°24	12°59	25°54	14°33	10° 6	8°36	14°54	14°42	M 3
T 4	7 0 7	14°10'56	4♑35	23°41	14°22	9°42	29°33	25°27	13° 0	25°53	14°33	9°56	8°33	15° 0	14°41	T 4
W 5	7 4 4	15°11'49	17°11	24°27	15°37	10°28	29°40	25°30	13° 0	25°53	14°32	9°45	8°29	15° 7	14°40	W 5
T 6	7 8 1	16°12'42	29°59	25°18	16°51	11°14	29°47	25°33	13° 1	25°52	14°31	9°33	8°26	15°14	14°39	T 6
F 7	7 11 57	17°13'36	13♒ 2	26°14	18° 5	12° 1	29°54	25°36	13° 2	25°51	14°31	9°20	8°23	15°20	14°38	F 7
S 8	7 15 54	18°14'31	26°16	27°15	19°19	12°47	0♏ 0	25°39	13° 3	25°50	14°30	9°10	8°20	15°27	14°37	S 8
S 9	7 19 50	19°15'26	9♓41	28°19	20°33	13°33	0° 7	25°42	13° 4	25°49	14°29	9° 1	8°17	15°34	14°36	S 9
M10	7 23 47	20°16'22	23°15	29°27	21°47	14°19	0°13	25°44	13° 5	25°48	14°29	8°56	8°14	15°40	14°34	M10
T 11	7 27 43	21°17'19	7♈ 0	0♑37	23° 1	15° 6	0°19	25°47	13° 6	25°47	14°28	8°53	8°10	15°47	14°33	T 11
W12	7 31 40	22°18'16	20°54	1°50	24°15	15°52	0°25	25°49	13° 7	25°46	14°27	8°D52	8° 7	15°54	14°31	W12
T 13	7 35 36	23°19'13	4♉57	3° 5	25°29	16°39	0°31	25°52	13° 8	25°46	14°26	8°R52	8° 4	16° 0	14°29	T 13
F 14	7 39 33	24°20'11	19° 9	4°22	26°43	17°25	0°37	25°54	13° 9	25°45	14°26	8°52	8° 1	16° 7	14°27	F 14
S 15	7 43 30	25°21'09	3♊29	5°41	27°56	18°11	0°42	25°56	13°11	25°44	14°25	8°50	7°58	16°14	14°25	S 15
S 16	7 47 26	26°22'07	17°54	7° 1	29°10	18°58	0°47	25°58	13°12	25°44	14°24	8°46	7°55	16°20	14°23	S 16
M17	7 51 23	27°23'06	2♋19	8°23	0♓24	19°44	0°53	26° 0	13°13	25°43	14°23	8°38	7°51	16°27	14°21	M17
T 18	7 55 19	28°24'05	16°40	9°46	1°38	20°31	0°58	26° 2	13°15	25°43	14°22	8°28	7°48	16°33	14°19	T 18
W19	7 59 16	29°25'05	0♌49	11°10	2°52	21°17	1° 3	26° 4	13°16	25°42	14°21	8°15	7°45	16°40	14°16	W19
T 20	8 3 12	0♒26'05	14°42	12°34	4° 5	22° 3	1° 7	26° 6	13°18	25°41	14°20	8° 3	7°42	16°47	14°14	T 20
F 21	8 7 9	1°27'05	28°13	14° 0	5°19	22°50	1°12	26° 7	13°19	25°41	14°19	7°50	7°39	16°53	14°11	F 21
S 22	8 11 5	2°28'06	11♍22	15°26	6°32	23°36	1°16	26° 8	13°21	25°41	14°18	7°40	7°35	17° 0	14° 9	S 22
S 23	8 15 2	3°29'07	24° 8	16°53	7°46	24°23	1°20	26°10	13°22	25°40	14°17	7°32	7°32	17° 7	14° 6	S 23
M24	8 18 59	4°30'09	6♎33	18°20	9° 0	25° 9	1°24	26°11	13°24	25°40	14°16	7°27	7°29	17°13	14° 3	M24
T 25	8 22 55	5°31'12	18°40	19°48	10°13	25°56	1°28	26°12	13°26	25°39	14°15	7°25	7°26	17°20	14° 0	T 25
W26	8 26 52	6°32'15	0♏36	21°17	11°26	26°42	1°32	26°13	13°27	25°39	14°14	7°24	7°23	17°27	13°57	W26
T 27	8 30 48	7°33'18	12°25	22°46	12°40	27°29	1°35	26°14	13°29	25°39	14°13	7°24	7°20	17°33	13°54	T 27
F 28	8 34 45	8°34'22	24°12	24°16	13°53	28°15	1°39	26°15	13°31	25°39	14°12	7°24	7°16	17°40	13°51	F 28
S 29	8 38 41	9°35'26	6♐ 4	25°46	15° 6	29° 2	1°42	26°15	13°33	25°38	14°11	7°22	7°13	17°47	13°47	S 29
S 30	8 42 38	10°36'31	18° 5	27°16	16°20	29°48	1°45	26°16	13°35	25°38	14°10	7°17	7°10	17°53	13°44	S 30
M31	8 46 34	11♒37'36	0♑20	28♑47	17♓33	0♈35	1♏48	26♎16	13♈37	25♉38	14♍ 8	7♏ 9	7♏ 7	18♏ 0	13♍41	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s45	18s 2	1n34	20s17	2n42	19s 5	1s45	9s47	1s 9	10s 0	1n 9	7s36	2n14	4n24	0s44	17n28	1s39	14n 8	8n48	14s46	14s16	15s35	0n 2	6s25
S 2	22 40	19 15	2 32	20 22	2 39	18 46	1 46	9 30	1 8	10 3	1 9	7 37	2 15	4 24	0 44	17 28	1 39	14 9	8 48	14 45	14 15	15 36	0 2	6 25
M 3	22 35	19 36	3 24	20 27	2 35	18 25	1 47	9 12	1 7	10 5	1 10	7 38	2 15	4 24	0 44	17 27	1 39	14 9	8 49	14 43	14 14	15 37	0 2	6 26
T 4	22 28	19 1	4 8	20 34	2 30	18 5	1 47	8 53	1 7	10 7	1 10	7 39	2 15	4 24	0 44	17 27	1 39	14 10	8 49	14 40	14 13	15 38	0 1	6 26
W 5	22 22	17 30	4 40	20 42	2 24	17 44	1 48	8 35	1 6	10 10	1 10	7 40	2 15	4 25	0 44	17 27	1 39	14 10	8 49	14 36	14 12	15 39	0 1	6 27
T 6	22 15	15 6	4 58	20 50	2 18	17 22	1 48	8 17	1 5	10 12	1 10	7 41	2 16	4 25	0 44	17 27	1 39	14 11	8 50	14 32	14 11	15 40	0 1	6 27
F 7	22 7	11 55	5 2	20 59	2 11	17 0	1 49	7 59	1 4	10 14	1 10	7 42	2 16	4 25	0 44	17 27	1 39	14 11	8 50	14 28	14 10	15 41	0 1	6 28
S 8	21 59	8 6	4 49	21 8	2 4	16 37	1 49	7 40	1 3	10 16	1 11	7 42	2 16	4 26	0 44	17 27	1 39	14 12	8 50	14 25	14 9	15 42	0 1	6 28
S 9	21 51	3 50	4 21	21 16	1 56	16 14	1 49	7 22	1 2	10 18	1 11	7 43	2 17	4 26	0 44	17 26	1 38	14 12	8 50	14 22	14 8	15 43	0 1	6 29
M10	21 42	0n41	3 37	21 25	1 48	15 51	1 50	7 3	1 1	10 20	1 11	7 44	2 17	4 27	0 44	17 26	1 38	14 13	8 51	14 21	14 7	15 44	0 2	6 29
T 11	21 33	5 13	2 41	21 33	1 40	15 27	1 50	6 45	1 0	10 22	1 11	7 45	2 17	4 27	0 44	17 26	1 38	14 13	8 51	14 20	14 6	15 46	0 2	6 29
W12	21 24	9 32	1 34	21 40	1 32	15 3	1 50	6 26	0 59	10 24	1 11	7 45	2 17	4 28	0 44	17 26	1 38	14 14	8 51	14 20	14 5	15 47	0 2	6 30
T 13	21 14	13 23	0 21	21 47	1 24	14 38	1 50	6 7	0 58	10 26	1 12	7 46	2 18	4 28	0 44	17 26	1 38	14 15	8 52	14 20	14 4	15 48	0 2	6 30
F 14	21 3	16 29	0s54	21 54	1 15	14 13	1 50	5 49	0 57	10 27	1 12	7 46	2 18	4 29	0 44	17 26	1 38	14 15	8 52	14 19	14 3	15 49	0 3	6 31
S 15	20 52	18 35	2 7	21 59	1 7	13 48	1 49	5 30	0 57	10 29	1 12	7 47	2 18	4 29	0 44	17 26	1 38	14 16	8 52	14 19	14 2	15 50	0 3	6 31
S 16	20 41	19 30	3 11	22 4	0 59	13 22	1 49	5 11	0 56	10 31	1 12	7 47	2 18	4 30	0 44	17 25	1 38	14 16	8 52	14 17	14 1	15 51	0 4	6 31
M17	20 30	19 9	4 3	22 7	0 50	12 56	1 49	4 52	0 55	10 32	1 13	7 48	2 19	4 30	0 44	17 25	1 38	14 17	8 53	14 15	14 0	15 52	0 4	6 32
T 18	20 18	17 34	4 40	22 10	0 42	12 29	1 48	4 33	0 54	10 34	1 13	7 48	2 19	4 31	0 44	17 25	1 38	14 17	8 53	14 12	13 59	15 53	0 5	6 32
W19	20 5	14 56	4 58	22 12	0 34	12 2	1 48	4 14	0 53	10 35	1 13	7 49	2 19	4 31	0 43	17 25	1 38	14 18	8 53	14 8	13 58	15 54	0 5	6 32
T 20	19 52	11 30	4 59	22 12	0 26	11 35	1 47	3 55	0 52	10 37	1 13	7 49	2 20	4 32	0 43	17 25	1 38	14 19	8 53	14 4	13 57	15 55	0 6	6 33
F 21	19 39	7 34	4 42	22 12	0 18	11 8	1 46	3 36	0 51	10 38	1 14	7 49	2 20	4 33	0 43	17 25	1 38	14 19	8 54	14 0	13 56	15 56	0 6	6 33
S 22	19 26	3 22	4 11	22 11	0 10	10 40	1 45	3 17	0 50	10 39	1 14	7 49	2 20	4 33	0 43	17 25	1 38	14 20	8 54	13 57	13 55	15 57	0 7	6 33
S 23	19 12	0s52	3 28	22 8	0 2	10 12	1 45	2 58	0 49	10 41	1 14	7 50	2 20	4 34	0 43	17 25	1 38	14 20	8 54	13 54	13 54	15 58	0 8	6 34
M24	18 58	4 58	2 36	22 4	0s 6	9 44	1 44	2 39	0 48	10 42	1 14	7 50	2 21	4 35	0 43	17 25	1 38	14 21	8 54	13 52	13 53	15 59	0 9	6 34
T 25	18 43	8 46	1 38	21 59	0 13	9 15	1 43	2 20	0 47	10 43	1 14	7 50	2 21	4 35	0 43	17 25	1 38	14 22	8 55	13 52	13 52	16 0	0 9	6 34
W26	18 28	12 8	0 36	21 53	0 20	8 46	1 41	2 1	0 46	10 44	1 15	7 50	2 21	4 36	0 43	17 25	1 38	14 22	8 55	13 51	13 51	16 1	0 10	6 35
T 27	18 13	15 0	0n27	21 46	0 28	8 17	1 40	1 42	0 46	10 45	1 15	7 50	2 22	4 37	0 43	17 25	1 38	14 23	8 55	13 51	13 50	16 2	0 11	6 35
F 28	17 57	17 14	1 28	21 38	0 35	7 48	1 39	1 22	0 45	10 46	1 15	7 50	2 22	4 37	0 43	17 25	1 37	14 24	8 55	13 51	13 49	16 3	0 12	6 35
S 29	17 41	18 44	2 26	21 28	0 41	7 19	1 37	1 3	0 44	10 47	1 15	7 50	2 22	4 38	0 43	17 25	1 37	14 24	8 56	13 51	13 48	16 4	0 13	6 36
S 30	17 25	19 25	3 18	21 18	0 48	6 49	1 36	0 44	0 43	10 47	1 16	7 50	2 22	4 39	0 43	17 25	1 37	14 25	8 56	13 49	13 47	16 5	0 14	6 36
M31	17s 8	19s12	4n 1	21s 6	0s54	6s19	1s34	0s25	0s42	10s48	1n16	7s50	2n23	4n40	0s43	17n25	1s37	14n26	8n56	13s47	13s46	16s 6	0n15	6s36

Julian Day Number = 3068440.5, Delta T = 02h35m13s
Ecliptic obliquity = 23°13'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'13, Lahiri = 47°32'13

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

FEBRUARY 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 50 31	12♒38'41	12♉51	0♒19	18♓46	1♈21	1♏50	26♎17	13♈39	25°R38	14°R 7	6°R59	7♏ 4	18♏ 7	13°R37	T 1
W 2	8 54 28	13°39'46	25°41	1°50	19°59	2° 8	1°53	26°17	13°41	25♉38	14♍ 6	6♏47	7° 1	18°13	13♍33	W 2
T 3	8 58 24	14°40'51	8♒50	3°23	21°12	2°54	1°55	26°R17	13°43	25°38	14° 5	6°33	6°57	18°20	13°30	T 3
F 4	9 2 21	15°41'57	22°15	4°55	22°25	3°41	1°57	26°17	13°45	25°D38	14° 4	6°20	6°54	18°26	13°26	F 4
S 5	9 6 17	16°43'01	5♓55	6°28	23°38	4°27	1°59	26°17	13°47	25°38	14° 2	6° 8	6°51	18°33	13°22	S 5
S 6	9 10 14	17°44'06	19°45	8° 2	24°51	5°14	2° 1	26°17	13°50	25°38	14° 1	5°59	6°48	18°40	13°18	S 6
M 7	9 14 10	18°45'10	3♈43	9°36	26° 4	6° 0	2° 2	26°16	13°52	25°38	14° 0	5°52	6°45	18°46	13°14	M 7
T 8	9 18 7	19°46'14	17°45	11°10	27°17	6°46	2° 3	26°16	13°54	25°38	13°59	5°49	6°41	18°53	13°10	T 8
W 9	9 22 3	20°47'18	1♉49	12°45	28°29	7°33	2° 4	26°15	13°57	25°38	13°57	5°D48	6°38	19° 0	13° 6	W 9
T 10	9 26 0	21°48'20	15°54	14°20	29°42	8°19	2° 5	26°15	13°59	25°38	13°56	5°R48	6°35	19° 6	13° 2	T 10
F 11	9 29 57	22°49'22	29°59	15°56	0♈54	9° 6	2° 6	26°14	14° 1	25°39	13°55	5°48	6°32	19°13	12°58	F 11
S 12	9 33 53	23°50'24	14♊ 3	17°33	2° 7	9°52	2° 7	26°13	14° 4	25°39	13°53	5°46	6°29	19°20	12°54	S 12
S 13	9 37 50	24°51'25	28° 5	19° 9	3°19	10°38	2° 7	26°12	14° 6	25°39	13°52	5°42	6°26	19°26	12°50	S 13
M14	9 41 46	25°52'25	12♋ 4	20°47	4°32	11°25	2°R 7	26°11	14° 9	25°40	13°51	5°35	6°22	19°33	12°45	M14
T 15	9 45 43	26°53'24	25°56	22°25	5°44	12°11	2° 7	26°10	14°11	25°40	13°49	5°26	6°19	19°40	12°41	T 15
W16	9 49 39	27°54'23	9♌39	24° 3	6°56	12°57	2° 7	26° 8	14°14	25°40	13°48	5°15	6°16	19°46	12°37	W16
T 17	9 53 36	28°55'21	23° 8	25°42	8° 8	13°44	2° 7	26° 7	14°17	25°41	13°46	5° 3	6°13	19°53	12°32	T 17
F 18	9 57 32	29°56'18	6♍22	27°22	9°20	14°30	2° 6	26° 5	14°19	25°41	13°45	4°52	6°10	20° 0	12°28	F 18
S 19	10 1 29	0♓57'14	19°19	29° 2	10°32	15°16	2° 5	26° 4	14°22	25°42	13°44	4°42	6° 6	20° 6	12°23	S 19
S 20	10 5 26	1°58'10	1♎57	0♓43	11°43	16° 3	2° 4	26° 2	14°25	25°42	13°42	4°35	6° 3	20°13	12°19	S 20
M21	10 9 22	2°59'06	14°18	2°25	12°55	16°49	2° 3	26° 0	14°27	25°43	13°41	4°30	6° 0	20°19	12°14	M21
T 22	10 13 19	4° 0'01	26°25	4° 7	14° 7	17°35	2° 2	25°58	14°30	25°44	13°39	4°28	5°57	20°26	12° 9	T 22
W23	10 17 15	5° 0'55	8♏21	5°50	15°18	18°21	2° 0	25°56	14°33	25°44	13°38	4°D28	5°54	20°33	12° 5	W23
T 24	10 21 12	6° 1'49	20°10	7°33	16°29	19° 7	1°58	25°54	14°36	25°45	13°37	4°28	5°51	20°39	12° 0	T 24
F 25	10 25 8	7° 2'43	1♐58	9°18	17°41	19°53	1°56	25°52	14°39	25°46	13°35	4°R29	5°47	20°46	11°55	F 25
S 26	10 29 5	8° 3'36	13°50	11° 2	18°52	20°40	1°54	25°50	14°42	25°46	13°34	4°29	5°44	20°53	11°51	S 26
S 27	10 33 1	9° 4'28	25°52	12°48	20° 3	21°26	1°52	25°47	14°45	25°47	13°32	4°27	5°41	20°59	11°46	S 27
M28	10 36 58	10♓ 5'19	8♑ 8	14♓33	21♈14	22♈12	1♏50	25♎45	14♈47	25♉48	13♍31	4♏23	5♏38	21♏ 6	11♍41	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s51	18s 3	4n35	20s53	1s 0	5s50	1s33	0s 6	0s41	10s49	1n16	7s50	2n23	4n41	0s43	17n25	1s37	14n26	8n56	13s43	13s45	16s 7	0n16	6s36
W 2	16 34	15 59	4 55	20 39	1 6	5 19	1 31	0n13	0 40	10 49	1 16	7 49	2 23	4 41	0 43	17 25	1 37	14 27	8 56	13 39	13 44	16 8	0 18	6 36
T 3	16 17	13 3	5 0	20 23	1 12	4 49	1 29	0 33	0 39	10 50	1 17	7 49	2 24	4 42	0 43	17 25	1 37	14 28	8 57	13 35	13 43	16 9	0 19	6 37
F 4	15 59	9 24	4 49	20 7	1 18	4 19	1 27	0 52	0 38	10 50	1 17	7 49	2 24	4 43	0 43	17 25	1 37	14 28	8 57	13 31	13 42	16 10	0 20	6 37
S 5	15 41	5 12	4 21	19 49	1 23	3 48	1 25	1 11	0 37	10 51	1 17	7 49	2 24	4 44	0 43	17 25	1 37	14 29	8 57	13 27	13 41	16 11	0 21	6 37
S 6	15 23	0 40	3 38	19 30	1 28	3 18	1 23	1 30	0 36	10 51	1 17	7 48	2 24	4 45	0 43	17 25	1 37	14 30	8 57	13 24	13 40	16 12	0 23	6 37
M 7	15 4	3n56	2 41	19 10	1 33	2 47	1 21	1 49	0 36	10 51	1 18	7 48	2 25	4 46	0 43	17 25	1 37	14 30	8 57	13 21	13 39	16 13	0 24	6 37
T 8	14 45	8 21	1 34	18 49	1 37	2 16	1 18	2 8	0 35	10 52	1 18	7 47	2 25	4 47	0 43	17 25	1 37	14 31	8 58	13 20	13 38	16 14	0 25	6 37
W 9	14 26	12 20	0 21	18 27	1 41	1 46	1 16	2 27	0 34	10 52	1 18	7 47	2 25	4 48	0 43	17 25	1 37	14 32	8 58	13 20	13 36	16 15	0 27	6 38
T 10	14 7	15 36	0s53	18 3	1 45	1 15	1 14	2 46	0 33	10 52	1 18	7 47	2 26	4 49	0 43	17 26	1 37	14 32	8 58	13 20	13 35	16 16	0 28	6 38
F 11	13 47	17 56	2 5	17 39	1 49	0 44	1 11	3 5	0 32	10 52	1 19	7 46	2 26	4 50	0 43	17 26	1 37	14 33	8 58	13 20	13 34	16 17	0 30	6 38
S 12	13 27	19 10	3 8	17 13	1 52	0 13	1 8	3 24	0 31	10 52	1 19	7 45	2 26	4 50	0 43	17 26	1 37	14 34	8 58	13 19	13 33	16 18	0 31	6 38
S 13	13 7	19 12	4 0	16 46	1 55	0n18	1 6	3 43	0 30	10 52	1 19	7 45	2 26	4 51	0 43	17 26	1 37	14 34	8 58	13 18	13 32	16 19	0 33	6 38
M14	12 47	18 4	4 38	16 18	1 58	0 49	1 3	4 1	0 29	10 51	1 19	7 44	2 27	4 52	0 43	17 26	1 37	14 35	8 59	13 16	13 31	16 20	0 34	6 38
T 15	12 26	15 53	4 58	15 49	2 0	1 20	1 0	4 20	0 28	10 51	1 20	7 43	2 27	4 53	0 43	17 26	1 36	14 36	8 59	13 13	13 30	16 20	0 36	6 38
W16	12 6	12 49	5 2	15 18	2 2	1 51	0 57	4 39	0 28	10 51	1 20	7 43	2 27	4 55	0 43	17 26	1 36	14 36	8 59	13 9	13 29	16 21	0 38	6 38
T 17	11 45	9 8	4 48	14 47	2 4	2 22	0 54	4 58	0 27	10 51	1 20	7 42	2 27	4 56	0 42	17 27	1 36	14 37	8 59	13 5	13 28	16 22	0 39	6 38
F 18	11 23	5 5	4 19	14 14	2 5	2 53	0 51	5 16	0 26	10 50	1 20	7 41	2 28	4 57	0 42	17 27	1 36	14 38	8 59	13 1	13 27	16 23	0 41	6 38
S 19	11 2	0 52	3 37	13 41	2 6	3 24	0 48	5 35	0 25	10 50	1 21	7 40	2 28	4 58	0 42	17 27	1 36	14 38	8 59	12 58	13 26	16 24	0 43	6 38
S 20	10 41	3s17	2 45	13 6	2 7	3 54	0 45	5 53	0 24	10 49	1 21	7 40	2 28	4 59	0 42	17 27	1 36	14 39	8 59	12 56	13 25	16 25	0 44	6 38
M21	10 19	7 13	1 46	12 30	2 7	4 25	0 41	6 12	0 23	10 48	1 21	7 39	2 28	5 0	0 42	17 27	1 36	14 40	9 0	12 54	13 24	16 26	0 46	6 38
T 22	9 57	10 46	0 43	11 53	2 7	4 56	0 38	6 30	0 22	10 48	1 21	7 38	2 29	5 1	0 42	17 27	1 36	14 40	9 0	12 54	13 23	16 27	0 48	6 38
W23	9 35	13 50	0n21	11 15	2 6	5 26	0 35	6 48	0 21	10 47	1 22	7 37	2 29	5 2	0 42	17 28	1 36	14 41	9 0	12 53	13 22	16 28	0 50	6 38
T 24	9 13	16 17	1 23	10 36	2 5	5 57	0 31	7 6	0 21	10 46	1 22	7 36	2 29	5 3	0 42	17 28	1 36	14 42	9 0	12 54	13 21	16 29	0 51	6 38
F 25	8 51	18 3	2 22	9 56	2 4	6 27	0 28	7 24	0 20	10 45	1 22	7 35	2 29	5 4	0 42	17 28	1 36	14 42	9 0	12 54	13 20	16 30	0 53	6 37
S 26	8 28	19 1	3 15	9 14	2 2	6 57	0 24	7 42	0 19	10 44	1 22	7 34	2 30	5 5	0 42	17 28	1 36	14 43	9 0	12 54	13 19	16 31	0 55	6 37
S 27	8 6	19 9	4 0	8 32	1 59	7 27	0 20	8 0	0 18	10 43	1 22	7 33	2 30	5 6	0 42	17 29	1 36	14 43	9 0	12 53	13 18	16 31	0 57	6 37
M28	7s43	18s23	4n36	7s49	1s56	7n57	0s17	8n18	0s17	10s42	1n23	7s31	2n30	5n 8	0s42	17n29	1s36	14n44	9n 0	12s52	13s17	16s32	0n59	6s37

Julian Day Number = 3068471.5, Delta T = 02h35m14s
Ecliptic obliquity = 23°13'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'17, Lahiri = 47°32'17

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

MARCH 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 40 55	11♓ 6'10	20♋43	16♓20	22♈25	22♈58	1°R47	25°R42	14♈50	25♉49	13°R29	4°R17	5♏35	21♏13	11°R37	T 1
W 2	10 44 51	12° 7'00	3♒39	18° 7	23°35	23°44	1♏44	25♎39	14°53	25°50	13♍28	4♏ 9	5°32	21°19	11♍32	W 2
T 3	10 48 48	13° 7'50	16°59	19°54	24°46	24°30	1°41	25°37	14°56	25°51	13°26	4° 0	5°28	21°26	11°27	T 3
F 4	10 52 44	14° 8'38	0♓41	21°42	25°56	25°16	1°38	25°34	15° 0	25°52	13°25	3°51	5°25	21°33	11°23	F 4
S 5	10 56 41	15° 9'25	14°42	23°29	27° 7	26° 2	1°34	25°31	15° 3	25°53	13°24	3°43	5°22	21°39	11°18	S 5
S 6	11 0 37	16°10'11	28°58	25°17	28°17	26°48	1°31	25°28	15° 6	25°54	13°22	3°37	5°19	21°46	11°13	S 6
M 7	11 4 34	17°10'56	13♈23	27° 5	29°27	27°33	1°27	25°24	15° 9	25°55	13°21	3°33	5°16	21°53	11° 9	M 7
T 8	11 8 30	18°11'40	27°52	28°53	0♉37	28°19	1°23	25°21	15°12	25°56	13°19	3°D31	5°12	21°59	11° 4	T 8
W 9	11 12 27	19°12'22	12♉20	0♈40	1°47	29° 5	1°19	25°18	15°15	25°57	13°18	3°31	5° 9	22° 6	10°59	W 9
T 10	11 16 23	20°13'03	26°41	2°27	2°57	29°51	1°15	25°15	15°18	25°58	13°16	3°33	5° 6	22°13	10°55	T 10
F 11	11 20 20	21°13'42	10♊54	4°13	4° 6	0♉37	1°10	25°11	15°22	25°59	13°15	3°34	5° 3	22°19	10°50	F 11
S 12	11 24 17	22°14'20	24°57	5°57	5°15	1°22	1° 6	25° 8	15°25	26° 0	13°13	3°R34	5° 0	22°26	10°45	S 12
S 13	11 28 13	23°14'56	8♋49	7°40	6°25	2° 8	1° 1	25° 4	15°28	26° 2	13°12	3°33	4°57	22°32	10°41	S 13
M14	11 32 10	24°15'30	22°30	9°20	7°34	2°54	0°56	25° 0	15°31	26° 3	13°11	3°30	4°53	22°39	10°36	M14
T 15	11 36 6	25°16'03	5♌59	10°58	8°43	3°39	0°51	24°57	15°34	26° 4	13° 9	3°25	4°50	22°46	10°32	T 15
W16	11 40 3	26°16'34	19°16	12°33	9°51	4°25	0°46	24°53	15°38	26° 5	13° 8	3°19	4°47	22°52	10°27	W16
T 17	11 43 59	27°17'04	2♍20	14° 4	11° 0	5°10	0°40	24°49	15°41	26° 7	13° 6	3°13	4°44	22°59	10°23	T 17
F 18	11 47 56	28°17'32	15°11	15°31	12° 8	5°56	0°35	24°45	15°44	26° 8	13° 5	3° 7	4°41	23° 6	10°19	F 18
S 19	11 51 52	29°17'58	27°48	16°53	13°16	6°41	0°29	24°41	15°48	26°10	13° 4	3° 1	4°38	23°12	10°14	S 19
S 20	11 55 49	0♈18'23	10♎12	18° 9	14°24	7°27	0°24	24°37	15°51	26°11	13° 2	2°58	4°34	23°19	10°10	S 20
M21	11 59 46	1°18'47	22°24	19°19	15°32	8°12	0°18	24°33	15°54	26°12	13° 1	2°55	4°31	23°26	10° 6	M21
T 22	12 3 42	2°19'09	4♏26	20°22	16°39	8°57	0°12	24°28	15°58	26°14	12°59	2°D55	4°28	23°32	10° 2	T 22
W23	12 7 39	3°19'29	16°19	21°18	17°47	9°43	0° 5	24°24	16° 1	26°15	12°58	2°56	4°25	23°39	9°58	W23
T 24	12 11 35	4°19'49	28° 8	22° 6	18°54	10°28	29♎59	24°20	16° 5	26°17	12°57	2°57	4°22	23°46	9°54	T 24
F 25	12 15 32	5°20'07	9♐56	22°45	20° 1	11°13	29°53	24°16	16° 8	26°19	12°55	2°59	4°18	23°52	9°50	F 25
S 26	12 19 28	6°20'23	21°48	23°15	21° 8	11°58	29°46	24°11	16°11	26°20	12°54	3° 1	4°15	23°59	9°46	S 26
S 27	12 23 25	7°20'39	3♑49	23°36	22°14	12°44	29°40	24° 7	16°15	26°22	12°53	3°R 2	4°12	24° 6	9°42	S 27
M28	12 27 21	8°20'53	16° 3	23°47	23°20	13°29	29°33	24° 2	16°18	26°23	12°52	3° 1	4° 9	24°12	9°38	M28
T 29	12 31 18	9°21'05	28°35	23°R49	24°26	14°14	29°26	23°58	16°22	26°25	12°50	3° 0	4° 6	24°19	9°34	T 29
W30	12 35 15	10°21'16	11♒30	23°42	25°32	14°59	29°19	23°53	16°25	26°27	12°49	2°58	4° 3	24°26	9°30	W30
T 31	12 39 11	11♈21'26	24♒50	23♈25	26♉38	15♉44	29♎12	23♎49	16♈28	26♉28	12♍48	2♏55	3♏59	24♏32	9♍27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s20	16s43	4n58	7s 5	1s53	8n27	0s13	8n36	0s16	10s41	1n23	7s30	2n30	5n 9	0s42	17n29	1s36	14n45	9n 0	12s50	13s16	16s33	1n 1	6s37	T 1
W 2	6 57	14 11	5 7	6 20	1 49	8 56	0 9	8 53	0 15	10 40	1 23	7 29	2 31	5 10	0 42	17 29	1 36	14 45	9 0	12 47	13 15	16 34	1 3	6 37	W 2
T 3	6 34	10 51	4 59	5 34	1 44	9 26	0 5	9 11	0 15	10 39	1 23	7 28	2 31	5 11	0 42	17 30	1 36	14 46	9 1	12 44	13 14	16 35	1 5	6 36	T 3
F 4	6 11	6 51	4 34	4 47	1 39	9 55	0 1	9 28	0 14	10 37	1 24	7 27	2 31	5 12	0 42	17 30	1 36	14 47	9 1	12 41	13 13	16 36	1 7	6 36	F 4
S 5	5 48	2 23	3 53	3 59	1 33	10 24	0n 3	9 46	0 13	10 36	1 24	7 25	2 31	5 14	0 42	17 30	1 36	14 47	9 1	12 39	13 11	16 37	1 9	6 36	S 5
S 6	5 24	2n17	2 56	3 11	1 27	10 53	0 7	10 3	0 12	10 35	1 24	7 24	2 32	5 15	0 42	17 30	1 35	14 48	9 1	12 36	13 10	16 38	1 11	6 36	S 6
M 7	5 1	6 53	1 47	2 22	1 19	11 21	0 11	10 20	0 11	10 33	1 24	7 23	2 32	5 16	0 42	17 31	1 35	14 49	9 1	12 35	13 9	16 39	1 13	6 35	M 7
T 8	4 38	11 6	0 31	1 32	1 12	11 50	0 16	10 37	0 10	10 32	1 24	7 21	2 32	5 17	0 42	17 31	1 35	14 49	9 1	12 35	13 8	16 39	1 15	6 35	T 8
W 9	4 14	14 38	0s48	0 42	1 3	12 18	0 20	10 54	0 10	10 30	1 25	7 20	2 32	5 18	0 42	17 31	1 35	14 50	9 1	12 35	13 7	16 40	1 17	6 35	W 9
T 10	3 50	17 15	2 2	0n 8	0 54	12 45	0 24	11 11	0 9	10 28	1 25	7 19	2 32	5 20	0 42	17 32	1 35	14 50	9 1	12 35	13 6	16 41	1 19	6 34	T 10
F 11	3 27	18 45	3 9	0 58	0 45	13 13	0 28	11 27	0 8	10 27	1 25	7 17	2 33	5 21	0 42	17 32	1 35	14 51	9 1	12 35	13 5	16 42	1 21	6 34	F 11
S 12	3 3	19 5	4 3	1 49	0 35	13 40	0 33	11 44	0 7	10 25	1 25	7 16	2 33	5 22	0 42	17 32	1 35	14 51	9 1	12 36	13 4	16 43	1 23	6 34	S 12
S 13	2 39	18 14	4 42	2 39	0 24	14 7	0 37	12 0	0 6	10 23	1 25	7 14	2 33	5 23	0 42	17 33	1 35	14 52	9 1	12 35	13 3	16 44	1 25	6 33	S 13
M14	2 16	16 21	5 5	3 29	0 12	14 34	0 42	12 17	0 5	10 21	1 26	7 13	2 33	5 25	0 42	17 33	1 35	14 53	9 1	12 34	13 2	16 45	1 27	6 33	M14
T 15	1 52	13 35	5 10	4 18	0 0	15 0	0 46	12 33	0 5	10 19	1 26	7 11	2 33	5 26	0 42	17 33	1 35	14 53	9 1	12 33	13 1	16 45	1 29	6 32	T 15
W16	1 28	10 10	4 59	5 6	0n13	15 26	0 51	12 49	0 4	10 17	1 26	7 10	2 34	5 27	0 42	17 34	1 35	14 54	9 1	12 31	13 0	16 46	1 31	6 32	W16
T 17	1 4	6 19	4 32	5 54	0 26	15 52	0 55	13 5	0 3	10 15	1 26	7 8	2 34	5 28	0 42	17 34	1 35	14 54	9 1	12 28	12 59	16 47	1 33	6 32	T 17
F 18	0 40	2 13	3 51	6 39	0 39	16 17	1 0	13 21	0 2	10 13	1 26	7 7	2 34	5 30	0 42	17 34	1 35	14 55	9 1	12 26	12 58	16 48	1 35	6 31	F 18
S 19	0 17	1s54	3 0	7 24	0 53	16 42	1 4	13 36	0 1	10 11	1 26	7 5	2 34	5 31	0 42	17 35	1 35	14 55	9 1	12 24	12 57	16 49	1 37	6 31	S 19
S 20	0n 7	5 52	2 1	8 6	1 7	17 7	1 9	13 52	0 1	10 9	1 27	7 3	2 34	5 32	0 42	17 35	1 35	14 56	9 1	12 23	12 56	16 50	1 39	6 30	S 20
M21	0 31	9 32	0 57	8 45	1 22	17 31	1 13	14 7	0n 0	10 7	1 27	7 2	2 34	5 34	0 42	17 35	1 35	14 56	9 1	12 22	12 55	16 50	1 41	6 30	M21
T 22	0 55	12 45	0n 8	9 22	1 36	17 55	1 18	14 22	0 1	10 5	1 27	7 0	2 34	5 35	0 42	17 36	1 35	14 57	9 1	12 22	12 54	16 51	1 43	6 29	T 22
W23	1 19	15 24	1 13	9 56	1 50	18 18	1 23	14 37	0 2	10 2	1 27	6 58	2 35	5 36	0 42	17 36	1 35	14 57	9 1	12 23	12 52	16 52	1 45	6 29	W23
T 24	1 42	17 23	2 14	10 27	2 4	18 41	1 27	14 52	0 2	10 0	1 27	6 57	2 35	5 37	0 42	17 37	1 35	14 58	9 1	12 23	12 51	16 53	1 47	6 28	T 24
F 25	2 6	18 36	3 10	10 54	2 17	19 4	1 32	15 7	0 3	9 58	1 27	6 55	2 35	5 39	0 42	17 37	1 35	14 58	9 1	12 24	12 50	16 54	1 49	6 28	F 25
S 26	2 30	19 1	3 57	11 17	2 30	19 26	1 37	15 21	0 4	9 55	1 28	6 53	2 35	5 40	0 42	17 37	1 35	14 59	9 1	12 24	12 49	16 54	1 51	6 27	S 26
S 27	2 53	18 35	4 35	11 36	2 42	19 48	1 41	15 35	0 5	9 53	1 28	6 52	2 35	5 41	0 42	17 38	1 35	14 59	9 1	12 25	12 48	16 55	1 53	6 27	S 27
M28	3 17	17 16	5 2	11 50	2 54	20 9	1 46	15 50	0 5	9 50	1 28	6 50	2 35	5 43	0 42	17 38	1 34	15 0	9 1	12 24	12 47	16 56	1 55	6 26	M28
T 29	3 40	15 7	5 14	12 0	3 3	20 30	1 51	16 4	0 6	9 48	1 28	6 48	2 35	5 44	0 42	17 39	1 34	15 0	9 1	12 24	12 46	16 57	1 57	6 25	T 29
W30	4 4	12 10	5 12	12 6	3 12	20 50	1 55	16 18	0 7	9 45	1 28	6 46	2 35	5 45	0 42	17 39	1 34	15 1	9 1	12 23	12 45	16 58	1 59	6 25	W30
T 31	4n27	8s31	4n53	12n 6	3n19	21n10	2n 0	16n31	0n 8	9s43	1n28	6s45	2n36	5n47	0s42	17n39	1s34	15n 1	9n 1	12s22	12s44	16s58	2n 1	6s24	T 31

Julian Day Number = 3068499.5, Delta T = 02h35m15s
Ecliptic obliquity = 23°13'13, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'21, Lahiri = 47°32'21

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

APRIL 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 43 8	12♈21'34	8♓36	23°R 0	27♉43	16♉29	29°R 5	23°R44	16♈32	26♉30	12°R47	2°R52	3♏56	24♏39	9°R23	F 1
S 2	12 47 4	13°21'41	22°46	22♈27	28°48	17°14	28♎58	23♎40	16°35	26°32	12♍45	2♏49	3°53	24°45	9♍20	S 2
S 3	12 51 1	14°21'45	7♈18	21°47	29°53	17°59	28°50	23°35	16°39	26°34	12°44	2°47	3°50	24°52	9°16	S 3
M 4	12 54 57	15°21'48	22° 4	21° 1	0♊57	18°43	28°43	23°30	16°42	26°35	12°43	2°46	3°47	24°59	9°13	M 4
T 5	12 58 54	16°21'50	6♉58	20°10	2° 1	19°28	28°36	23°26	16°46	26°37	12°42	2°D45	3°43	25° 5	9°10	T 5
W 6	13 2 50	17°21'49	21°52	19°15	3° 5	20°13	28°28	23°21	16°49	26°39	12°41	2°46	3°40	25°12	9° 7	W 6
T 7	13 6 47	18°21'47	6♊38	18°18	4° 9	20°58	28°21	23°16	16°52	26°41	12°39	2°47	3°37	25°19	9° 4	T 7
F 8	13 10 43	19°21'42	21°10	17°19	5°12	21°42	28°13	23°11	16°56	26°43	12°38	2°48	3°34	25°25	9° 1	F 8
S 9	13 14 40	20°21'36	5♋25	16°21	6°15	22°27	28° 5	23° 7	16°59	26°45	12°37	2°49	3°31	25°32	8°58	S 9
S 10	13 18 37	21°21'27	19°21	15°25	7°18	23°11	27°58	23° 2	17° 3	26°47	12°36	2°R49	3°28	25°39	8°55	S 10
M11	13 22 33	22°21'16	2♌57	14°31	8°20	23°56	27°50	22°57	17° 6	26°49	12°35	2°49	3°24	25°45	8°52	M11
T 12	13 26 30	23°21'03	16°14	13°41	9°22	24°40	27°42	22°52	17°10	26°51	12°34	2°49	3°21	25°52	8°50	T 12
W13	13 30 26	24°20'48	29°14	12°55	10°23	25°25	27°35	22°48	17°13	26°52	12°33	2°48	3°18	25°59	8°47	W13
T 14	13 34 23	25°20'30	11♍58	12°14	11°25	26° 9	27°27	22°43	17°16	26°54	12°32	2°47	3°15	26° 5	8°45	T 14
F 15	13 38 19	26°20'10	24°29	11°38	12°25	26°54	27°19	22°38	17°20	26°56	12°31	2°46	3°12	26°12	8°42	F 15
S 16	13 42 16	27°19'49	6♎48	11° 9	13°26	27°38	27°11	22°33	17°23	26°58	12°30	2°45	3° 9	26°19	8°40	S 16
S 17	13 46 12	28°19'25	18°57	10°45	14°26	28°22	27° 4	22°29	17°27	27° 1	12°29	2°45	3° 5	26°25	8°38	S 17
M18	13 50 9	29°18'59	0♏58	10°27	15°25	29° 6	26°56	22°24	17°30	27° 3	12°28	2°D44	3° 2	26°32	8°36	M18
T 19	13 54 6	0♉18'32	12°53	10°16	16°24	29°50	26°48	22°19	17°33	27° 5	12°27	2°44	2°59	26°39	8°34	T 19
W20	13 58 2	1°18'03	24°43	10°D10	17°23	0♊35	26°40	22°15	17°37	27° 7	12°26	2°45	2°56	26°45	8°32	W20
T 21	14 1 59	2°17'32	6♐32	10°11	18°21	1°19	26°33	22°10	17°40	27° 9	12°26	2°R45	2°53	26°52	8°31	T 21
F 22	14 5 55	3°16'59	18°21	10°17	19°18	2° 3	26°25	22° 5	17°44	27°11	12°25	2°45	2°49	26°59	8°29	F 22
S 23	14 9 52	4°16'24	0♑15	10°28	20°16	2°47	26°17	22° 1	17°47	27°13	12°24	2°45	2°46	27° 5	8°27	S 23
S 24	14 13 48	5°15'48	12°16	10°45	21°12	3°30	26°10	21°56	17°50	27°15	12°23	2°44	2°43	27°12	8°26	S 24
M25	14 17 45	6°15'10	24°29	11° 7	22° 8	4°14	26° 2	21°52	17°53	27°17	12°22	2°44	2°40	27°19	8°25	M25
T 26	14 21 41	7°14'30	6♒59	11°33	23° 4	4°58	25°55	21°47	17°57	27°19	12°22	2°D44	2°37	27°25	8°24	T 26
W27	14 25 38	8°13'48	19°48	12° 4	23°59	5°42	25°47	21°43	18° 0	27°22	12°21	2°44	2°34	27°32	8°22	W27
T 28	14 29 34	9°13'05	3♓ 1	12°39	24°53	6°26	25°40	21°38	18° 3	27°24	12°20	2°45	2°30	27°39	8°21	T 28
F 29	14 33 31	10°12'20	16°40	13°18	25°47	7° 9	25°32	21°34	18° 7	27°26	12°20	2°45	2°27	27°45	8°21	F 29
S 30	14 37 28	11♉11'33	0♈46	14♈ 1	26♊40	7♊53	25♎25	21♎29	18♈10	27♉28	12♍19	2♏46	2♏24	27♏52	8♍20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n50	4s18	4n16	12n 2	3n25	21n30	2n 5	16n45	0n 8	9s40	1n28	6s43	2n36	5n48	0s42	17n40	1s34	15n 2	9n 1	12s21	12s43	16s59	2n 2	6s24
S 2	5 14	0n17	3 23	11 53	3 28	21 49	2 9	16 58	0 9	9 38	1 28	6 41	2 36	5 49	0 42	17 40	1 34	15 2	9 1	12 20	12 42	17 0	2 4	6 23
S 3	5 37	4 58	2 16	11 40	3 30	22 7	2 14	17 11	0 10	9 35	1 28	6 39	2 36	5 50	0 42	17 41	1 34	15 2	9 1	12 20	12 41	17 1	2 6	6 22
M 4	6 0	9 26	0 59	11 22	3 30	22 25	2 19	17 24	0 11	9 32	1 28	6 38	2 36	5 52	0 42	17 41	1 34	15 3	9 1	12 19	12 40	17 2	2 8	6 22
T 5	6 23	13 21	0s23	11 1	3 27	22 43	2 23	17 37	0 11	9 30	1 29	6 36	2 36	5 53	0 42	17 42	1 34	15 3	9 1	12 19	12 39	17 2	2 10	6 21
W 6	6 45	16 23	1 44	10 36	3 23	23 0	2 28	17 50	0 12	9 27	1 29	6 34	2 36	5 54	0 42	17 42	1 34	15 4	9 1	12 19	12 38	17 3	2 12	6 20
T 7	7 8	18 19	2 57	10 8	3 17	23 16	2 32	18 2	0 13	9 24	1 29	6 32	2 36	5 56	0 42	17 43	1 34	15 4	9 0	12 20	12 37	17 4	2 13	6 20
F 8	7 31	18 59	3 57	9 39	3 8	23 32	2 37	18 14	0 13	9 22	1 29	6 31	2 36	5 57	0 42	17 43	1 34	15 4	9 0	12 20	12 35	17 5	2 15	6 19
S 9	7 53	18 25	4 42	9 8	2 59	23 48	2 41	18 27	0 14	9 19	1 29	6 29	2 36	5 58	0 42	17 43	1 34	15 5	9 0	12 20	12 34	17 5	2 17	6 18
S 10	8 15	16 45	5 9	8 35	2 47	24 3	2 46	18 38	0 15	9 16	1 29	6 27	2 36	6 0	0 42	17 44	1 34	15 5	9 0	12 20	12 33	17 6	2 18	6 18
M11	8 37	14 10	5 17	8 3	2 35	24 17	2 50	18 50	0 16	9 13	1 29	6 25	2 36	6 1	0 42	17 44	1 34	15 5	9 0	12 20	12 32	17 7	2 20	6 17
T 12	8 59	10 54	5 9	7 31	2 21	24 31	2 54	19 2	0 16	9 11	1 29	6 23	2 36	6 2	0 42	17 45	1 34	15 6	9 0	12 20	12 31	17 8	2 22	6 16
W13	9 21	7 11	4 44	7 0	2 6	24 45	2 59	19 13	0 17	9 8	1 29	6 22	2 36	6 4	0 42	17 45	1 34	15 6	9 0	12 20	12 30	17 8	2 23	6 15
T 14	9 43	3 12	4 6	6 30	1 51	24 58	3 3	19 24	0 18	9 5	1 29	6 20	2 36	6 5	0 42	17 46	1 34	15 6	9 0	12 19	12 29	17 9	2 25	6 15
F 15	10 4	0s51	3 17	6 2	1 36	25 10	3 7	19 35	0 18	9 2	1 29	6 18	2 36	6 6	0 42	17 46	1 34	15 7	9 0	12 19	12 28	17 10	2 26	6 14
S 16	10 26	4 49	2 19	5 36	1 20	25 22	3 11	19 45	0 19	9 0	1 29	6 16	2 36	6 7	0 42	17 47	1 34	15 7	9 0	12 19	12 27	17 11	2 28	6 13
S 17	10 47	8 32	1 16	5 12	1 4	25 33	3 15	19 56	0 20	8 57	1 29	6 15	2 36	6 9	0 42	17 47	1 34	15 7	8 59	12 19	12 26	17 11	2 29	6 12
M18	11 8	11 52	0 10	4 51	0 49	25 44	3 19	20 6	0 20	8 54	1 29	6 13	2 36	6 10	0 42	17 48	1 34	15 7	8 59	12 19	12 25	17 12	2 31	6 12
T 19	11 29	14 40	0n56	4 32	0 33	25 54	3 23	20 16	0 21	8 51	1 29	6 11	2 36	6 11	0 42	17 48	1 34	15 8	8 59	12 19	12 24	17 13	2 32	6 11
W20	11 49	16 51	1 59	4 16	0 18	26 4	3 27	20 26	0 21	8 49	1 29	6 10	2 36	6 13	0 42	17 49	1 34	15 8	8 59	12 19	12 23	17 13	2 34	6 10
T 21	12 10	18 17	2 57	4 3	0 3	26 13	3 31	20 36	0 22	8 46	1 29	6 8	2 36	6 14	0 42	17 49	1 34	15 8	8 59	12 19	12 21	17 14	2 35	6 9
F 22	12 30	18 56	3 47	3 52	0s11	26 21	3 35	20 45	0 23	8 43	1 29	6 6	2 36	6 15	0 42	17 50	1 34	15 8	8 59	12 19	12 20	17 15	2 36	6 8
S 23	12 50	18 45	4 28	3 44	0 25	26 30	3 38	20 54	0 23	8 40	1 29	6 5	2 36	6 16	0 42	17 50	1 34	15 8	8 59	12 19	12 19	17 16	2 38	6 8
S 24	13 9	17 43	4 58	3 38	0 38	26 37	3 42	21 3	0 24	8 38	1 29	6 3	2 36	6 18	0 42	17 51	1 34	15 9	8 59	12 19	12 18	17 16	2 39	6 7
M25	13 29	15 52	5 15	3 35	0 50	26 44	3 45	21 12	0 25	8 35	1 29	6 1	2 36	6 19	0 42	17 51	1 34	15 9	8 58	12 19	12 17	17 17	2 40	6 6
T 26	13 48	13 14	5 17	3 34	1 2	26 51	3 48	21 21	0 25	8 32	1 29	6 0	2 36	6 20	0 42	17 52	1 34	15 9	8 58	12 19	12 16	17 18	2 41	6 5
W27	14 7	9 55	5 4	3 36	1 14	26 56	3 52	21 29	0 26	8 30	1 29	5 58	2 36	6 21	0 42	17 52	1 34	15 9	8 58	12 19	12 15	17 18	2 43	6 4
T 28	14 26	6 1	4 35	3 40	1 24	27 2	3 55	21 37	0 26	8 27	1 29	5 56	2 36	6 23	0 42	17 53	1 34	15 9	8 58	12 19	12 14	17 19	2 44	6 4
F 29	14 45	1 41	3 49	3 45	1 34	27 7	3 58	21 45	0 27	8 25	1 29	5 55	2 36	6 24	0 42	17 53	1 34	15 9	8 58	12 19	12 13	17 20	2 45	6 3
S 30	15n 3	2n53	2n49	3n53	1s44	27n11	4n 1	21n53	0n28	8s22	1n28	5s53	2n36	6n25	0s42	17n54	1s34	15n 9	8n58	12s19	12s12	17s20	2n46	6s 2

Julian Day Number = 3068530.5, Delta T = 02h35m16s
Ecliptic obliquity = 23°13'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'25, Lahiri = 47°32'25

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

MAY 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 41 24	12♉10'45	15♈18	14♈48	27♊32	8♊37	25°R18	21°R25	18♈13	27♉30	12°R18	2♏46	2♏21	27♏59	8°R19	S 1
M 2	14 45 21	13° 9'55	0♉10	15°38	28°24	9°20	25♎11	21♎21	18°16	27°33	12♍18	2°R47	2°18	28° 5	8♍19	M 2
T 3	14 49 17	14° 9'03	15°16	16°31	29°15	10° 4	25° 4	21°17	18°19	27°35	12°17	2°47	2°15	28°12	8°18	T 3
W 4	14 53 14	15° 8'09	0♊27	17°27	0♋ 5	10°47	24°57	21°12	18°23	27°37	12°17	2°46	2°11	28°18	8°18	W 4
T 5	14 57 10	16° 7'13	15°33	18°26	0°55	11°30	24°50	21° 8	18°26	27°39	12°16	2°44	2° 8	28°25	8°18	T 5
F 6	15 1 7	17° 6'15	0♋26	19°28	1°44	12°14	24°43	21° 4	18°29	27°41	12°16	2°43	2° 5	28°32	8°D18	F 6
S 7	15 5 3	18° 5'15	14°59	20°32	2°32	12°57	24°36	21° 0	18°32	27°44	12°15	2°41	2° 2	28°38	8°18	S 7
S 8	15 9 0	19° 4'13	29° 7	21°39	3°19	13°40	24°30	20°56	18°35	27°46	12°15	2°40	1°59	28°45	8°18	S 8
M 9	15 12 57	20° 3'08	12♌49	22°48	4° 5	14°24	24°23	20°53	18°38	27°48	12°14	2°39	1°55	28°52	8°18	M 9
T 10	15 16 53	21° 2'01	26° 6	24° 0	4°50	15° 7	24°17	20°49	18°41	27°50	12°14	2°D39	1°52	28°58	8°18	T 10
W11	15 20 50	22° 0'52	9♍ 0	25°14	5°35	15°50	24°11	20°45	18°44	27°53	12°14	2°39	1°49	29° 5	8°19	W11
T 12	15 24 46	22°59'41	21°34	26°30	6°18	16°33	24° 5	20°41	18°47	27°55	12°13	2°41	1°46	29°12	8°19	T 12
F 13	15 28 43	23°58'27	3♎53	27°48	7° 0	17°16	23°59	20°38	18°50	27°57	12°13	2°42	1°43	29°18	8°20	F 13
S 14	15 32 39	24°57'12	15°59	29° 8	7°41	17°59	23°53	20°34	18°53	27°59	12°13	2°44	1°40	29°25	8°21	S 14
S 15	15 36 36	25°55'54	27°57	0♉31	8°21	18°42	23°47	20°31	18°56	28° 2	12°13	2°R45	1°36	29°32	8°22	S 15
M16	15 40 32	26°54'35	9♏49	1°55	9° 0	19°25	23°42	20°28	18°59	28° 4	12°12	2°44	1°33	29°38	8°23	M16
T 17	15 44 29	27°53'13	21°39	3°21	9°38	20° 7	23°36	20°24	19° 2	28° 6	12°12	2°43	1°30	29°45	8°24	T 17
W18	15 48 26	28°51'50	3♐27	4°49	10°14	20°50	23°31	20°21	19° 5	28° 9	12°12	2°40	1°27	29°52	8°25	W18
T 19	15 52 22	29°50'25	15°18	6°18	10°49	21°33	23°26	20°18	19° 7	28°11	12°12	2°37	1°24	29°58	8°26	T 19
F 20	15 56 19	0♊48'58	27°11	7°50	11°23	22°16	23°21	20°15	19°10	28°13	12°12	2°32	1°20	0♐ 5	8°28	F 20
S 21	16 0 15	1°47'29	9♑10	9°23	11°55	22°58	23°16	20°12	19°13	28°15	12°12	2°27	1°17	0°12	8°29	S 21
S 22	16 4 12	2°45'59	21°17	10°59	12°26	23°41	23°12	20° 9	19°16	28°18	12°12	2°22	1°14	0°18	8°31	S 22
M23	16 8 8	3°44'27	3♒34	12°36	12°56	24°23	23° 7	20° 6	19°18	28°20	12°D12	2°18	1°11	0°25	8°33	M23
T 24	16 12 5	4°42'54	16° 4	14°14	13°23	25° 6	23° 3	20° 4	19°21	28°22	12°12	2°15	1° 8	0°32	8°35	T 24
W25	16 16 1	5°41'19	28°51	15°55	13°49	25°48	22°58	20° 1	19°24	28°24	12°12	2°13	1° 5	0°38	8°37	W25
T 26	16 19 58	6°39'42	11♓58	17°37	14°14	26°31	22°54	19°58	19°26	28°27	12°12	2°D13	1° 1	0°45	8°39	T 26
F 27	16 23 55	7°38'04	25°28	19°21	14°37	27°13	22°51	19°56	19°29	28°29	12°12	2°14	0°58	0°52	8°41	F 27
S 28	16 27 51	8°36'25	9♈23	21° 7	14°58	27°55	22°47	19°54	19°31	28°31	12°12	2°16	0°55	0°58	8°43	S 28
S 29	16 31 48	9°34'44	23°43	22°55	15°17	28°38	22°43	19°51	19°34	28°33	12°12	2°17	0°52	1° 5	8°46	S 29
M30	16 35 44	10°33'02	8♉26	24°45	15°34	29°20	22°40	19°49	19°36	28°36	12°12	2°R17	0°49	1°12	8°48	M30
T 31	16 39 41	11♊31'18	23♉28	26♉36	15♋49	0♋ 2	22♎37	19♎47	19♈39	28♉38	12♍13	2♏15	0♏46	1♐18	8♍51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n21	7n26	1n36	4n 3	1s52	27n15	4n 3	22n 0	0n28	8s20	1n28	5s52	2n36	6n26	0s42	17n54	1s34	15n10	8n58	12s19	12s11	17s21	2n47	6s 1
M 2	15 39	11 39	0 15	4 14	2 0	27 19	4 6	22 7	0 29	8 17	1 28	5 50	2 36	6 27	0 42	17 55	1 34	15 10	8 57	12 20	12 10	17 22	2 48	6 0
T 3	15 56	15 10	1s 9	4 28	2 8	27 22	4 9	22 14	0 29	8 15	1 28	5 49	2 36	6 29	0 42	17 55	1 33	15 10	8 57	12 19	12 9	17 22	2 49	5 59
W 4	16 14	17 39	2 28	4 43	2 15	27 24	4 11	22 21	0 30	8 12	1 28	5 47	2 36	6 30	0 42	17 56	1 33	15 10	8 57	12 19	12 7	17 23	2 50	5 58
T 5	16 31	18 52	3 36	4 59	2 21	27 26	4 13	22 28	0 31	8 10	1 28	5 46	2 35	6 31	0 42	17 56	1 33	15 10	8 57	12 19	12 6	17 24	2 51	5 58
F 6	16 47	18 45	4 28	5 17	2 27	27 28	4 15	22 34	0 31	8 7	1 28	5 45	2 35	6 32	0 42	17 57	1 33	15 10	8 57	12 18	12 5	17 24	2 51	5 57
S 7	17 4	17 23	5 2	5 36	2 32	27 29	4 17	22 40	0 32	8 5	1 28	5 43	2 35	6 33	0 42	17 57	1 33	15 10	8 57	12 18	12 4	17 25	2 52	5 56
S 8	17 20	14 59	5 16	5 57	2 36	27 30	4 19	22 46	0 32	8 3	1 28	5 42	2 35	6 34	0 42	17 58	1 33	15 10	8 57	12 17	12 3	17 26	2 53	5 55
M 9	17 36	11 49	5 12	6 19	2 40	27 30	4 20	22 52	0 33	8 1	1 28	5 41	2 35	6 35	0 42	17 58	1 33	15 10	8 56	12 17	12 2	17 26	2 54	5 54
T 10	17 51	8 8	4 51	6 42	2 43	27 30	4 22	22 57	0 33	7 58	1 27	5 39	2 35	6 37	0 42	17 59	1 33	15 10	8 56	12 17	12 1	17 27	2 54	5 53
W11	18 6	4 10	4 15	7 6	2 46	27 29	4 23	23 2	0 34	7 56	1 27	5 38	2 35	6 38	0 42	17 59	1 33	15 10	8 56	12 17	12 0	17 28	2 55	5 53
T 12	18 21	0 7	3 28	7 31	2 48	27 28	4 24	23 7	0 34	7 54	1 27	5 37	2 35	6 39	0 42	18 0	1 33	15 10	8 56	12 17	11 59	17 28	2 56	5 52
F 13	18 36	3s52	2 33	7 58	2 49	27 27	4 25	23 12	0 35	7 52	1 27	5 36	2 35	6 40	0 42	18 0	1 33	15 10	8 56	12 18	11 58	17 29	2 56	5 51
S 14	18 50	7 38	1 31	8 25	2 50	27 25	4 26	23 16	0 36	7 50	1 27	5 34	2 34	6 41	0 42	18 1	1 33	15 10	8 56	12 18	11 57	17 30	2 57	5 50
S 15	19 4	11 4	0 26	8 53	2 50	27 23	4 26	23 21	0 36	7 48	1 27	5 33	2 34	6 42	0 42	18 1	1 33	15 10	8 55	12 19	11 55	17 30	2 57	5 49
M16	19 17	14 0	0n39	9 22	2 50	27 21	4 26	23 25	0 37	7 46	1 26	5 32	2 34	6 43	0 42	18 2	1 33	15 10	8 55	12 19	11 54	17 31	2 57	5 48
T 17	19 30	16 22	1 42	9 51	2 50	27 18	4 26	23 28	0 37	7 45	1 26	5 31	2 34	6 44	0 42	18 2	1 33	15 10	8 55	12 18	11 53	17 32	2 58	5 47
W18	19 43	18 1	2 41	10 22	2 48	27 15	4 26	23 32	0 38	7 43	1 26	5 30	2 34	6 45	0 42	18 3	1 33	15 9	8 55	12 17	11 52	17 32	2 58	5 47
T 19	19 56	18 53	3 33	10 53	2 46	27 12	4 25	23 35	0 38	7 41	1 26	5 29	2 34	6 46	0 42	18 3	1 33	15 9	8 55	12 16	11 51	17 33	2 58	5 46
F 20	20 8	18 56	4 16	11 24	2 44	27 8	4 25	23 38	0 39	7 40	1 26	5 28	2 33	6 47	0 42	18 4	1 33	15 9	8 54	12 14	11 50	17 33	2 59	5 45
S 21	20 20	18 8	4 48	11 56	2 41	27 4	4 24	23 41	0 39	7 38	1 26	5 27	2 33	6 48	0 42	18 4	1 33	15 9	8 54	12 13	11 49	17 34	2 59	5 44
S 22	20 31	16 30	5 7	12 29	2 38	27 0	4 22	23 44	0 40	7 36	1 25	5 26	2 33	6 49	0 42	18 5	1 33	15 9	8 54	12 11	11 48	17 35	2 59	5 43
M23	20 42	14 6	5 13	13 2	2 34	26 55	4 21	23 46	0 40	7 35	1 25	5 25	2 33	6 50	0 42	18 5	1 33	15 9	8 54	12 10	11 47	17 35	2 59	5 42
T 24	20 53	11 2	5 4	13 35	2 30	26 51	4 19	23 48	0 41	7 34	1 25	5 25	2 33	6 51	0 42	18 6	1 33	15 9	8 54	12 9	11 46	17 36	2 59	5 41
W25	21 3	7 23	4 40	14 8	2 25	26 46	4 16	23 50	0 41	7 32	1 25	5 24	2 33	6 52	0 42	18 6	1 33	15 8	8 54	12 8	11 45	17 36	2 59	5 41
T 26	21 13	3 17	4 1	14 42	2 19	26 40	4 14	23 52	0 42	7 31	1 25	5 23	2 32	6 53	0 42	18 7	1 33	15 8	8 53	12 8	11 43	17 37	2 59	5 40
F 27	21 23	1n 5	3 7	15 16	2 13	26 35	4 11	23 53	0 42	7 30	1 24	5 22	2 32	6 54	0 42	18 7	1 33	15 8	8 53	12 8	11 42	17 38	2 59	5 39
S 28	21 32	5 33	2 2	15 50	2 7	26 29	4 8	23 55	0 43	7 28	1 24	5 22	2 32	6 55	0 42	18 8	1 33	15 8	8 53	12 9	11 41	17 38	2 59	5 38
S 29	21 41	9 51	0 47	16 23	2 0	26 24	4 4	23 56	0 43	7 27	1 24	5 21	2 32	6 56	0 42	18 8	1 33	15 8	8 53	12 9	11 40	17 39	2 59	5 37
M30	21 49	13 39	0s34	16 57	1 53	26 18	4 0	23 57	0 43	7 26	1 24	5 20	2 32	6 57	0 42	18 9	1 33	15 7	8 53	12 9	11 39	17 39	2 59	5 36
T 31	21n57	16n39	1s53	17n30	1s45	26n11	3n56	23n57	0n44	7s25	1n24	5s20	2n31	6n58	0s42	18n 9	1s33	15n 7	8n53	12s 9	11s38	17s40	2n59	5s36

Julian Day Number = 3068560.5, Delta T = 02h35m17s
Ecliptic obliquity = 23°13'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'29, Lahiri = 47°32'30

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

JUNE 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 43 37	12♊29'33	8♊40	28♉30	16♋ 2	0♋44	22°R34	19°R45	19♈41	28♉40	12♍13	2°R12	0♏42	1♐25	8♍53	W 1
T 2	16 47 34	13°27'46	23°52	0♊25	16°13	1°26	22♎31	19♎43	19°44	28°42	12°13	2♏ 7	0°39	1°32	8°56	T 2
F 3	16 51 30	14°25'58	8♋56	2°22	16°22	2° 8	22°28	19°42	19°46	28°44	12°13	2° 1	0°36	1°38	8°59	F 3
S 4	16 55 27	15°24'07	23°41	4°20	16°29	2°50	22°26	19°40	19°48	28°47	12°14	1°54	0°33	1°45	9° 2	S 4
S 5	16 59 24	16°22'15	8♌ 1	6°21	16°34	3°32	22°23	19°38	19°50	28°49	12°14	1°48	0°30	1°52	9° 5	S 5
M 6	17 3 20	17°20'21	21°52	8°23	16°R36	4°14	22°21	19°37	19°53	28°51	12°14	1°44	0°26	1°58	9° 9	M 6
T 7	17 7 17	18°18'25	5♍14	10°27	16°35	4°56	22°19	19°36	19°55	28°53	12°15	1°41	0°23	2° 5	9°12	T 7
W 8	17 11 13	19°16'28	18° 9	12°32	16°33	5°38	22°18	19°34	19°57	28°55	12°15	1°D40	0°20	2°12	9°15	W 8
T 9	17 15 10	20°14'28	0♎42	14°39	16°28	6°20	22°16	19°33	19°59	28°57	12°16	1°41	0°17	2°18	9°19	T 9
F 10	17 19 6	21°12'27	12°57	16°47	16°20	7° 1	22°15	19°32	20° 1	29° 0	12°16	1°42	0°14	2°25	9°22	F 10
S 11	17 23 3	22°10'24	24°58	18°56	16°10	7°43	22°13	19°31	20° 3	29° 2	12°17	1°43	0°11	2°32	9°26	S 11
S 12	17 26 59	23° 8'20	6♏51	21° 6	15°58	8°24	22°12	19°30	20° 5	29° 4	12°17	1°R43	0° 7	2°38	9°30	S 12
M13	17 30 56	24° 6'13	18°39	23°17	15°43	9° 6	22°12	19°29	20° 7	29° 6	12°18	1°41	0° 4	2°45	9°34	M13
T 14	17 34 53	25° 4'06	0♐27	25°28	15°26	9°48	22°11	19°29	20° 9	29° 8	12°18	1°38	0° 1	2°52	9°38	T 14
W15	17 38 49	26° 1'57	12°17	27°40	15° 6	10°29	22°10	19°28	20°11	29°10	12°19	1°31	29♎58	2°58	9°42	W15
T 16	17 42 46	26°59'46	24°11	29°52	14°44	11°11	22°10	19°28	20°13	29°12	12°20	1°23	29°55	3° 5	9°46	T 16
F 17	17 46 42	27°57'34	6♑12	2♋ 3	14°20	11°52	22°D10	19°27	20°14	29°14	12°20	1°13	29°52	3°12	9°50	F 17
S 18	17 50 39	28°55'21	18°21	4°14	13°54	12°33	22°10	19°27	20°16	29°16	12°21	1° 2	29°48	3°18	9°55	S 18
S 19	17 54 35	29°53'07	0♒38	6°24	13°26	13°15	22°10	19°27	20°18	29°18	12°22	0°52	29°45	3°25	9°59	S 19
M20	17 58 32	0♋50'51	13° 6	8°33	12°56	13°56	22°11	19°D27	20°19	29°20	12°23	0°43	29°42	3°32	10° 4	M20
T 21	18 2 29	1°48'34	25°45	10°41	12°24	14°37	22°11	19°27	20°21	29°22	12°23	0°35	29°39	3°38	10° 8	T 21
W22	18 6 25	2°46'17	8♓37	12°47	11°51	15°18	22°12	19°27	20°23	29°24	12°24	0°31	29°36	3°45	10°13	W22
T 23	18 10 22	3°43'58	21°45	14°52	11°17	15°59	22°13	19°28	20°24	29°26	12°25	0°28	29°32	3°52	10°18	T 23
F 24	18 14 18	4°41'38	5♈11	16°54	10°41	16°40	22°14	19°28	20°26	29°28	12°26	0°D27	29°29	3°58	10°23	F 24
S 25	18 18 15	5°39'18	18°56	18°54	10° 5	17°22	22°15	19°28	20°27	29°30	12°27	0°28	29°26	4° 5	10°28	S 25
S 26	18 22 11	6°36'57	3♉ 3	20°52	9°28	18° 3	22°17	19°29	20°28	29°32	12°28	0°R28	29°23	4°12	10°33	S 26
M27	18 26 8	7°34'35	17°30	22°48	8°51	18°44	22°18	19°30	20°30	29°34	12°29	0°27	29°20	4°18	10°38	M27
T 28	18 30 4	8°32'12	2♊16	24°41	8°13	19°25	22°20	19°30	20°31	29°36	12°30	0°24	29°17	4°25	10°43	T 28
W29	18 34 1	9°29'49	17°14	26°31	7°36	20° 5	22°22	19°31	20°32	29°38	12°30	0°18	29°13	4°32	10°48	W29
T 30	18 37 58	10♋27'25	2♋16	28♋19	6♋58	20♋46	22♎24	19♎32	20♈33	29♉39	12♍31	0♏10	29♎10	4♐38	10♍54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 5	18n30	3s 5	18n 3	1s37	26n 5	3n51	23n57	0n44	7s24	1n23	5s19	2n31	6n59	0s42	18n10	1s33	15n 7	8n52	12s 8	11s37	17s41	2n59	5s35
T 2	22 12	19 1	4 4	18 36	1 29	25 59	3 46	23 57	0 45	7 24	1 23	5 19	2 31	7 0	0 42	18 10	1 33	15 7	8 52	12 6	11 36	17 41	2 58	5 34
F 3	22 19	18 11	4 45	19 8	1 20	25 52	3 40	23 57	0 45	7 23	1 23	5 18	2 31	7 0	0 42	18 10	1 34	15 6	8 52	12 4	11 35	17 42	2 58	5 33
S 4	22 26	16 8	5 6	19 39	1 11	25 45	3 34	23 57	0 46	7 22	1 23	5 18	2 31	7 1	0 42	18 11	1 34	15 6	8 52	12 2	11 34	17 42	2 58	5 32
S 5	22 32	13 8	5 8	20 10	1 1	25 38	3 27	23 56	0 46	7 21	1 23	5 17	2 30	7 2	0 42	18 11	1 34	15 6	8 52	12 0	11 32	17 43	2 57	5 32
M 6	22 37	9 30	4 51	20 39	0 51	25 31	3 20	23 56	0 47	7 21	1 22	5 17	2 30	7 3	0 42	18 12	1 34	15 5	8 51	11 58	11 31	17 43	2 57	5 31
T 7	22 43	5 30	4 18	21 8	0 41	25 23	3 13	23 55	0 47	7 20	1 22	5 17	2 30	7 4	0 42	18 12	1 34	15 5	8 51	11 57	11 30	17 44	2 56	5 30
W 8	22 47	1 21	3 34	21 35	0 31	25 16	3 5	23 53	0 47	7 20	1 22	5 16	2 30	7 4	0 42	18 13	1 34	15 5	8 51	11 57	11 29	17 44	2 56	5 29
T 9	22 52	2s43	2 40	22 0	0 21	25 8	2 56	23 52	0 48	7 20	1 22	5 16	2 30	7 5	0 42	18 13	1 34	15 4	8 51	11 57	11 28	17 45	2 55	5 28
F 10	22 56	6 36	1 40	22 24	0 10	25 0	2 48	23 50	0 48	7 19	1 21	5 16	2 29	7 6	0 43	18 14	1 34	15 4	8 51	11 57	11 27	17 46	2 55	5 28
S 11	22 59	10 9	0 36	22 46	0n 0	24 52	2 38	23 48	0 49	7 19	1 21	5 16	2 29	7 7	0 43	18 14	1 34	15 4	8 51	11 58	11 26	17 46	2 54	5 27
S 12	23 3	13 14	0n28	23 6	0 11	24 44	2 28	23 46	0 49	7 19	1 21	5 16	2 29	7 7	0 43	18 14	1 34	15 3	8 50	11 58	11 25	17 47	2 54	5 26
M13	23 5	15 46	1 30	23 24	0 21	24 35	2 18	23 44	0 49	7 19	1 21	5 16	2 29	7 8	0 43	18 15	1 34	15 3	8 50	11 57	11 24	17 47	2 53	5 25
T 14	23 8	17 38	2 28	23 40	0 31	24 26	2 7	23 41	0 50	7 19	1 21	5 16	2 28	7 9	0 43	18 15	1 34	15 3	8 50	11 56	11 23	17 48	2 52	5 24
W15	23 10	18 45	3 20	23 53	0 41	24 17	1 56	23 39	0 50	7 19	1 20	5 16	2 28	7 9	0 43	18 16	1 34	15 2	8 50	11 54	11 21	17 48	2 51	5 24
T 16	23 11	19 2	4 3	24 4	0 51	24 8	1 44	23 36	0 51	7 19	1 20	5 16	2 28	7 10	0 43	18 16	1 34	15 2	8 50	11 51	11 20	17 49	2 50	5 23
F 17	23 12	18 28	4 36	24 12	1 0	23 59	1 32	23 32	0 51	7 19	1 20	5 16	2 28	7 11	0 43	18 17	1 34	15 1	8 50	11 47	11 19	17 49	2 50	5 22
S 18	23 13	17 4	4 57	24 18	1 9	23 49	1 19	23 29	0 51	7 19	1 20	5 16	2 28	7 11	0 43	18 17	1 34	15 1	8 49	11 44	11 18	17 50	2 49	5 21
S 19	23 13	14 52	5 4	24 21	1 17	23 39	1 6	23 25	0 52	7 20	1 19	5 16	2 27	7 12	0 43	18 17	1 34	15 0	8 49	11 40	11 17	17 50	2 48	5 21
M20	23 13	11 58	4 57	24 22	1 25	23 29	0 53	23 22	0 52	7 20	1 19	5 16	2 27	7 13	0 43	18 18	1 34	15 0	8 49	11 37	11 16	17 51	2 47	5 20
T 21	23 12	8 29	4 36	24 19	1 32	23 18	0 40	23 18	0 52	7 20	1 19	5 16	2 27	7 13	0 43	18 18	1 34	15 0	8 49	11 34	11 15	17 51	2 46	5 19
W22	23 11	4 33	4 0	24 15	1 39	23 7	0 26	23 13	0 53	7 21	1 19	5 17	2 27	7 14	0 43	18 19	1 34	14 59	8 49	11 33	11 14	17 52	2 45	5 18
T 23	23 10	0 19	3 11	24 8	1 44	22 56	0 12	23 9	0 53	7 21	1 18	5 17	2 26	7 14	0 43	18 19	1 34	14 59	8 49	11 32	11 13	17 52	2 44	5 18
F 24	23 8	4n 3	2 11	23 58	1 49	22 45	0s 3	23 4	0 53	7 22	1 18	5 17	2 26	7 15	0 43	18 19	1 34	14 58	8 48	11 32	11 11	17 53	2 42	5 17
S 25	23 6	8 18	1 1	23 46	1 53	22 34	0 17	23 0	0 54	7 23	1 18	5 18	2 26	7 15	0 43	18 20	1 34	14 58	8 48	11 32	11 10	17 53	2 41	5 16
S 26	23 3	12 12	0s14	23 32	1 57	22 22	0 31	22 55	0 54	7 24	1 18	5 18	2 26	7 16	0 43	18 20	1 34	14 57	8 48	11 32	11 9	17 54	2 40	5 16
M27	23 0	15 28	1 30	23 16	1 59	22 10	0 46	22 49	0 54	7 24	1 17	5 19	2 25	7 16	0 43	18 20	1 34	14 57	8 48	11 31	11 8	17 54	2 39	5 15
T 28	22 57	17 48	2 41	22 59	2 1	21 58	1 0	22 44	0 55	7 25	1 17	5 19	2 25	7 17	0 43	18 21	1 34	14 56	8 48	11 30	11 7	17 55	2 38	5 14
W29	22 53	18 56	3 42	22 39	2 2	21 46	1 14	22 38	0 55	7 26	1 17	5 20	2 25	7 17	0 43	18 21	1 34	14 56	8 48	11 28	11 6	17 55	2 36	5 13
T 30	22n49	18n44	4s28	22n18	2n 2	21n34	1s28	22n33	0n55	7s27	1n17	5s20	2n25	7n17	0s43	18n21	1s34	14n55	8n47	11s26	11s 5	17s56	2n35	5s13

Julian Day Number = 3068591.5, Delta T = 02h35m18s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'33, Lahiri = 47°32'34

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

JULY 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 41 54	11♋24'59	17♋14	0♌ 5	6°R22	21♋27	22♎27	19♎33	20♈35	29♉41	12♍33	29°R59	29♎ 7	4♐45	10♍59	F 1
S 2	18 45 51	12°22'33	1♌57	1°47	5♋46	22° 8	22°29	19°35	20°36	29°43	12°34	29♎49	29° 4	4°52	11° 5	S 2
S 3	18 49 47	13°20'06	16°19	3°27	5°11	22°49	22°32	19°36	20°37	29°45	12°35	29°39	29° 1	4°58	11°10	S 3
M 4	18 53 44	14°17'37	0♍14	5° 4	4°38	23°29	22°35	19°37	20°38	29°47	12°36	29°31	28°58	5° 5	11°16	M 4
T 5	18 57 40	15°15'08	13°41	6°39	4° 5	24°10	22°38	19°39	20°39	29°48	12°37	29°25	28°54	5°12	11°22	T 5
W 6	19 1 37	16°12'37	26°40	8°11	3°35	24°51	22°41	19°40	20°40	29°50	12°38	29°22	28°51	5°18	11°27	W 6
T 7	19 5 33	17°10'05	9♎15	9°40	3° 6	25°31	22°45	19°42	20°40	29°52	12°39	29°21	28°48	5°25	11°33	T 7
F 8	19 9 30	18° 7'32	21°30	11° 6	2°38	26°12	22°48	19°44	20°41	29°53	12°40	29°D20	28°45	5°32	11°39	F 8
S 9	19 13 27	19° 4'58	3♏31	12°29	2°13	26°52	22°52	19°46	20°42	29°55	12°42	29°R20	28°42	5°38	11°45	S 9
S 10	19 17 23	20° 2'24	15°23	13°49	1°50	27°33	22°56	19°48	20°43	29°57	12°43	29°20	28°38	5°45	11°51	S 10
M11	19 21 20	20°59'48	27°12	15° 7	1°30	28°13	23° 0	19°50	20°43	29°58	12°44	29°17	28°35	5°52	11°57	M11
T 12	19 25 16	21°57'11	9♐ 1	16°21	1°11	28°54	23° 4	19°52	20°44	29°59	12°45	29°12	28°32	5°58	12° 4	T 12
W13	19 29 13	22°54'34	20°54	17°33	0°55	29°34	23° 8	19°55	20°45	0♊ 1	12°47	29° 4	28°29	6° 5	12°10	W13
T 14	19 33 9	23°51'56	2♑55	18°41	0°41	0♌14	23°13	19°57	20°45	0° 3	12°48	28°53	28°26	6°12	12°16	T 14
F 15	19 37 6	24°49'17	15° 6	19°46	0°30	0°54	23°17	19°59	20°46	0° 4	12°49	28°41	28°23	6°18	12°23	F 15
S 16	19 41 2	25°46'38	27°27	20°48	0°21	1°35	23°22	20° 2	20°46	0° 6	12°51	28°28	28°19	6°25	12°29	S 16
S 17	19 44 59	26°43'58	10♒ 0	21°47	0°14	2°15	23°27	20° 5	20°47	0° 7	12°52	28°15	28°16	6°32	12°36	S 17
M18	19 48 56	27°41'17	22°43	22°42	0°10	2°55	23°32	20° 7	20°47	0° 9	12°53	28° 3	28°13	6°39	12°42	M18
T 19	19 52 52	28°38'36	5♓39	23°34	0°D 8	3°35	23°37	20°10	20°47	0°10	12°55	27°54	28°10	6°45	12°49	T 19
W20	19 56 49	29°35'55	18°45	24°22	0° 8	4°15	23°43	20°13	20°47	0°11	12°56	27°47	28° 7	6°52	12°56	W20
T 21	20 0 45	0♌33'14	2♈ 4	25° 7	0°11	4°55	23°48	20°16	20°48	0°13	12°58	27°43	28° 4	6°59	13° 2	T 21
F 22	20 4 42	1°30'33	15°35	25°47	0°16	5°35	23°54	20°19	20°48	0°14	12°59	27°42	28° 0	7° 5	13° 9	F 22
S 23	20 8 38	2°27'51	29°20	26°24	0°24	6°15	24° 0	20°23	20°48	0°15	13° 1	27°41	27°57	7°12	13°16	S 23
S 24	20 12 35	3°25'10	13♉19	26°57	0°33	6°55	24° 6	20°26	20°R48	0°17	13° 2	27°41	27°54	7°19	13°23	S 24
M25	20 16 31	4°22'29	27°33	27°25	0°44	7°35	24°12	20°29	20°48	0°18	13° 4	27°40	27°51	7°25	13°30	M25
T 26	20 20 28	5°19'48	12♊ 0	27°49	0°58	8°15	24°18	20°33	20°48	0°19	13° 5	27°36	27°48	7°32	13°37	T 26
W27	20 24 25	6°17'06	26°37	28° 9	1°14	8°55	24°25	20°36	20°48	0°20	13° 7	27°30	27°44	7°39	13°44	W27
T 28	20 28 21	7°14'25	11♋17	28°25	1°31	9°35	24°31	20°40	20°48	0°21	13° 8	27°22	27°41	7°45	13°51	T 28
F 29	20 32 18	8°11'44	25°55	28°35	1°50	10°15	24°38	20°44	20°47	0°22	13°10	27°11	27°38	7°52	13°58	F 29
S 30	20 36 14	9° 9'03	10♌23	28°41	2°12	10°54	24°45	20°48	20°47	0°23	13°11	27° 0	27°35	7°59	14° 6	S 30
S 31	20 40 11	10♌ 6'22	24♌34	28°R43	2♋34	11♌34	24♎52	20♎52	20♈47	0♊25	13♍13	26♎49	27♎32	8♐ 5	14♍13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n44	17n15	4s55	21n56	2n 2	21n22	1s42	22n27	0n56	7s28	1n16	5s21	2n25	7n18	0s43	18n22	1s34	14n55	8n47	11s22	11s 4	17s56	2n33	5s12
S 2	22 39	14 38	5 2	21 32	2 0	21 11	1 55	22 21	0 56	7 30	1 16	5 22	2 24	7 18	0 43	18 22	1 34	14 54	8 47	11 18	11 3	17 57	2 32	5 11
S 3	22 34	11 11	4 50	21 7	1 58	20 59	2 8	22 14	0 56	7 31	1 16	5 22	2 24	7 19	0 43	18 23	1 34	14 54	8 47	11 15	11 1	17 57	2 31	5 11
M 4	22 28	7 13	4 20	20 41	1 55	20 47	2 21	22 8	0 57	7 32	1 16	5 23	2 24	7 19	0 43	18 23	1 34	14 53	8 47	11 12	11 0	17 58	2 29	5 10
T 5	22 21	3 1	3 37	20 14	1 52	20 36	2 33	22 1	0 57	7 33	1 16	5 24	2 24	7 19	0 43	18 23	1 34	14 52	8 47	11 10	10 59	17 58	2 28	5 9
W 6	22 15	1s12	2 44	19 47	1 47	20 25	2 45	21 54	0 57	7 35	1 15	5 25	2 23	7 20	0 43	18 23	1 34	14 52	8 47	11 9	10 58	17 58	2 26	5 9
T 7	22 8	5 14	1 45	19 18	1 42	20 14	2 57	21 47	0 58	7 36	1 15	5 26	2 23	7 20	0 43	18 24	1 34	14 51	8 46	11 8	10 57	17 59	2 24	5 8
F 8	22 0	8 57	0 42	18 50	1 36	20 4	3 8	21 40	0 58	7 38	1 15	5 26	2 23	7 20	0 43	18 24	1 34	14 51	8 46	11 8	10 56	17 59	2 23	5 7
S 9	21 53	12 14	0n22	18 20	1 30	19 54	3 18	21 33	0 58	7 39	1 15	5 27	2 23	7 20	0 43	18 24	1 34	14 50	8 46	11 8	10 55	18 0	2 21	5 7
S 10	21 44	14 57	1 24	17 51	1 22	19 45	3 28	21 25	0 58	7 41	1 14	5 28	2 22	7 21	0 43	18 25	1 35	14 50	8 46	11 8	10 54	18 0	2 19	5 6
M11	21 36	17 3	2 22	17 21	1 15	19 36	3 37	21 17	0 59	7 43	1 14	5 29	2 22	7 21	0 43	18 25	1 35	14 49	8 46	11 7	10 52	18 1	2 18	5 6
T 12	21 27	18 25	3 14	16 50	1 6	19 27	3 46	21 9	0 59	7 44	1 14	5 30	2 22	7 21	0 43	18 25	1 35	14 48	8 46	11 5	10 51	18 1	2 16	5 5
W13	21 18	18 58	3 57	16 20	0 57	19 19	3 54	21 1	0 59	7 46	1 14	5 31	2 22	7 21	0 44	18 26	1 35	14 48	8 46	11 2	10 50	18 2	2 14	5 4
T 14	21 8	18 41	4 30	15 50	0 47	19 11	4 2	20 53	1 0	7 48	1 14	5 32	2 22	7 21	0 44	18 26	1 35	14 47	8 46	10 59	10 49	18 2	2 12	5 4
F 15	20 58	17 32	4 52	15 20	0 37	19 4	4 9	20 45	1 0	7 50	1 13	5 34	2 21	7 22	0 44	18 26	1 35	14 47	8 45	10 54	10 48	18 2	2 11	5 3
S 16	20 48	15 34	5 0	14 50	0 26	18 58	4 15	20 36	1 0	7 52	1 13	5 35	2 21	7 22	0 44	18 26	1 35	14 46	8 45	10 50	10 47	18 3	2 9	5 3
S 17	20 37	12 51	4 54	14 21	0 14	18 52	4 21	20 27	1 0	7 54	1 13	5 36	2 21	7 22	0 44	18 27	1 35	14 45	8 45	10 45	10 46	18 3	2 7	5 2
M18	20 26	9 30	4 33	13 52	0 2	18 46	4 27	20 19	1 1	7 56	1 13	5 37	2 21	7 22	0 44	18 27	1 35	14 45	8 45	10 41	10 45	18 4	2 5	5 1
T 19	20 15	5 39	3 58	13 23	0s10	18 41	4 32	20 10	1 1	7 58	1 12	5 38	2 20	7 22	0 44	18 27	1 35	14 44	8 45	10 38	10 43	18 4	2 3	5 1
W20	20 3	1 29	3 10	12 55	0 23	18 37	4 37	20 0	1 1	8 0	1 12	5 40	2 20	7 22	0 44	18 27	1 35	14 43	8 45	10 35	10 42	18 4	2 1	5 0
T 21	19 51	2n49	2 11	12 28	0 37	18 33	4 41	19 51	1 1	8 2	1 12	5 41	2 20	7 22	0 44	18 28	1 35	14 43	8 45	10 34	10 41	18 5	1 59	5 0
F 22	19 38	7 4	1 4	12 1	0 50	18 29	4 44	19 42	1 2	8 5	1 12	5 42	2 20	7 22	0 44	18 28	1 35	14 42	8 45	10 33	10 40	18 5	1 57	4 59
S 23	19 26	11 0	0s 9	11 35	1 5	18 26	4 48	19 32	1 2	8 7	1 12	5 44	2 20	7 22	0 44	18 28	1 35	14 41	8 45	10 33	10 39	18 6	1 55	4 59
S 24	19 13	14 24	1 22	11 11	1 19	18 23	4 50	19 22	1 2	8 9	1 11	5 45	2 19	7 22	0 44	18 28	1 35	14 41	8 45	10 33	10 38	18 6	1 53	4 58
M25	18 59	16 59	2 31	10 47	1 34	18 20	4 53	19 12	1 2	8 12	1 11	5 47	2 19	7 22	0 44	18 28	1 35	14 40	8 45	10 33	10 37	18 6	1 50	4 58
T 26	18 46	18 32	3 32	10 25	1 49	18 18	4 55	19 2	1 2	8 14	1 11	5 48	2 19	7 22	0 44	18 29	1 35	14 39	8 44	10 32	10 36	18 7	1 48	4 57
W27	18 32	18 52	4 19	10 4	2 4	18 16	4 56	18 52	1 3	8 17	1 11	5 50	2 19	7 22	0 44	18 29	1 35	14 39	8 44	10 29	10 34	18 7	1 46	4 57
T 28	18 18	17 56	4 49	9 44	2 19	18 15	4 58	18 42	1 3	8 19	1 11	5 51	2 19	7 22	0 44	18 29	1 35	14 38	8 44	10 26	10 33	18 8	1 44	4 56
F 29	18 3	15 50	5 1	9 26	2 35	18 14	4 59	18 32	1 3	8 22	1 10	5 53	2 18	7 22	0 44	18 29	1 35	14 37	8 44	10 23	10 32	18 8	1 42	4 55
S 30	17 48	12 46	4 53	9 10	2 50	18 13	4 59	18 21	1 3	8 25	1 10	5 55	2 18	7 22	0 44	18 29	1 35	14 37	8 44	10 19	10 31	18 8	1 39	4 55
S 31	17n33	9n 1	4s27	8n55	3s 5	18n12	5s 0	18n10	1n 3	8s27	1n10	5s56	2n18	7n22	0s44	18n30	1s35	14n36	8n44	10s15	10s30	18s 9	1n37	4s54

Julian Day Number = 3068621.5, Delta T = 02h35m18s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'38, Lahiri = 47°32'38

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

AUGUST 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 44 7	11♌ 3'40	8♍22	28°R40	2♋59	12♌14	24♎59	20♎56	20°R47	0♊26	13♍15	26°R40	27♎29	8♐12	14♍20	M 1
T 2	20 48 4	12° 0'58	21°45	28♌32	3°25	12°53	25° 6	21° 0	20♈46	0°27	13°16	26♎34	27°25	8°19	14°28	T 2
W 3	20 52 1	12°58'16	4♎44	28°20	3°53	13°33	25°13	21° 4	20°46	0°27	13°18	26°30	27°22	8°25	14°35	W 3
T 4	20 55 57	13°55'34	17°20	28° 3	4°22	14°13	25°21	21° 8	20°45	0°28	13°19	26°28	27°19	8°32	14°42	T 4
F 5	20 59 54	14°52'52	29°36	27°42	4°52	14°52	25°28	21°12	20°45	0°29	13°21	26°D28	27°16	8°39	14°50	F 5
S 6	21 3 50	15°50'10	11♏39	27°16	5°24	15°32	25°36	21°17	20°44	0°30	13°23	26°R28	27°13	8°45	14°57	S 6
S 7	21 7 47	16°47'27	23°33	26°48	5°58	16°11	25°44	21°21	20°43	0°31	13°24	26°28	27°10	8°52	15° 5	S 7
M 8	21 11 43	17°44'44	5♐22	26°15	6°32	16°51	25°52	21°26	20°43	0°32	13°26	26°26	27° 6	8°59	15°13	M 8
T 9	21 15 40	18°42'02	17°14	25°40	7° 8	17°30	26° 0	21°31	20°42	0°33	13°28	26°23	27° 3	9° 5	15°20	T 9
W10	21 19 36	19°39'19	29°11	25° 3	7°45	18°10	26° 8	21°35	20°41	0°33	13°30	26°17	27° 0	9°12	15°28	W10
T 11	21 23 33	20°36'37	11♑18	24°24	8°23	18°49	26°16	21°40	20°41	0°34	13°31	26° 8	26°57	9°19	15°36	T 11
F 12	21 27 30	21°33'54	23°38	23°44	9° 2	19°28	26°25	21°45	20°40	0°35	13°33	25°58	26°54	9°25	15°43	F 12
S 13	21 31 26	22°31'12	6♒12	23° 3	9°43	20° 8	26°33	21°50	20°39	0°35	13°35	25°47	26°50	9°32	15°51	S 13
S 14	21 35 23	23°28'30	19° 0	22°23	10°24	20°47	26°42	21°55	20°38	0°36	13°37	25°37	26°47	9°39	15°59	S 14
M15	21 39 19	24°25'48	2♓ 3	21°44	11° 7	21°26	26°51	22° 0	20°37	0°37	13°38	25°27	26°44	9°45	16° 7	M15
T 16	21 43 16	25°23'06	15°20	21° 6	11°50	22° 5	26°59	22° 5	20°36	0°37	13°40	25°19	26°41	9°52	16°15	T 16
W17	21 47 12	26°20'25	28°48	20°31	12°34	22°44	27° 8	22°10	20°35	0°38	13°42	25°14	26°38	9°59	16°22	W17
T 18	21 51 9	27°17'45	12♈26	19°59	13°19	23°24	27°17	22°15	20°34	0°38	13°44	25°11	26°35	10° 6	16°30	T 18
F 19	21 55 5	28°15'06	26°14	19°30	14° 5	24° 3	27°27	22°21	20°32	0°39	13°46	25°D11	26°31	10°12	16°38	F 19
S 20	21 59 2	29°12'27	10♉ 9	19° 6	14°52	24°42	27°36	22°26	20°31	0°39	13°47	25°11	26°28	10°19	16°46	S 20
S 21	22 2 58	0♍ 9'49	24°12	18°46	15°40	25°21	27°45	22°32	20°30	0°40	13°49	25°R12	26°25	10°26	16°54	S 21
M22	22 6 55	1° 7'12	8♊21	18°32	16°28	26° 0	27°55	22°37	20°29	0°40	13°51	25°12	26°22	10°32	17° 2	M22
T 23	22 10 52	2° 4'36	22°35	18°23	17°17	26°39	28° 4	22°43	20°27	0°40	13°53	25°10	26°19	10°39	17°10	T 23
W24	22 14 48	3° 2'01	6♋52	18°D20	18° 7	27°18	28°14	22°48	20°26	0°41	13°55	25° 6	26°16	10°46	17°18	W24
T 25	22 18 45	3°59'27	21° 8	18°23	18°58	27°57	28°23	22°54	20°25	0°41	13°57	25° 0	26°12	10°52	17°27	T 25
F 26	22 22 41	4°56'54	5♌20	18°32	19°49	28°36	28°33	23° 0	20°23	0°41	13°58	24°53	26° 9	10°59	17°35	F 26
S 27	22 26 38	5°54'22	19°22	18°47	20°41	29°15	28°43	23° 6	20°22	0°41	14° 0	24°45	26° 6	11° 6	17°43	S 27
S 28	22 30 34	6°51'50	3♍10	19° 9	21°33	29°54	28°53	23°12	20°20	0°41	14° 2	24°38	26° 3	11°12	17°51	S 28
M29	22 34 31	7°49'19	16°41	19°37	22°26	0♍33	29° 3	23°18	20°19	0°41	14° 4	24°31	26° 0	11°19	17°59	M29
T 30	22 38 27	8°46'49	29°52	20°12	23°20	1°12	29°13	23°24	20°17	0°42	14° 6	24°27	25°56	11°26	18° 7	T 30
W31	22 42 24	9♍44'20	12♎43	20♌53	24♋14	1♍51	29♎24	23♎30	20♈15	0♊42	14♍ 8	24♎24	25♎53	11♐32	18♍15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n18	4n52	3s46	8n42	3s20	18n12	5s 0	18n 0	1n 4	8s30	1n10	5s58	2n18	7n21	0s44	18n30	1s36	14n35	8n44	10s12	10s29	18s 9	1n35	4s54
T 2	17 2	0 35	2 53	8 31	3 34	18 11	4 59	17 49	1 4	8 33	1 10	6 0	2 18	7 21	0 44	18 30	1 36	14 35	8 44	10 9	10 28	18 9	1 32	4 54
W 3	16 46	3s35	1 53	8 22	3 48	18 11	4 59	17 38	1 4	8 36	1 9	6 1	2 17	7 21	0 44	18 30	1 36	14 34	8 44	10 8	10 27	18 10	1 30	4 53
T 4	16 30	7 29	0 48	8 16	4 1	18 11	4 58	17 26	1 4	8 39	1 9	6 3	2 17	7 21	0 44	18 30	1 36	14 33	8 44	10 7	10 25	18 10	1 28	4 53
F 5	16 13	10 58	0n17	8 11	4 14	18 11	4 57	17 15	1 4	8 41	1 9	6 5	2 17	7 21	0 44	18 30	1 36	14 33	8 44	10 7	10 24	18 11	1 25	4 52
S 6	15 57	13 55	1 20	8 9	4 25	18 11	4 56	17 4	1 5	8 44	1 9	6 7	2 17	7 20	0 44	18 30	1 36	14 32	8 44	10 7	10 23	18 11	1 23	4 52
S 7	15 40	16 15	2 19	8 8	4 36	18 11	4 54	16 52	1 5	8 47	1 9	6 8	2 17	7 20	0 44	18 31	1 36	14 31	8 44	10 7	10 22	18 11	1 20	4 51
M 8	15 22	17 51	3 12	8 10	4 45	18 11	4 53	16 41	1 5	8 50	1 8	6 10	2 16	7 20	0 44	18 31	1 36	14 31	8 44	10 7	10 21	18 12	1 18	4 51
T 9	15 5	18 42	3 56	8 14	4 53	18 12	4 51	16 29	1 5	8 53	1 8	6 12	2 16	7 19	0 44	18 31	1 36	14 30	8 44	10 5	10 20	18 12	1 15	4 50
W10	14 47	18 43	4 30	8 21	4 59	18 12	4 49	16 17	1 5	8 57	1 8	6 14	2 16	7 19	0 44	18 31	1 36	14 29	8 44	10 3	10 19	18 12	1 13	4 50
T 11	14 29	17 52	4 53	8 29	5 4	18 12	4 46	16 5	1 6	9 0	1 8	6 16	2 16	7 19	0 44	18 31	1 36	14 29	8 44	10 0	10 18	18 13	1 10	4 50
F 12	14 11	16 12	5 3	8 39	5 7	18 12	4 44	15 53	1 6	9 3	1 8	6 18	2 16	7 19	0 44	18 31	1 36	14 28	8 44	9 57	10 16	18 13	1 8	4 49
S 13	13 53	13 44	4 58	8 50	5 9	18 12	4 41	15 41	1 6	9 6	1 7	6 20	2 15	7 18	0 44	18 31	1 36	14 27	8 44	9 53	10 15	18 13	1 5	4 49
S 14	13 34	10 34	4 39	9 3	5 9	18 11	4 39	15 29	1 6	9 9	1 7	6 22	2 15	7 18	0 45	18 31	1 36	14 26	8 44	9 49	10 14	18 14	1 3	4 48
M15	13 16	6 50	4 4	9 17	5 7	18 11	4 36	15 16	1 6	9 13	1 7	6 24	2 15	7 17	0 45	18 31	1 36	14 26	8 44	9 45	10 13	18 14	1 0	4 48
T 16	12 57	2 43	3 16	9 33	5 3	18 10	4 33	15 4	1 6	9 16	1 7	6 26	2 15	7 17	0 45	18 31	1 36	14 25	8 44	9 42	10 12	18 14	0 57	4 48
W17	12 37	1n37	2 16	9 49	4 57	18 10	4 29	14 51	1 6	9 19	1 7	6 28	2 15	7 17	0 45	18 31	1 36	14 24	8 44	9 41	10 11	18 15	0 55	4 47
T 18	12 18	5 55	1 8	10 5	4 50	18 9	4 26	14 39	1 7	9 23	1 7	6 30	2 15	7 16	0 45	18 31	1 36	14 24	8 44	9 40	10 10	18 15	0 52	4 47
F 19	11 58	9 57	0s 6	10 22	4 42	18 8	4 23	14 26	1 7	9 26	1 6	6 32	2 14	7 16	0 45	18 31	1 36	14 23	8 44	9 39	10 8	18 15	0 49	4 46
S 20	11 39	13 28	1 19	10 39	4 32	18 6	4 19	14 13	1 7	9 29	1 6	6 34	2 14	7 15	0 45	18 32	1 37	14 22	8 44	9 40	10 7	18 15	0 46	4 46
S 21	11 19	16 14	2 29	10 55	4 21	18 5	4 15	14 0	1 7	9 33	1 6	6 37	2 14	7 15	0 45	18 32	1 37	14 22	8 44	9 40	10 6	18 16	0 44	4 46
M22	10 59	18 2	3 30	11 12	4 8	18 3	4 12	13 47	1 7	9 36	1 6	6 39	2 14	7 14	0 45	18 32	1 37	14 21	8 44	9 40	10 5	18 16	0 41	4 45
T 23	10 38	18 42	4 19	11 27	3 55	18 1	4 8	13 34	1 7	9 40	1 6	6 41	2 14	7 14	0 45	18 32	1 37	14 20	8 44	9 39	10 4	18 16	0 38	4 45
W24	10 18	18 11	4 52	11 42	3 41	17 59	4 4	13 21	1 7	9 43	1 6	6 43	2 14	7 13	0 45	18 32	1 37	14 19	8 44	9 38	10 3	18 17	0 35	4 45
T 25	9 57	16 32	5 6	11 55	3 25	17 56	4 0	13 8	1 8	9 47	1 6	6 45	2 14	7 13	0 45	18 32	1 37	14 19	8 44	9 36	10 2	18 17	0 33	4 44
F 26	9 37	13 53	5 2	12 7	3 10	17 53	3 56	12 55	1 8	9 51	1 5	6 48	2 13	7 12	0 45	18 32	1 37	14 18	8 44	9 33	10 0	18 17	0 30	4 44
S 27	9 16	10 27	4 39	12 18	2 54	17 50	3 51	12 41	1 8	9 54	1 5	6 50	2 13	7 11	0 45	18 32	1 37	14 17	8 44	9 30	9 59	18 17	0 27	4 44
S 28	8 55	6 30	4 1	12 27	2 37	17 46	3 47	12 28	1 8	9 58	1 5	6 52	2 13	7 11	0 45	18 32	1 37	14 17	8 44	9 27	9 58	18 18	0 24	4 43
M29	8 34	2 18	3 9	12 34	2 21	17 42	3 43	12 14	1 8	10 2	1 5	6 54	2 13	7 10	0 45	18 32	1 37	14 16	8 44	9 25	9 57	18 18	0 21	4 43
T 30	8 12	1s55	2 9	12 39	2 4	17 38	3 38	12 1	1 8	10 5	1 5	6 57	2 13	7 10	0 45	18 31	1 37	14 15	8 44	9 23	9 56	18 18	0 18	4 43
W31	7n51	5s57	1s 3	12n42	1s47	17n34	3s34	11n47	1n 8	10s 9	1n 5	6s59	2n13	7n 9	0s45	18n31	1s37	14n15	8n44	9s22	9s55	18s19	0n16	4s43

Julian Day Number = 3068652.5, Delta T = 02h35m19s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'42, Lahiri = 47°32'42

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

SEPTEMBER 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 46 21	10♍41'52	25♎15	21♌40	25♋ 9	2♍29	29♎34	23♎36	20°R14	0°R42	14♍10	24°D23	25♎50	11♐39	18♍24	T 1
F 2	22 50 17	11°39'24	7♏31	22°34	26° 4	3° 8	29°44	23°42	20♈12	0♊42	14°11	24♎24	25°47	11°46	18°32	F 2
S 3	22 54 14	12°36'57	19°33	23°34	27° 0	3°47	29°55	23°48	20°10	0°42	14°13	24°25	25°44	11°52	18°40	S 3
S 4	22 58 10	13°34'30	1♐28	24°40	27°56	4°26	0♏ 6	23°55	20° 9	0°42	14°15	24°27	25°41	11°59	18°48	S 4
M 5	23 2 7	14°32'05	13°18	25°51	28°52	5° 4	0°16	24° 1	20° 7	0°41	14°17	24°R28	25°37	12° 6	18°57	M 5
T 6	23 6 3	15°29'40	25°11	27° 8	29°49	5°43	0°27	24° 7	20° 5	0°41	14°19	24°27	25°34	12°12	19° 5	T 6
W 7	23 10 0	16°27'16	7♑10	28°31	0♌47	6°22	0°38	24°14	20° 3	0°41	14°21	24°25	25°31	12°19	19°13	W 7
T 8	23 13 56	17°24'53	19°20	29°58	1°45	7° 0	0°49	24°20	20° 1	0°41	14°23	24°21	25°28	12°26	19°21	T 8
F 9	23 17 53	18°22'30	1♒45	1♍30	2°43	7°39	1° 0	24°27	19°59	0°41	14°24	24°16	25°25	12°33	19°30	F 9
S 10	23 21 50	19°20'09	14°27	3° 7	3°42	8°17	1°11	24°33	19°57	0°41	14°26	24°11	25°21	12°39	19°38	S 10
S 11	23 25 46	20°17'48	27°28	4°48	4°41	8°56	1°22	24°40	19°55	0°40	14°28	24° 5	25°18	12°46	19°46	S 11
M12	23 29 43	21°15'29	10♓48	6°32	5°41	9°35	1°33	24°46	19°53	0°40	14°30	24° 0	25°15	12°53	19°54	M12
T 13	23 33 39	22°13'10	24°26	8°20	6°41	10°13	1°44	24°53	19°51	0°40	14°32	23°56	25°12	12°59	20° 3	T 13
W14	23 37 36	23°10'53	8♈18	10°10	7°41	10°52	1°55	25° 0	19°49	0°39	14°34	23°54	25° 9	13° 6	20°11	W14
T 15	23 41 32	24° 8'37	22°23	12° 3	8°42	11°30	2° 7	25° 7	19°47	0°39	14°36	23°D53	25° 6	13°13	20°19	T 15
F 16	23 45 29	25° 6'23	6♉35	13°58	9°43	12° 9	2°18	25°13	19°45	0°38	14°37	23°54	25° 2	13°19	20°27	F 16
S 17	23 49 25	26° 4'10	20°51	15°55	10°44	12°47	2°30	25°20	19°43	0°38	14°39	23°55	24°59	13°26	20°36	S 17
S 18	23 53 22	27° 1'58	5♊ 8	17°52	11°46	13°25	2°41	25°27	19°41	0°37	14°41	23°56	24°56	13°33	20°44	S 18
M19	23 57 18	27°59'49	19°23	19°51	12°48	14° 4	2°53	25°34	19°39	0°37	14°43	23°57	24°53	13°39	20°52	M19
T 20	0 1 15	28°57'41	3♋35	21°50	13°50	14°42	3° 4	25°41	19°37	0°36	14°45	23°R57	24°50	13°46	21° 0	T 20
W21	0 5 12	29°55'35	17°40	23°50	14°53	15°21	3°16	25°48	19°34	0°36	14°47	23°56	24°47	13°53	21° 9	W21
T 22	0 9 8	0♎53'30	1♌37	25°49	15°56	15°59	3°28	25°55	19°32	0°35	14°48	23°54	24°43	13°59	21°17	T 22
F 23	0 13 5	1°51'27	15°24	27°48	16°59	16°37	3°40	26° 2	19°30	0°34	14°50	23°52	24°40	14° 6	21°25	F 23
S 24	0 17 1	2°49'26	28°59	29°47	18° 2	17°15	3°52	26° 9	19°28	0°34	14°52	23°49	24°37	14°13	21°33	S 24
S 25	0 20 58	3°47'26	12♍21	1♎45	19° 6	17°54	4° 4	26°16	19°25	0°33	14°54	23°46	24°34	14°20	21°42	S 25
M26	0 24 54	4°45'28	25°29	3°42	20°10	18°32	4°16	26°23	19°23	0°32	14°56	23°43	24°31	14°26	21°50	M26
T 27	0 28 51	5°43'31	8♎21	5°39	21°14	19°10	4°28	26°30	19°21	0°31	14°57	23°42	24°27	14°33	21°58	T 27
W28	0 32 47	6°41'36	20°58	7°34	22°19	19°49	4°40	26°38	19°18	0°30	14°59	23°D41	24°24	14°40	22° 6	W28
T 29	0 36 44	7°39'43	3♏21	9°28	23°23	20°27	4°52	26°45	19°16	0°30	15° 1	23°41	24°21	14°46	22°14	T 29
F 30	0 40 41	8♎37'51	15♏31	11♎22	24♌28	21♍ 5	5♏ 4	26♎52	19♈14	0♊29	15♍ 3	23♎42	24♎18	14♐53	22♍22	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n29	9s37	0n 5	12n43	1s31	17n29	3s29	11n33	1n 8	10s13	1n 4	7s 1	2n13	7n 8	0s45	18n31	1s37	14n14	8n44	9s22	9s54	18s19	0n13	4s42
F 2	7 8	12 47	1 11	12 41	1 14	17 23	3 25	11 20	1 8	10 16	1 4	7 4	2 12	7 8	0 45	18 31	1 37	14 13	8 44	9 22	9 52	18 19	0 10	4 42
S 3	6 46	15 20	2 12	12 37	0 58	17 18	3 20	11 6	1 9	10 20	1 4	7 6	2 12	7 7	0 45	18 31	1 37	14 13	8 44	9 23	9 51	18 19	0 7	4 42
S 4	6 24	17 12	3 8	12 31	0 43	17 12	3 15	10 52	1 9	10 24	1 4	7 9	2 12	7 6	0 45	18 31	1 37	14 12	8 44	9 23	9 50	18 20	0 4	4 42
M 5	6 2	18 18	3 55	12 21	0 28	17 5	3 11	10 38	1 9	10 28	1 4	7 11	2 12	7 6	0 45	18 31	1 37	14 11	8 44	9 24	9 49	18 20	0 1	4 41
T 6	5 40	18 36	4 32	12 9	0 13	16 58	3 6	10 24	1 9	10 32	1 4	7 13	2 12	7 5	0 45	18 31	1 37	14 11	8 44	9 24	9 48	18 20	0s 2	4 41
W 7	5 18	18 5	4 57	11 54	0n 1	16 51	3 1	10 10	1 9	10 35	1 4	7 16	2 12	7 4	0 45	18 31	1 38	14 10	8 44	9 23	9 47	18 20	0 5	4 41
T 8	4 56	16 43	5 10	11 36	0 14	16 43	2 56	9 56	1 9	10 39	1 4	7 18	2 12	7 4	0 45	18 31	1 38	14 9	8 44	9 21	9 46	18 21	0 8	4 41
F 9	4 33	14 34	5 9	11 15	0 26	16 35	2 51	9 42	1 9	10 43	1 3	7 21	2 12	7 3	0 45	18 31	1 38	14 9	8 44	9 20	9 44	18 21	0 11	4 40
S 10	4 11	11 41	4 52	10 52	0 38	16 27	2 46	9 27	1 9	10 47	1 3	7 23	2 12	7 2	0 45	18 31	1 38	14 8	8 45	9 18	9 43	18 21	0 14	4 40
S 11	3 49	8 9	4 20	10 26	0 49	16 18	2 41	9 13	1 9	10 51	1 3	7 26	2 11	7 1	0 45	18 31	1 38	14 8	8 45	9 16	9 42	18 21	0 17	4 40
M12	3 26	4 9	3 34	9 57	0 59	16 9	2 37	8 59	1 9	10 55	1 3	7 28	2 11	7 1	0 45	18 30	1 38	14 7	8 45	9 14	9 41	18 21	0 20	4 40
T 13	3 4	0n10	2 34	9 25	1 8	15 59	2 32	8 44	1 9	10 59	1 3	7 31	2 11	7 0	0 45	18 30	1 38	14 6	8 45	9 12	9 40	18 22	0 23	4 39
W14	2 41	4 34	1 24	8 51	1 16	15 49	2 27	8 30	1 9	11 3	1 3	7 33	2 11	6 59	0 45	18 30	1 38	14 6	8 45	9 11	9 39	18 22	0 26	4 39
T 15	2 18	8 46	0 8	8 15	1 23	15 38	2 22	8 15	1 9	11 7	1 3	7 36	2 11	6 58	0 45	18 30	1 38	14 5	8 45	9 11	9 38	18 22	0 29	4 39
F 16	1 56	12 30	1s 9	7 37	1 29	15 28	2 17	8 1	1 9	11 11	1 3	7 38	2 11	6 58	0 45	18 30	1 38	14 4	8 45	9 11	9 36	18 22	0 32	4 39
S 17	1 33	15 30	2 23	6 57	1 34	15 16	2 12	7 46	1 10	11 15	1 3	7 41	2 11	6 57	0 45	18 30	1 38	14 4	8 45	9 12	9 35	18 23	0 35	4 39
S 18	1 10	17 33	3 27	6 15	1 38	15 4	2 7	7 32	1 10	11 19	1 2	7 43	2 11	6 56	0 45	18 30	1 38	14 3	8 45	9 12	9 34	18 23	0 38	4 39
M19	0 47	18 30	4 19	5 32	1 41	14 52	2 2	7 17	1 10	11 23	1 2	7 46	2 11	6 55	0 45	18 29	1 38	14 3	8 46	9 13	9 33	18 23	0 41	4 38
T 20	0 25	18 16	4 55	4 48	1 43	14 40	1 57	7 3	1 10	11 27	1 2	7 48	2 11	6 54	0 45	18 29	1 38	14 2	8 46	9 13	9 32	18 23	0 44	4 38
W21	0 2	16 54	5 13	4 2	1 45	14 27	1 52	6 48	1 10	11 31	1 2	7 51	2 11	6 53	0 45	18 29	1 38	14 1	8 46	9 12	9 31	18 23	0 47	4 38
T 22	0s21	14 33	5 12	3 16	1 46	14 13	1 47	6 33	1 10	11 35	1 2	7 54	2 10	6 53	0 45	18 29	1 38	14 1	8 46	9 12	9 29	18 24	0 50	4 38
F 23	0 44	11 24	4 53	2 29	1 46	13 59	1 42	6 18	1 10	11 39	1 2	7 56	2 10	6 52	0 45	18 29	1 38	14 0	8 46	9 11	9 28	18 24	0 53	4 38
S 24	1 7	7 41	4 17	1 42	1 45	13 45	1 37	6 4	1 10	11 43	1 2	7 59	2 10	6 51	0 45	18 29	1 38	14 0	8 46	9 10	9 27	18 24	0 57	4 38
S 25	1 30	3 39	3 29	0 54	1 43	13 30	1 32	5 49	1 10	11 47	1 2	8 1	2 10	6 50	0 45	18 28	1 38	13 59	8 46	9 8	9 26	18 24	1 0	4 38
M26	1 52	0s31	2 29	0 6	1 41	13 15	1 27	5 34	1 10	11 51	1 2	8 4	2 10	6 49	0 45	18 28	1 39	13 59	8 46	9 8	9 25	18 24	1 3	4 37
T 27	2 15	4 34	1 24	0s42	1 39	13 0	1 22	5 19	1 10	11 55	1 2	8 7	2 10	6 48	0 45	18 28	1 39	13 58	8 47	9 7	9 24	18 24	1 6	4 37
W28	2 38	8 21	0 15	1 31	1 36	12 44	1 17	5 4	1 10	11 59	1 1	8 9	2 10	6 47	0 45	18 28	1 39	13 58	8 47	9 7	9 23	18 25	1 9	4 37
T 29	3 1	11 41	0n53	2 19	1 32	12 28	1 12	4 50	1 10	12 4	1 1	8 12	2 10	6 47	0 45	18 28	1 39	13 57	8 47	9 7	9 21	18 25	1 12	4 37
F 30	3s24	14s27	1n58	3s 6	1n28	12n11	1s 7	4n35	1n10	12s 8	1n 1	8s14	2n10	6n46	0s45	18n27	1s39	13n56	8n47	9s 7	9s20	18s25	1s15	4s37

Julian Day Number = 3068683.5, Delta T = 02h35m20s
Ecliptic obliquity = 23°13'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'46, Lahiri = 47°32'47

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

OCTOBER 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 44 37	9♎36'00	27♏31	13♎14	25♌34	21♍43	5♏16	26♎59	19°R11	0°R28	15♍ 4	23♎44	24♎15	15♐ 0	22♍30	S 1
S 2	0 48 34	10°34'11	9♐25	15° 5	26°39	22°21	5°28	27° 6	19♈ 9	0♊27	15° 6	23°45	24°12	15° 6	22°38	S 2
M 3	0 52 30	11°32'23	21°15	16°55	27°45	22°59	5°41	27°14	19° 7	0°26	15° 8	23°46	24° 8	15°13	22°47	M 3
T 4	0 56 27	12°30'37	3♑ 8	18°44	28°50	23°37	5°53	27°21	19° 4	0°25	15°10	23°47	24° 5	15°20	22°55	T 4
W 5	1 0 23	13°28'52	15° 6	20°32	29°57	24°16	6° 5	27°28	19° 2	0°24	15°11	23°R47	24° 2	15°26	23° 3	W 5
T 6	1 4 20	14°27'08	27°15	22°18	1♍ 3	24°54	6°18	27°36	18°59	0°23	15°13	23°46	23°59	15°33	23°11	T 6
F 7	1 8 16	15°25'26	9♒40	24° 4	2° 9	25°32	6°30	27°43	18°57	0°22	15°15	23°46	23°56	15°40	23°19	F 7
S 8	1 12 13	16°23'46	22°23	25°48	3°16	26°10	6°43	27°51	18°55	0°21	15°16	23°45	23°52	15°47	23°26	S 8
S 9	1 16 9	17°22'06	5♓29	27°31	4°23	26°48	6°55	27°58	18°52	0°20	15°18	23°44	23°49	15°53	23°34	S 9
M10	1 20 6	18°20'29	18°58	29°13	5°30	27°26	7° 8	28° 5	18°50	0°19	15°20	23°43	23°46	16° 0	23°42	M10
T 11	1 24 3	19°18'52	2♈49	0♏54	6°37	28° 4	7°20	28°13	18°47	0°17	15°21	23°43	23°43	16° 7	23°50	T 11
W12	1 27 59	20°17'18	17° 2	2°34	7°45	28°42	7°33	28°20	18°45	0°16	15°23	23°D43	23°40	16°13	23°58	W12
T 13	1 31 56	21°15'45	1♉30	4°12	8°52	29°20	7°46	28°28	18°43	0°15	15°24	23°43	23°37	16°20	24° 6	T 13
F 14	1 35 52	22°14'15	16° 9	5°50	10° 0	29°57	7°58	28°35	18°40	0°14	15°26	23°43	23°33	16°27	24°13	F 14
S 15	1 39 49	23°12'46	0♊53	7°27	11° 8	0♎35	8°11	28°43	18°38	0°13	15°27	23°43	23°30	16°33	24°21	S 15
S 16	1 43 45	24°11'19	15°33	9° 3	12°16	1°13	8°24	28°50	18°35	0°11	15°29	23°R43	23°27	16°40	24°29	S 16
M17	1 47 42	25° 9'54	0♋ 5	10°37	13°24	1°51	8°36	28°57	18°33	0°10	15°31	23°43	23°24	16°47	24°36	M17
T 18	1 51 38	26° 8'32	14°25	12°11	14°33	2°29	8°49	29° 5	18°31	0° 9	15°32	23°43	23°21	16°53	24°44	T 18
W19	1 55 35	27° 7'12	28°29	13°44	15°42	3° 7	9° 2	29°12	18°28	0° 7	15°33	23°D43	23°18	17° 0	24°52	W19
T 20	1 59 32	28° 5'53	12♌17	15°16	16°50	3°45	9°15	29°20	18°26	0° 6	15°35	23°43	23°14	17° 7	24°59	T 20
F 21	2 3 28	29° 4'37	25°47	16°47	17°59	4°22	9°28	29°27	18°24	0° 5	15°36	23°43	23°11	17°14	25° 7	F 21
S 22	2 7 25	0♏ 3'23	9♍ 1	18°17	19° 8	5° 0	9°40	29°35	18°21	0° 3	15°38	23°44	23° 8	17°20	25°14	S 22
S 23	2 11 21	1° 2'11	22° 0	19°46	20°18	5°38	9°53	29°42	18°19	0° 2	15°39	23°44	23° 5	17°27	25°21	S 23
M24	2 15 18	2° 1'01	4♎45	21°14	21°27	6°16	10° 6	29°50	18°17	0° 0	15°41	23°45	23° 2	17°34	25°29	M24
T 25	2 19 14	2°59'54	17°18	22°41	22°37	6°54	10°19	29°57	18°14	29♉59	15°42	23°45	22°58	17°40	25°36	T 25
W26	2 23 11	3°58'48	29°39	24° 7	23°46	7°31	10°32	0♏ 5	18°12	29°57	15°43	23°R45	22°55	17°47	25°43	W26
T 27	2 27 7	4°57'44	11♏50	25°32	24°56	8° 9	10°45	0°12	18°10	29°56	15°45	23°45	22°52	17°54	25°51	T 27
F 28	2 31 4	5°56'42	23°52	26°56	26° 6	8°47	10°58	0°20	18° 7	29°54	15°46	23°44	22°49	18° 0	25°58	F 28
S 29	2 35 1	6°55'42	5♐48	28°19	27°16	9°24	11°11	0°27	18° 5	29°53	15°47	23°42	22°46	18° 7	26° 5	S 29
S 30	2 38 57	7°54'44	17°40	29°41	28°26	10° 2	11°24	0°35	18° 3	29°51	15°49	23°40	22°43	18°14	26°12	S 30
M31	2 42 54	8♏53'48	29♐30	1♑ 2	29♍37	10♎40	11♏37	0♏42	18♈ 1	29♉50	15♍50	23♎38	22♎39	18♐21	26♍19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s46	16 s33	2n57	3 s54	1n23	11n54	1 s 3	4n20	1n10	12 s12	1n 1	8 s17	2n10	6n45	0 s45	18n27	1 s39	13n56	8n47	9 s 8	9 s19	18 s25	1 s18	4 s37
S 2	4 9	17 55	3 47	4 41	1 19	11 37	0 58	4 5	1 10	12 16	1 1	8 20	2 10	6 44	0 45	18 27	1 39	13 55	8 47	9 8	9 18	18 25	1 21	4 37
M 3	4 31	18 29	4 28	5 27	1 13	11 19	0 53	3 50	1 10	12 20	1 1	8 22	2 10	6 43	0 45	18 27	1 39	13 55	8 48	9 9	9 17	18 25	1 24	4 37
T 4	4 54	18 14	4 57	6 14	1 8	11 1	0 48	3 35	1 10	12 24	1 1	8 25	2 10	6 42	0 45	18 26	1 39	13 54	8 48	9 9	9 16	18 26	1 27	4 37
W 5	5 16	17 11	5 13	6 59	1 2	10 42	0 44	3 20	1 10	12 28	1 1	8 27	2 10	6 41	0 45	18 26	1 39	13 54	8 48	9 9	9 14	18 26	1 30	4 37
T 6	5 39	15 20	5 16	7 44	0 56	10 24	0 39	3 5	1 10	12 32	1 1	8 30	2 10	6 40	0 45	18 26	1 39	13 53	8 48	9 9	9 13	18 26	1 33	4 37
F 7	6 1	12 46	5 5	8 29	0 50	10 4	0 35	2 50	1 10	12 36	1 1	8 33	2 10	6 39	0 45	18 26	1 39	13 53	8 48	9 8	9 12	18 26	1 37	4 37
S 8	6 23	9 31	4 38	9 12	0 43	9 45	0 30	2 35	1 10	12 41	1 1	8 35	2 10	6 38	0 45	18 25	1 39	13 53	8 49	9 8	9 11	18 26	1 40	4 37
S 9	6 46	5 44	3 57	9 55	0 37	9 25	0 26	2 20	1 10	12 45	1 1	8 38	2 10	6 38	0 45	18 25	1 39	13 52	8 49	9 8	9 10	18 26	1 43	4 37
M10	7 8	1 33	3 1	10 38	0 30	9 5	0 21	2 5	1 10	12 49	1 1	8 41	2 10	6 37	0 45	18 25	1 39	13 52	8 49	9 8	9 9	18 26	1 46	4 37
T 11	7 30	2n51	1 53	11 19	0 23	8 45	0 17	1 50	1 10	12 53	1 1	8 43	2 10	6 36	0 45	18 25	1 39	13 51	8 49	9 7	9 7	18 27	1 49	4 36
W12	7 51	7 12	0 37	12 0	0 16	8 24	0 12	1 35	1 10	12 57	1 0	8 46	2 10	6 35	0 45	18 24	1 39	13 51	8 49	9 7	9 6	18 27	1 52	4 36
T 13	8 13	11 13	0 s43	12 40	0 8	8 3	0 8	1 20	1 10	13 1	1 0	8 48	2 10	6 34	0 45	18 24	1 39	13 50	8 50	9 7	9 5	18 27	1 55	4 36
F 14	8 35	14 35	2 1	13 20	0 1	7 41	0 4	1 5	1 10	13 5	1 0	8 51	2 10	6 33	0 45	18 24	1 39	13 50	8 50	9 7	9 4	18 27	1 58	4 36
S 15	8 56	17 1	3 12	13 58	0 s 6	7 20	0n 0	0 50	1 10	13 9	1 0	8 54	2 10	6 32	0 45	18 23	1 39	13 50	8 50	9 7	9 3	18 27	2 1	4 36
S 16	9 18	18 18	4 10	14 36	0 14	6 58	0 4	0 35	1 10	13 13	1 0	8 56	2 10	6 31	0 45	18 23	1 39	13 49	8 50	9 7	9 2	18 27	2 4	4 36
M17	9 39	18 22	4 51	15 12	0 21	6 36	0 8	0 20	1 10	13 17	1 0	8 59	2 10	6 30	0 45	18 23	1 39	13 49	8 51	9 7	9 0	18 27	2 7	4 36
T 18	10 0	17 15	5 13	15 48	0 28	6 13	0 12	0 5	1 10	13 21	1 0	9 2	2 10	6 30	0 45	18 22	1 39	13 48	8 51	9 7	8 59	18 27	2 10	4 37
W19	10 21	15 6	5 16	16 23	0 36	5 51	0 16	0 s 9	1 10	13 26	1 0	9 4	2 10	6 29	0 45	18 22	1 39	13 48	8 51	9 7	8 58	18 28	2 13	4 37
T 20	10 42	12 8	5 1	16 57	0 43	5 28	0 20	0 24	1 10	13 30	1 0	9 7	2 10	6 28	0 45	18 22	1 39	13 48	8 51	9 7	8 57	18 28	2 16	4 37
F 21	11 3	8 35	4 29	17 30	0 51	5 4	0 24	0 39	1 10	13 34	1 0	9 9	2 10	6 27	0 45	18 22	1 39	13 47	8 51	9 8	8 56	18 28	2 19	4 37
S 22	11 23	4 39	3 44	18 3	0 58	4 41	0 28	0 54	1 10	13 38	1 0	9 12	2 10	6 26	0 45	18 21	1 40	13 47	8 52	9 8	8 55	18 28	2 22	4 37
S 23	11 44	0 35	2 47	18 34	1 5	4 17	0 31	1 9	1 10	13 42	1 0	9 14	2 10	6 25	0 45	18 21	1 40	13 47	8 52	9 8	8 53	18 28	2 25	4 37
M24	12 4	3 s28	1 44	19 4	1 13	3 54	0 35	1 24	1 10	13 46	1 0	9 17	2 10	6 24	0 45	18 21	1 40	13 46	8 52	9 8	8 52	18 28	2 28	4 37
T 25	12 24	7 17	0 36	19 34	1 20	3 30	0 38	1 39	1 9	13 50	1 0	9 20	2 10	6 23	0 45	18 20	1 40	13 46	8 52	9 8	8 51	18 28	2 31	4 37
W26	12 44	10 44	0n33	20 2	1 27	3 5	0 42	1 54	1 9	13 54	1 0	9 22	2 10	6 23	0 45	18 20	1 40	13 46	8 53	9 8	8 50	18 28	2 33	4 37
T 27	13 3	13 41	1 38	20 29	1 34	2 41	0 45	2 8	1 9	13 58	1 0	9 25	2 10	6 22	0 45	18 20	1 40	13 45	8 53	9 8	8 49	18 28	2 36	4 37
F 28	13 23	16 0	2 39	20 56	1 41	2 17	0 48	2 23	1 9	14 2	1 0	9 27	2 10	6 21	0 45	18 19	1 40	13 45	8 53	9 8	8 48	18 28	2 39	4 37
S 29	13 42	17 35	3 32	21 21	1 48	1 52	0 52	2 38	1 9	14 6	1 0	9 30	2 10	6 20	0 45	18 19	1 40	13 45	8 53	9 7	8 46	18 28	2 42	4 37
S 30	14 1	18 24	4 16	21 45	1 54	1 27	0 55	2 53	1 9	14 10	1 0	9 32	2 10	6 19	0 45	18 19	1 40	13 45	8 54	9 6	8 45	18 28	2 45	4 37
M31	14 s20	18 s25	4n48	22 s 9	2 s 1	1n 2	0n58	3 s 7	1n 9	14 s14	1n 0	9 s35	2n10	6n18	0 s45	18n18	1 s40	13n44	8n54	9 s 5	8 s44	18 s29	2 s48	4 s37

Julian Day Number = 3068713.5, Delta T = 02h35m21s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'50, Lahiri = 47°32'51

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

NOVEMBER 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 46 50	9♏52'53	11♑21	2♐22	0♎47	11♎17	11♏49	0♏50	17°R59	29°R48	15♍51	23°R35	22♎36	18♐27	26♍26	T 1
W 2	2 50 47	10°52'00	23°18	3°41	1°58	11°55	12° 2	0°57	17♈56	29♉47	15°52	23♎34	22°33	18°34	26°33	W 2
T 3	2 54 43	11°51'09	5♒25	4°58	3° 8	12°33	12°15	1° 4	17°54	29°45	15°54	23°33	22°30	18°41	26°40	T 3
F 4	2 58 40	12°50'19	17°45	6°14	4°19	13°10	12°28	1°12	17°52	29°44	15°55	23°D33	22°27	18°47	26°46	F 4
S 5	3 2 36	13°49'31	0♓24	7°28	5°30	13°48	12°41	1°19	17°50	29°42	15°56	23°34	22°24	18°54	26°53	S 5
S 6	3 6 33	14°48'45	13°25	8°41	6°41	14°25	12°54	1°27	17°48	29°40	15°57	23°35	22°20	19° 1	27° 0	S 6
M 7	3 10 29	15°48'00	26°52	9°53	7°52	15° 3	13° 7	1°34	17°46	29°39	15°58	23°36	22°17	19° 7	27° 6	M 7
T 8	3 14 26	16°47'17	10♈46	11° 2	9° 3	15°40	13°20	1°41	17°44	29°37	15°59	23°38	22°14	19°14	27°13	T 8
W 9	3 18 23	17°46'36	25° 6	12°10	10°15	16°18	13°33	1°49	17°42	29°36	16° 0	23°R38	22°11	19°21	27°19	W 9
T 10	3 22 19	18°45'57	9♉48	13°15	11°26	16°55	13°46	1°56	17°40	29°34	16° 1	23°37	22° 8	19°28	27°26	T 10
F 11	3 26 16	19°45'20	24°48	14°18	12°38	17°33	13°59	2° 3	17°38	29°32	16° 2	23°35	22° 4	19°34	27°32	F 11
S 12	3 30 12	20°44'44	9♊55	15°19	13°49	18°10	14°12	2°10	17°36	29°31	16° 3	23°32	22° 1	19°41	27°38	S 12
S 13	3 34 9	21°44'11	25° 0	16°17	15° 1	18°48	14°25	2°18	17°34	29°29	16° 4	23°28	21°58	19°48	27°45	S 13
M14	3 38 5	22°43'40	9♋55	17°12	16°13	19°25	14°38	2°25	17°32	29°27	16° 5	23°24	21°55	19°54	27°51	M14
T 15	3 42 2	23°43'11	24°32	18° 4	17°25	20° 2	14°51	2°32	17°31	29°26	16° 6	23°21	21°52	20° 1	27°57	T 15
W16	3 45 59	24°42'44	8♌46	18°52	18°37	20°40	15° 4	2°39	17°29	29°24	16° 7	23°18	21°49	20° 8	28° 3	W16
T 17	3 49 55	25°42'20	22°35	19°36	19°49	21°17	15°16	2°46	17°27	29°22	16° 8	23°D17	21°45	20°14	28° 9	T 17
F 18	3 53 52	26°41'57	6♍ 0	20°15	21° 1	21°55	15°29	2°53	17°25	29°21	16° 9	23°18	21°42	20°21	28°15	F 18
S 19	3 57 48	27°41'37	19° 3	20°50	22°14	22°32	15°42	3° 0	17°24	29°19	16° 9	23°19	21°39	20°28	28°20	S 19
S 20	4 1 45	28°41'19	1♎47	21°19	23°26	23° 9	15°55	3° 7	17°22	29°17	16°10	23°21	21°36	20°35	28°26	S 20
M21	4 5 41	29°41'03	14°16	21°42	24°39	23°47	16° 8	3°14	17°20	29°15	16°11	23°22	21°33	20°41	28°32	M21
T 22	4 9 38	0♐40'49	26°33	21°58	25°51	24°24	16°20	3°21	17°19	29°14	16°12	23°R22	21°30	20°48	28°37	T 22
W23	4 13 34	1°40'37	8♏40	22° 8	27° 4	25° 1	16°33	3°28	17°17	29°12	16°12	23°21	21°26	20°55	28°43	W23
T 24	4 17 31	2°40'27	20°40	22°R 9	28°16	25°38	16°46	3°35	17°16	29°10	16°13	23°18	21°23	21° 1	28°48	T 24
F 25	4 21 27	3°40'20	2♐35	22° 2	29°29	26°16	16°59	3°42	17°14	29° 9	16°14	23°12	21°20	21° 8	28°53	F 25
S 26	4 25 24	4°40'14	14°27	21°47	0♏42	26°53	17°11	3°49	17°13	29° 7	16°14	23° 5	21°17	21°15	28°59	S 26
S 27	4 29 21	5°40'09	26°18	21°21	1°55	27°30	17°24	3°56	17°12	29° 5	16°15	22°57	21°14	21°21	29° 4	S 27
M28	4 33 17	6°40'07	8♑ 9	20°47	3° 8	28° 7	17°37	4° 2	17°10	29° 4	16°15	22°49	21°10	21°28	29° 9	M28
T 29	4 37 14	7°40'06	20° 2	20° 3	4°21	28°44	17°49	4° 9	17° 9	29° 2	16°16	22°40	21° 7	21°35	29°14	T 29
W30	4 41 10	8♐40'07	2♒ 0	19♐ 9	5♏34	29♎22	18♏ 2	4♏16	17♈ 8	29♉ 0	16♍16	22♎33	21♎ 4	21♐42	29♍18	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s39	17s37	5n 9	22s31	2s 7	0n37	1n 1	3s22	1n 9	14s18	1n 0	9s37	2n10	6n18	0s45	18n18	1s40	13n44	8n54	9s 5	8s43	18s29	2s51	4s37
W 2	14 57	16 2	5 16	22 52	2 13	0 12	1 4	3 37	1 9	14 22	1 0	9 40	2 10	6 17	0 45	18 18	1 40	13 44	8 55	9 4	8 42	18 29	2 53	4 37
T 3	15 15	13 44	5 9	23 12	2 19	0s13	1 6	3 51	1 9	14 26	1 0	9 42	2 10	6 16	0 45	18 17	1 40	13 44	8 55	9 4	8 41	18 29	2 56	4 38
F 4	15 33	10 47	4 48	23 31	2 24	0 39	1 9	4 6	1 9	14 30	1 0	9 45	2 10	6 15	0 45	18 17	1 40	13 44	8 55	9 4	8 39	18 29	2 59	4 38
S 5	15 51	7 17	4 13	23 49	2 30	1 4	1 12	4 20	1 9	14 33	1 0	9 47	2 10	6 14	0 45	18 16	1 40	13 43	8 55	9 4	8 38	18 29	3 2	4 38
S 6	16 8	3 19	3 24	24 6	2 35	1 30	1 14	4 35	1 9	14 37	1 0	9 50	2 10	6 14	0 45	18 16	1 40	13 43	8 56	9 5	8 37	18 29	3 4	4 38
M 7	16 25	0n57	2 22	24 21	2 40	1 55	1 17	4 49	1 9	14 41	1 0	9 52	2 10	6 13	0 45	18 16	1 40	13 43	8 56	9 5	8 36	18 29	3 7	4 38
T 8	16 42	5 18	1 10	24 36	2 44	2 21	1 19	5 4	1 8	14 45	1 0	9 55	2 10	6 12	0 45	18 15	1 40	13 43	8 56	9 6	8 35	18 29	3 10	4 38
W 9	16 59	9 30	0s 8	24 49	2 48	2 46	1 21	5 18	1 8	14 49	0 59	9 57	2 10	6 11	0 45	18 15	1 40	13 43	8 57	9 6	8 34	18 29	3 13	4 38
T 10	17 15	13 14	1 28	25 1	2 52	3 12	1 24	5 32	1 8	14 53	0 59	9 59	2 10	6 11	0 45	18 15	1 40	13 43	8 57	9 5	8 32	18 29	3 15	4 39
F 11	17 31	16 9	2 43	25 12	2 55	3 38	1 26	5 46	1 8	14 57	0 59	10 2	2 11	6 10	0 45	18 14	1 40	13 43	8 57	9 5	8 31	18 29	3 18	4 39
S 12	17 47	17 59	3 47	25 22	2 58	4 3	1 28	6 1	1 8	15 0	0 59	10 4	2 11	6 9	0 45	18 14	1 40	13 42	8 57	9 3	8 30	18 29	3 20	4 39
S 13	18 2	18 32	4 35	25 31	3 0	4 29	1 30	6 15	1 8	15 4	0 59	10 7	2 11	6 9	0 45	18 14	1 40	13 42	8 58	9 2	8 29	18 29	3 23	4 39
M14	18 17	17 48	5 4	25 38	3 2	4 55	1 31	6 29	1 8	15 8	0 59	10 9	2 11	6 8	0 45	18 13	1 40	13 42	8 58	9 1	8 28	18 29	3 26	4 39
T 15	18 32	15 53	5 13	25 44	3 3	5 20	1 33	6 43	1 8	15 12	0 59	10 11	2 11	6 7	0 45	18 13	1 40	13 42	8 58	8 59	8 27	18 29	3 28	4 39
W16	18 46	13 3	5 2	25 48	3 4	5 46	1 35	6 57	1 8	15 15	0 59	10 14	2 11	6 7	0 45	18 13	1 40	13 42	8 59	8 58	8 25	18 29	3 31	4 39
T 17	19 1	9 33	4 33	25 52	3 3	6 11	1 36	7 11	1 7	15 19	0 59	10 16	2 11	6 6	0 45	18 12	1 40	13 42	8 59	8 58	8 24	18 29	3 33	4 40
F 18	19 14	5 39	3 50	25 54	3 2	6 37	1 38	7 25	1 7	15 23	1 0	10 18	2 11	6 5	0 45	18 12	1 40	13 42	8 59	8 58	8 23	18 29	3 36	4 40
S 19	19 28	1 35	2 56	25 54	3 0	7 2	1 39	7 39	1 7	15 26	1 0	10 20	2 11	6 5	0 45	18 11	1 40	13 42	9 0	8 59	8 22	18 29	3 38	4 40
S 20	19 41	2s28	1 55	25 53	2 57	7 28	1 41	7 53	1 7	15 30	1 0	10 23	2 11	6 4	0 45	18 11	1 40	13 42	9 0	8 59	8 21	18 29	3 40	4 40
M21	19 54	6 20	0 49	25 51	2 54	7 53	1 42	8 6	1 7	15 34	1 0	10 25	2 12	6 4	0 45	18 11	1 40	13 42	9 0	9 0	8 19	18 29	3 43	4 40
T 22	20 6	9 53	0n17	25 47	2 48	8 18	1 43	8 20	1 7	15 37	1 0	10 27	2 12	6 3	0 45	18 10	1 40	13 42	9 1	9 0	8 18	18 29	3 45	4 41
W23	20 18	12 57	1 22	25 41	2 42	8 43	1 44	8 34	1 7	15 41	1 0	10 29	2 12	6 3	0 44	18 10	1 40	13 42	9 1	8 59	8 17	18 29	3 48	4 41
T 24	20 30	15 27	2 23	25 33	2 34	9 8	1 45	8 47	1 7	15 44	1 0	10 32	2 12	6 2	0 44	18 10	1 40	13 42	9 1	8 58	8 16	18 29	3 50	4 41
F 25	20 42	17 16	3 17	25 24	2 25	9 32	1 46	9 1	1 6	15 48	1 0	10 34	2 12	6 2	0 44	18 9	1 40	13 42	9 1	8 56	8 15	18 29	3 52	4 41
S 26	20 53	18 19	4 1	25 12	2 15	9 57	1 47	9 14	1 6	15 51	1 0	10 36	2 12	6 1	0 44	18 9	1 40	13 42	9 2	8 54	8 14	18 29	3 54	4 41
S 27	21 3	18 35	4 36	24 59	2 2	10 21	1 47	9 28	1 6	15 55	1 0	10 38	2 12	6 1	0 44	18 9	1 40	13 42	9 2	8 51	8 12	18 29	3 57	4 42
M28	21 13	18 1	4 58	24 42	1 49	10 45	1 48	9 41	1 6	15 58	1 0	10 40	2 12	6 0	0 44	18 8	1 40	13 42	9 2	8 47	8 11	18 29	3 59	4 42
T 29	21 23	16 40	5 8	24 24	1 33	11 9	1 48	9 54	1 6	16 2	1 0	10 42	2 12	6 0	0 44	18 8	1 40	13 42	9 3	8 44	8 10	18 29	4 1	4 42
W30	21s33	14s36	5n 4	24s 3	1s16	11s33	1n49	10s 7	1n 6	16s 5	1n 0	10s44	2n13	5n59	0s44	18n 8	1s40	13n43	9n 3	8s42	8s 9	18s29	4s 3	4s42

Julian Day Number = 3068744.5, Delta T = 02h35m22s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'55, Lahiri = 47°32'55

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ASTRODIENST EPHEMERIS for the year 3689
geocentric

DECEMBER 3689 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 45 7	9♐40'09	14♒ 6	18°R 7	6♏47	29♎59	18♏14	4♏22	17°R 7	28°R59	16♍17	22°R28	21♎ 1	21♐48	29♍23	T 1
F 2	4 49 3	10°40'13	26°24	16♐58	8° 1	0♏36	18°27	4°29	17♈ 6	28♉57	16°17	22♎25	20°58	21°55	29°28	F 2
S 3	4 53 0	11°40'18	8♓57	15°44	9°14	1°13	18°39	4°35	17° 4	28°55	16°18	22°D23	20°55	22° 2	29°33	S 3
S 4	4 56 57	12°40'25	21°51	14°25	10°27	1°50	18°52	4°42	17° 3	28°54	16°18	22°24	20°51	22° 8	29°37	S 4
M 5	5 0 53	13°40'33	5♈ 8	13° 6	11°41	2°27	19° 4	4°48	17° 2	28°52	16°18	22°25	20°48	22°15	29°41	M 5
T 6	5 4 50	14°40'43	18°53	11°47	12°54	3° 4	19°16	4°54	17° 1	28°51	16°19	22°R26	20°45	22°22	29°46	T 6
W 7	5 8 46	15°40'54	3♉ 6	10°33	14° 8	3°41	19°29	5° 1	17° 1	28°49	16°19	22°25	20°42	22°28	29°50	W 7
T 8	5 12 43	16°41'06	17°47	9°25	15°22	4°18	19°41	5° 7	17° 0	28°47	16°19	22°23	20°39	22°35	29°54	T 8
F 9	5 16 39	17°41'20	2♊49	8°25	16°35	4°55	19°53	5°13	16°59	28°46	16°20	22°18	20°35	22°42	29°58	F 9
S 10	5 20 36	18°41'36	18° 6	7°34	17°49	5°32	20° 5	5°19	16°58	28°44	16°20	22°11	20°32	22°49	0♎ 2	S 10
S 11	5 24 32	19°41'53	3♋27	6°55	19° 3	6° 9	20°17	5°25	16°57	28°43	16°20	22° 2	20°29	22°55	0° 6	S 11
M12	5 28 29	20°42'12	18°40	6°28	20°16	6°46	20°29	5°31	16°57	28°41	16°20	21°53	20°26	23° 2	0°10	M12
T 13	5 32 26	21°42'33	3♌34	6°12	21°30	7°23	20°41	5°37	16°56	28°40	16°20	21°44	20°23	23° 9	0°13	T 13
W14	5 36 22	22°42'55	18° 3	6°D 8	22°44	8° 0	20°53	5°43	16°55	28°38	16°20	21°38	20°20	23°15	0°17	W14
T 15	5 40 19	23°43'19	2♍ 3	6°14	23°58	8°37	21° 5	5°49	16°55	28°37	16°20	21°33	20°16	23°22	0°20	T 15
F 16	5 44 15	24°43'45	15°33	6°31	25°12	9°13	21°17	5°55	16°54	28°35	16°20	21°31	20°13	23°29	0°23	F 16
S 17	5 48 12	25°44'12	28°36	6°57	26°26	9°50	21°29	6° 1	16°54	28°34	16°R20	21°D31	20°10	23°36	0°27	S 17
S 18	5 52 8	26°44'42	11♎16	7°32	27°40	10°27	21°41	6° 6	16°54	28°32	16°20	21°31	20° 7	23°42	0°30	S 18
M19	5 56 5	27°45'13	23°37	8°15	28°55	11° 4	21°52	6°12	16°53	28°31	16°20	21°R31	20° 4	23°49	0°33	M19
T 20	6 0 1	28°45'45	5♏45	9° 4	0♐ 9	11°40	22° 4	6°18	16°53	28°29	16°20	21°30	20° 1	23°56	0°36	T 20
W21	6 3 58	29°46'20	17°44	9°59	1°23	12°17	22°15	6°23	16°53	28°28	16°20	21°27	19°57	24° 2	0°38	W21
T 22	6 7 55	0♑46'55	29°37	11° 0	2°37	12°54	22°27	6°28	16°52	28°27	16°20	21°21	19°54	24° 9	0°41	T 22
F 23	6 11 51	1°47'33	11♐27	12° 5	3°52	13°31	22°38	6°34	16°52	28°25	16°20	21°12	19°51	24°16	0°44	F 23
S 24	6 15 48	2°48'12	23°18	13°14	5° 6	14° 7	22°50	6°39	16°52	28°24	16°20	21° 0	19°48	24°23	0°46	S 24
S 25	6 19 44	3°48'52	5♑10	14°26	6°20	14°44	23° 1	6°44	16°D52	28°23	16°19	20°47	19°45	24°29	0°48	S 25
M26	6 23 41	4°49'33	17° 5	15°42	7°35	15°21	23°12	6°49	16°52	28°21	16°19	20°32	19°42	24°36	0°51	M26
T 27	6 27 37	5°50'15	29° 4	16°59	8°49	15°57	23°23	6°54	16°52	28°20	16°19	20°18	19°38	24°43	0°53	T 27
W28	6 31 34	6°50'59	11♒ 8	18°19	10° 4	16°34	23°34	6°59	16°52	28°19	16°19	20° 6	19°35	24°49	0°55	W28
T 29	6 35 30	7°51'43	23°20	19°41	11°18	17°10	23°45	7° 4	16°53	28°18	16°18	19°56	19°32	24°56	0°57	T 29
F 30	6 39 27	8°52'29	5♓42	21° 4	12°33	17°47	23°56	7° 9	16°53	28°16	16°18	19°49	19°29	25° 3	0°58	F 30
S 31	6 43 24	9♑53'15	18♓16	22♐29	13♐47	18♏23	24♏ 7	7♏14	16♈53	28♉15	16♍17	19♎45	19♎26	25♐10	1♎ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s42	11s52	4n46	23s40	0s58	11s56	1n49	10s20	1n 6	16s 9	1n 0	10s46	2n13	5n59	0s44	18n 7	1s40	13n43	9n 3	8s40	8s 8	18s29	4s 5	4s43
F 2	21 50	8 35	4 16	23 14	0 39	12 19	1 49	10 33	1 5	16 12	1 0	10 48	2 13	5 58	0 44	18 7	1 40	13 43	9 4	8 39	8 7	18 29	4 7	4 43
S 3	21 59	4 51	3 32	22 46	0 19	12 42	1 50	10 46	1 5	16 15	1 0	10 50	2 13	5 58	0 44	18 7	1 40	13 43	9 4	8 38	8 5	18 29	4 9	4 43
S 4	22 7	0 48	2 37	22 17	0n 2	13 5	1 50	10 59	1 5	16 19	1 0	10 52	2 13	5 58	0 44	18 6	1 40	13 43	9 4	8 38	8 4	18 29	4 11	4 43
M 5	22 14	3n26	1 32	21 48	0 22	13 27	1 50	11 12	1 5	16 22	1 0	10 54	2 13	5 57	0 44	18 6	1 40	13 43	9 5	8 39	8 3	18 29	4 13	4 44
T 6	22 21	7 38	0 19	21 18	0 42	13 50	1 50	11 25	1 5	16 25	1 0	10 56	2 13	5 57	0 44	18 6	1 40	13 43	9 5	8 39	8 2	18 29	4 15	4 44
W 7	22 27	11 32	0s57	20 49	1 1	14 11	1 49	11 37	1 4	16 29	1 0	10 58	2 14	5 57	0 44	18 5	1 40	13 44	9 5	8 39	8 1	18 29	4 17	4 44
T 8	22 34	14 52	2 12	20 22	1 19	14 33	1 49	11 50	1 4	16 32	1 0	11 0	2 14	5 56	0 44	18 5	1 40	13 44	9 6	8 38	7 59	18 29	4 19	4 44
F 9	22 39	17 17	3 19	19 57	1 35	14 54	1 49	12 2	1 4	16 35	1 0	11 2	2 14	5 56	0 44	18 5	1 40	13 44	9 6	8 36	7 58	18 29	4 21	4 45
S 10	22 45	18 30	4 13	19 35	1 49	15 15	1 48	12 14	1 4	16 38	1 0	11 4	2 14	5 56	0 44	18 4	1 40	13 44	9 6	8 34	7 57	18 29	4 23	4 45
S 11	22 49	18 22	4 49	19 17	2 0	15 35	1 48	12 27	1 4	16 41	1 0	11 6	2 14	5 56	0 44	18 4	1 40	13 44	9 7	8 30	7 56	18 28	4 24	4 45
M12	22 54	16 55	5 4	19 3	2 10	15 56	1 47	12 39	1 3	16 44	1 0	11 8	2 14	5 55	0 44	18 4	1 40	13 45	9 7	8 27	7 55	18 28	4 26	4 45
T 13	22 58	14 20	4 58	18 53	2 18	16 15	1 47	12 51	1 3	16 47	1 0	11 9	2 15	5 55	0 44	18 3	1 40	13 45	9 7	8 24	7 53	18 28	4 28	4 46
W14	23 1	10 56	4 33	18 46	2 24	16 35	1 46	13 3	1 3	16 50	1 0	11 11	2 15	5 55	0 44	18 3	1 40	13 45	9 8	8 21	7 52	18 28	4 29	4 46
T 15	23 4	7 2	3 52	18 44	2 28	16 54	1 45	13 15	1 3	16 54	1 0	11 13	2 15	5 55	0 44	18 3	1 40	13 46	9 8	8 20	7 51	18 28	4 31	4 46
F 16	23 7	2 53	3 0	18 44	2 30	17 12	1 44	13 27	1 3	16 57	1 0	11 15	2 15	5 55	0 44	18 2	1 40	13 46	9 8	8 19	7 50	18 28	4 33	4 47
S 17	23 9	1s16	1 59	18 48	2 31	17 30	1 43	13 38	1 2	16 59	1 1	11 16	2 15	5 54	0 44	18 2	1 40	13 46	9 9	8 19	7 49	18 28	4 34	4 47
S 18	23 11	5 15	0 54	18 54	2 30	17 48	1 42	13 50	1 2	17 2	1 1	11 18	2 16	5 54	0 44	18 2	1 40	13 46	9 9	8 19	7 48	18 28	4 36	4 47
M19	23 12	8 55	0n11	19 2	2 28	18 5	1 41	14 2	1 2	17 5	1 1	11 20	2 16	5 54	0 44	18 2	1 40	13 47	9 9	8 19	7 46	18 28	4 37	4 47
T 20	23 13	12 8	1 15	19 13	2 25	18 22	1 40	14 13	1 2	17 8	1 1	11 21	2 16	5 54	0 43	18 1	1 39	13 47	9 10	8 19	7 45	18 28	4 38	4 48
W21	23 13	14 48	2 15	19 24	2 22	18 38	1 39	14 24	1 1	17 11	1 1	11 23	2 16	5 54	0 43	18 1	1 39	13 47	9 10	8 17	7 44	18 28	4 40	4 48
T 22	23 13	16 49	3 8	19 37	2 17	18 54	1 37	14 36	1 1	17 14	1 1	11 24	2 16	5 54	0 43	18 1	1 39	13 48	9 10	8 15	7 43	18 28	4 41	4 48
F 23	23 12	18 7	3 52	19 51	2 12	19 9	1 36	14 47	1 1	17 17	1 1	11 26	2 16	5 54	0 43	18 1	1 39	13 48	9 11	8 12	7 42	18 27	4 42	4 49
S 24	23 11	18 37	4 27	20 5	2 6	19 24	1 35	14 58	1 1	17 19	1 1	11 27	2 17	5 54	0 43	18 0	1 39	13 49	9 11	8 7	7 40	18 27	4 44	4 49
S 25	23 10	18 18	4 50	20 20	2 0	19 38	1 33	15 9	1 0	17 22	1 1	11 29	2 17	5 54	0 43	18 0	1 39	13 49	9 11	8 2	7 39	18 27	4 45	4 49
M26	23 8	17 11	5 0	20 34	1 54	19 52	1 32	15 20	1 0	17 25	1 1	11 30	2 17	5 54	0 43	18 0	1 39	13 49	9 12	7 57	7 38	18 27	4 46	4 49
T 27	23 6	15 19	4 57	20 49	1 47	20 5	1 30	15 30	1 0	17 28	1 1	11 32	2 17	5 54	0 43	18 0	1 39	13 50	9 12	7 52	7 37	18 27	4 47	4 50
W28	23 3	12 46	4 41	21 3	1 40	20 18	1 28	15 41	1 0	17 30	1 1	11 33	2 17	5 54	0 43	17 59	1 39	13 50	9 12	7 47	7 36	18 27	4 48	4 50
T 29	22 59	9 39	4 12	21 17	1 33	20 30	1 27	15 51	0 59	17 33	1 1	11 35	2 18	5 54	0 43	17 59	1 39	13 51	9 13	7 43	7 34	18 27	4 49	4 50
F 30	22 56	6 4	3 30	21 30	1 25	20 41	1 25	16 2	0 59	17 35	1 2	11 36	2 18	5 55	0 43	17 59	1 39	13 51	9 13	7 41	7 33	18 27	4 50	4 51
S 31	22s51	2s10	2n38	21s43	1n17	20s52	1n23	16s12	0n59	17s38	1n 2	11s37	2n18	5n55	0s43	17n59	1s39	13n51	9n13	7s39	7s32	18s27	4s51	4s51

Julian Day Number = 3068774.5, Delta T = 02h35m23s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°25'59, Lahiri = 47°32'59

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

JANUARY 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 47 20	10♑54'02	1♈ 6	23♐54	15♐ 2	19♏ 0	24♏18	7♏18	16♈53	28°R14	16°R17	19°R43	19♎22	25♐16	1♎ 2	S 1
M 2	6 51 17	11°54'50	14°16	25°21	16°17	19°36	24°29	7°23	16°54	28♉13	16♍17	19♎43	19°19	25°23	1° 3	M 2
T 3	6 55 13	12°55'39	27°49	26°49	17°31	20°12	24°39	7°27	16°54	28°12	16°16	19°43	19°16	25°30	1° 4	T 3
W 4	6 59 10	13°56'28	11♉48	28°17	18°46	20°49	24°50	7°32	16°55	28°11	16°16	19°42	19°13	25°36	1° 5	W 4
T 5	7 3 6	14°57'18	26°14	29°46	20° 1	21°25	25° 0	7°36	16°55	28°10	16°15	19°38	19°10	25°43	1° 7	T 5
F 6	7 7 3	15°58'09	11♊ 3	1♑15	21°15	22° 1	25°10	7°40	16°56	28° 9	16°14	19°32	19° 7	25°50	1° 7	F 6
S 7	7 11 0	16°59'00	26°11	2°45	22°30	22°38	25°21	7°44	16°56	28° 8	16°14	19°23	19° 3	25°56	1° 8	S 7
S 8	7 14 56	17°59'52	11♋27	4°15	23°45	23°14	25°31	7°48	16°57	28° 7	16°13	19°12	19° 0	26° 3	1° 9	S 8
M 9	7 18 53	19° 0'45	26°41	5°46	25° 0	23°50	25°41	7°52	16°58	28° 6	16°13	19° 0	18°57	26°10	1°10	M 9
T 10	7 22 49	20° 1'39	11♌42	7°16	26°14	24°26	25°51	7°56	16°59	28° 5	16°12	18°49	18°54	26°17	1°10	T 10
W11	7 26 46	21° 2'34	26°20	8°48	27°29	25° 2	26° 1	8° 0	17° 0	28° 4	16°11	18°39	18°51	26°23	1°11	W11
T 12	7 30 42	22° 3'29	10♍30	10°19	28°44	25°39	26°10	8° 4	17° 0	28° 3	16°11	18°32	18°48	26°30	1°11	T 12
F 13	7 34 39	23° 4'26	24° 9	11°51	29°59	26°15	26°20	8° 7	17° 1	28° 2	16°10	18°28	18°44	26°37	1°11	F 13
S 14	7 38 35	24° 5'23	7♎19	13°22	1♑14	26°51	26°30	8°11	17° 2	28° 2	16° 9	18°27	18°41	26°43	1°R11	S 14
S 15	7 42 32	25° 6'21	20° 3	14°55	2°29	27°27	26°39	8°14	17° 3	28° 1	16° 8	18°26	18°38	26°50	1°11	S 15
M16	7 46 29	26° 7'20	2♏26	16°27	3°44	28° 3	26°48	8°18	17° 4	28° 0	16° 7	18°26	18°35	26°57	1°11	M16
T 17	7 50 25	27° 8'20	14°33	17°59	4°59	28°39	26°58	8°21	17° 6	28° 0	16° 7	18°25	18°32	27° 4	1°10	T 17
W18	7 54 22	28° 9'21	26°30	19°32	6°14	29°15	27° 7	8°24	17° 7	27°59	16° 6	18°22	18°28	27°10	1°10	W18
T 19	7 58 18	29°10'22	8♐20	21° 5	7°29	29°50	27°16	8°27	17° 8	27°58	16° 5	18°16	18°25	27°17	1° 9	T 19
F 20	8 2 15	0♒11'24	20°10	22°38	8°44	0♐26	27°25	8°30	17° 9	27°58	16° 4	18° 7	18°22	27°24	1° 9	F 20
S 21	8 6 11	1°12'27	2♑ 1	24°12	9°59	1° 2	27°33	8°33	17°11	27°57	16° 3	17°56	18°19	27°30	1° 8	S 21
S 22	8 10 8	2°13'30	13°56	25°46	11°14	1°38	27°42	8°36	17°12	27°57	16° 2	17°42	18°16	27°37	1° 7	S 22
M23	8 14 4	3°14'34	25°58	27°20	12°29	2°14	27°51	8°38	17°13	27°56	16° 1	17°28	18°13	27°44	1° 6	M23
T 24	8 18 1	4°15'38	8♒ 6	28°54	13°44	2°49	27°59	8°41	17°15	27°56	16° 0	17°14	18° 9	27°51	1° 5	T 24
W25	8 21 58	5°16'42	20°23	0♒28	14°59	3°25	28° 7	8°43	17°16	27°55	15°59	17° 1	18° 6	27°57	1° 4	W25
T 26	8 25 54	6°17'47	2♓48	2° 3	16°14	4° 1	28°16	8°46	17°18	27°55	15°58	16°51	18° 3	28° 4	1° 2	T 26
F 27	8 29 51	7°18'51	15°22	3°38	17°29	4°36	28°24	8°48	17°20	27°54	15°57	16°44	18° 0	28°11	1° 1	F 27
S 28	8 33 47	8°19'56	28° 7	5°14	18°44	5°12	28°32	8°50	17°21	27°54	15°56	16°40	17°57	28°17	0°59	S 28
S 29	8 37 44	9°21'00	11♈ 5	6°49	19°59	5°47	28°39	8°52	17°23	27°54	15°55	16°D39	17°53	28°24	0°57	S 29
M30	8 41 40	10°22'04	24°18	8°26	21°14	6°23	28°47	8°54	17°25	27°53	15°54	16°39	17°50	28°31	0°56	M30
T 31	8 45 37	11♒23'08	7♉48	10♒ 2	22♑30	6♐58	28♏55	8♏56	17♈27	27♉53	15♍53	16°R39	17♎47	28♐38	0♎54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s47	1n55	1n37	21s55	1n10	21s 3	1n21	16s22	0n59	17s40	1n 2	11s38	2n18	5n55	0s43	17n58	1s39	13n52	9n14	7s39	7s31	18s26	4s52	4s51
M 2	22 41	6 1	0 29	22 6	1 2	21 12	1 19	16 32	0 58	17 43	1 2	11 40	2 19	5 55	0 43	17 58	1 39	13 52	9 14	7 39	7 30	18 26	4 53	4 51
T 3	22 36	9 56	0s43	22 17	0 54	21 21	1 17	16 42	0 58	17 45	1 2	11 41	2 19	5 55	0 43	17 58	1 39	13 53	9 14	7 39	7 29	18 26	4 53	4 52
W 4	22 30	13 26	1 54	22 26	0 47	21 30	1 15	16 52	0 58	17 48	1 2	11 42	2 19	5 55	0 43	17 58	1 39	13 53	9 15	7 38	7 27	18 26	4 54	4 52
T 5	22 23	16 13	3 0	22 34	0 39	21 38	1 13	17 2	0 57	17 50	1 2	11 43	2 19	5 56	0 43	17 58	1 39	13 54	9 15	7 37	7 26	18 26	4 55	4 52
F 6	22 16	18 0	3 56	22 42	0 31	21 45	1 11	17 11	0 57	17 53	1 2	11 44	2 20	5 56	0 43	17 57	1 39	13 54	9 15	7 34	7 25	18 26	4 55	4 53
S 7	22 9	18 34	4 36	22 48	0 23	21 52	1 9	17 21	0 57	17 55	1 2	11 45	2 20	5 56	0 43	17 57	1 39	13 55	9 16	7 31	7 24	18 26	4 56	4 53
S 8	22 1	17 48	4 57	22 53	0 16	21 58	1 7	17 30	0 56	17 57	1 2	11 47	2 20	5 57	0 43	17 57	1 39	13 55	9 16	7 27	7 23	18 25	4 57	4 53
M 9	21 53	15 45	4 57	22 57	0 8	22 3	1 4	17 39	0 56	17 59	1 3	11 48	2 20	5 57	0 43	17 57	1 39	13 56	9 16	7 22	7 21	18 25	4 57	4 53
T 10	21 44	12 41	4 37	23 0	0 1	22 8	1 2	17 48	0 56	18 2	1 3	11 49	2 20	5 57	0 43	17 57	1 39	13 56	9 16	7 18	7 20	18 25	4 58	4 54
W11	21 35	8 53	3 58	23 2	0s 6	22 12	1 0	17 57	0 55	18 4	1 3	11 50	2 21	5 58	0 43	17 57	1 39	13 57	9 17	7 15	7 19	18 25	4 58	4 54
T 12	21 26	4 41	3 6	23 3	0 13	22 15	0 57	18 6	0 55	18 6	1 3	11 50	2 21	5 58	0 43	17 57	1 39	13 58	9 17	7 12	7 18	18 25	4 58	4 54
F 13	21 16	0 24	2 5	23 2	0 20	22 18	0 55	18 15	0 55	18 8	1 3	11 51	2 21	5 58	0 43	17 56	1 39	13 58	9 17	7 11	7 17	18 25	4 59	4 55
S 14	21 6	3s47	0 59	23 1	0 27	22 20	0 53	18 23	0 54	18 10	1 3	11 52	2 21	5 59	0 42	17 56	1 38	13 59	9 18	7 10	7 15	18 24	4 59	4 55
S 15	20 55	7 38	0n 9	22 58	0 34	22 22	0 50	18 32	0 54	18 12	1 3	11 53	2 22	5 59	0 42	17 56	1 38	13 59	9 18	7 10	7 14	18 24	4 59	4 55
M16	20 44	11 3	1 13	22 53	0 41	22 22	0 48	18 40	0 54	18 14	1 3	11 54	2 22	6 0	0 42	17 56	1 38	14 0	9 18	7 10	7 13	18 24	4 59	4 55
T 17	20 32	13 56	2 13	22 48	0 47	22 22	0 45	18 48	0 53	18 16	1 3	11 55	2 22	6 0	0 42	17 56	1 38	14 0	9 18	7 9	7 12	18 24	4 59	4 56
W18	20 20	16 10	3 7	22 41	0 53	22 22	0 43	18 57	0 53	18 18	1 4	11 55	2 22	6 1	0 42	17 56	1 38	14 1	9 19	7 8	7 11	18 24	4 59	4 56
T 19	20 8	17 41	3 51	22 34	0 59	22 20	0 40	19 4	0 53	18 20	1 4	11 56	2 23	6 1	0 42	17 56	1 38	14 2	9 19	7 6	7 9	18 24	4 59	4 56
F 20	19 55	18 26	4 26	22 25	1 5	22 18	0 38	19 12	0 52	18 22	1 4	11 57	2 23	6 2	0 42	17 56	1 38	14 2	9 19	7 3	7 8	18 23	4 59	4 56
S 21	19 42	18 23	4 49	22 14	1 11	22 16	0 35	19 20	0 52	18 24	1 4	11 57	2 23	6 2	0 42	17 56	1 38	14 3	9 20	6 58	7 7	18 23	4 59	4 57
S 22	19 29	17 32	5 0	22 3	1 16	22 12	0 33	19 28	0 51	18 26	1 4	11 58	2 23	6 3	0 42	17 56	1 38	14 3	9 20	6 53	7 6	18 23	4 59	4 57
M23	19 15	15 54	4 57	21 50	1 22	22 8	0 30	19 35	0 51	18 27	1 4	11 59	2 24	6 3	0 42	17 55	1 38	14 4	9 20	6 48	7 5	18 23	4 59	4 57
T 24	19 1	13 33	4 41	21 36	1 27	22 4	0 27	19 42	0 51	18 29	1 4	11 59	2 24	6 4	0 42	17 55	1 38	14 5	9 20	6 42	7 3	18 23	4 59	4 57
W25	18 46	10 34	4 12	21 21	1 31	21 58	0 25	19 49	0 50	18 31	1 4	12 0	2 24	6 4	0 42	17 55	1 38	14 5	9 21	6 38	7 2	18 22	4 58	4 58
T 26	18 32	7 6	3 30	21 5	1 36	21 52	0 22	19 56	0 50	18 32	1 5	12 0	2 25	6 5	0 42	17 55	1 38	14 6	9 21	6 34	7 1	18 22	4 58	4 58
F 27	18 16	3 17	2 38	20 47	1 40	21 46	0 20	20 3	0 49	18 34	1 5	12 1	2 25	6 6	0 42	17 55	1 38	14 7	9 21	6 31	7 0	18 22	4 58	4 58
S 28	18 1	0n44	1 37	20 28	1 44	21 39	0 17	20 10	0 49	18 36	1 5	12 1	2 25	6 6	0 42	17 55	1 38	14 7	9 21	6 30	6 59	18 22	4 57	4 58
S 29	17 45	4 48	0 30	20 8	1 48	21 31	0 14	20 17	0 48	18 37	1 5	12 1	2 25	6 7	0 42	17 55	1 38	14 8	9 22	6 29	6 57	18 21	4 57	4 58
M30	17 29	8 42	0s41	19 47	1 51	21 22	0 12	20 23	0 48	18 39	1 5	12 2	2 26	6 8	0 42	17 55	1 38	14 8	9 22	6 29	6 56	18 21	4 56	4 59
T 31	17s12	12n14	1s50	19s24	1s54	21s13	0n 9	20s30	0n48	18s40	1n 5	12s 2	2n26	6n 9	0s42	17n55	1s38	14n 9	9n22	6s29	6s55	18s21	4s56	4s59

Julian Day Number = 3068805.5, Delta T = 02h35m24s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'03, Lahiri = 47°33'04

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

FEBRUARY 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 49 33	12♒24'12	21♉37	11♒39	23♑45	7♐33	29♏ 2	8♏57	17♈28	27°R53	15°R51	16°R39	17♎44	28♐44	0°R52	W 1
T 2	8 53 30	13°25'15	5♊46	13°16	25° 0	8° 9	29° 9	8°59	17°30	27♉53	15♍50	16♎37	17°41	28°51	0♎50	T 2
F 3	8 57 27	14°26'18	20°15	14°54	26°15	8°44	29°16	9° 0	17°32	27°53	15°49	16°32	17°38	28°58	0°47	F 3
S 4	9 1 23	15°27'21	5♋ 0	16°32	27°30	9°19	29°23	9° 2	17°34	27°53	15°48	16°25	17°34	29° 4	0°45	S 4
S 5	9 5 20	16°28'23	19°54	18°11	28°45	9°54	29°30	9° 3	17°36	27°53	15°47	16°16	17°31	29°11	0°43	S 5
M 6	9 9 16	17°29'25	4♌50	19°50	0♒ 0	10°29	29°37	9° 4	17°38	27°D53	15°45	16° 7	17°28	29°18	0°40	M 6
T 7	9 13 13	18°30'27	19°38	21°29	1°16	11° 4	29°43	9° 5	17°40	27°53	15°44	15°57	17°25	29°25	0°37	T 7
W 8	9 17 9	19°31'29	4♍ 9	23° 9	2°31	11°39	29°50	9° 6	17°42	27°53	15°43	15°50	17°22	29°31	0°35	W 8
T 9	9 21 6	20°32'30	18°18	24°49	3°46	12°14	29°56	9° 7	17°45	27°53	15°42	15°44	17°19	29°38	0°32	T 9
F 10	9 25 2	21°33'31	2♎ 1	26°30	5° 1	12°49	0♐ 2	9° 8	17°47	27°53	15°40	15°41	17°15	29°45	0°29	F 10
S 11	9 28 59	22°34'32	15°16	28°11	6°16	13°24	0° 8	9° 9	17°49	27°53	15°39	15°D40	17°12	29°51	0°26	S 11
S 12	9 32 56	23°35'33	28° 6	29°52	7°32	13°59	0°14	9° 9	17°51	27°53	15°38	15°40	17° 9	29°58	0°23	S 12
M13	9 36 52	24°36'33	10♏35	1♓34	8°47	14°33	0°20	9°10	17°54	27°53	15°36	15°42	17° 6	0♑ 5	0°20	M13
T 14	9 40 49	25°37'34	22°46	3°16	10° 2	15° 8	0°25	9°10	17°56	27°54	15°35	15°R42	17° 3	0°12	0°16	T 14
W15	9 44 45	26°38'34	4♐45	4°59	11°17	15°43	0°30	9°10	17°59	27°54	15°34	15°42	16°59	0°18	0°13	W15
T 16	9 48 42	27°39'34	16°38	6°42	12°33	16°17	0°36	9°R10	18° 1	27°54	15°32	15°40	16°56	0°25	0°10	T 16
F 17	9 52 38	28°40'34	28°28	8°24	13°48	16°52	0°41	9°10	18° 3	27°55	15°31	15°36	16°53	0°32	0° 6	F 17
S 18	9 56 35	29°41'34	10♑21	10° 7	15° 3	17°26	0°46	9°10	18° 6	27°55	15°29	15°29	16°50	0°38	0° 2	S 18
S 19	10 0 31	0♓42'33	22°20	11°50	16°18	18° 1	0°50	9°10	18° 9	27°55	15°28	15°21	16°47	0°45	29♍59	S 19
M20	10 4 28	1°43'31	4♒27	13°32	17°33	18°35	0°55	9° 9	18°11	27°56	15°27	15°13	16°44	0°52	29°55	M20
T 21	10 8 25	2°44'29	16°46	15°14	18°49	19° 9	0°59	9° 9	18°14	27°56	15°25	15° 4	16°40	0°59	29°51	T 21
W22	10 12 21	3°45'26	29°16	16°56	20° 4	19°43	1° 3	9° 8	18°16	27°57	15°24	14°57	16°37	1° 5	29°47	W22
T 23	10 16 18	4°46'23	11♓58	18°36	21°19	20°17	1° 7	9° 8	18°19	27°58	15°22	14°51	16°34	1°12	29°43	T 23
F 24	10 20 14	5°47'18	24°53	20°16	22°34	20°51	1°11	9° 7	18°22	27°58	15°21	14°47	16°31	1°19	29°39	F 24
S 25	10 24 11	6°48'13	7♈59	21°54	23°50	21°25	1°15	9° 6	18°25	27°59	15°20	14°45	16°28	1°26	29°35	S 25
S 26	10 28 7	7°49'07	21°16	23°30	25° 5	21°59	1°18	9° 5	18°27	27°59	15°18	14°D45	16°25	1°32	29°31	S 26
M27	10 32 4	8°50'00	4♉45	25° 3	26°20	22°33	1°22	9° 4	18°30	28° 0	15°17	14°46	16°21	1°39	29°27	M27
T 28	10 36 0	9♓50'51	18♉26	26♓34	27♒35	23♐ 7	1♐25	9♏ 3	18♈33	28♉ 1	15♍15	14♎48	16♎18	1♑46	29♍22	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s56	15n11	2s55	19s 1	1s57	21s 3	0n 7	20s36	0n47	18s42	1n 5	12s 2	2n26	6n 9	0s42	17n55	1s38	14n10	9n22	6s29	6s54	18s21	4s55	4s59
T 2	16 38	17 17	3 51	18 36	2 0	20 52	0 4	20 42	0 47	18 43	1 6	12 3	2 26	6 10	0 42	17 55	1 37	14 10	9 22	6 28	6 53	18 21	4 54	4 59
F 3	16 21	18 20	4 33	18 10	2 2	20 41	0 1	20 48	0 46	18 44	1 6	12 3	2 27	6 11	0 42	17 55	1 37	14 11	9 23	6 27	6 51	18 20	4 54	4 59
S 4	16 3	18 10	4 58	17 43	2 4	20 29	0s 1	20 54	0 46	18 46	1 6	12 3	2 27	6 12	0 42	17 55	1 37	14 12	9 23	6 24	6 50	18 20	4 53	4 59
S 5	15 45	16 45	5 3	17 14	2 6	20 17	0 4	20 59	0 45	18 47	1 6	12 3	2 27	6 12	0 42	17 55	1 37	14 12	9 23	6 21	6 49	18 20	4 52	5 0
M 6	15 27	14 13	4 48	16 44	2 7	20 4	0 6	21 5	0 45	18 48	1 6	12 3	2 27	6 13	0 42	17 55	1 37	14 13	9 23	6 17	6 48	18 20	4 51	5 0
T 7	15 8	10 46	4 14	16 14	2 8	19 50	0 9	21 10	0 44	18 50	1 6	12 3	2 28	6 14	0 42	17 56	1 37	14 14	9 24	6 13	6 47	18 19	4 50	5 0
W 8	14 50	6 44	3 23	15 42	2 8	19 36	0 11	21 15	0 44	18 51	1 6	12 3	2 28	6 15	0 42	17 56	1 37	14 14	9 24	6 10	6 45	18 19	4 49	5 0
T 9	14 31	2 25	2 21	15 8	2 8	19 22	0 14	21 20	0 43	18 52	1 7	12 3	2 28	6 16	0 42	17 56	1 37	14 15	9 24	6 8	6 44	18 19	4 48	5 0
F 10	14 11	1s54	1 13	14 34	2 7	19 6	0 16	21 25	0 43	18 53	1 7	12 3	2 29	6 17	0 41	17 56	1 37	14 16	9 24	6 7	6 43	18 19	4 47	5 0
S 11	13 52	6 0	0 2	13 59	2 7	18 50	0 19	21 30	0 42	18 54	1 7	12 3	2 29	6 17	0 41	17 56	1 37	14 17	9 24	6 7	6 42	18 18	4 46	5 0
S 12	13 32	9 40	1n 6	13 22	2 5	18 34	0 21	21 35	0 41	18 55	1 7	12 3	2 29	6 18	0 41	17 56	1 37	14 17	9 25	6 7	6 41	18 18	4 45	5 0
M13	13 12	12 48	2 10	12 45	2 3	18 17	0 24	21 39	0 41	18 56	1 7	12 3	2 29	6 19	0 41	17 56	1 37	14 18	9 25	6 7	6 39	18 18	4 44	5 0
T 14	12 52	15 17	3 6	12 6	2 1	17 59	0 26	21 44	0 40	18 57	1 7	12 3	2 30	6 20	0 41	17 56	1 37	14 19	9 25	6 8	6 38	18 18	4 43	5 1
W15	12 31	17 4	3 53	11 26	1 58	17 41	0 29	21 48	0 40	18 58	1 8	12 3	2 30	6 21	0 41	17 56	1 37	14 19	9 25	6 7	6 37	18 17	4 41	5 1
T 16	12 11	18 5	4 30	10 45	1 55	17 23	0 31	21 52	0 39	18 59	1 8	12 3	2 30	6 22	0 41	17 56	1 37	14 20	9 25	6 7	6 36	18 17	4 40	5 1
F 17	11 50	18 18	4 54	10 3	1 51	17 4	0 33	21 56	0 39	19 0	1 8	12 2	2 30	6 23	0 41	17 57	1 37	14 21	9 25	6 5	6 35	18 17	4 39	5 1
S 18	11 29	17 43	5 7	9 21	1 46	16 44	0 36	22 0	0 38	19 1	1 8	12 2	2 31	6 24	0 41	17 57	1 37	14 21	9 25	6 3	6 33	18 17	4 37	5 1
S 19	11 7	16 22	5 6	8 37	1 41	16 24	0 38	22 4	0 37	19 1	1 8	12 2	2 31	6 25	0 41	17 57	1 37	14 22	9 26	6 0	6 32	18 16	4 36	5 1
M20	10 46	14 15	4 51	7 53	1 35	16 4	0 40	22 7	0 37	19 2	1 8	12 1	2 31	6 26	0 41	17 57	1 36	14 23	9 26	5 56	6 31	18 16	4 34	5 1
T 21	10 24	11 29	4 23	7 8	1 29	15 43	0 42	22 11	0 36	19 3	1 9	12 1	2 32	6 27	0 41	17 57	1 36	14 23	9 26	5 53	6 30	18 16	4 33	5 1
W22	10 2	8 10	3 41	6 22	1 22	15 22	0 44	22 14	0 35	19 4	1 9	12 0	2 32	6 28	0 41	17 57	1 36	14 24	9 26	5 50	6 29	18 15	4 31	5 1
T 23	9 40	4 25	2 48	5 36	1 14	15 0	0 46	22 17	0 35	19 4	1 9	12 0	2 32	6 29	0 41	17 58	1 36	14 25	9 26	5 48	6 27	18 15	4 30	5 1
F 24	9 18	0 24	1 46	4 49	1 5	14 38	0 48	22 20	0 34	19 5	1 9	12 0	2 32	6 30	0 41	17 58	1 36	14 25	9 26	5 46	6 26	18 15	4 28	5 1
S 25	8 56	3n42	0 37	4 3	0 56	14 15	0 50	22 23	0 34	19 5	1 9	11 59	2 33	6 31	0 41	17 58	1 36	14 26	9 26	5 46	6 25	18 15	4 26	5 1
S 26	8 34	7 40	0s35	3 16	0 46	13 52	0 52	22 26	0 33	19 6	1 9	11 58	2 33	6 32	0 41	17 58	1 36	14 27	9 27	5 46	6 24	18 14	4 25	5 1
M27	8 11	11 18	1 47	2 29	0 35	13 29	0 54	22 29	0 32	19 6	1 10	11 58	2 33	6 33	0 41	17 58	1 36	14 27	9 27	5 46	6 22	18 14	4 23	5 1
T 28	7s48	14n23	2s53	1s43	0s24	13s 5	0s56	22s31	0n31	19s 7	1n10	11s57	2n33	6n34	0s41	17n59	1s36	14n28	9n27	5s47	6s21	18s14	4s21	5s 0

Julian Day Number = 3068836.5, Delta T = 02h35m25s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'07, Lahiri = 47°33'08

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

MARCH 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 39 57	10♓51'41	2♊18	28♓ 2	28♒51	23♐40	1♐28	9°R 2	18♈36	28♉ 2	15°R14	14♎49	16♎15	1♑52	29°R18	W 1
T 2	10 43 54	11°52'31	16°22	29°25	0♓ 6	24°14	1°30	9♏ 0	18°39	28° 2	15♍12	14°R49	16°12	1°59	29♍14	T 2
F 3	10 47 50	12°53'18	0♋36	0♈44	1°21	24°47	1°33	8°59	18°42	28° 3	15°11	14°48	16° 9	2° 6	29° 9	F 3
S 4	10 51 47	13°54'05	14°58	1°58	2°36	25°21	1°36	8°57	18°45	28° 4	15° 9	14°45	16° 5	2°13	29° 5	S 4
S 5	10 55 43	14°54'50	29°25	3° 5	3°52	25°54	1°38	8°55	18°48	28° 5	15° 8	14°41	16° 2	2°19	29° 0	S 5
M 6	10 59 40	15°55'34	13♌51	4° 6	5° 7	26°27	1°40	8°53	18°51	28° 6	15° 6	14°37	15°59	2°26	28°56	M 6
T 7	11 3 36	16°56'16	28°12	4°59	6°22	27° 0	1°42	8°52	18°54	28° 7	15° 5	14°33	15°56	2°33	28°51	T 7
W 8	11 7 33	17°56'57	12♍21	5°44	7°37	27°34	1°43	8°50	18°57	28° 8	15° 4	14°29	15°53	2°39	28°47	W 8
T 9	11 11 29	18°57'37	26°13	6°19	8°52	28° 6	1°45	8°47	19° 0	28° 9	15° 2	14°27	15°50	2°46	28°42	T 9
F 10	11 15 26	19°58'15	9♎46	6°45	10° 8	28°39	1°46	8°45	19° 3	28°10	15° 1	14°D26	15°46	2°53	28°37	F 10
S 11	11 19 22	20°58'53	22°57	7° 1	11°23	29°12	1°47	8°43	19° 6	28°11	14°59	14°26	15°43	3° 0	28°33	S 11
S 12	11 23 19	21°59'29	5♏48	7°R 6	12°38	29°45	1°48	8°41	19° 9	28°12	14°58	14°27	15°40	3° 6	28°28	S 12
M13	11 27 16	23° 0'04	18°19	7° 1	13°53	0♑17	1°49	8°38	19°12	28°13	14°56	14°29	15°37	3°13	28°23	M13
T 14	11 31 12	24° 0'39	0♐34	6°46	15° 8	0°50	1°50	8°35	19°15	28°15	14°55	14°30	15°34	3°20	28°18	T 14
W15	11 35 9	25° 1'12	12°36	6°20	16°23	1°22	1°50	8°33	19°19	28°16	14°53	14°31	15°30	3°26	28°14	W15
T 16	11 39 5	26° 1'44	24°31	5°45	17°39	1°55	1°50	8°30	19°22	28°17	14°52	14°R32	15°27	3°33	28° 9	T 16
F 17	11 43 2	27° 2'15	6♑23	5° 1	18°54	2°27	1°R50	8°27	19°25	28°18	14°51	14°32	15°24	3°40	28° 4	F 17
S 18	11 46 58	28° 2'45	18°18	4°10	20° 9	2°59	1°50	8°24	19°28	28°20	14°49	14°31	15°21	3°47	27°59	S 18
S 19	11 50 55	29° 3'13	0♒18	3°13	21°24	3°31	1°50	8°21	19°31	28°21	14°48	14°29	15°18	3°53	27°55	S 19
M20	11 54 51	0♈ 3'41	12°29	2°11	22°39	4° 3	1°49	8°18	19°35	28°22	14°46	14°27	15°15	4° 0	27°50	M20
T 21	11 58 48	1° 4'07	24°54	1° 7	23°54	4°34	1°48	8°15	19°38	28°24	14°45	14°25	15°11	4° 7	27°45	T 21
W22	12 2 45	2° 4'31	7♓34	0° 1	25° 9	5° 6	1°47	8°12	19°41	28°25	14°44	14°23	15° 8	4°13	27°40	W22
T 23	12 6 41	3° 4'54	20°32	28♓56	26°25	5°37	1°46	8° 8	19°45	28°27	14°42	14°21	15° 5	4°20	27°35	T 23
F 24	12 10 38	4° 5'16	3♈46	27°52	27°40	6° 9	1°45	8° 5	19°48	28°28	14°41	14°21	15° 2	4°27	27°31	F 24
S 25	12 14 34	5° 5'36	17°17	26°52	28°55	6°40	1°43	8° 1	19°51	28°30	14°39	14°D20	14°59	4°34	27°26	S 25
S 26	12 18 31	6° 5'54	1♉ 1	25°57	0♈10	7°11	1°42	7°58	19°55	28°31	14°38	14°21	14°56	4°40	27°21	S 26
M27	12 22 27	7° 6'11	14°57	25° 7	1°25	7°42	1°40	7°54	19°58	28°33	14°37	14°21	14°52	4°47	27°16	M27
T 28	12 26 24	8° 6'26	29° 1	24°23	2°40	8°13	1°38	7°51	20° 1	28°34	14°35	14°22	14°49	4°54	27°12	T 28
W29	12 30 20	9° 6'39	13♊11	23°45	3°55	8°44	1°35	7°47	20° 5	28°36	14°34	14°23	14°46	5° 1	27° 7	W29
T 30	12 34 17	10° 6'50	27°24	23°14	5°10	9°14	1°33	7°43	20° 8	28°37	14°33	14°23	14°43	5° 7	27° 3	T 30
F 31	12 38 13	11♈ 6'59	11♋37	22♓51	6♈25	9♑44	1♐30	7♏39	20♈12	28♉39	14♍32	14°R23	14♎40	5♑14	26♍58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s26	16n40	3s51	0s57	0s11	12s41	0s58	22s34	0n31	19s 7	1n10	11s57	2n34	6n35	0s41	17n59	1s36	14n29	9n27	5s47	6s20	18s13	4s19	5s 0
T 2	7 3	17 58	4 35	0 12	0n 2	12 16	1 0	22 36	0 30	19 8	1 10	11 56	2 34	6 37	0 41	17 59	1 36	14 29	9 27	5 47	6 19	18 13	4 18	5 0
F 3	6 40	18 10	5 3	0n31	0 15	11 51	1 2	22 38	0 29	19 8	1 10	11 55	2 34	6 38	0 41	17 59	1 36	14 30	9 27	5 47	6 18	18 13	4 16	5 0
S 4	6 17	17 13	5 12	1 13	0 29	11 26	1 3	22 40	0 28	19 8	1 11	11 54	2 34	6 39	0 41	17 59	1 36	14 31	9 27	5 46	6 16	18 12	4 14	5 0
S 5	5 53	15 9	5 2	1 54	0 44	11 1	1 5	22 42	0 28	19 9	1 11	11 54	2 35	6 40	0 41	18 0	1 36	14 31	9 27	5 44	6 15	18 12	4 12	5 0
M 6	5 30	12 9	4 33	2 31	0 59	10 35	1 7	22 43	0 27	19 9	1 11	11 53	2 35	6 41	0 41	18 0	1 36	14 32	9 27	5 43	6 14	18 12	4 10	5 0
T 7	5 7	8 26	3 47	3 6	1 15	10 9	1 8	22 45	0 26	19 9	1 11	11 52	2 35	6 42	0 41	18 0	1 36	14 33	9 27	5 41	6 13	18 11	4 8	5 0
W 8	4 43	4 17	2 47	3 38	1 30	9 43	1 10	22 46	0 25	19 9	1 11	11 51	2 35	6 43	0 41	18 0	1 36	14 33	9 27	5 40	6 12	18 11	4 6	4 59
T 9	4 20	0s 1	1 38	4 7	1 46	9 16	1 11	22 48	0 25	19 9	1 11	11 50	2 36	6 45	0 41	18 1	1 36	14 34	9 27	5 39	6 10	18 11	4 4	4 59
F 10	3 56	4 14	0 26	4 31	2 1	8 49	1 12	22 49	0 24	19 9	1 12	11 49	2 36	6 46	0 41	18 1	1 36	14 34	9 28	5 38	6 9	18 10	4 2	4 59
S 11	3 33	8 7	0n47	4 51	2 17	8 22	1 14	22 50	0 23	19 9	1 12	11 48	2 36	6 47	0 41	18 1	1 35	14 35	9 28	5 38	6 8	18 10	4 0	4 59
S 12	3 9	11 31	1 55	5 7	2 31	7 55	1 15	22 51	0 22	19 9	1 12	11 47	2 36	6 48	0 41	18 2	1 35	14 36	9 28	5 39	6 7	18 10	3 58	4 59
M13	2 45	14 18	2 56	5 17	2 45	7 27	1 16	22 52	0 21	19 9	1 12	11 46	2 37	6 49	0 41	18 2	1 35	14 36	9 28	5 39	6 5	18 9	3 56	4 58
T 14	2 21	16 22	3 48	5 23	2 57	7 0	1 17	22 53	0 20	19 9	1 12	11 45	2 37	6 51	0 41	18 2	1 35	14 37	9 28	5 40	6 4	18 9	3 54	4 58
W15	1 58	17 40	4 28	5 23	3 9	6 32	1 18	22 53	0 19	19 9	1 12	11 44	2 37	6 52	0 41	18 3	1 35	14 37	9 28	5 40	6 3	18 9	3 52	4 58
T 16	1 34	18 10	4 57	5 18	3 18	6 4	1 19	22 54	0 19	19 9	1 13	11 43	2 37	6 53	0 41	18 3	1 35	14 38	9 28	5 41	6 2	18 8	3 50	4 58
F 17	1 10	17 52	5 13	5 8	3 26	5 35	1 20	22 54	0 18	19 9	1 13	11 42	2 37	6 54	0 41	18 3	1 35	14 39	9 28	5 41	6 1	18 8	3 47	4 57
S 18	0 46	16 47	5 15	4 53	3 32	5 7	1 21	22 55	0 17	19 9	1 13	11 41	2 38	6 55	0 41	18 4	1 35	14 39	9 28	5 40	5 59	18 8	3 45	4 57
S 19	0 22	14 57	5 4	4 34	3 36	4 38	1 22	22 55	0 16	19 9	1 13	11 40	2 38	6 57	0 41	18 4	1 35	14 40	9 28	5 39	5 58	18 7	3 43	4 57
M20	0n 1	12 26	4 39	4 11	3 37	4 9	1 23	22 55	0 15	19 8	1 13	11 39	2 38	6 58	0 41	18 4	1 35	14 40	9 28	5 39	5 57	18 7	3 41	4 56
T 21	0 25	9 19	4 1	3 45	3 36	3 41	1 23	22 55	0 14	19 8	1 13	11 38	2 38	6 59	0 41	18 5	1 35	14 41	9 28	5 38	5 56	18 7	3 39	4 56
W22	0 49	5 43	3 10	3 16	3 33	3 12	1 24	22 55	0 13	19 8	1 14	11 36	2 38	7 0	0 41	18 5	1 35	14 41	9 28	5 37	5 55	18 6	3 37	4 56
T 23	1 13	1 45	2 8	2 45	3 27	2 43	1 25	22 54	0 12	19 7	1 14	11 35	2 39	7 2	0 40	18 5	1 35	14 42	9 28	5 37	5 53	18 6	3 34	4 55
F 24	1 37	2n23	0 58	2 14	3 20	2 14	1 25	22 54	0 11	19 7	1 14	11 34	2 39	7 3	0 40	18 6	1 35	14 42	9 28	5 36	5 52	18 5	3 32	4 55
S 25	2 0	6 28	0s16	1 42	3 11	1 44	1 26	22 54	0 10	19 6	1 14	11 33	2 39	7 4	0 40	18 6	1 35	14 43	9 28	5 36	5 51	18 5	3 30	4 54
S 26	2 24	10 18	1 31	1 10	3 1	1 15	1 26	22 53	0 9	19 6	1 14	11 31	2 39	7 5	0 40	18 6	1 35	14 43	9 28	5 36	5 50	18 5	3 28	4 54
M27	2 48	13 36	2 42	0 40	2 49	0 46	1 26	22 52	0 8	19 5	1 14	11 30	2 39	7 7	0 40	18 7	1 35	14 44	9 28	5 37	5 48	18 4	3 25	4 54
T 28	3 11	16 7	3 43	0 11	2 36	0 17	1 27	22 52	0 6	19 5	1 15	11 29	2 39	7 8	0 40	18 7	1 35	14 44	9 28	5 37	5 47	18 4	3 23	4 53
W29	3 35	17 41	4 32	0s16	2 23	0n13	1 27	22 51	0 5	19 4	1 15	11 27	2 40	7 9	0 40	18 7	1 35	14 45	9 28	5 37	5 46	18 3	3 21	4 53
T 30	3 58	18 8	5 3	0 41	2 8	0 42	1 27	22 50	0 4	19 4	1 15	11 26	2 40	7 11	0 40	18 8	1 35	14 45	9 28	5 37	5 45	18 3	3 19	4 52
F 31	4n22	17n27	5s17	1s 4	1n54	1n12	1s27	22s49	0n 3	19s 3	1n15	11s25	2n40	7n12	0s40	18n 8	1s35	14n46	9n28	5s37	5s44	18s 3	3s17	4s52

Julian Day Number = 3068864.5, Delta T = 02h35m26s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'11, Lahiri = 47°33'12

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

APRIL 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 42 10	12♈ 7'07	25♋47	22°R34	7♈40	10♑15	1°R28	7°R35	20♈15	28♉41	14°R30	14°R23	14♎36	5♑21	26°R53	S 1
S 2	12 46 7	13° 7'12	9♌53	22♓24	8°55	10°45	1♐25	7♏31	20°18	28°42	14♍29	14♎23	14°33	5°27	26♍49	S 2
M 3	12 50 3	14° 7'14	23°53	22°D20	10°10	11°15	1°22	7°27	20°22	28°44	14°28	14°D23	14°30	5°34	26°44	M 3
T 4	12 54 0	15° 7'15	7♍43	22°23	11°25	11°44	1°18	7°23	20°25	28°46	14°27	14°23	14°27	5°41	26°40	T 4
W 5	12 57 56	16° 7'14	21°23	22°32	12°40	12°14	1°15	7°19	20°29	28°48	14°25	14°23	14°24	5°48	26°36	W 5
T 6	13 1 53	17° 7'11	4♎50	22°47	13°55	12°44	1°11	7°14	20°32	28°49	14°24	14°23	14°21	5°54	26°31	T 6
F 7	13 5 49	18° 7'06	18° 2	23° 7	15°10	13°13	1° 7	7°10	20°36	28°51	14°23	14°R23	14°17	6° 1	26°27	F 7
S 8	13 9 46	19° 7'00	0♏59	23°32	16°25	13°42	1° 3	7° 6	20°39	28°53	14°22	14°23	14°14	6° 8	26°23	S 8
S 9	13 13 42	20° 6'51	13°40	24° 2	17°39	14°11	0°59	7° 1	20°42	28°55	14°21	14°22	14°11	6°14	26°19	S 9
M10	13 17 39	21° 6'41	26° 7	24°36	18°54	14°40	0°55	6°57	20°46	28°57	14°19	14°22	14° 8	6°21	26°15	M10
T 11	13 21 36	22° 6'29	8♐21	25°15	20° 9	15° 8	0°50	6°53	20°49	28°59	14°18	14°21	14° 5	6°28	26°11	T 11
W12	13 25 32	23° 6'16	20°24	25°57	21°24	15°37	0°46	6°48	20°53	29° 1	14°17	14°19	14° 2	6°35	26° 7	W12
T 13	13 29 29	24° 6'01	2♑20	26°43	22°39	16° 5	0°41	6°44	20°56	29° 2	14°16	14°18	13°58	6°41	26° 3	T 13
F 14	13 33 25	25° 5'44	14°13	27°33	23°54	16°33	0°36	6°39	21° 0	29° 4	14°15	14°18	13°55	6°48	25°59	F 14
S 15	13 37 22	26° 5'26	26° 7	28°26	25° 8	17° 1	0°31	6°35	21° 3	29° 6	14°14	14°D17	13°52	6°55	25°55	S 15
S 16	13 41 18	27° 5'06	8♒ 7	29°22	26°23	17°28	0°25	6°30	21° 6	29° 8	14°13	14°18	13°49	7° 1	25°52	S 16
M17	13 45 15	28° 4'44	20°18	0♈20	27°38	17°56	0°20	6°25	21°10	29°10	14°12	14°18	13°46	7° 8	25°48	M17
T 18	13 49 11	29° 4'21	2♓43	1°22	28°53	18°23	0°14	6°21	21°13	29°12	14°11	14°20	13°42	7°15	25°44	T 18
W19	13 53 8	0♉ 3'56	15°27	2°26	0♉ 7	18°50	0° 9	6°16	21°17	29°14	14°10	14°21	13°39	7°22	25°41	W19
T 20	13 57 4	1° 3'29	28°32	3°32	1°22	19°17	0° 3	6°11	21°20	29°16	14° 9	14°22	13°36	7°28	25°38	T 20
F 21	14 1 1	2° 3'00	12♈ 0	4°41	2°37	19°43	29♏57	6° 7	21°24	29°18	14° 8	14°R23	13°33	7°35	25°34	F 21
S 22	14 4 58	3° 2'30	25°50	5°52	3°52	20°10	29°51	6° 2	21°27	29°20	14° 8	14°22	13°30	7°42	25°31	S 22
S 23	14 8 54	4° 1'58	9♉59	7° 5	5° 6	20°36	29°45	5°57	21°30	29°23	14° 7	14°21	13°27	7°49	25°28	S 23
M24	14 12 51	5° 1'24	24°24	8°20	6°21	21° 1	29°39	5°53	21°34	29°25	14° 6	14°19	13°23	7°55	25°25	M24
T 25	14 16 47	6° 0'48	8♊57	9°37	7°36	21°27	29°32	5°48	21°37	29°27	14° 5	14°16	13°20	8° 2	25°22	T 25
W26	14 20 44	7° 0'09	23°34	10°56	8°50	21°52	29°26	5°43	21°40	29°29	14° 4	14°13	13°17	8° 9	25°19	W26
T 27	14 24 40	7°59'29	8♋ 7	12°17	10° 5	22°17	29°19	5°38	21°44	29°31	14° 3	14°10	13°14	8°15	25°16	T 27
F 28	14 28 37	8°58'46	22°32	13°39	11°19	22°42	29°12	5°34	21°47	29°33	14° 3	14° 8	13°11	8°22	25°14	F 28
S 29	14 32 33	9°58'01	6♌44	15° 3	12°34	23° 6	29° 5	5°29	21°50	29°35	14° 2	14°D 7	13° 7	8°29	25°11	S 29
S 30	14 36 30	10♉57'14	20♌43	16♈29	13♉48	23♑30	28♏58	5♏24	21♈54	29♉37	14♍ 1	14♎ 8	13♎ 4	8♑36	25♍ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n45	15n42	5s11	1s24	1n39	1n41	1s27	22s48	0n 2	19s 2	1n15	11s23	2n40	7n13	0s40	18n 9	1s34	14n46	9n27	5s37	5s42	18s 2	3s14	4s51
S 2	5 8	13 0	4 46	1 42	1 25	2 10	1 27	22 47	0 1	19 1	1 15	11 22	2 40	7 14	0 40	18 9	1 34	14 47	9 27	5 37	5 41	18 2	3 12	4 51
M 3	5 31	9 35	4 5	1 56	1 10	2 40	1 27	22 45	0s 1	19 1	1 15	11 20	2 40	7 16	0 40	18 9	1 34	14 47	9 27	5 37	5 40	18 1	3 10	4 50
T 4	5 54	5 39	3 10	2 9	0 56	3 9	1 27	22 44	0 2	19 0	1 16	11 19	2 40	7 17	0 40	18 10	1 34	14 47	9 27	5 37	5 39	18 1	3 8	4 50
W 5	6 17	1 29	2 4	2 18	0 41	3 38	1 26	22 43	0 3	18 59	1 16	11 17	2 41	7 18	0 40	18 10	1 34	14 48	9 27	5 37	5 38	18 1	3 6	4 49
T 6	6 40	2s43	0 53	2 25	0 28	4 7	1 26	22 41	0 4	18 58	1 16	11 16	2 41	7 20	0 40	18 11	1 34	14 48	9 27	5 37	5 36	18 0	3 3	4 49
F 7	7 3	6 42	0n20	2 30	0 14	4 36	1 26	22 40	0 6	18 57	1 16	11 15	2 41	7 21	0 40	18 11	1 34	14 49	9 27	5 37	5 35	18 0	3 1	4 48
S 8	7 25	10 17	1 31	2 32	0 1	5 5	1 25	22 38	0 7	18 56	1 16	11 13	2 41	7 22	0 40	18 12	1 34	14 49	9 27	5 37	5 34	17 59	2 59	4 48
S 9	7 48	13 19	2 35	2 31	0s11	5 34	1 25	22 37	0 8	18 55	1 16	11 12	2 41	7 23	0 40	18 12	1 34	14 49	9 27	5 37	5 33	17 59	2 57	4 47
M10	8 10	15 41	3 31	2 29	0 23	6 2	1 24	22 35	0 10	18 54	1 16	11 10	2 41	7 25	0 40	18 12	1 34	14 50	9 27	5 37	5 31	17 59	2 55	4 47
T 11	8 32	17 16	4 16	2 24	0 35	6 31	1 23	22 33	0 11	18 53	1 17	11 9	2 41	7 26	0 40	18 13	1 34	14 50	9 27	5 36	5 30	17 58	2 53	4 46
W12	8 54	18 4	4 50	2 18	0 46	6 59	1 23	22 31	0 12	18 52	1 17	11 7	2 41	7 27	0 40	18 13	1 34	14 50	9 27	5 36	5 29	17 58	2 51	4 46
T 13	9 16	18 2	5 10	2 9	0 56	7 28	1 22	22 29	0 14	18 51	1 17	11 5	2 41	7 28	0 40	18 14	1 34	14 51	9 27	5 35	5 28	17 57	2 49	4 45
F 14	9 38	17 13	5 17	1 59	1 6	7 56	1 21	22 28	0 15	18 50	1 17	11 4	2 41	7 30	0 40	18 14	1 34	14 51	9 26	5 35	5 27	17 57	2 47	4 44
S 15	9 59	15 39	5 10	1 47	1 16	8 24	1 20	22 26	0 17	18 49	1 17	11 2	2 42	7 31	0 40	18 15	1 34	14 51	9 26	5 35	5 25	17 56	2 44	4 44
S 16	10 20	13 24	4 50	1 33	1 24	8 52	1 19	22 24	0 18	18 48	1 17	11 1	2 42	7 32	0 40	18 15	1 34	14 52	9 26	5 35	5 24	17 56	2 42	4 43
M17	10 42	10 32	4 16	1 17	1 33	9 19	1 18	22 22	0 20	18 47	1 17	10 59	2 42	7 34	0 40	18 16	1 34	14 52	9 26	5 35	5 23	17 56	2 40	4 43
T 18	11 3	7 8	3 30	1 0	1 41	9 46	1 17	22 19	0 21	18 45	1 17	10 58	2 42	7 35	0 40	18 16	1 34	14 52	9 26	5 36	5 22	17 55	2 39	4 42
W19	11 24	3 20	2 33	0 42	1 48	10 13	1 16	22 17	0 23	18 44	1 17	10 56	2 42	7 36	0 40	18 16	1 34	14 52	9 26	5 36	5 20	17 55	2 37	4 41
T 20	11 44	0n45	1 26	0 22	1 55	10 40	1 15	22 15	0 25	18 43	1 17	10 55	2 42	7 37	0 40	18 17	1 34	14 53	9 26	5 37	5 19	17 54	2 35	4 41
F 21	12 5	4 54	0 13	0 1	2 1	11 7	1 14	22 13	0 26	18 41	1 18	10 53	2 42	7 39	0 40	18 17	1 34	14 53	9 26	5 37	5 18	17 54	2 33	4 40
S 22	12 25	8 55	1s 3	0n22	2 7	11 33	1 12	22 11	0 28	18 40	1 18	10 52	2 42	7 40	0 40	18 18	1 34	14 53	9 25	5 37	5 17	17 53	2 31	4 39
S 23	12 45	12 31	2 17	0 46	2 12	11 59	1 11	22 9	0 30	18 39	1 18	10 50	2 42	7 41	0 40	18 18	1 34	14 53	9 25	5 36	5 16	17 53	2 29	4 39
M24	13 5	15 25	3 23	1 11	2 17	12 25	1 10	22 7	0 31	18 37	1 18	10 48	2 42	7 42	0 40	18 19	1 34	14 54	9 25	5 36	5 14	17 52	2 27	4 38
T 25	13 24	17 22	4 17	1 37	2 21	12 50	1 8	22 4	0 33	18 36	1 18	10 47	2 42	7 44	0 40	18 19	1 34	14 54	9 25	5 35	5 13	17 52	2 25	4 37
W26	13 44	18 10	4 54	2 4	2 25	13 16	1 7	22 2	0 35	18 35	1 18	10 45	2 42	7 45	0 40	18 20	1 34	14 54	9 25	5 33	5 12	17 51	2 24	4 37
T 27	14 3	17 46	5 12	2 32	2 28	13 40	1 5	22 0	0 37	18 33	1 18	10 44	2 42	7 46	0 40	18 20	1 34	14 54	9 25	5 32	5 11	17 51	2 22	4 36
F 28	14 22	16 15	5 11	3 1	2 31	14 5	1 4	21 58	0 39	18 32	1 18	10 42	2 42	7 47	0 40	18 21	1 34	14 54	9 25	5 32	5 9	17 50	2 20	4 35
S 29	14 40	13 44	4 50	3 31	2 33	14 29	1 2	21 56	0 40	18 30	1 18	10 41	2 42	7 49	0 40	18 21	1 34	14 54	9 24	5 31	5 8	17 50	2 19	4 35
S 30	14n59	10n28	4s13	4n 2	2s35	14n53	1s 0	21s53	0s42	18s29	1n18	10s39	2n42	7n50	0s40	18n22	1s34	14n54	9n24	5s31	5s 7	17s49	2s17	4s34

Julian Day Number = 3068895.5, Delta T = 02h35m27s
Ecliptic obliquity = 23°13'11, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'16, Lahiri = 47°33'16

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

MAY 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 40 27	11♉56'25	4♍26	17♈57	15♉ 3	23♋54	28°R51	5°R20	21♈57	29♉40	14°R 1	14♎ 9	13♎ 1	8♋42	25°R 6	M 1
T 2	14 44 23	12°55'33	17°55	19°26	16°17	24°18	28♏44	5♏15	22° 0	29°42	14♍ 0	14°10	12°58	8°49	25♍ 4	T 2
W 3	14 48 20	13°54'39	1♎ 9	20°56	17°32	24°41	28°37	5°10	22° 3	29°44	13°59	14°12	12°55	8°56	25° 2	W 3
T 4	14 52 16	14°53'43	14°11	22°29	18°46	25° 4	28°30	5° 6	22° 7	29°46	13°59	14°R12	12°52	9° 2	25° 0	T 4
F 5	14 56 13	15°52'44	27° 1	24° 2	20° 1	25°27	28°23	5° 1	22°10	29°48	13°58	14°12	12°48	9° 9	24°58	F 5
S 6	15 0 9	16°51'44	9♏39	25°38	21°15	25°49	28°15	4°57	22°13	29°51	13°58	14° 9	12°45	9°16	24°56	S 6
S 7	15 4 6	17°50'42	22° 6	27°15	22°29	26°11	28° 8	4°52	22°16	29°53	13°57	14° 5	12°42	9°23	24°54	S 7
M 8	15 8 2	18°49'38	4♐23	28°53	23°44	26°33	28° 1	4°48	22°19	29°55	13°57	14° 0	12°39	9°29	24°53	M 8
T 9	15 11 59	19°48'32	16°31	0♑33	24°58	26°54	27°53	4°43	22°23	29°57	13°56	13°53	12°36	9°36	24°51	T 9
W10	15 15 56	20°47'24	28°31	2°15	26°13	27°15	27°46	4°39	22°26	29°59	13°56	13°47	12°33	9°43	24°50	W10
T 11	15 19 52	21°46'15	10♑26	3°58	27°27	27°35	27°38	4°34	22°29	0♊ 2	13°55	13°40	12°29	9°50	24°49	T 11
F 12	15 23 49	22°45'04	22°18	5°42	28°41	27°56	27°30	4°30	22°32	0° 4	13°55	13°35	12°26	9°56	24°47	F 12
S 13	15 27 45	23°43'51	4♒11	7°29	29°55	28°15	27°23	4°26	22°35	0° 6	13°55	13°31	12°23	10° 3	24°46	S 13
S 14	15 31 42	24°42'36	16°10	9°17	1♊10	28°35	27°15	4°22	22°38	0° 9	13°54	13°29	12°20	10°10	24°45	S 14
M15	15 35 38	25°41'20	28°17	11° 6	2°24	28°54	27° 7	4°17	22°41	0°11	13°54	13°D29	12°17	10°16	24°44	M15
T 16	15 39 35	26°40'03	10♓40	12°57	3°38	29°12	27° 0	4°13	22°44	0°13	13°54	13°30	12°13	10°23	24°44	T 16
W17	15 43 31	27°38'43	23°21	14°50	4°52	29°31	26°52	4° 9	22°47	0°15	13°54	13°31	12°10	10°30	24°43	W17
T 18	15 47 28	28°37'22	6♈26	16°44	6° 6	29°48	26°44	4° 5	22°50	0°18	13°53	13°32	12° 7	10°37	24°42	T 18
F 19	15 51 25	29°36'00	19°57	18°40	7°21	0♒ 6	26°37	4° 1	22°53	0°20	13°53	13°R32	12° 4	10°43	24°42	F 19
S 20	15 55 21	0♊34'35	3♉55	20°38	8°35	0°23	26°29	3°57	22°56	0°22	13°53	13°30	12° 1	10°50	24°42	S 20
S 21	15 59 18	1°33'10	18°19	22°37	9°49	0°39	26°21	3°53	22°59	0°24	13°53	13°27	11°58	10°57	24°42	S 21
M22	16 3 14	2°31'42	3♊ 3	24°38	11° 3	0°55	26°14	3°49	23° 2	0°27	13°53	13°21	11°54	11° 4	24°D42	M22
T 23	16 7 11	3°30'13	18° 1	26°40	12°17	1°10	26° 6	3°45	23° 4	0°29	13°53	13°13	11°51	11°10	24°42	T 23
W24	16 11 7	4°28'42	3♋ 4	28°44	13°31	1°25	25°59	3°42	23° 7	0°31	13°53	13° 6	11°48	11°17	24°42	W24
T 25	16 15 4	5°27'09	18° 1	0♊49	14°45	1°39	25°51	3°38	23°10	0°33	13°D53	12°58	11°45	11°24	24°42	T 25
F 26	16 19 0	6°25'34	2♌45	2°55	15°59	1°53	25°44	3°34	23°13	0°36	13°53	12°52	11°42	11°30	24°42	F 26
S 27	16 22 57	7°23'57	17°10	5° 2	17°13	2° 7	25°36	3°31	23°15	0°38	13°53	12°48	11°39	11°37	24°43	S 27
S 28	16 26 54	8°22'18	1♍12	7°11	18°27	2°19	25°29	3°28	23°18	0°40	13°53	12°47	11°35	11°44	24°44	S 28
M29	16 30 50	9°20'36	14°52	9°20	19°41	2°32	25°22	3°24	23°21	0°42	13°53	12°D47	11°32	11°51	24°44	M29
T 30	16 34 47	10°18'53	28°11	11°30	20°55	2°43	25°14	3°21	23°23	0°45	13°53	12°47	11°29	11°57	24°45	T 30
W31	16 38 43	11♊17'08	11♎11	13♊40	22♊ 9	2♒54	25♏ 7	3♏18	23♈26	0♊47	13♍53	12°R48	11♎26	12♋ 4	24♍46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n17	6n40	3s21	4n34	2s36	15n16	0s58	21s51	0s44	18s27	1n18	10s38	2n42	7n51	0s40	18n22	1s34	14n55	9n24	5s32	5s 6	17s49	2s15	4s33
T 2	15 35	2 36	2 19	5 7	2 36	15 39	0 57	21 49	0 46	18 25	1 18	10 36	2 42	7 52	0 40	18 23	1 34	14 55	9 24	5 32	5 4	17 48	2 14	4 32
W 3	15 52	1s33	1 11	5 41	2 37	16 2	0 55	21 47	0 48	18 24	1 18	10 35	2 42	7 53	0 40	18 23	1 34	14 55	9 24	5 33	5 3	17 48	2 12	4 32
T 4	16 9	5 33	0 0	6 15	2 36	16 24	0 53	21 45	0 50	18 22	1 18	10 33	2 42	7 55	0 40	18 23	1 34	14 55	9 24	5 33	5 2	17 47	2 11	4 31
F 5	16 26	9 14	1n 9	6 50	2 36	16 46	0 51	21 43	0 52	18 21	1 18	10 32	2 42	7 56	0 40	18 24	1 34	14 55	9 24	5 33	5 1	17 47	2 9	4 30
S 6	16 43	12 26	2 15	7 25	2 34	17 7	0 49	21 41	0 55	18 19	1 18	10 30	2 42	7 57	0 40	18 24	1 34	14 55	9 23	5 32	5 0	17 47	2 8	4 29
S 7	17 0	15 2	3 12	8 1	2 32	17 28	0 47	21 39	0 57	18 17	1 18	10 29	2 42	7 58	0 40	18 25	1 34	14 55	9 23	5 30	4 58	17 46	2 7	4 29
M 8	17 16	16 54	4 0	8 38	2 30	17 48	0 45	21 37	0 59	18 16	1 18	10 28	2 42	7 59	0 40	18 25	1 34	14 55	9 23	5 28	4 57	17 45	2 5	4 28
T 9	17 32	17 58	4 36	9 15	2 27	18 8	0 43	21 35	1 1	18 14	1 18	10 26	2 41	8 0	0 40	18 26	1 34	14 55	9 23	5 26	4 56	17 45	2 4	4 27
W10	17 47	18 13	4 59	9 53	2 24	18 28	0 41	21 33	1 3	18 13	1 18	10 25	2 41	8 2	0 40	18 26	1 34	14 55	9 23	5 23	4 55	17 44	2 3	4 26
T 11	18 2	17 40	5 10	10 31	2 20	18 47	0 39	21 32	1 6	18 11	1 18	10 23	2 41	8 3	0 40	18 27	1 34	14 55	9 23	5 21	4 53	17 44	2 2	4 26
F 12	18 17	16 21	5 7	11 10	2 16	19 5	0 37	21 30	1 8	18 9	1 18	10 22	2 41	8 4	0 40	18 27	1 34	14 55	9 22	5 19	4 52	17 43	2 0	4 25
S 13	18 32	14 20	4 50	11 48	2 11	19 23	0 34	21 28	1 10	18 8	1 18	10 21	2 41	8 5	0 40	18 28	1 33	14 55	9 22	5 17	4 51	17 43	1 59	4 24
S 14	18 46	11 41	4 21	12 28	2 6	19 41	0 32	21 27	1 13	18 6	1 18	10 19	2 41	8 6	0 40	18 28	1 33	14 55	9 22	5 17	4 50	17 42	1 58	4 23
M15	19 0	8 30	3 40	13 7	2 0	19 58	0 30	21 25	1 15	18 4	1 18	10 18	2 41	8 7	0 40	18 29	1 33	14 55	9 22	5 16	4 49	17 42	1 57	4 23
T 16	19 14	4 54	2 48	13 46	1 54	20 14	0 28	21 24	1 18	18 3	1 18	10 17	2 41	8 8	0 41	18 29	1 33	14 55	9 22	5 17	4 47	17 41	1 56	4 22
W17	19 27	0 58	1 47	14 25	1 48	20 30	0 25	21 23	1 20	18 1	1 18	10 16	2 41	8 9	0 41	18 30	1 33	14 55	9 21	5 17	4 46	17 41	1 55	4 21
T 18	19 40	3n 7	0 38	15 5	1 40	20 45	0 23	21 21	1 23	17 59	1 18	10 14	2 41	8 10	0 41	18 30	1 33	14 55	9 21	5 18	4 45	17 40	1 54	4 20
F 19	19 53	7 12	0s35	15 44	1 33	21 0	0 21	21 20	1 26	17 57	1 18	10 13	2 40	8 11	0 41	18 31	1 33	14 55	9 21	5 18	4 44	17 40	1 53	4 19
S 20	20 5	11 1	1 48	16 23	1 25	21 14	0 18	21 19	1 28	17 56	1 18	10 12	2 40	8 12	0 41	18 31	1 33	14 54	9 21	5 17	4 42	17 39	1 53	4 19
S 21	20 17	14 18	2 56	17 1	1 17	21 27	0 16	21 19	1 31	17 54	1 18	10 11	2 40	8 13	0 41	18 31	1 33	14 54	9 21	5 16	4 41	17 39	1 52	4 18
M22	20 28	16 44	3 54	17 39	1 8	21 40	0 14	21 18	1 34	17 52	1 18	10 10	2 40	8 14	0 41	18 32	1 33	14 54	9 20	5 13	4 40	17 38	1 51	4 17
T 23	20 40	18 5	4 38	18 17	0 59	21 52	0 11	21 17	1 37	17 51	1 17	10 9	2 40	8 16	0 41	18 32	1 33	14 54	9 20	5 10	4 39	17 38	1 50	4 16
W24	20 50	18 9	5 2	18 53	0 49	22 4	0 9	21 17	1 40	17 49	1 17	10 7	2 40	8 17	0 41	18 33	1 33	14 54	9 20	5 7	4 37	17 37	1 50	4 16
T 25	21 1	16 59	5 5	19 29	0 39	22 15	0 6	21 16	1 42	17 47	1 17	10 6	2 40	8 18	0 41	18 33	1 33	14 54	9 20	5 5	4 36	17 36	1 49	4 15
F 26	21 11	14 41	4 48	20 4	0 29	22 25	0 4	21 16	1 45	17 46	1 17	10 5	2 39	8 18	0 41	18 34	1 33	14 53	9 20	5 2	4 35	17 36	1 49	4 14
S 27	21 21	11 31	4 13	20 38	0 19	22 35	0 2	21 16	1 48	17 44	1 17	10 4	2 39	8 19	0 41	18 34	1 33	14 53	9 20	5 1	4 34	17 35	1 48	4 13
S 28	21 30	7 46	3 24	21 10	0 9	22 44	0n 1	21 16	1 51	17 43	1 17	10 3	2 39	8 20	0 41	18 35	1 33	14 53	9 19	5 0	4 33	17 35	1 48	4 12
M29	21 39	3 42	2 24	21 40	0n 2	22 53	0 3	21 16	1 54	17 41	1 17	10 2	2 39	8 21	0 41	18 35	1 34	14 53	9 19	5 0	4 31	17 34	1 47	4 12
T 30	21 47	0s28	1 18	22 9	0 12	23 0	0 6	21 17	1 58	17 39	1 17	10 1	2 39	8 22	0 41	18 36	1 34	14 53	9 19	5 0	4 30	17 34	1 47	4 11
W31	21n56	4s31	0s 9	22n36	0n23	23n 8	0n 8	21s17	2s 1	17s38	1n17	10s 1	2n39	8n23	0s41	18n36	1s34	14n52	9n19	5s 1	4s29	17s33	1s46	4s10

Julian Day Number = 3068925.5, Delta T = 02h35m28s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'20, Lahiri = 47°33'20

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

JUNE 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 42 40	12♊15'21	23♎55	15♊50	23♊23	3♒ 5	25°R 0	3°R15	23♈28	0♊49	13♍53	12°R47	11♎23	12♑11	24♍47	T 1
F 2	16 46 36	13°13'32	6♏27	18° 0	24°37	3°15	24♏53	3♏12	23°31	0°51	13°54	12♎45	11°19	12°17	24°48	F 2
S 3	16 50 33	14°11'41	18°49	20°10	25°51	3°24	24°46	3° 9	23°33	0°54	13°54	12°40	11°16	12°24	24°50	S 3
S 4	16 54 29	15° 9'49	1♐ 2	22°19	27° 5	3°33	24°39	3° 6	23°36	0°56	13°54	12°32	11°13	12°31	24°51	S 4
M 5	16 58 26	16° 7'55	13° 8	24°27	28°18	3°41	24°33	3° 3	23°38	0°58	13°55	12°22	11°10	12°38	24°53	M 5
T 6	17 2 23	17° 5'59	25° 8	26°33	29°32	3°48	24°26	3° 0	23°41	1° 0	13°55	12°10	11° 7	12°44	24°54	T 6
W 7	17 6 19	18° 4'02	7♑ 4	28°38	0♋46	3°55	24°19	2°58	23°43	1° 2	13°55	11°58	11° 4	12°51	24°56	W 7
T 8	17 10 16	19° 2'04	18°57	0♋41	2° 0	4° 1	24°13	2°55	23°45	1° 5	13°56	11°46	11° 0	12°58	24°58	T 8
F 9	17 14 12	20° 0'04	0♒49	2°42	3°14	4° 7	24° 7	2°53	23°47	1° 7	13°56	11°36	10°57	13° 5	25° 0	F 9
S 10	17 18 9	20°58'03	12°43	4°41	4°27	4°12	24° 0	2°50	23°50	1° 9	13°56	11°27	10°54	13°11	25° 2	S 10
S 11	17 22 5	21°56'00	24°41	6°38	5°41	4°16	23°54	2°48	23°52	1°11	13°57	11°22	10°51	13°18	25° 4	S 11
M12	17 26 2	22°53'56	6♓47	8°31	6°55	4°19	23°48	2°46	23°54	1°13	13°57	11°18	10°48	13°25	25° 6	M12
T 13	17 29 58	23°51'51	19° 7	10°22	8° 8	4°22	23°43	2°44	23°56	1°15	13°58	11°D17	10°45	13°31	25° 9	T 13
W14	17 33 55	24°49'45	1♈44	12°10	9°22	4°24	23°37	2°42	23°58	1°18	13°58	11°17	10°41	13°38	25°11	W14
T 15	17 37 52	25°47'38	14°44	13°55	10°36	4°25	23°31	2°40	24° 0	1°20	13°59	11°R17	10°38	13°45	25°14	T 15
F 16	17 41 48	26°45'29	28°11	15°37	11°49	4°R26	23°26	2°38	24° 2	1°22	14° 0	11°16	10°35	13°52	25°17	F 16
S 17	17 45 45	27°43'20	12♉ 7	17°16	13° 3	4°25	23°20	2°36	24° 4	1°24	14° 0	11°13	10°32	13°58	25°19	S 17
S 18	17 49 41	28°41'10	26°31	18°52	14°16	4°24	23°15	2°35	24° 6	1°26	14° 1	11° 8	10°29	14° 5	25°22	S 18
M19	17 53 38	29°38'58	11♊21	20°24	15°30	4°23	23°10	2°33	24° 8	1°28	14° 2	11° 0	10°25	14°12	25°25	M19
T 20	17 57 34	0♋36'46	26°30	21°53	16°44	4°20	23° 5	2°32	24°10	1°30	14° 2	10°50	10°22	14°18	25°29	T 20
W21	18 1 31	1°34'32	11♋47	23°19	17°57	4°17	23° 1	2°30	24°12	1°32	14° 3	10°39	10°19	14°25	25°32	W21
T 22	18 5 28	2°32'17	27° 2	24°42	19°11	4°13	22°56	2°29	24°13	1°34	14° 4	10°29	10°16	14°32	25°35	T 22
F 23	18 9 24	3°30'00	12♌ 2	26° 1	20°24	4° 8	22°52	2°28	24°15	1°36	14° 5	10°20	10°13	14°39	25°39	F 23
S 24	18 13 21	4°27'42	26°42	27°17	21°38	4° 2	22°47	2°27	24°17	1°38	14° 5	10°14	10°10	14°45	25°42	S 24
S 25	18 17 17	5°25'23	10♍55	28°29	22°51	3°56	22°43	2°26	24°18	1°40	14° 6	10°10	10° 6	14°52	25°46	S 25
M26	18 21 14	6°23'02	24°40	29°38	24° 4	3°49	22°39	2°25	24°20	1°42	14° 7	10° 9	10° 3	14°59	25°50	M26
T 27	18 25 10	7°20'40	8♎ 0	0♌43	25°18	3°41	22°35	2°25	24°21	1°44	14° 8	10° 9	10° 0	15° 6	25°54	T 27
W28	18 29 7	8°18'16	20°56	1°44	26°31	3°33	22°32	2°24	24°23	1°46	14° 9	10° 8	9°57	15°12	25°58	W28
T 29	18 33 3	9°15'51	3♏33	2°42	27°45	3°23	22°28	2°23	24°24	1°48	14°10	10° 7	9°54	15°19	26° 2	T 29
F 30	18 37 0	10♋13'25	15♏56	3♌36	28♋58	3♒13	22♏25	2♏23	24♈26	1♊50	14♍11	10♎ 4	9♎51	15♑26	26♍ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	8s17	0n59	23n 1	0n33	23n14	0n11	21s18	2s 4	17s36	1n16	10s 0	2n38	8n24	0s41	18n36	1s34	14n52	9n19	5s 0	4s28	17s33	1s46	4s 9
F 2	22 11	11 37	2 3	23 24	0 43	23 20	0 13	21 19	2 7	17 35	1 16	9 59	2 38	8 25	0 41	18 37	1 34	14 52	9 18	4 59	4 26	17 32	1 46	4 9
S 3	22 18	14 23	3 0	23 44	0 53	23 25	0 16	21 20	2 11	17 33	1 16	9 58	2 38	8 26	0 41	18 37	1 34	14 52	9 18	4 57	4 25	17 31	1 46	4 8
S 4	22 24	16 28	3 47	24 2	1 3	23 29	0 18	21 21	2 14	17 32	1 16	9 57	2 38	8 27	0 41	18 38	1 34	14 51	9 18	4 54	4 24	17 31	1 45	4 7
M 5	22 30	17 48	4 24	24 18	1 12	23 33	0 21	21 23	2 17	17 30	1 16	9 56	2 38	8 28	0 41	18 38	1 34	14 51	9 18	4 51	4 23	17 30	1 45	4 6
T 6	22 36	18 19	4 49	24 31	1 21	23 36	0 23	21 24	2 21	17 29	1 16	9 56	2 37	8 28	0 41	18 39	1 34	14 51	9 18	4 46	4 21	17 30	1 45	4 5
W 7	22 41	18 1	5 1	24 41	1 29	23 38	0 25	21 26	2 24	17 27	1 16	9 55	2 37	8 29	0 41	18 39	1 34	14 50	9 17	4 41	4 20	17 29	1 45	4 5
T 8	22 46	16 57	5 0	24 49	1 36	23 40	0 28	21 28	2 28	17 26	1 15	9 54	2 37	8 30	0 41	18 40	1 34	14 50	9 17	4 37	4 19	17 28	1 45	4 4
F 9	22 51	15 8	4 46	24 55	1 43	23 41	0 30	21 30	2 31	17 25	1 15	9 54	2 37	8 31	0 41	18 40	1 34	14 50	9 17	4 33	4 18	17 28	1 45	4 3
S 10	22 55	12 42	4 19	24 58	1 49	23 41	0 33	21 33	2 35	17 23	1 15	9 53	2 37	8 32	0 41	18 40	1 34	14 49	9 17	4 29	4 17	17 27	1 45	4 2
S 11	22 59	9 42	3 41	24 58	1 55	23 41	0 35	21 35	2 39	17 22	1 15	9 53	2 36	8 32	0 41	18 41	1 34	14 49	9 17	4 27	4 15	17 27	1 46	4 2
M12	23 2	6 16	2 52	24 56	2 0	23 40	0 37	21 38	2 42	17 21	1 15	9 52	2 36	8 33	0 41	18 41	1 34	14 49	9 16	4 26	4 14	17 26	1 46	4 1
T 13	23 5	2 30	1 55	24 52	2 4	23 38	0 40	21 41	2 46	17 19	1 15	9 52	2 36	8 34	0 41	18 42	1 34	14 48	9 16	4 25	4 13	17 25	1 46	4 0
W14	23 7	1n27	0 50	24 46	2 7	23 35	0 42	21 44	2 50	17 18	1 14	9 51	2 36	8 35	0 41	18 42	1 34	14 48	9 16	4 26	4 12	17 25	1 46	3 59
T 15	23 9	5 28	0s18	24 38	2 9	23 32	0 44	21 48	2 54	17 17	1 14	9 51	2 36	8 35	0 41	18 42	1 34	14 47	9 16	4 26	4 10	17 24	1 47	3 59
F 16	23 11	9 21	1 28	24 28	2 10	23 28	0 46	21 51	2 58	17 16	1 14	9 50	2 35	8 36	0 41	18 43	1 34	14 47	9 16	4 25	4 9	17 24	1 47	3 58
S 17	23 12	12 52	2 35	24 17	2 11	23 24	0 49	21 55	3 2	17 15	1 14	9 50	2 35	8 37	0 41	18 43	1 34	14 47	9 15	4 24	4 8	17 23	1 47	3 57
S 18	23 13	15 43	3 35	24 4	2 11	23 18	0 51	21 59	3 6	17 14	1 14	9 50	2 35	8 37	0 41	18 44	1 34	14 46	9 15	4 22	4 7	17 22	1 48	3 56
M19	23 13	17 37	4 22	23 49	2 10	23 12	0 53	22 3	3 9	17 13	1 13	9 49	2 35	8 38	0 41	18 44	1 34	14 46	9 15	4 19	4 5	17 22	1 48	3 56
T 20	23 13	18 19	4 51	23 34	2 8	23 6	0 55	22 8	3 13	17 12	1 13	9 49	2 34	8 39	0 41	18 44	1 34	14 45	9 15	4 15	4 4	17 21	1 49	3 55
W21	23 13	17 43	5 1	23 17	2 5	22 58	0 57	22 13	3 17	17 11	1 13	9 49	2 34	8 39	0 41	18 45	1 34	14 45	9 15	4 11	4 3	17 21	1 50	3 54
T 22	23 12	15 50	4 48	22 59	2 1	22 50	0 59	22 17	3 21	17 10	1 13	9 49	2 34	8 40	0 41	18 45	1 34	14 44	9 15	4 7	4 2	17 20	1 50	3 53
F 23	23 10	12 55	4 16	22 40	1 57	22 42	1 1	22 22	3 25	17 9	1 12	9 49	2 34	8 41	0 41	18 45	1 34	14 44	9 14	4 3	4 0	17 19	1 51	3 53
S 24	23 9	9 14	3 28	22 20	1 51	22 33	1 3	22 28	3 29	17 8	1 12	9 48	2 33	8 41	0 41	18 46	1 34	14 44	9 14	4 1	3 59	17 19	1 52	3 52
S 25	23 7	5 7	2 28	22 0	1 45	22 23	1 5	22 33	3 33	17 7	1 12	9 48	2 33	8 42	0 41	18 46	1 34	14 43	9 14	4 0	3 58	17 18	1 52	3 51
M26	23 4	0 52	1 21	21 39	1 38	22 12	1 7	22 39	3 38	17 6	1 12	9 48	2 33	8 42	0 41	18 47	1 34	14 43	9 14	3 59	3 57	17 17	1 53	3 50
T 27	23 1	3s19	0 11	21 17	1 30	22 1	1 9	22 44	3 42	17 6	1 12	9 48	2 33	8 43	0 41	18 47	1 34	14 42	9 14	3 59	3 56	17 17	1 54	3 50
W28	22 58	7 13	0n57	20 55	1 22	21 49	1 11	22 50	3 46	17 5	1 11	9 48	2 32	8 43	0 41	18 47	1 34	14 42	9 14	3 59	3 54	17 16	1 55	3 49
T 29	22 54	10 42	2 0	20 33	1 12	21 36	1 13	22 56	3 50	17 4	1 11	9 48	2 32	8 44	0 41	18 48	1 34	14 41	9 13	3 58	3 53	17 15	1 56	3 48
F 30	22n50	13s38	2n57	20n11	1n 2	21n23	1n14	23s 3	3s54	17s 4	1n11	9s48	2n32	8n44	0s42	18n48	1s34	14n40	9n13	3s57	3s52	17s15	1s57	3s48

Julian Day Number = 3068956.5, Delta T = 02h35m29s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'24, Lahiri = 47°33'25

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

JULY 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 40 57	11♋10'58	28♏ 7	4♌26	0♌11	3°R 3	22°R22	2°R23	24♈27	1♊51	14♍12	9°R58	9♎47	15♑32	26♍10	S 1
S 2	18 44 53	12° 8'30	10♐10	5°12	1°25	2♒51	22♏19	2♏23	24°28	1°53	14°13	9♎49	9°44	15°39	26°14	S 2
M 3	18 48 50	13° 6'00	22° 8	5°54	2°38	2°39	22°16	2°22	24°30	1°55	14°14	9°37	9°41	15°46	26°19	M 3
T 4	18 52 46	14° 3'30	4♑ 3	6°32	3°51	2°27	22°14	2°D22	24°31	1°57	14°15	9°24	9°38	15°53	26°23	T 4
W 5	18 56 43	15° 0'58	15°56	7° 5	5° 4	2°13	22°11	2°22	24°32	1°59	14°16	9°10	9°35	15°59	26°28	W 5
T 6	19 0 39	15°58'26	27°49	7°35	6°17	1°59	22° 9	2°23	24°33	2° 0	14°17	8°57	9°31	16° 6	26°33	T 6
F 7	19 4 36	16°55'53	9♒43	8° 0	7°31	1°45	22° 7	2°23	24°34	2° 2	14°18	8°45	9°28	16°13	26°38	F 7
S 8	19 8 32	17°53'19	21°39	8°20	8°44	1°30	22° 5	2°23	24°35	2° 4	14°19	8°35	9°25	16°20	26°42	S 8
S 9	19 12 29	18°50'45	3♓41	8°36	9°57	1°14	22° 3	2°24	24°36	2° 6	14°21	8°28	9°22	16°26	26°47	S 9
M10	19 16 26	19°48'10	15°51	8°47	11°10	0°58	22° 2	2°25	24°37	2° 7	14°22	8°24	9°19	16°33	26°52	M10
T 11	19 20 22	20°45'34	28°12	8°54	12°23	0°42	22° 0	2°25	24°38	2° 9	14°23	8°22	9°16	16°40	26°58	T 11
W12	19 24 19	21°42'59	10♈49	8°R56	13°36	0°25	21°59	2°26	24°39	2°11	14°24	8°D22	9°12	16°46	27° 3	W12
T 13	19 28 15	22°40'22	23°46	8°54	14°49	0° 7	21°58	2°27	24°40	2°12	14°26	8°R22	9° 9	16°53	27° 8	T 13
F 14	19 32 12	23°37'46	7♉ 8	8°47	16° 2	29♑49	21°57	2°28	24°40	2°14	14°27	8°22	9° 6	17° 0	27°14	F 14
S 15	19 36 8	24°35'09	20°56	8°36	17°15	29°31	21°57	2°29	24°41	2°15	14°28	8°19	9° 3	17° 7	27°19	S 15
S 16	19 40 5	25°32'32	5♊12	8°21	18°28	29°13	21°56	2°30	24°42	2°17	14°29	8°15	9° 0	17°13	27°25	S 16
M17	19 44 1	26°29'55	19°54	8° 2	19°41	28°54	21°56	2°32	24°42	2°18	14°31	8° 8	8°57	17°20	27°30	M17
T 18	19 47 58	27°27'17	4♋58	7°39	20°54	28°35	21°D56	2°33	24°43	2°20	14°32	7°59	8°53	17°27	27°36	T 18
W19	19 51 55	28°24'39	20°13	7°14	22° 7	28°16	21°56	2°35	24°43	2°21	14°33	7°49	8°50	17°33	27°42	W19
T 20	19 55 51	29°22'01	5♌30	6°45	23°20	27°57	21°56	2°36	24°44	2°23	14°35	7°39	8°47	17°40	27°48	T 20
F 21	19 59 48	0♌19'22	20°37	6°13	24°33	27°37	21°57	2°38	24°44	2°24	14°36	7°31	8°44	17°47	27°54	F 21
S 22	20 3 44	1°16'43	5♍24	5°40	25°46	27°18	21°57	2°40	24°44	2°25	14°38	7°25	8°41	17°54	28° 0	S 22
S 23	20 7 41	2°14'03	19°46	5° 5	26°58	26°59	21°58	2°42	24°45	2°27	14°39	7°22	8°37	18° 0	28° 6	S 23
M24	20 11 37	3°11'22	3♎40	4°30	28°11	26°40	21°59	2°44	24°45	2°28	14°41	7°D21	8°34	18° 7	28°12	M24
T 25	20 15 34	4° 8'41	17° 5	3°54	29°24	26°21	22° 0	2°46	24°45	2°29	14°42	7°21	8°31	18°14	28°18	T 25
W26	20 19 30	5° 5'59	0♏ 4	3°19	0♍37	26° 2	22° 1	2°48	24°45	2°31	14°44	7°R21	8°28	18°21	28°25	W26
T 27	20 23 27	6° 3'17	12°42	2°44	1°49	25°44	22° 3	2°50	24°46	2°32	14°45	7°21	8°25	18°27	28°31	T 27
F 28	20 27 24	7° 0'35	25° 3	2°11	3° 2	25°25	22° 5	2°53	24°46	2°33	14°47	7°20	8°22	18°34	28°37	F 28
S 29	20 31 20	7°57'52	7♐11	1°41	4°15	25° 7	22° 6	2°55	24°R46	2°34	14°48	7°16	8°18	18°41	28°44	S 29
S 30	20 35 17	8°55'09	19°10	1°13	5°27	24°50	22° 9	2°58	24°46	2°35	14°50	7°10	8°15	18°47	28°50	S 30
M31	20 39 13	9♌52'25	1♑ 4	0♌48	6♍40	24♑32	22♏11	3♏ 0	24♈45	2♊37	14♍51	7♎ 1	8♎12	18♑54	28♍57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n45	15s55	3n44	19n49	0n51	21n10	1n16	23s 9	3s58	17s 3	1n11	9s49	2n32	8n45	0s42	18n48	1s34	14n40	9n13	3s55	3s51	17s14	1s58	3s47
S 2	22 40	17 28	4 21	19 26	0 40	20 55	1 18	23 16	4 2	17 3	1 10	9 49	2 31	8 45	0 42	18 49	1 34	14 39	9 13	3 51	3 49	17 14	1 59	3 46
M 3	22 35	18 14	4 46	19 4	0 28	20 41	1 19	23 22	4 5	17 2	1 10	9 49	2 31	8 46	0 42	18 49	1 34	14 39	9 13	3 47	3 48	17 13	2 0	3 45
T 4	22 29	18 11	4 58	18 42	0 15	20 25	1 21	23 29	4 9	17 2	1 10	9 49	2 31	8 46	0 42	18 49	1 34	14 38	9 13	3 42	3 47	17 12	2 1	3 45
W 5	22 23	17 21	4 58	18 21	0 1	20 9	1 22	23 36	4 13	17 1	1 10	9 49	2 31	8 46	0 42	18 50	1 34	14 38	9 12	3 36	3 46	17 12	2 2	3 44
T 6	22 16	15 46	4 44	18 0	0s13	19 53	1 24	23 43	4 17	17 1	1 10	9 50	2 30	8 47	0 42	18 50	1 34	14 37	9 12	3 31	3 44	17 11	2 4	3 43
F 7	22 9	13 31	4 18	17 39	0 28	19 36	1 25	23 50	4 21	17 1	1 9	9 50	2 30	8 47	0 42	18 50	1 34	14 37	9 12	3 26	3 43	17 10	2 5	3 43
S 8	22 2	10 41	3 40	17 19	0 43	19 18	1 26	23 57	4 25	17 1	1 9	9 51	2 30	8 48	0 42	18 50	1 34	14 36	9 12	3 22	3 42	17 10	2 6	3 42
S 9	21 54	7 23	2 52	17 0	0 59	19 0	1 27	24 4	4 28	17 0	1 9	9 51	2 30	8 48	0 42	18 51	1 34	14 35	9 12	3 20	3 41	17 9	2 8	3 41
M10	21 46	3 45	1 56	16 41	1 15	18 41	1 29	24 11	4 32	17 0	1 9	9 51	2 29	8 48	0 42	18 51	1 34	14 35	9 12	3 18	3 39	17 8	2 9	3 41
T 11	21 38	0n 7	0 54	16 24	1 32	18 22	1 30	24 18	4 35	17 0	1 8	9 52	2 29	8 48	0 42	18 51	1 35	14 34	9 12	3 17	3 38	17 8	2 10	3 40
W12	21 29	4 3	0s13	16 7	1 48	18 2	1 31	24 25	4 39	17 0	1 8	9 52	2 29	8 49	0 42	18 52	1 35	14 34	9 11	3 17	3 37	17 7	2 12	3 39
T 13	21 20	7 53	1 21	15 51	2 5	17 42	1 32	24 32	4 42	17 0	1 8	9 53	2 29	8 49	0 42	18 52	1 35	14 33	9 11	3 17	3 36	17 6	2 13	3 39
F 14	21 10	11 28	2 26	15 37	2 22	17 22	1 33	24 39	4 45	17 0	1 8	9 53	2 28	8 49	0 42	18 52	1 35	14 32	9 11	3 17	3 35	17 5	2 15	3 38
S 15	21 1	14 31	3 25	15 24	2 38	17 1	1 34	24 46	4 48	17 0	1 7	9 54	2 28	8 49	0 42	18 52	1 35	14 32	9 11	3 16	3 33	17 5	2 16	3 37
S 16	20 50	16 48	4 14	15 12	2 54	16 39	1 34	24 53	4 51	17 0	1 7	9 55	2 28	8 50	0 42	18 53	1 35	14 31	9 11	3 14	3 32	17 4	2 18	3 37
M17	20 40	18 4	4 47	15 1	3 10	16 17	1 35	24 59	4 54	17 0	1 7	9 55	2 28	8 50	0 42	18 53	1 35	14 31	9 11	3 12	3 31	17 3	2 20	3 36
T 18	20 29	18 6	5 2	14 52	3 26	15 55	1 36	25 6	4 57	17 1	1 7	9 56	2 27	8 50	0 42	18 53	1 35	14 30	9 11	3 8	3 30	17 3	2 21	3 36
W19	20 17	16 51	4 55	14 44	3 40	15 32	1 36	25 13	5 0	17 1	1 6	9 57	2 27	8 50	0 42	18 53	1 35	14 29	9 11	3 4	3 28	17 2	2 23	3 35
T 20	20 6	14 23	4 28	14 38	3 54	15 9	1 37	25 19	5 2	17 1	1 6	9 58	2 27	8 50	0 42	18 54	1 35	14 29	9 10	3 1	3 27	17 1	2 25	3 34
F 21	19 54	10 59	3 42	14 33	4 7	14 45	1 37	25 25	5 5	17 1	1 6	9 59	2 27	8 50	0 42	18 54	1 35	14 28	9 10	2 57	3 26	17 1	2 27	3 34
S 22	19 41	6 56	2 41	14 29	4 19	14 21	1 38	25 32	5 7	17 2	1 6	9 59	2 26	8 51	0 42	18 54	1 35	14 27	9 10	2 55	3 25	17 0	2 28	3 33
S 23	19 29	2 36	1 32	14 27	4 30	13 57	1 38	25 38	5 9	17 2	1 5	10 0	2 26	8 51	0 42	18 54	1 35	14 27	9 10	2 54	3 23	16 59	2 30	3 32
M24	19 16	1s45	0 20	14 27	4 39	13 32	1 38	25 43	5 11	17 3	1 5	10 1	2 26	8 51	0 42	18 55	1 35	14 26	9 10	2 53	3 22	16 58	2 32	3 32
T 25	19 3	5 51	0n52	14 27	4 46	13 7	1 38	25 49	5 13	17 3	1 5	10 2	2 26	8 51	0 42	18 55	1 35	14 25	9 10	2 53	3 21	16 58	2 34	3 31
W26	18 49	9 33	1 58	14 29	4 53	12 42	1 38	25 54	5 15	17 4	1 5	10 3	2 25	8 51	0 42	18 55	1 35	14 25	9 10	2 54	3 20	16 57	2 36	3 31
T 27	18 35	12 42	2 57	14 32	4 57	12 16	1 38	25 59	5 17	17 5	1 4	10 4	2 25	8 51	0 42	18 55	1 35	14 24	9 10	2 54	3 18	16 56	2 38	3 30
F 28	18 21	15 11	3 46	14 36	5 0	11 50	1 38	26 4	5 18	17 5	1 4	10 5	2 25	8 51	0 42	18 55	1 35	14 23	9 10	2 53	3 17	16 56	2 40	3 30
S 29	18 7	16 58	4 24	14 42	5 2	11 23	1 38	26 9	5 19	17 6	1 4	10 6	2 25	8 51	0 42	18 55	1 35	14 23	9 10	2 51	3 16	16 55	2 42	3 29
S 30	17 52	17 58	4 50	14 48	5 1	10 57	1 38	26 13	5 21	17 7	1 4	10 7	2 24	8 51	0 42	18 56	1 35	14 22	9 9	2 49	3 15	16 54	2 44	3 28
M31	17n37	18s10	5n 3	14n55	5s 0	10n30	1n38	26s17	5s22	17s 7	1n 3	10s 8	2n24	8n51	0s42	18n56	1s35	14n21	9n 9	2s46	3s13	16s53	2s46	3s28

Julian Day Number = 3068986.5, Delta T = 02h35m29s
Ecliptic obliquity = 23°13'09, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'28, Lahiri = 47°33'29

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

AUGUST 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 43 10	10♌49'41	12♉56	0°R27	7♍52	24°R16	22♏13	3♏ 3	24°R45	2♊38	14♍53	6°R52	8♎ 9	19♉ 1	29♍ 4	T 1
W 2	20 47 6	11°46'58	24°49	0♌10	9° 5	23♉59	22°16	3° 6	24♈45	2°39	14°55	6♎41	8° 6	19° 8	29°11	W 2
T 3	20 51 3	12°44'13	6♒44	29♋57	10°17	23°44	22°18	3° 9	24°45	2°40	14°56	6°31	8° 2	19°14	29°17	T 3
F 4	20 54 59	13°41'29	18°43	29°49	11°30	23°28	22°21	3°12	24°45	2°41	14°58	6°22	7°59	19°21	29°24	F 4
S 5	20 58 56	14°38'45	0♓47	29°D46	12°42	23°14	22°24	3°15	24°44	2°42	15° 0	6°15	7°56	19°28	29°31	S 5
S 6	21 2 53	15°36'01	12°57	29°48	13°54	23° 0	22°28	3°18	24°44	2°43	15° 1	6°10	7°53	19°34	29°38	S 6
M 7	21 6 49	16°33'18	25°17	29°55	15° 7	22°46	22°31	3°22	24°44	2°44	15° 3	6° 8	7°50	19°41	29°45	M 7
T 8	21 10 46	17°30'34	7♈48	0♌ 7	16°19	22°33	22°34	3°25	24°43	2°45	15° 5	6°D 7	7°47	19°48	29°53	T 8
W 9	21 14 42	18°27'51	20°32	0°25	17°31	22°21	22°38	3°28	24°43	2°45	15° 6	6° 8	7°43	19°55	29°59	W 9
T 10	21 18 39	19°25'09	3♉33	0°48	18°43	22°10	22°42	3°32	24°42	2°46	15° 8	6° 9	7°40	20° 1	0♎ 7	T 10
F 11	21 22 35	20°22'27	16°54	1°17	19°56	21°59	22°46	3°36	24°41	2°47	15°10	6°R10	7°37	20° 8	0°14	F 11
S 12	21 26 32	21°19'46	0♊37	1°51	21° 8	21°49	22°50	3°39	24°41	2°48	15°12	6°10	7°34	20°15	0°22	S 12
S 13	21 30 28	22°17'05	14°43	2°30	22°20	21°40	22°55	3°43	24°40	2°49	15°13	6° 8	7°31	20°21	0°29	S 13
M14	21 34 25	23°14'25	29°11	3°15	23°32	21°32	22°59	3°47	24°39	2°49	15°15	6° 4	7°28	20°28	0°37	M14
T 15	21 38 22	24°11'45	13♋58	4° 5	24°44	21°24	23° 4	3°51	24°39	2°50	15°17	5°59	7°24	20°35	0°44	T 15
W16	21 42 18	25° 9'07	28°57	5° 0	25°56	21°17	23° 9	3°55	24°38	2°51	15°19	5°53	7°21	20°42	0°52	W16
T 17	21 46 15	26° 6'28	14♌ 0	6° 1	27° 8	21°11	23°14	3°59	24°37	2°51	15°20	5°47	7°18	20°48	0°59	T 17
F 18	21 50 11	27° 3'50	28°57	7° 7	28°20	21° 6	23°19	4° 3	24°36	2°52	15°22	5°42	7°15	20°55	1° 7	F 18
S 19	21 54 8	28° 1'13	13♍40	8°17	29°32	21° 2	23°24	4° 8	24°35	2°52	15°24	5°39	7°12	21° 2	1°15	S 19
S 20	21 58 4	28°58'36	28° 2	9°33	0♎44	20°58	23°30	4°12	24°34	2°53	15°26	5°37	7° 8	21° 8	1°22	S 20
M21	22 2 1	29°55'59	11♎59	10°53	1°56	20°56	23°35	4°17	24°33	2°53	15°28	5°D37	7° 5	21°15	1°30	M21
T 22	22 5 57	0♍53'23	25°29	12°18	3° 7	20°54	23°41	4°21	24°32	2°54	15°29	5°38	7° 2	21°22	1°38	T 22
W23	22 9 54	1°50'47	8♏33	13°48	4°19	20°D53	23°47	4°26	24°31	2°54	15°31	5°40	6°59	21°29	1°46	W23
T 24	22 13 51	2°48'12	21°15	15°22	5°31	20°53	23°53	4°30	24°29	2°55	15°33	5°41	6°56	21°35	1°54	T 24
F 25	22 17 47	3°45'37	3♐38	17° 0	6°42	20°54	23°59	4°35	24°28	2°55	15°35	5°R42	6°53	21°42	2° 2	F 25
S 26	22 21 44	4°43'02	15°47	18°42	7°54	20°56	24° 5	4°40	24°27	2°55	15°37	5°41	6°49	21°49	2°10	S 26
S 27	22 25 40	5°40'28	27°46	20°27	9° 6	20°59	24°12	4°45	24°26	2°55	15°39	5°39	6°46	21°56	2°18	S 27
M28	22 29 37	6°37'55	9♑40	22°16	10°17	21° 2	24°18	4°50	24°24	2°56	15°41	5°36	6°43	22° 2	2°26	M28
T 29	22 33 33	7°35'21	21°32	24° 8	11°28	21° 6	24°25	4°55	24°23	2°56	15°42	5°32	6°40	22° 9	2°34	T 29
W30	22 37 30	8°32'49	3♒26	26° 3	12°40	21°11	24°32	5° 0	24°21	2°56	15°44	5°27	6°37	22°16	2°42	W30
T 31	22 41 26	9♍30'17	15♒25	28♌ 0	13♎51	21♑17	24♏39	5♏ 5	24♈20	2♊56	15♍46	5♎23	6♎34	22♑22	2♎50	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n21	17s34	5n 3	15n 2	4s56	10n 3	1n37	26s21	5s23	17s 8	1n 3	10s10	2n24	8n51	0s42	18n56	1s35	14n21	9n 9	2s42	3s12	16s53	2s48	3s27
W 2	17 6	16 13	4 50	15 11	4 52	9 35	1 37	26 25	5 23	17 9	1 3	10 11	2 24	8 50	0 43	18 56	1 36	14 20	9 9	2 38	3 11	16 52	2 50	3 27
T 3	16 50	14 9	4 24	15 19	4 46	9 8	1 36	26 29	5 24	17 10	1 3	10 12	2 23	8 50	0 43	18 56	1 36	14 19	9 9	2 34	3 10	16 51	2 53	3 26
F 4	16 34	11 29	3 46	15 28	4 38	8 40	1 36	26 32	5 24	17 11	1 2	10 13	2 23	8 50	0 43	18 56	1 36	14 18	9 9	2 30	3 8	16 50	2 55	3 26
S 5	16 17	8 19	2 58	15 37	4 30	8 12	1 35	26 35	5 25	17 12	1 2	10 14	2 23	8 50	0 43	18 57	1 36	14 18	9 9	2 28	3 7	16 50	2 57	3 25
S 6	16 1	4 46	2 1	15 46	4 20	7 44	1 34	26 37	5 25	17 13	1 2	10 16	2 23	8 50	0 43	18 57	1 36	14 17	9 9	2 26	3 6	16 49	2 59	3 25
M 7	15 44	0 58	0 58	15 55	4 9	7 15	1 33	26 40	5 25	17 14	1 2	10 17	2 22	8 50	0 43	18 57	1 36	14 16	9 9	2 25	3 5	16 48	3 2	3 24
T 8	15 27	2n56	0s 9	16 4	3 58	6 46	1 33	26 42	5 25	17 15	1 1	10 18	2 22	8 50	0 43	18 57	1 36	14 16	9 9	2 25	3 3	16 48	3 4	3 23
W 9	15 9	6 45	1 17	16 12	3 46	6 18	1 32	26 44	5 25	17 16	1 1	10 20	2 22	8 49	0 43	18 57	1 36	14 15	9 9	2 25	3 2	16 47	3 6	3 23
T 10	14 52	10 21	2 23	16 20	3 33	5 49	1 30	26 45	5 25	17 18	1 1	10 21	2 22	8 49	0 43	18 57	1 36	14 14	9 9	2 25	3 1	16 46	3 9	3 22
F 11	14 34	13 30	3 22	16 27	3 19	5 19	1 29	26 47	5 24	17 19	1 1	10 23	2 21	8 49	0 43	18 57	1 36	14 14	9 9	2 26	3 0	16 45	3 11	3 22
S 12	14 16	15 59	4 12	16 33	3 5	4 50	1 28	26 48	5 24	17 20	1 0	10 24	2 21	8 49	0 43	18 57	1 36	14 13	9 9	2 25	2 59	16 44	3 14	3 21
S 13	13 57	17 35	4 48	16 38	2 51	4 21	1 27	26 49	5 23	17 22	1 0	10 26	2 21	8 48	0 43	18 57	1 36	14 12	9 9	2 25	2 57	16 44	3 16	3 21
M14	13 39	18 6	5 7	16 43	2 36	3 51	1 25	26 49	5 23	17 23	1 0	10 27	2 21	8 48	0 43	18 58	1 36	14 11	9 9	2 23	2 56	16 43	3 19	3 20
T 15	13 20	17 25	5 6	16 46	2 22	3 22	1 24	26 50	5 22	17 24	1 0	10 29	2 21	8 48	0 43	18 58	1 36	14 11	9 9	2 21	2 55	16 42	3 21	3 20
W16	13 1	15 32	4 45	16 47	2 7	2 52	1 22	26 50	5 21	17 26	1 0	10 30	2 20	8 47	0 43	18 58	1 36	14 10	9 9	2 19	2 54	16 41	3 24	3 19
T 17	12 42	12 35	4 4	16 48	1 52	2 22	1 21	26 50	5 20	17 27	0 59	10 32	2 20	8 47	0 43	18 58	1 36	14 9	9 9	2 17	2 52	16 41	3 26	3 19
F 18	12 23	8 49	3 6	16 46	1 37	1 52	1 19	26 50	5 19	17 29	0 59	10 33	2 20	8 47	0 43	18 58	1 36	14 9	9 9	2 15	2 51	16 40	3 29	3 18
S 19	12 3	4 34	1 57	16 43	1 22	1 22	1 17	26 49	5 17	17 30	0 59	10 35	2 20	8 46	0 43	18 58	1 36	14 8	9 9	2 13	2 50	16 39	3 31	3 18
S 20	11 43	0 9	0 41	16 37	1 7	0 52	1 16	26 48	5 16	17 32	0 59	10 37	2 20	8 46	0 43	18 58	1 36	14 7	9 9	2 13	2 49	16 38	3 34	3 17
M21	11 24	4s10	0n35	16 30	0 52	0 22	1 14	26 47	5 15	17 33	0 58	10 38	2 19	8 45	0 43	18 58	1 36	14 6	9 9	2 13	2 47	16 38	3 37	3 17
T 22	11 3	8 7	1 46	16 21	0 38	0s 8	1 12	26 46	5 13	17 35	0 58	10 40	2 19	8 45	0 43	18 58	1 37	14 6	9 9	2 13	2 46	16 37	3 39	3 17
W23	10 43	11 32	2 50	16 9	0 24	0 38	1 10	26 45	5 12	17 37	0 58	10 42	2 19	8 45	0 43	18 58	1 37	14 5	9 9	2 14	2 45	16 36	3 42	3 16
T 24	10 23	14 18	3 44	15 55	0 11	1 8	1 7	26 43	5 10	17 38	0 58	10 44	2 19	8 44	0 43	18 58	1 37	14 4	9 9	2 14	2 44	16 35	3 45	3 16
F 25	10 2	16 20	4 25	15 38	0n 2	1 38	1 5	26 42	5 9	17 40	0 58	10 45	2 18	8 44	0 43	18 58	1 37	14 4	9 9	2 14	2 42	16 34	3 47	3 15
S 26	9 42	17 36	4 54	15 19	0 15	2 8	1 3	26 40	5 7	17 42	0 57	10 47	2 18	8 43	0 43	18 58	1 37	14 3	9 9	2 14	2 41	16 34	3 50	3 15
S 27	9 21	18 2	5 10	14 57	0 26	2 39	1 1	26 38	5 5	17 43	0 57	10 49	2 18	8 43	0 43	18 58	1 37	14 2	9 9	2 13	2 40	16 33	3 53	3 14
M28	9 0	17 41	5 12	14 33	0 37	3 9	0 58	26 35	5 3	17 45	0 57	10 51	2 18	8 42	0 43	18 58	1 37	14 1	9 9	2 12	2 39	16 32	3 56	3 14
T 29	8 39	16 34	5 1	14 6	0 48	3 39	0 56	26 33	5 2	17 47	0 57	10 53	2 18	8 42	0 43	18 58	1 37	14 1	9 9	2 11	2 37	16 31	3 58	3 13
W30	8 17	14 43	4 36	13 37	0 57	4 8	0 53	26 30	5 0	17 49	0 56	10 54	2 18	8 41	0 43	18 58	1 37	14 0	9 9	2 9	2 36	16 30	4 1	3 13
T 31	7n56	12s14	4n 0	13n 5	1n 6	4s38	0n51	26s27	4s58	17s51	0n56	10s56	2n17	8n41	0s43	18n58	1s37	13n59	9n 9	2s 7	2s35	16s30	4s 4	3s13

Julian Day Number = 3069017.5, Delta T = 02h35m30s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'33, Lahiri = 47°33'33

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

SEPTEMBER 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 45 23	10♍27'46	27♒31	29♌59	15♎ 2	21♑24	24♏46	5♏10	24°R18	2♊56	15♍48	5°R19	6♎30	22♑29	2♎58	F 1
S 2	22 49 20	11°25'16	9♓45	1♍59	16°14	21°31	24°53	5°16	24♈17	2°56	15°50	5♎16	6°27	22°36	3° 7	S 2
S 3	22 53 16	12°22'46	22°10	4° 1	17°25	21°40	25° 1	5°21	24°15	2°57	15°52	5°14	6°24	22°43	3°15	S 3
M 4	22 57 13	13°20'18	4♈45	6° 4	18°36	21°49	25° 8	5°27	24°14	2°R57	15°54	5°D14	6°21	22°49	3°23	M 4
T 5	23 1 9	14°17'51	17°33	8° 7	19°47	21°58	25°16	5°32	24°12	2°57	15°56	5°14	6°18	22°56	3°31	T 5
W 6	23 5 6	15°15'25	0♉34	10°10	20°58	22° 9	25°23	5°38	24°10	2°56	15°57	5°15	6°14	23° 3	3°40	W 6
T 7	23 9 2	16°13'00	13°49	12°14	22° 9	22°20	25°31	5°43	24° 9	2°56	15°59	5°17	6°11	23° 9	3°48	T 7
F 8	23 12 59	17°10'36	27°19	14°17	23°20	22°32	25°39	5°49	24° 7	2°56	16° 1	5°18	6° 8	23°16	3°57	F 8
S 9	23 16 55	18° 8'14	11♊ 5	16°20	24°31	22°45	25°47	5°55	24° 5	2°56	16° 3	5°19	6° 5	23°23	4° 5	S 9
S 10	23 20 52	19° 5'53	25° 6	18°22	25°42	22°58	25°56	6° 0	24° 3	2°56	16° 5	5°R19	6° 2	23°30	4°13	S 10
M11	23 24 48	20° 3'34	9♋22	20°23	26°52	23°12	26° 4	6° 6	24° 2	2°56	16° 7	5°18	5°59	23°36	4°22	M11
T 12	23 28 45	21° 1'16	23°49	22°24	28° 3	23°27	26°12	6°12	24° 0	2°56	16° 9	5°17	5°55	23°43	4°30	T 12
W13	23 32 42	21°59'00	8♌25	24°23	29°14	23°42	26°21	6°18	23°58	2°55	16°11	5°15	5°52	23°50	4°39	W13
T 14	23 36 38	22°56'45	23° 4	26°21	0♏24	23°58	26°30	6°24	23°56	2°55	16°13	5°14	5°49	23°56	4°47	T 14
F 15	23 40 35	23°54'31	7♍38	28°18	1°35	24°15	26°38	6°30	23°54	2°55	16°14	5°12	5°46	24° 3	4°56	F 15
S 16	23 44 31	24°52'19	22° 3	0♎13	2°45	24°33	26°47	6°36	23°52	2°54	16°16	5°12	5°43	24°10	5° 4	S 16
S 17	23 48 28	25°50'08	6♎13	2° 8	3°56	24°51	26°56	6°43	23°50	2°54	16°18	5°D11	5°39	24°17	5°13	S 17
M18	23 52 24	26°47'58	20° 2	4° 1	5° 6	25° 9	27° 6	6°49	23°48	2°53	16°20	5°12	5°36	24°23	5°21	M18
T 19	23 56 21	27°45'50	3♏30	5°52	6°16	25°29	27°15	6°55	23°46	2°53	16°22	5°12	5°33	24°30	5°30	T 19
W20	0 0 17	28°43'42	16°35	7°42	7°26	25°48	27°24	7° 1	23°44	2°52	16°24	5°13	5°30	24°37	5°39	W20
T 21	0 4 14	29°41'36	29°19	9°31	8°37	26° 9	27°34	7° 8	23°41	2°52	16°26	5°13	5°27	24°43	5°47	T 21
F 22	0 8 11	0♎39'31	11♐45	11°19	9°47	26°30	27°43	7°14	23°39	2°51	16°27	5°14	5°24	24°50	5°56	F 22
S 23	0 12 7	1°37'27	23°56	13° 5	10°57	26°51	27°53	7°21	23°37	2°51	16°29	5°14	5°20	24°57	6° 5	S 23
S 24	0 16 4	2°35'25	5♑56	14°50	12° 7	27°14	28° 2	7°27	23°35	2°50	16°31	5°R14	5°17	25° 4	6°13	S 24
M25	0 20 0	3°33'23	17°50	16°34	13°16	27°36	28°12	7°34	23°33	2°49	16°33	5°14	5°14	25°10	6°22	M25
T 26	0 23 57	4°31'23	29°43	18°16	14°26	27°59	28°22	7°40	23°31	2°49	16°35	5°14	5°11	25°17	6°30	T 26
W27	0 27 53	5°29'24	11♒39	19°57	15°36	28°23	28°32	7°47	23°28	2°48	16°37	5°D14	5° 8	25°24	6°39	W27
T 28	0 31 50	6°27'26	23°41	21°37	16°46	28°47	28°42	7°54	23°26	2°47	16°38	5°14	5° 5	25°30	6°48	T 28
F 29	0 35 46	7°25'30	5♓54	23°16	17°55	29°12	28°52	8° 0	23°24	2°47	16°40	5°14	5° 1	25°37	6°56	F 29
S 30	0 39 43	8♎23'35	18♓19	24♎53	19♏ 5	29♑37	29♏ 3	8♏ 7	23♈21	2♊46	16♍42	5♎14	4♎58	25♑44	7♎ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7n35	9s12	3n13	12n32	1n14	5s 8	0n48	26s24	4s56	17s53	0n56	10s58	2n17	8n40	0s43	18n58	1s37	13n59	9n 9	2s 6	2s34	16s29	4s 7	3s12
S 2	7 13	5 45	2 16	11 55	1 20	5 38	0 45	26 21	4 54	17 55	0 56	11 0	2 17	8 39	0 43	18 58	1 37	13 58	9 9	2 4	2 32	16 28	4 10	3 12
S 3	6 51	1 59	1 11	11 17	1 26	6 7	0 42	26 18	4 52	17 57	0 56	11 2	2 17	8 39	0 43	18 58	1 37	13 57	9 9	2 4	2 31	16 27	4 13	3 11
M 4	6 29	1n55	0 3	10 38	1 32	6 37	0 39	26 14	4 50	17 59	0 55	11 4	2 17	8 38	0 43	18 58	1 37	13 57	9 9	2 4	2 30	16 26	4 16	3 11
T 5	6 8	5 47	1s 7	9 56	1 36	7 6	0 37	26 10	4 48	18 1	0 55	11 6	2 16	8 38	0 43	18 58	1 37	13 56	9 9	2 4	2 29	16 25	4 19	3 11
W 6	5 45	9 27	2 15	9 13	1 39	7 36	0 34	26 7	4 45	18 3	0 55	11 8	2 16	8 37	0 43	18 58	1 37	13 55	9 9	2 4	2 27	16 25	4 21	3 10
T 7	5 23	12 42	3 17	8 29	1 42	8 5	0 30	26 3	4 43	18 5	0 55	11 10	2 16	8 36	0 43	18 58	1 37	13 55	9 9	2 5	2 26	16 24	4 24	3 10
F 8	5 1	15 20	4 9	7 43	1 43	8 34	0 27	25 59	4 41	18 7	0 55	11 12	2 16	8 36	0 43	18 58	1 37	13 54	9 9	2 5	2 25	16 23	4 27	3 9
S 9	4 39	17 8	4 48	6 57	1 44	9 2	0 24	25 54	4 39	18 9	0 54	11 14	2 16	8 35	0 43	18 57	1 38	13 53	9 9	2 5	2 24	16 22	4 30	3 9
S 10	4 17	17 57	5 11	6 10	1 45	9 31	0 21	25 50	4 37	18 11	0 54	11 16	2 16	8 34	0 43	18 57	1 38	13 53	9 9	2 5	2 22	16 21	4 33	3 9
M11	3 54	17 39	5 15	5 22	1 44	9 59	0 18	25 45	4 34	18 13	0 54	11 18	2 15	8 34	0 44	18 57	1 38	13 52	9 9	2 5	2 21	16 21	4 36	3 8
T 12	3 32	16 13	5 0	4 34	1 43	10 28	0 14	25 40	4 32	18 15	0 54	11 20	2 15	8 33	0 44	18 57	1 38	13 51	9 10	2 5	2 20	16 20	4 39	3 8
W13	3 9	13 44	4 25	3 46	1 41	10 56	0 11	25 35	4 30	18 17	0 54	11 22	2 15	8 32	0 44	18 57	1 38	13 51	9 10	2 4	2 19	16 19	4 42	3 8
T 14	2 47	10 21	3 33	2 57	1 39	11 23	0 8	25 30	4 28	18 19	0 53	11 24	2 15	8 32	0 44	18 57	1 38	13 50	9 10	2 3	2 17	16 18	4 45	3 7
F 15	2 24	6 21	2 27	2 8	1 36	11 51	0 4	25 25	4 25	18 22	0 53	11 26	2 15	8 31	0 44	18 57	1 38	13 49	9 10	2 3	2 16	16 17	4 48	3 7
S 16	2 1	2 1	1 12	1 20	1 32	12 18	0 1	25 20	4 23	18 24	0 53	11 28	2 15	8 30	0 44	18 57	1 38	13 49	9 10	2 3	2 15	16 16	4 51	3 7
S 17	1 38	2s21	0n 6	0 31	1 28	12 45	0s 3	25 14	4 21	18 26	0 53	11 31	2 15	8 29	0 44	18 57	1 38	13 48	9 10	2 3	2 14	16 15	4 55	3 6
M18	1 16	6 30	1 21	0s18	1 24	13 12	0 6	25 8	4 18	18 28	0 53	11 33	2 14	8 29	0 44	18 56	1 38	13 48	9 10	2 3	2 12	16 15	4 58	3 6
T 19	0 53	10 12	2 31	1 6	1 19	13 39	0 10	25 2	4 16	18 31	0 53	11 35	2 14	8 28	0 44	18 56	1 38	13 47	9 10	2 3	2 11	16 14	5 1	3 6
W20	0 30	13 17	3 30	1 54	1 14	14 5	0 14	24 56	4 14	18 33	0 52	11 37	2 14	8 27	0 44	18 56	1 38	13 46	9 10	2 3	2 10	16 13	5 4	3 5
T 21	0 7	15 38	4 17	2 41	1 9	14 31	0 17	24 50	4 11	18 35	0 52	11 39	2 14	8 26	0 44	18 56	1 38	13 46	9 11	2 3	2 9	16 12	5 7	3 5
F 22	0s16	17 11	4 51	3 28	1 3	14 57	0 21	24 44	4 9	18 37	0 52	11 41	2 14	8 25	0 44	18 56	1 38	13 45	9 11	2 4	2 7	16 11	5 10	3 5
S 23	0 38	17 54	5 11	4 15	0 57	15 22	0 25	24 37	4 6	18 40	0 52	11 44	2 14	8 25	0 44	18 56	1 38	13 45	9 11	2 4	2 6	16 10	5 13	3 4
S 24	1 1	17 48	5 17	5 1	0 50	15 47	0 29	24 31	4 4	18 42	0 52	11 46	2 14	8 24	0 44	18 56	1 38	13 44	9 11	2 4	2 5	16 9	5 16	3 4
M25	1 24	16 56	5 10	5 47	0 44	16 12	0 32	24 24	4 2	18 44	0 52	11 48	2 14	8 23	0 44	18 55	1 38	13 43	9 11	2 4	2 4	16 9	5 19	3 4
T 26	1 47	15 19	4 49	6 32	0 37	16 36	0 36	24 17	3 59	18 47	0 51	11 50	2 13	8 22	0 44	18 55	1 38	13 43	9 11	2 4	2 2	16 8	5 22	3 3
W27	2 10	13 2	4 15	7 16	0 30	17 0	0 40	24 10	3 57	18 49	0 51	11 52	2 13	8 21	0 44	18 55	1 38	13 42	9 11	2 4	2 1	16 7	5 26	3 3
T 28	2 32	10 11	3 31	8 0	0 23	17 24	0 44	24 3	3 55	18 51	0 51	11 55	2 13	8 21	0 44	18 55	1 39	13 42	9 12	2 4	2 0	16 6	5 29	3 3
F 29	2 55	6 51	2 36	8 43	0 15	17 47	0 48	23 55	3 52	18 54	0 51	11 57	2 13	8 20	0 44	18 55	1 39	13 41	9 12	2 4	1 59	16 5	5 32	3 3
S 30	3s18	3s10	1n33	9s26	0n 8	18s10	0s52	23s47	3s50	18s56	0n51	11s59	2n13	8n19	0s44	18n54	1s39	13n41	9n12	2s 4	1s57	16s 4	5s35	3s 2

Julian Day Number = 3069048.5, Delta T = 02h35m31s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'37, Lahiri = 47°33'37

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

OCTOBER 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 43 39	9♎21'42	0♈58	26♎29	20♏14	0♒ 3	29♏13	8♏14	23°R19	2°R45	16♍44	5°R15	4♎55	25♉51	7♎14	S 1
M 2	0 47 36	10°19'50	13°53	28° 4	21°23	0°29	29°24	8°21	23♈17	2♊44	16°45	5♎14	4°52	25°57	7°22	M 2
T 3	0 51 33	11°18'00	27° 3	29°38	22°32	0°55	29°34	8°28	23°15	2°43	16°47	5°14	4°49	26° 4	7°31	T 3
W 4	0 55 29	12°16'11	10♉28	1♏11	23°41	1°22	29°45	8°35	23°12	2°42	16°49	5°14	4°45	26°11	7°40	W 4
T 5	0 59 26	13°14'24	24° 6	2°42	24°50	1°50	29°55	8°41	23°10	2°41	16°51	5°13	4°42	26°17	7°48	T 5
F 6	1 3 22	14°12'40	7♊56	4°12	25°59	2°17	0♐ 6	8°48	23° 7	2°40	16°52	5°12	4°39	26°24	7°57	F 6
S 7	1 7 19	15°10'57	21°55	5°41	27° 8	2°46	0°17	8°55	23° 5	2°39	16°54	5°11	4°36	26°31	8° 5	S 7
S 8	1 11 15	16° 9'16	6♋ 2	7° 9	28°17	3°14	0°28	9° 2	23° 3	2°38	16°56	5°10	4°33	26°38	8°14	S 8
M 9	1 15 12	17° 7'37	20°13	8°36	29°25	3°43	0°39	9° 9	23° 0	2°37	16°58	5°D10	4°30	26°44	8°23	M 9
T 10	1 19 8	18° 6'01	4♌28	10° 1	0♐34	4°12	0°50	9°17	22°58	2°36	16°59	5°10	4°26	26°51	8°31	T 10
W11	1 23 5	19° 4'26	18°42	11°26	1°42	4°42	1° 1	9°24	22°56	2°35	17° 1	5°11	4°23	26°58	8°40	W11
T 12	1 27 2	20° 2'53	2♍54	12°49	2°51	5°12	1°12	9°31	22°53	2°34	17° 3	5°12	4°20	27° 4	8°48	T 12
F 13	1 30 58	21° 1'22	17° 1	14°10	3°59	5°43	1°24	9°38	22°51	2°33	17° 4	5°13	4°17	27°11	8°57	F 13
S 14	1 34 55	21°59'54	1♎ 0	15°31	5° 7	6°13	1°35	9°45	22°48	2°32	17° 6	5°R14	4°14	27°18	9° 6	S 14
S 15	1 38 51	22°58'27	14°46	16°50	6°15	6°45	1°46	9°52	22°46	2°30	17° 7	5°14	4°11	27°25	9°14	S 15
M16	1 42 48	23°57'02	28°19	18° 8	7°23	7°16	1°58	9°59	22°43	2°29	17° 9	5°13	4° 7	27°31	9°23	M16
T 17	1 46 44	24°55'39	11♏35	19°24	8°31	7°48	2°10	10° 7	22°41	2°28	17°10	5°11	4° 4	27°38	9°31	T 17
W18	1 50 41	25°54'17	24°33	20°39	9°39	8°20	2°21	10°14	22°39	2°27	17°12	5° 8	4° 1	27°45	9°40	W18
T 19	1 54 37	26°52'58	7♐14	21°52	10°46	8°53	2°33	10°21	22°36	2°25	17°14	5° 4	3°58	27°51	9°48	T 19
F 20	1 58 34	27°51'40	19°39	23° 3	11°54	9°25	2°45	10°29	22°34	2°24	17°15	5° 1	3°55	27°58	9°57	F 20
S 21	2 2 31	28°50'23	1♑50	24°13	13° 1	9°59	2°56	10°36	22°31	2°23	17°17	4°58	3°51	28° 5	10° 5	S 21
S 22	2 6 27	29°49'09	13°50	25°20	14° 8	10°32	3° 8	10°43	22°29	2°22	17°18	4°56	3°48	28°11	10°13	S 22
M23	2 10 24	0♏47'56	25°44	26°26	15°15	11° 6	3°20	10°51	22°27	2°20	17°20	4°D55	3°45	28°18	10°22	M23
T 24	2 14 20	1°46'44	7♒37	27°30	16°22	11°40	3°32	10°58	22°24	2°19	17°21	4°55	3°42	28°25	10°30	T 24
W25	2 18 17	2°45'35	19°32	28°31	17°29	12°14	3°44	11° 5	22°22	2°17	17°22	4°56	3°39	28°32	10°38	W25
T 26	2 22 13	3°44'26	1♓35	29°29	18°35	12°48	3°56	11°13	22°20	2°16	17°24	4°57	3°36	28°38	10°47	T 26
F 27	2 26 10	4°43'20	13°50	0♐25	19°42	13°23	4° 9	11°20	22°17	2°15	17°25	4°59	3°32	28°45	10°55	F 27
S 28	2 30 6	5°42'15	26°22	1°18	20°48	13°58	4°21	11°27	22°15	2°13	17°27	5° 0	3°29	28°52	11° 3	S 28
S 29	2 34 3	6°41'12	9♈12	2° 8	21°54	14°33	4°33	11°35	22°13	2°12	17°28	5°R 1	3°26	28°58	11°11	S 29
M30	2 37 59	7°40'11	22°24	2°54	23° 0	15° 9	4°45	11°42	22°10	2°10	17°29	4°59	3°23	29° 5	11°19	M30
T 31	2 41 56	8♏39'12	5♉56	3♐36	24♐ 6	15♒45	4♐58	11♏50	22♈ 8	2♊ 9	17♍31	4♎56	3♎20	29♉12	11♎28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s41	0n45	0n24	10s 7	0n 0	18s32	0s56	23s40	3s48	18s58	0n51	12s 1	2n13	8n18	0s44	18n54	1s39	13n40	9n12	2s 4	1s56	16s 3	5s38	3s 2
M 2	4 3	4 42	0s48	10 48	0s 7	18 54	1 0	23 32	3 45	19 1	0 50	12 4	2 13	8 17	0 44	18 54	1 39	13 39	9 12	2 4	1 55	16 2	5 41	3 2
T 3	4 26	8 30	1 58	11 29	0 15	19 16	1 3	23 24	3 43	19 3	0 50	12 6	2 13	8 16	0 44	18 54	1 39	13 39	9 12	2 4	1 54	16 2	5 44	3 2
W 4	4 48	11 55	3 3	12 8	0 23	19 37	1 7	23 15	3 41	19 6	0 50	12 8	2 13	8 15	0 44	18 54	1 39	13 38	9 13	2 3	1 52	16 1	5 47	3 1
T 5	5 11	14 46	3 59	12 47	0 31	19 57	1 11	23 7	3 38	19 8	0 50	12 10	2 12	8 15	0 44	18 53	1 39	13 38	9 13	2 3	1 51	16 0	5 51	3 1
F 6	5 33	16 48	4 42	13 25	0 39	20 18	1 15	22 58	3 36	19 10	0 50	12 13	2 12	8 14	0 44	18 53	1 39	13 37	9 13	2 3	1 50	15 59	5 54	3 1
S 7	5 56	17 51	5 8	14 2	0 47	20 38	1 19	22 50	3 34	19 13	0 50	12 15	2 12	8 13	0 44	18 53	1 39	13 37	9 13	2 2	1 49	15 58	5 57	3 1
S 8	6 18	17 49	5 16	14 38	0 55	20 57	1 23	22 41	3 31	19 15	0 50	12 17	2 12	8 12	0 44	18 53	1 39	13 36	9 13	2 2	1 47	15 57	6 0	3 0
M 9	6 40	16 40	5 6	15 14	1 3	21 16	1 27	22 32	3 29	19 18	0 49	12 20	2 12	8 11	0 44	18 52	1 39	13 36	9 13	2 2	1 46	15 56	6 3	3 0
T 10	7 2	14 30	4 36	15 48	1 10	21 34	1 31	22 23	3 27	19 20	0 49	12 22	2 12	8 10	0 44	18 52	1 39	13 36	9 14	2 2	1 45	15 55	6 6	3 0
W11	7 24	11 26	3 50	16 22	1 18	21 52	1 35	22 13	3 24	19 22	0 49	12 24	2 12	8 9	0 44	18 52	1 39	13 35	9 14	2 3	1 44	15 54	6 10	3 0
T 12	7 46	7 42	2 49	16 55	1 26	22 9	1 39	22 4	3 22	19 25	0 49	12 26	2 12	8 8	0 44	18 52	1 39	13 35	9 14	2 3	1 42	15 53	6 13	2 59
F 13	8 8	3 33	1 39	17 26	1 34	22 26	1 43	21 54	3 20	19 27	0 49	12 29	2 12	8 8	0 44	18 51	1 39	13 34	9 14	2 3	1 41	15 52	6 16	2 59
S 14	8 30	0s45	0 23	17 57	1 42	22 42	1 47	21 44	3 17	19 30	0 49	12 31	2 12	8 7	0 44	18 51	1 39	13 34	9 15	2 4	1 40	15 52	6 19	2 59
S 15	8 51	4 58	0n52	18 27	1 49	22 58	1 51	21 34	3 15	19 32	0 49	12 33	2 12	8 6	0 44	18 51	1 39	13 33	9 15	2 4	1 39	15 51	6 22	2 59
M16	9 13	8 51	2 4	18 56	1 57	23 13	1 54	21 24	3 13	19 34	0 48	12 36	2 12	8 5	0 44	18 51	1 39	13 33	9 15	2 3	1 37	15 50	6 25	2 58
T 17	9 34	12 12	3 7	19 24	2 4	23 28	1 58	21 13	3 11	19 37	0 48	12 38	2 12	8 4	0 44	18 50	1 39	13 32	9 15	2 2	1 36	15 49	6 28	2 58
W18	9 55	14 52	3 59	19 51	2 11	23 42	2 2	21 3	3 8	19 39	0 48	12 40	2 12	8 3	0 44	18 50	1 39	13 32	9 15	2 1	1 35	15 48	6 32	2 58
T 19	10 16	16 45	4 38	20 17	2 18	23 56	2 6	20 52	3 6	19 42	0 48	12 42	2 11	8 2	0 44	18 50	1 39	13 32	9 16	2 0	1 34	15 47	6 35	2 58
F 20	10 37	17 47	5 3	20 42	2 25	24 9	2 9	20 41	3 4	19 44	0 48	12 45	2 11	8 1	0 44	18 50	1 39	13 31	9 16	1 58	1 32	15 46	6 38	2 58
S 21	10 58	17 59	5 14	21 6	2 31	24 21	2 13	20 30	3 2	19 46	0 48	12 47	2 11	8 1	0 44	18 49	1 39	13 31	9 16	1 57	1 31	15 45	6 41	2 57
S 22	11 18	17 22	5 10	21 29	2 38	24 33	2 17	20 19	2 59	19 49	0 48	12 49	2 11	8 0	0 44	18 49	1 39	13 31	9 16	1 56	1 30	15 44	6 44	2 57
M23	11 39	15 59	4 54	21 50	2 44	24 44	2 20	20 7	2 57	19 51	0 48	12 52	2 11	7 59	0 44	18 49	1 39	13 30	9 17	1 56	1 29	15 43	6 47	2 57
T 24	11 59	13 56	4 25	22 10	2 50	24 55	2 24	19 56	2 55	19 53	0 47	12 54	2 11	7 58	0 44	18 48	1 40	13 30	9 17	1 56	1 27	15 42	6 50	2 57
W25	12 19	11 17	3 44	22 30	2 55	25 5	2 27	19 44	2 53	19 56	0 47	12 56	2 11	7 57	0 44	18 48	1 40	13 30	9 17	1 56	1 26	15 41	6 53	2 57
T 26	12 39	8 7	2 53	22 47	3 0	25 14	2 31	19 32	2 51	19 58	0 47	12 58	2 11	7 56	0 44	18 48	1 40	13 29	9 17	1 57	1 25	15 40	6 56	2 57
F 27	12 59	4 33	1 53	23 4	3 5	25 23	2 34	19 20	2 48	20 0	0 47	13 1	2 11	7 55	0 44	18 47	1 40	13 29	9 18	1 58	1 24	15 39	6 59	2 56
S 28	13 18	0 43	0 47	23 19	3 9	25 31	2 38	19 8	2 46	20 3	0 47	13 3	2 11	7 55	0 44	18 47	1 40	13 29	9 18	1 58	1 22	15 39	7 2	2 56
S 29	13 37	3n16	0s23	23 33	3 13	25 39	2 41	18 56	2 44	20 5	0 47	13 5	2 11	7 54	0 44	18 47	1 40	13 28	9 18	1 58	1 21	15 38	7 5	2 56
M30	13 56	7 11	1 34	23 46	3 17	25 46	2 44	18 43	2 42	20 7	0 47	13 7	2 11	7 53	0 44	18 47	1 40	13 28	9 18	1 58	1 20	15 37	7 8	2 56
T 31	14s15	10n51	2s41	23s56	3s19	25s52	2s47	18s31	2s40	20s10	0n47	13s10	2n11	7n52	0s44	18n46	1s40	13n28	9n19	1s57	1s19	15s36	7s12	2s56

Julian Day Number = 3069078.5, Delta T = 02h35m32s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'41, Lahiri = 47°33'41

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

NOVEMBER 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 45 53	9♏38'14	19♉48	4♐14	25♐11	16♒21	5♐10	11♏57	22°R 6	2°R 7	17♍32	4°R52	3♎16	29♑19	11♎36	W 1
T 2	2 49 49	10°37'19	3♊54	4°48	26°17	16°57	5°22	12° 4	22♈ 4	2♊ 6	17°33	4♎47	3°13	29°25	11°44	T 2
F 3	2 53 46	11°36'26	18°12	5°17	27°22	17°33	5°35	12°12	22° 1	2° 4	17°34	4°41	3°10	29°32	11°52	F 3
S 4	2 57 42	12°35'35	2♋35	5°40	28°27	18°10	5°47	12°19	21°59	2° 2	17°36	4°36	3° 7	29°39	12° 0	S 4
S 5	3 1 39	13°34'46	16°58	5°57	29°32	18°47	6° 0	12°27	21°57	2° 1	17°37	4°32	3° 4	29°45	12° 8	S 5
M 6	3 5 35	14°33'59	1♌16	6° 8	0♑36	19°24	6°12	12°34	21°55	1°59	17°38	4°29	3° 1	29°52	12°16	M 6
T 7	3 9 32	15°33'15	15°28	6°R12	1°41	20° 1	6°25	12°42	21°53	1°58	17°39	4°D28	2°57	29°59	12°23	T 7
W 8	3 13 28	16°32'32	29°31	6° 9	2°45	20°39	6°38	12°49	21°50	1°56	17°40	4°29	2°54	0♒ 6	12°31	W 8
T 9	3 17 25	17°31'52	13♍24	5°58	3°49	21°16	6°50	12°56	21°48	1°54	17°41	4°30	2°51	0°12	12°39	T 9
F 10	3 21 22	18°31'15	27° 6	5°38	4°52	21°54	7° 3	13° 4	21°46	1°53	17°43	4°31	2°48	0°19	12°47	F 10
S 11	3 25 18	19°30'39	10♎38	5°11	5°56	22°32	7°16	13°11	21°44	1°51	17°44	4°R31	2°45	0°26	12°54	S 11
S 12	3 29 15	20°30'06	24° 0	4°35	6°59	23°10	7°29	13°19	21°42	1°50	17°45	4°30	2°42	0°32	13° 2	S 12
M13	3 33 11	21°29'34	7♏ 9	3°50	8° 2	23°49	7°41	13°26	21°40	1°48	17°46	4°26	2°38	0°39	13°10	M13
T 14	3 37 8	22°29'05	20° 7	2°57	9° 5	24°27	7°54	13°33	21°38	1°46	17°47	4°19	2°35	0°46	13°17	T 14
W15	3 41 4	23°28'38	2♐52	1°57	10° 7	25° 6	8° 7	13°41	21°36	1°45	17°48	4°11	2°32	0°52	13°25	W15
T 16	3 45 1	24°28'12	15°23	0°50	11° 9	25°45	8°20	13°48	21°34	1°43	17°49	4° 2	2°29	0°59	13°32	T 16
F 17	3 48 57	25°27'49	27°42	29♏39	12°11	26°24	8°33	13°55	21°32	1°41	17°49	3°52	2°26	1° 6	13°39	F 17
S 18	3 52 54	26°27'27	9♑50	28°25	13°12	27° 3	8°46	14° 3	21°31	1°40	17°50	3°43	2°22	1°13	13°47	S 18
S 19	3 56 51	27°27'07	21°48	27° 9	14°14	27°42	8°59	14°10	21°29	1°38	17°51	3°35	2°19	1°19	13°54	S 19
M20	4 0 47	28°26'48	3♒40	25°55	15°14	28°22	9°12	14°17	21°27	1°36	17°52	3°30	2°16	1°26	14° 1	M20
T 21	4 4 44	29°26'32	15°30	24°44	16°15	29° 2	9°25	14°25	21°25	1°35	17°53	3°26	2°13	1°33	14° 8	T 21
W22	4 8 40	0♐26'17	27°23	23°38	17°15	29°42	9°38	14°32	21°24	1°33	17°54	3°D25	2°10	1°39	14°15	W22
T 23	4 12 37	1°26'03	9♓23	22°41	18°15	0♓21	9°51	14°39	21°22	1°31	17°54	3°25	2° 7	1°46	14°22	T 23
F 24	4 16 33	2°25'51	21°36	21°52	19°14	1° 2	10° 4	14°46	21°20	1°29	17°55	3°26	2° 3	1°53	14°29	F 24
S 25	4 20 30	3°25'41	4♈ 8	21°14	20°13	1°42	10°17	14°53	21°19	1°28	17°56	3°R27	2° 0	1°59	14°36	S 25
S 26	4 24 26	4°25'32	17° 2	20°47	21°12	2°22	10°30	15° 1	21°17	1°26	17°56	3°26	1°57	2° 6	14°43	S 26
M27	4 28 23	5°25'25	0♉21	20°32	22°10	3° 3	10°43	15° 8	21°16	1°24	17°57	3°23	1°54	2°13	14°50	M27
T 28	4 32 20	6°25'19	14° 7	20°D28	23° 7	3°43	10°56	15°15	21°14	1°23	17°58	3°17	1°51	2°20	14°56	T 28
W29	4 36 16	7°25'15	28°18	20°36	24° 5	4°24	11°10	15°22	21°13	1°21	17°58	3° 9	1°48	2°26	15° 3	W29
T 30	4 40 13	8♐25'13	12♊50	20♏54	25♑ 1	5♓ 5	11♐23	15♏29	21♈11	1♊19	17♍59	2♎59	1♎44	2♒33	15♎10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s34	13n59	3s40	24s 6	3s21	25s58	2s50	18s18	2s38	20s12	0n47	13s12	2n11	7n51	0s44	18n46	1s40	13n28	9n19	1s55	1s17	15s35	7s15	2s56
T 2	14 52	16 22	4 27	24 13	3 23	26 3	2 53	18 5	2 35	20 14	0 47	13 14	2 11	7 50	0 44	18 46	1 40	13 27	9 19	1 53	1 16	15 34	7 18	2 55
F 3	15 11	17 45	4 58	24 19	3 23	26 8	2 56	17 52	2 33	20 17	0 46	13 16	2 11	7 50	0 43	18 45	1 40	13 27	9 20	1 51	1 15	15 33	7 20	2 55
S 4	15 29	18 2	5 10	24 23	3 23	26 12	2 59	17 39	2 31	20 19	0 46	13 19	2 11	7 49	0 43	18 45	1 40	13 27	9 20	1 49	1 14	15 32	7 23	2 55
S 5	15 46	17 8	5 3	24 25	3 22	26 15	3 2	17 25	2 29	20 21	0 46	13 21	2 11	7 48	0 43	18 45	1 40	13 27	9 20	1 47	1 12	15 31	7 26	2 55
M 6	16 4	15 11	4 37	24 24	3 19	26 18	3 4	17 12	2 27	20 23	0 46	13 23	2 11	7 47	0 43	18 44	1 40	13 27	9 20	1 46	1 11	15 30	7 29	2 55
T 7	16 21	12 19	3 55	24 22	3 16	26 20	3 7	16 58	2 25	20 26	0 46	13 25	2 11	7 46	0 43	18 44	1 40	13 26	9 21	1 46	1 10	15 29	7 32	2 55
W 8	16 38	8 45	2 58	24 16	3 11	26 21	3 9	16 44	2 23	20 28	0 46	13 27	2 11	7 46	0 43	18 44	1 40	13 26	9 21	1 46	1 9	15 28	7 35	2 55
T 9	16 54	4 45	1 52	24 8	3 5	26 22	3 12	16 30	2 21	20 30	0 46	13 30	2 11	7 45	0 43	18 43	1 40	13 26	9 21	1 46	1 7	15 27	7 38	2 55
F 10	17 11	0 32	0 40	23 57	2 57	26 22	3 14	16 16	2 19	20 32	0 46	13 32	2 11	7 44	0 43	18 43	1 40	13 26	9 22	1 47	1 6	15 26	7 41	2 54
S 11	17 27	3s40	0n33	23 43	2 48	26 21	3 16	16 2	2 17	20 34	0 46	13 34	2 11	7 43	0 43	18 43	1 40	13 26	9 22	1 47	1 5	15 25	7 44	2 54
S 12	17 43	7 37	1 43	23 25	2 37	26 20	3 18	15 47	2 15	20 36	0 46	13 36	2 11	7 43	0 43	18 42	1 40	13 26	9 22	1 46	1 4	15 24	7 47	2 54
M13	17 58	11 9	2 47	23 5	2 24	26 19	3 20	15 33	2 13	20 39	0 45	13 38	2 11	7 42	0 43	18 42	1 40	13 26	9 23	1 45	1 2	15 23	7 50	2 54
T 14	18 13	14 4	3 40	22 40	2 9	26 16	3 22	15 18	2 11	20 41	0 45	13 40	2 11	7 41	0 43	18 42	1 40	13 25	9 23	1 42	1 1	15 22	7 52	2 54
W15	18 28	16 15	4 22	22 13	1 53	26 14	3 24	15 3	2 9	20 43	0 45	13 43	2 11	7 41	0 43	18 41	1 40	13 25	9 23	1 39	1 0	15 21	7 55	2 54
T 16	18 43	17 37	4 50	21 42	1 36	26 10	3 26	14 48	2 7	20 45	0 45	13 45	2 11	7 40	0 43	18 41	1 40	13 25	9 24	1 35	0 59	15 20	7 58	2 54
F 17	18 57	18 8	5 4	21 9	1 17	26 6	3 27	14 33	2 5	20 47	0 45	13 47	2 11	7 39	0 43	18 41	1 40	13 25	9 24	1 31	0 57	15 19	8 1	2 54
S 18	19 11	17 48	5 4	20 33	0 57	26 2	3 28	14 18	2 3	20 49	0 45	13 49	2 11	7 39	0 43	18 40	1 40	13 25	9 24	1 28	0 56	15 18	8 3	2 54
S 19	19 25	16 41	4 51	19 56	0 37	25 57	3 30	14 3	2 1	20 51	0 45	13 51	2 11	7 38	0 43	18 40	1 40	13 25	9 24	1 25	0 55	15 17	8 6	2 54
M20	19 38	14 51	4 25	19 19	0 16	25 51	3 31	13 47	1 59	20 53	0 45	13 53	2 11	7 37	0 43	18 40	1 40	13 25	9 25	1 23	0 54	15 16	8 9	2 53
T 21	19 51	12 24	3 48	18 42	0n 4	25 45	3 32	13 32	1 57	20 55	0 45	13 55	2 12	7 37	0 43	18 39	1 40	13 25	9 25	1 21	0 52	15 15	8 12	2 53
W22	20 3	9 26	3 1	18 7	0 24	25 38	3 33	13 16	1 55	20 57	0 45	13 57	2 12	7 36	0 43	18 39	1 40	13 25	9 25	1 21	0 51	15 14	8 14	2 53
T 23	20 16	6 3	2 5	17 35	0 43	25 31	3 33	13 0	1 53	20 59	0 45	13 59	2 12	7 36	0 43	18 39	1 40	13 25	9 26	1 21	0 50	15 13	8 17	2 53
F 24	20 27	2 20	1 3	17 6	1 0	25 23	3 34	12 44	1 51	21 1	0 45	14 1	2 12	7 35	0 43	18 38	1 40	13 25	9 26	1 21	0 49	15 12	8 19	2 53
S 25	20 39	1n34	0s 4	16 41	1 16	25 14	3 34	12 28	1 49	21 3	0 45	14 3	2 12	7 34	0 43	18 38	1 40	13 25	9 26	1 21	0 47	15 11	8 22	2 53
S 26	20 50	5 31	1 12	16 20	1 30	25 6	3 34	12 12	1 47	21 5	0 44	14 5	2 12	7 34	0 43	18 38	1 40	13 25	9 27	1 21	0 46	15 10	8 25	2 53
M27	21 1	9 20	2 18	16 5	1 42	24 56	3 34	11 56	1 45	21 7	0 44	14 7	2 12	7 33	0 43	18 37	1 40	13 25	9 27	1 20	0 45	15 9	8 27	2 53
T 28	21 11	12 46	3 19	15 54	1 53	24 47	3 34	11 40	1 43	21 9	0 44	14 9	2 12	7 33	0 43	18 37	1 40	13 25	9 27	1 18	0 44	15 8	8 30	2 53
W29	21 21	15 33	4 9	15 47	2 1	24 36	3 34	11 23	1 42	21 11	0 44	14 11	2 12	7 32	0 43	18 37	1 40	13 25	9 28	1 15	0 42	15 7	8 32	2 53
T 30	21s30	17n26	4s44	15s46	2n 8	24s26	3s33	11s 7	1s40	21s12	0n44	14s13	2n12	7n32	0s43	18n36	1s40	13n25	9n28	1s11	0s41	15s 6	8s35	2s53

Julian Day Number = 3069109.5, Delta T = 02h35m33s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'45, Lahiri = 47°33'46

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ASTRODIENST EPHEMERIS for the year 3690
geocentric

DECEMBER 3690 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 44 9	9♐25'13	27♊35	21♏22	25♑57	5♓46	11♐36	15♏36	21°R10	1°R18	17♍59	2°R49	1♎41	2♒40	15♎16	F 1
S 2	4 48 6	10°25'15	12♋26	21°59	26°53	6°27	11°49	15°43	21♈ 8	1♊16	18° 0	2♎39	1°38	2°46	15°22	S 2
S 3	4 52 2	11°25'19	27°14	22°44	27°48	7° 8	12° 2	15°50	21° 7	1°14	18° 0	2°31	1°35	2°53	15°29	S 3
M 4	4 55 59	12°25'24	11♌51	23°36	28°42	7°49	12°15	15°57	21° 6	1°13	18° 1	2°25	1°32	3° 0	15°35	M 4
T 5	4 59 55	13°25'32	26°13	24°35	29°36	8°30	12°28	16° 4	21° 5	1°11	18° 1	2°21	1°28	3° 7	15°41	T 5
W 6	5 3 52	14°25'42	10♍17	25°39	0♒30	9°12	12°42	16°11	21° 4	1°10	18° 2	2°D20	1°25	3°13	15°47	W 6
T 7	5 7 49	15°25'53	24° 3	26°48	1°22	9°53	12°55	16°17	21° 2	1° 8	18° 2	2°20	1°22	3°20	15°53	T 7
F 8	5 11 45	16°26'07	7♎32	28° 2	2°14	10°35	13° 8	16°24	21° 1	1° 6	18° 2	2°R20	1°19	3°27	15°59	F 8
S 9	5 15 42	17°26'22	20°46	29°18	3° 6	11°17	13°21	16°31	21° 0	1° 5	18° 3	2°19	1°16	3°33	16° 5	S 9
S 10	5 19 38	18°26'39	3♏46	0♐38	3°56	11°58	13°34	16°38	20°59	1° 3	18° 3	2°16	1°13	3°40	16°11	S 10
M11	5 23 35	19°26'59	16°34	2° 1	4°46	12°40	13°47	16°44	20°58	1° 1	18° 3	2° 9	1° 9	3°47	16°17	M11
T 12	5 27 31	20°27'20	29°12	3°26	5°35	13°22	14° 0	16°51	20°58	1° 0	18° 3	1°59	1° 6	3°53	16°22	T 12
W13	5 31 28	21°27'42	11♐41	4°52	6°23	14° 4	14°14	16°57	20°57	0°58	18° 4	1°47	1° 3	4° 0	16°28	W13
T 14	5 35 24	22°28'06	23°59	6°20	7°11	14°46	14°27	17° 4	20°56	0°57	18° 4	1°33	1° 0	4° 7	16°33	T 14
F 15	5 39 21	23°28'32	6♑ 9	7°49	7°57	15°28	14°40	17°10	20°55	0°55	18° 4	1°18	0°57	4°14	16°39	F 15
S 16	5 43 18	24°28'59	18°10	9°20	8°43	16°11	14°53	17°17	20°54	0°54	18° 4	1° 5	0°54	4°20	16°44	S 16
S 17	5 47 14	25°29'28	0♒ 5	10°51	9°28	16°53	15° 6	17°23	20°54	0°52	18° 4	0°52	0°50	4°27	16°49	S 17
M18	5 51 11	26°29'58	11°55	12°23	10°11	17°36	15°19	17°30	20°53	0°51	18° 4	0°43	0°47	4°34	16°54	M18
T 19	5 55 7	27°30'29	23°43	13°55	10°54	18°18	15°32	17°36	20°53	0°49	18°R 4	0°36	0°44	4°40	16°59	T 19
W20	5 59 4	28°31'01	5♓33	15°27	11°36	19° 1	15°45	17°42	20°52	0°48	18° 4	0°32	0°41	4°47	17° 4	W20
T 21	6 3 0	29°31'35	17°30	17° 0	12°16	19°43	15°58	17°48	20°52	0°46	18° 4	0°31	0°38	4°54	17° 9	T 21
F 22	6 6 57	0♑32'09	29°39	18°34	12°55	20°26	16°11	17°54	20°51	0°45	18° 4	0°31	0°34	5° 0	17°13	F 22
S 23	6 10 54	1°32'45	12♈ 6	20° 7	13°33	21° 9	16°24	18° 1	20°51	0°44	18° 4	0°31	0°31	5° 7	17°18	S 23
S 24	6 14 50	2°33'21	24°56	21°41	14°10	21°51	16°37	18° 7	20°51	0°42	18° 4	0°29	0°28	5°14	17°22	S 24
M25	6 18 47	3°33'59	8♉12	23°14	14°45	22°34	16°50	18°13	20°50	0°41	18° 3	0°26	0°25	5°21	17°27	M25
T 26	6 22 43	4°34'38	21°58	24°48	15°19	23°17	17° 3	18°18	20°50	0°39	18° 3	0°20	0°22	5°27	17°31	T 26
W27	6 26 40	5°35'17	6♊15	26°22	15°52	24° 0	17°15	18°24	20°50	0°38	18° 3	0°11	0°19	5°34	17°35	W27
T 28	6 30 36	6°35'58	20°57	27°55	16°23	24°43	17°28	18°30	20°50	0°37	18° 3	0° 0	0°15	5°41	17°39	T 28
F 29	6 34 33	7°36'40	6♋ 0	29°29	16°52	25°26	17°41	18°36	20°D50	0°36	18° 2	29♍49	0°12	5°47	17°43	F 29
S 30	6 38 29	8°37'23	21°12	1♑ 3	17°20	26° 9	17°54	18°41	20°50	0°34	18° 2	29°37	0° 9	5°54	17°47	S 30
S 31	6 42 26	9♑38'07	6♌23	2♑37	17♒46	26♓52	18♐ 7	18♏47	20♈50	0♊33	18♍ 2	29♍28	0♎ 6	6♒ 1	17♎51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s40	18n11	5s 1	15s48	2n13	24s15	3s33	10s50	1s38	21s14	0n44	14s15	2n12	7n31	0s43	18n36	1s40	13n26	9n28	1s 7	0s40	15s 5	8s37	2s53
S 2	21 48	17 42	4 58	15 54	2 16	24 3	3 32	10 33	1 36	21 16	0 44	14 17	2 12	7 31	0 43	18 36	1 40	13 26	9 29	1 3	0 39	15 4	8 39	2 53
S 3	21 57	16 1	4 35	16 4	2 18	23 51	3 31	10 16	1 34	21 18	0 44	14 19	2 12	7 30	0 43	18 35	1 40	13 26	9 29	0 59	0 37	15 3	8 42	2 53
M 4	22 5	13 19	3 54	16 16	2 19	23 39	3 29	9 59	1 32	21 20	0 44	14 21	2 12	7 30	0 43	18 35	1 40	13 26	9 29	0 57	0 36	15 2	8 44	2 53
T 5	22 12	9 51	2 59	16 30	2 18	23 26	3 28	9 42	1 31	21 21	0 44	14 22	2 13	7 30	0 43	18 35	1 40	13 26	9 30	0 56	0 35	15 1	8 47	2 52
W 6	22 19	5 53	1 54	16 47	2 17	23 13	3 26	9 25	1 29	21 23	0 44	14 24	2 13	7 29	0 43	18 34	1 40	13 26	9 30	0 55	0 34	15 0	8 49	2 52
T 7	22 26	1 40	0 44	17 5	2 14	22 59	3 24	9 8	1 27	21 25	0 44	14 26	2 13	7 29	0 43	18 34	1 40	13 26	9 31	0 55	0 32	14 59	8 51	2 52
F 8	22 32	2s32	0n28	17 25	2 11	22 46	3 22	8 51	1 25	21 26	0 44	14 28	2 13	7 28	0 43	18 34	1 40	13 27	9 31	0 55	0 31	14 58	8 53	2 52
S 9	22 38	6 33	1 36	17 45	2 7	22 32	3 20	8 34	1 23	21 28	0 44	14 30	2 13	7 28	0 42	18 33	1 40	13 27	9 31	0 55	0 30	14 57	8 56	2 52
S 10	22 43	10 10	2 38	18 6	2 2	22 17	3 17	8 16	1 22	21 30	0 44	14 32	2 13	7 28	0 42	18 33	1 40	13 27	9 32	0 53	0 29	14 56	8 58	2 52
M11	22 48	13 16	3 31	18 27	1 57	22 3	3 14	7 59	1 20	21 31	0 44	14 33	2 13	7 27	0 42	18 33	1 40	13 27	9 32	0 51	0 27	14 54	9 0	2 52
T 12	22 53	15 41	4 13	18 49	1 52	21 48	3 11	7 41	1 18	21 33	0 44	14 35	2 13	7 27	0 42	18 33	1 40	13 27	9 32	0 47	0 26	14 53	9 2	2 52
W13	22 57	17 19	4 42	19 10	1 46	21 32	3 8	7 23	1 17	21 35	0 44	14 37	2 13	7 27	0 42	18 32	1 40	13 28	9 33	0 42	0 25	14 52	9 4	2 52
T 14	23 0	18 8	4 57	19 32	1 40	21 17	3 4	7 6	1 15	21 36	0 44	14 38	2 13	7 27	0 42	18 32	1 40	13 28	9 33	0 37	0 24	14 51	9 6	2 52
F 15	23 4	18 6	4 59	19 53	1 33	21 1	3 1	6 48	1 13	21 38	0 43	14 40	2 14	7 26	0 42	18 32	1 40	13 28	9 33	0 31	0 22	14 50	9 8	2 52
S 16	23 6	17 16	4 47	20 13	1 27	20 45	2 56	6 30	1 11	21 39	0 43	14 42	2 14	7 26	0 42	18 31	1 40	13 29	9 34	0 25	0 21	14 49	9 10	2 52
S 17	23 9	15 40	4 22	20 33	1 20	20 29	2 52	6 12	1 10	21 41	0 43	14 43	2 14	7 26	0 42	18 31	1 40	13 29	9 34	0 21	0 20	14 48	9 12	2 52
M18	23 10	13 26	3 47	20 52	1 13	20 13	2 47	5 54	1 8	21 42	0 43	14 45	2 14	7 26	0 42	18 31	1 40	13 29	9 34	0 17	0 19	14 47	9 14	2 52
T 19	23 12	10 38	3 1	21 11	1 5	19 57	2 42	5 36	1 6	21 43	0 43	14 47	2 14	7 26	0 42	18 31	1 40	13 29	9 35	0 14	0 17	14 46	9 16	2 52
W20	23 13	7 24	2 8	21 28	0 58	19 40	2 37	5 18	1 5	21 45	0 43	14 48	2 14	7 25	0 42	18 30	1 40	13 30	9 35	0 13	0 16	14 45	9 18	2 52
T 21	23 13	3 51	1 8	21 45	0 51	19 23	2 32	5 0	1 3	21 46	0 43	14 50	2 14	7 25	0 42	18 30	1 40	13 30	9 35	0 12	0 15	14 44	9 20	2 52
F 22	23 13	0 4	0 5	22 0	0 44	19 7	2 26	4 42	1 2	21 48	0 43	14 51	2 15	7 25	0 42	18 30	1 39	13 30	9 36	0 12	0 14	14 43	9 21	2 52
S 23	23 13	3n48	1s 1	22 15	0 36	18 50	2 20	4 24	1 0	21 49	0 43	14 53	2 15	7 25	0 42	18 30	1 39	13 31	9 36	0 12	0 12	14 42	9 23	2 52
S 24	23 12	7 37	2 5	22 29	0 29	18 33	2 13	4 6	0 58	21 50	0 43	14 54	2 15	7 25	0 42	18 29	1 39	13 31	9 36	0 12	0 11	14 41	9 25	2 52
M25	23 10	11 11	3 5	22 41	0 22	18 16	2 6	3 48	0 57	21 52	0 43	14 56	2 15	7 25	0 42	18 29	1 39	13 32	9 37	0 10	0 10	14 40	9 26	2 52
T 26	23 8	14 17	3 56	22 53	0 14	17 59	1 59	3 29	0 55	21 53	0 43	14 57	2 15	7 25	0 42	18 29	1 39	13 32	9 37	0 8	0 9	14 38	9 28	2 52
W27	23 6	16 38	4 35	23 3	0 7	17 43	1 52	3 11	0 54	21 54	0 43	14 59	2 15	7 25	0 42	18 29	1 39	13 32	9 37	0 4	0 7	14 37	9 30	2 52
T 28	23 3	17 59	4 57	23 12	0 0	17 26	1 44	2 53	0 52	21 55	0 43	15 0	2 15	7 25	0 42	18 28	1 39	13 33	9 38	0 0	0 6	14 36	9 31	2 52
F 29	23 0	18 7	4 59	23 20	0s 7	17 9	1 35	2 35	0 51	21 56	0 43	15 1	2 16	7 25	0 42	18 28	1 39	13 33	9 38	0n 4	0 5	14 35	9 33	2 52
S 30	22 57	16 57	4 40	23 27	0 14	16 53	1 27	2 16	0 49	21 58	0 43	15 3	2 16	7 25	0 42	18 28	1 39	13 34	9 38	0 9	0 4	14 34	9 34	2 52
S 31	22s52	14n37	4s 1	23s32	0s21	16s36	1s18	1s58	0s48	21s59	0n43	15s 4	2n16	7n25	0s42	18n28	1s39	13n34	9n39	0n13	0s 2	14s33	9s36	2s52

Julian Day Number = 3069139.5, Delta T = 02h35m34s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'49, Lahiri = 47°33'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3691
geocentric

JANUARY 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 46 23	10♉38'53	21♌23	4♉11	18♒11	27♓35	18♐19	18♏53	20♈50	0°R32	18°R 1	29°R21	0♎ 3	6♒ 7	17♎55	M 1
T 2	6 50 19	11°39'39	6♍ 3	5°44	18°33	28°18	18°32	18°58	20°50	0♊31	18♍ 1	29♍16	29♍59	6°14	17°58	T 2
W 3	6 54 16	12°40'27	20°21	7°18	18°54	29° 1	18°44	19° 3	20°51	0°30	18° 1	29°15	29°56	6°21	18° 2	W 3
T 4	6 58 12	13°41'16	4♎13	8°52	19°13	29°45	18°57	19° 9	20°51	0°28	18° 0	29°D15	29°53	6°27	18° 5	T 4
F 5	7 2 9	14°42'07	17°42	10°26	19°29	0♈28	19°10	19°14	20°51	0°27	18° 0	29°R15	29°50	6°34	18° 8	F 5
S 6	7 6 5	15°42'58	0♏50	12° 0	19°44	1°11	19°22	19°19	20°51	0°26	17°59	29°14	29°47	6°41	18°12	S 6
S 7	7 10 2	16°43'51	13°39	13°34	19°57	1°55	19°34	19°24	20°52	0°25	17°59	29°11	29°44	6°48	18°15	S 7
M 8	7 13 58	17°44'45	26°14	15° 8	20° 7	2°38	19°47	19°29	20°52	0°24	17°58	29° 5	29°40	6°54	18°18	M 8
T 9	7 17 55	18°45'40	8♐38	16°42	20°15	3°21	19°59	19°34	20°53	0°23	17°57	28°56	29°37	7° 1	18°20	T 9
W10	7 21 52	19°46'37	20°51	18°16	20°21	4° 5	20°12	19°39	20°53	0°22	17°57	28°45	29°34	7° 8	18°23	W10
T 11	7 25 48	20°47'34	2♉58	19°51	20°24	4°48	20°24	19°44	20°54	0°21	17°56	28°32	29°31	7°14	18°26	T 11
F 12	7 29 45	21°48'31	14°58	21°25	20°R25	5°32	20°36	19°49	20°55	0°20	17°56	28°19	29°28	7°21	18°28	F 12
S 13	7 33 41	22°49'30	26°53	23° 0	20°24	6°15	20°48	19°53	20°55	0°19	17°55	28° 6	29°25	7°28	18°30	S 13
S 14	7 37 38	23°50'29	8♒44	24°35	20°20	6°59	21° 0	19°58	20°56	0°19	17°54	27°54	29°21	7°34	18°33	S 14
M15	7 41 34	24°51'29	20°33	26°10	20°14	7°42	21°12	20° 2	20°57	0°18	17°53	27°45	29°18	7°41	18°35	M15
T 16	7 45 31	25°52'29	2♓22	27°45	20° 5	8°26	21°24	20° 7	20°58	0°17	17°53	27°39	29°15	7°48	18°37	T 16
W17	7 49 27	26°53'30	14°13	29°20	19°54	9° 9	21°36	20°11	20°59	0°16	17°52	27°36	29°12	7°55	18°39	W17
T 18	7 53 24	27°54'30	26°11	0♒56	19°40	9°53	21°48	20°15	21° 0	0°15	17°51	27°D35	29° 9	8° 1	18°40	T 18
F 19	7 57 21	28°55'32	8♈20	2°31	19°24	10°36	22° 0	20°20	21° 1	0°15	17°50	27°35	29° 6	8° 8	18°42	F 19
S 20	8 1 17	29°56'33	20°43	4° 7	19° 5	11°20	22°12	20°24	21° 2	0°14	17°49	27°36	29° 2	8°15	18°43	S 20
S 21	8 5 14	0♒57'34	3♉27	5°44	18°44	12° 4	22°23	20°28	21° 3	0°13	17°48	27°R37	28°59	8°21	18°45	S 21
M22	8 9 10	1°58'36	16°36	7°20	18°21	12°47	22°35	20°32	21° 4	0°13	17°47	27°35	28°56	8°28	18°46	M22
T 23	8 13 7	2°59'38	0♊13	8°57	17°56	13°31	22°46	20°35	21° 6	0°12	17°47	27°32	28°53	8°35	18°47	T 23
W24	8 17 3	4° 0'40	14°20	10°34	17°28	14°14	22°58	20°39	21° 7	0°12	17°46	27°27	28°50	8°41	18°48	W24
T 25	8 21 0	5° 1'41	28°56	12°11	16°59	14°58	23° 9	20°43	21° 8	0°11	17°45	27°19	28°46	8°48	18°49	T 25
F 26	8 24 57	6° 2'43	13♋56	13°48	16°28	15°42	23°21	20°46	21° 9	0°11	17°44	27°11	28°43	8°55	18°50	F 26
S 27	8 28 53	7° 3'45	29°11	15°26	15°56	16°25	23°32	20°50	21°11	0°10	17°43	27° 3	28°40	9° 1	18°51	S 27
S 28	8 32 50	8° 4'48	14♌31	17° 3	15°22	17° 9	23°43	20°53	21°12	0°10	17°42	26°56	28°37	9° 8	18°51	S 28
M29	8 36 46	9° 5'50	29°45	18°41	14°47	17°53	23°54	20°56	21°14	0° 9	17°40	26°51	28°34	9°15	18°52	M29
T 30	8 40 43	10° 6'52	14♍43	20°19	14°11	18°36	24° 5	20°59	21°15	0° 9	17°39	26°49	28°31	9°22	18°52	T 30
W31	8 44 39	11♒ 7'55	29♍17	21♒57	13♒35	19♈20	24♐16	21♏ 3	21♈17	0♊ 9	17♍38	26°D48	28♍27	9♒28	18♎52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s48	11n18	3s 6	23s37	0s28	16s20	1s 8	1s39	0s46	22s 0	0n43	15s 6	2n16	7n25	0s42	18n27	1s39	13n35	9n39	0n16	0s 1	14s32	9s37	2s52
T 2	22 43	7 21	1 59	23 40	0 34	16 3	0 59	1 21	0 45	22 1	0 43	15 7	2 16	7 25	0 42	18 27	1 39	13 35	9 39	0 17	0n 0	14 31	9 38	2 52
W 3	22 37	3 4	0 47	23 42	0 41	15 47	0 49	1 3	0 43	22 2	0 43	15 8	2 16	7 25	0 42	18 27	1 39	13 35	9 40	0 18	0 1	14 30	9 40	2 52
T 4	22 31	1s15	0n26	23 42	0 47	15 32	0 38	0 44	0 42	22 3	0 43	15 9	2 17	7 25	0 41	18 27	1 39	13 36	9 40	0 18	0 3	14 29	9 41	2 52
F 5	22 25	5 24	1 36	23 42	0 53	15 16	0 27	0 26	0 40	22 4	0 43	15 11	2 17	7 26	0 41	18 27	1 39	13 36	9 40	0 18	0 4	14 27	9 42	2 52
S 6	22 18	9 10	2 39	23 40	0 59	15 1	0 16	0 8	0 39	22 5	0 43	15 12	2 17	7 26	0 41	18 26	1 39	13 37	9 41	0 18	0 5	14 26	9 43	2 52
S 7	22 11	12 25	3 32	23 37	1 5	14 46	0 4	0n11	0 37	22 6	0 43	15 13	2 17	7 26	0 41	18 26	1 39	13 37	9 41	0 19	0 6	14 25	9 45	2 52
M 8	22 3	15 1	4 14	23 32	1 11	14 31	0n 8	0 29	0 36	22 7	0 43	15 14	2 17	7 26	0 41	18 26	1 39	13 38	9 41	0 22	0 8	14 24	9 46	2 52
T 9	21 55	16 52	4 43	23 27	1 16	14 16	0 21	0 48	0 35	22 8	0 43	15 15	2 18	7 26	0 41	18 26	1 39	13 38	9 42	0 25	0 9	14 23	9 47	2 52
W10	21 47	17 56	4 59	23 20	1 21	14 2	0 34	1 6	0 33	22 9	0 43	15 16	2 18	7 27	0 41	18 26	1 39	13 39	9 42	0 30	0 10	14 22	9 48	2 52
T 11	21 38	18 10	5 1	23 11	1 26	13 49	0 47	1 24	0 32	22 10	0 43	15 17	2 18	7 27	0 41	18 26	1 39	13 40	9 42	0 35	0 11	14 21	9 49	2 52
F 12	21 28	17 36	4 49	23 2	1 31	13 35	1 0	1 43	0 30	22 11	0 43	15 19	2 18	7 27	0 41	18 26	1 39	13 40	9 43	0 40	0 13	14 20	9 50	2 52
S 13	21 18	16 15	4 25	22 51	1 36	13 23	1 14	2 1	0 29	22 11	0 43	15 20	2 18	7 27	0 41	18 25	1 39	13 41	9 43	0 45	0 14	14 19	9 51	2 52
S 14	21 8	14 13	3 50	22 39	1 40	13 10	1 29	2 19	0 28	22 12	0 43	15 21	2 19	7 28	0 41	18 25	1 39	13 41	9 43	0 50	0 15	14 17	9 51	2 52
M15	20 58	11 36	3 4	22 26	1 44	12 58	1 43	2 37	0 26	22 13	0 43	15 22	2 19	7 28	0 41	18 25	1 39	13 42	9 44	0 53	0 16	14 16	9 52	2 52
T 16	20 47	8 30	2 11	22 11	1 48	12 47	1 58	2 56	0 25	22 14	0 43	15 22	2 19	7 29	0 41	18 25	1 38	13 42	9 44	0 55	0 18	14 15	9 53	2 52
W17	20 35	5 4	1 11	21 55	1 52	12 36	2 13	3 14	0 24	22 15	0 43	15 23	2 19	7 29	0 41	18 25	1 38	13 43	9 44	0 57	0 19	14 14	9 54	2 52
T 18	20 23	1 23	0 7	21 38	1 55	12 26	2 29	3 32	0 22	22 15	0 43	15 24	2 19	7 29	0 41	18 25	1 38	13 44	9 44	0 57	0 20	14 13	9 54	2 52
F 19	20 11	2n24	0s57	21 20	1 58	12 16	2 44	3 50	0 21	22 16	0 43	15 25	2 20	7 30	0 41	18 25	1 38	13 44	9 45	0 57	0 21	14 12	9 55	2 52
S 20	19 59	6 9	2 1	21 0	2 1	12 7	3 0	4 8	0 20	22 17	0 43	15 26	2 20	7 30	0 41	18 25	1 38	13 45	9 45	0 57	0 23	14 11	9 56	2 52
S 21	19 46	9 43	3 0	20 40	2 3	11 58	3 15	4 26	0 19	22 17	0 43	15 27	2 20	7 31	0 41	18 25	1 38	13 45	9 45	0 57	0 24	14 9	9 56	2 52
M22	19 32	12 56	3 52	20 17	2 5	11 50	3 31	4 44	0 17	22 18	0 43	15 28	2 20	7 31	0 41	18 24	1 38	13 46	9 46	0 57	0 25	14 8	9 57	2 52
T 23	19 19	15 34	4 33	19 54	2 7	11 43	3 46	5 2	0 16	22 19	0 43	15 28	2 20	7 32	0 41	18 24	1 38	13 47	9 46	0 58	0 26	14 7	9 57	2 52
W24	19 5	17 22	4 59	19 29	2 9	11 36	4 2	5 20	0 15	22 19	0 43	15 29	2 21	7 32	0 41	18 24	1 38	13 47	9 46	1 0	0 28	14 6	9 57	2 52
T 25	18 50	18 6	5 7	19 4	2 10	11 30	4 17	5 38	0 14	22 20	0 43	15 30	2 21	7 33	0 41	18 24	1 38	13 48	9 46	1 3	0 29	14 5	9 58	2 52
F 26	18 35	17 38	4 54	18 37	2 10	11 25	4 32	5 56	0 12	22 20	0 43	15 31	2 21	7 33	0 41	18 24	1 38	13 48	9 47	1 7	0 30	14 4	9 58	2 52
S 27	18 20	15 53	4 20	18 8	2 10	11 20	4 47	6 14	0 11	22 21	0 43	15 31	2 21	7 34	0 41	18 24	1 38	13 49	9 47	1 10	0 31	14 3	9 58	2 52
S 28	18 5	13 0	3 28	17 39	2 10	11 16	5 2	6 31	0 10	22 21	0 43	15 32	2 22	7 34	0 41	18 24	1 38	13 50	9 47	1 12	0 33	14 1	9 58	2 52
M29	17 49	9 15	2 21	17 8	2 9	11 13	5 16	6 49	0 9	22 22	0 43	15 33	2 22	7 35	0 40	18 24	1 38	13 50	9 47	1 14	0 34	14 0	9 59	2 52
T 30	17 33	4 58	1 5	16 37	2 8	11 10	5 29	7 6	0 8	22 22	0 43	15 33	2 22	7 36	0 40	18 24	1 38	13 51	9 48	1 15	0 35	13 59	9 59	2 52
W31	17s16	0n29	0n13	16s 4	2s 7	11s 7	5n42	7n24	0s 7	22s23	0n43	15s34	2n22	7n36	0s40	18n24	1s38	13n52	9n48	1n16	0n37	13s58	9s59	2s52

Julian Day Number = 3069170.5, Delta T = 02h35m35s
Ecliptic obliquity = 23°13'09, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'54, Lahiri = 47°33'54

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

FEBRUARY 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 48 36	12♒ 8'58	13♎24	23♒35	12°R58	20♈ 3	24♐27	21♏ 6	21♈19	0°R 8	17°R37	26♍49	28♍24	9♒35	18°R52	T 1
F 2	8 52 32	13°10'01	27° 3	25°13	12♒21	20°47	24°38	21° 8	21°20	0♊ 8	17♍36	26°50	28°21	9°42	18♎52	F 2
S 3	8 56 29	14°11'04	10♏16	26°50	11°44	21°31	24°48	21°11	21°22	0° 8	17°35	26°R51	28°18	9°48	18°52	S 3
S 4	9 0 26	15°12'08	23° 7	28°27	11° 8	22°14	24°59	21°14	21°24	0° 8	17°34	26°51	28°15	9°55	18°52	S 4
M 5	9 4 22	16°13'12	5♐39	0♓ 4	10°33	22°58	25° 9	21°16	21°26	0° 8	17°32	26°49	28°12	10° 2	18°51	M 5
T 6	9 8 19	17°14'16	17°55	1°40	9°58	23°41	25°20	21°19	21°28	0° 8	17°31	26°45	28° 8	10° 8	18°51	T 6
W 7	9 12 15	18°15'20	0♑ 1	3°16	9°24	24°25	25°30	21°21	21°30	0° 7	17°30	26°39	28° 5	10°15	18°50	W 7
T 8	9 16 12	19°16'24	11°59	4°50	8°52	25° 9	25°40	21°24	21°32	0° 7	17°29	26°33	28° 2	10°22	18°49	T 8
F 9	9 20 8	20°17'28	23°52	6°23	8°22	25°52	25°51	21°26	21°34	0°D 7	17°27	26°25	27°59	10°28	18°48	F 9
S 10	9 24 5	21°18'32	5♒43	7°54	7°53	26°36	26° 1	21°28	21°36	0° 7	17°26	26°18	27°56	10°35	18°47	S 10
S 11	9 28 1	22°19'35	17°33	9°22	7°26	27°19	26°11	21°30	21°38	0° 8	17°25	26°12	27°52	10°42	18°46	S 11
M12	9 31 58	23°20'39	29°23	10°49	7° 1	28° 3	26°20	21°32	21°40	0° 8	17°24	26° 8	27°49	10°48	18°45	M12
T 13	9 35 55	24°21'41	11♓17	12°12	6°38	28°46	26°30	21°33	21°42	0° 8	17°22	26° 5	27°46	10°55	18°44	T 13
W14	9 39 51	25°22'43	23°15	13°32	6°18	29°30	26°40	21°35	21°44	0° 8	17°21	26°D 4	27°43	11° 2	18°42	W14
T 15	9 43 48	26°23'45	5♈21	14°47	5°59	0♉13	26°49	21°37	21°46	0° 8	17°20	26° 4	27°40	11° 8	18°41	T 15
F 16	9 47 44	27°24'46	17°36	15°57	5°44	0°57	26°59	21°38	21°49	0° 8	17°18	26° 5	27°37	11°15	18°39	F 16
S 17	9 51 41	28°25'46	0♉ 5	17° 2	5°30	1°40	27° 8	21°39	21°51	0° 9	17°17	26° 7	27°33	11°22	18°37	S 17
S 18	9 55 37	29°26'45	12°50	18° 0	5°19	2°24	27°17	21°41	21°53	0° 9	17°16	26° 9	27°30	11°29	18°35	S 18
M19	9 59 34	0♓27'44	25°56	18°51	5°11	3° 7	27°26	21°42	21°56	0° 9	17°14	26°R10	27°27	11°35	18°33	M19
T 20	10 3 30	1°28'41	9♊24	19°33	5° 5	3°51	27°35	21°43	21°58	0°10	17°13	26° 9	27°24	11°42	18°31	T 20
W21	10 7 27	2°29'38	23°18	20° 6	5° 1	4°34	27°44	21°44	22° 1	0°10	17°11	26° 8	27°21	11°49	18°29	W21
T 22	10 11 23	3°30'33	7♋37	20°30	5°D 0	5°18	27°53	21°45	22° 3	0°11	17°10	26° 6	27°17	11°55	18°26	T 22
F 23	10 15 20	4°31'28	22°19	20°43	5° 1	6° 1	28° 1	21°45	22° 6	0°11	17° 8	26° 3	27°14	12° 2	18°24	F 23
S 24	10 19 17	5°32'22	7♌18	20°R44	5° 5	6°44	28°10	21°46	22° 8	0°12	17° 7	26° 0	27°11	12° 9	18°21	S 24
S 25	10 23 13	6°33'14	22°27	20°35	5°11	7°28	28°18	21°46	22°11	0°12	17° 6	25°58	27° 8	12°15	18°19	S 25
M26	10 27 10	7°34'06	7♍36	20°14	5°19	8°11	28°26	21°47	22°14	0°13	17° 4	25°56	27° 5	12°22	18°16	M26
T 27	10 31 6	8°34'56	22°35	19°42	5°30	8°54	28°35	21°47	22°16	0°13	17° 3	25°D55	27° 2	12°29	18°13	T 27
W28	10 35 3	9♓35'46	7♎17	19♓ 0	5♒43	9♉37	28♐43	21♏47	22♈19	0♊14	17♍ 1	25♍55	26♍58	12♒35	18♎10	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 0	3s53	1n29	15s30	2s 4	11s 6	5n54	7n41	0s 5	22s23	0n43	15s34	2n23	7n37	0s40	18n24	1s38	13n52	9n48	1n15	0n38	13s57	9s59	2s52
F 2	16 43	7 53	2 36	14 55	2 2	11 4	6 6	7 59	0 4	22 24	0 43	15 35	2 23	7 37	0 40	18 24	1 38	13 53	9 48	1 15	0 39	13 56	9 59	2 52
S 3	16 25	11 23	3 34	14 19	1 58	11 4	6 17	8 16	0 3	22 24	0 43	15 35	2 23	7 38	0 40	18 24	1 38	13 54	9 49	1 14	0 40	13 54	9 59	2 52
S 4	16 8	14 12	4 18	13 42	1 54	11 3	6 27	8 33	0 2	22 24	0 43	15 36	2 23	7 39	0 40	18 24	1 37	13 54	9 49	1 14	0 42	13 53	9 58	2 52
M 5	15 50	16 18	4 49	13 4	1 50	11 4	6 36	8 50	0 1	22 25	0 43	15 36	2 23	7 40	0 40	18 24	1 37	13 55	9 49	1 15	0 43	13 52	9 58	2 52
T 6	15 32	17 35	5 7	12 25	1 45	11 4	6 45	9 7	0n 0	22 25	0 43	15 37	2 24	7 40	0 40	18 24	1 37	13 56	9 49	1 17	0 44	13 51	9 58	2 52
W 7	15 13	18 4	5 10	11 45	1 39	11 6	6 53	9 24	0 1	22 26	0 43	15 37	2 24	7 41	0 40	18 24	1 37	13 56	9 50	1 19	0 45	13 50	9 58	2 52
T 8	14 54	17 43	4 59	11 5	1 32	11 7	6 59	9 41	0 2	22 26	0 43	15 37	2 24	7 42	0 40	18 24	1 37	13 57	9 50	1 22	0 47	13 49	9 57	2 52
F 9	14 35	16 36	4 36	10 24	1 25	11 9	7 5	9 57	0 3	22 26	0 43	15 38	2 24	7 43	0 40	18 24	1 37	13 58	9 50	1 25	0 48	13 47	9 57	2 52
S 10	14 16	14 47	4 1	9 43	1 17	11 11	7 11	10 14	0 4	22 26	0 43	15 38	2 25	7 43	0 40	18 24	1 37	13 59	9 50	1 27	0 49	13 46	9 56	2 51
S 11	13 57	12 20	3 15	9 2	1 8	11 13	7 15	10 31	0 5	22 27	0 43	15 38	2 25	7 44	0 40	18 24	1 37	13 59	9 50	1 30	0 50	13 45	9 56	2 51
M12	13 37	9 23	2 21	8 20	0 58	11 16	7 18	10 47	0 6	22 27	0 43	15 38	2 25	7 45	0 40	18 25	1 37	14 0	9 51	1 32	0 52	13 44	9 55	2 51
T 13	13 17	6 2	1 20	7 39	0 47	11 19	7 21	11 3	0 7	22 27	0 43	15 39	2 25	7 46	0 40	18 25	1 37	14 1	9 51	1 33	0 53	13 43	9 55	2 51
W14	12 57	2 25	0 15	6 58	0 36	11 22	7 23	11 20	0 8	22 27	0 43	15 39	2 26	7 47	0 40	18 25	1 37	14 1	9 51	1 33	0 54	13 41	9 54	2 51
T 15	12 36	1n20	0s51	6 18	0 24	11 25	7 24	11 36	0 9	22 28	0 43	15 39	2 26	7 47	0 40	18 25	1 37	14 2	9 51	1 33	0 55	13 40	9 54	2 51
F 16	12 16	5 4	1 56	5 39	0 11	11 28	7 25	11 52	0 10	22 28	0 43	15 39	2 26	7 48	0 40	18 25	1 37	14 3	9 51	1 32	0 57	13 39	9 53	2 51
S 17	11 55	8 39	2 56	5 1	0n 3	11 31	7 25	12 8	0 11	22 28	0 43	15 39	2 26	7 49	0 40	18 25	1 37	14 3	9 52	1 32	0 58	13 38	9 52	2 51
S 18	11 34	11 54	3 50	4 25	0 18	11 35	7 24	12 23	0 12	22 28	0 43	15 39	2 27	7 50	0 40	18 25	1 37	14 4	9 52	1 31	0 59	13 37	9 51	2 51
M19	11 12	14 39	4 32	3 51	0 34	11 38	7 22	12 39	0 13	22 28	0 44	15 39	2 27	7 51	0 40	18 25	1 37	14 5	9 52	1 31	1 0	13 35	9 50	2 51
T 20	10 51	16 41	5 2	3 20	0 50	11 41	7 21	12 55	0 14	22 28	0 44	15 39	2 27	7 52	0 40	18 25	1 37	14 5	9 52	1 31	1 2	13 34	9 50	2 51
W21	10 29	17 49	5 15	2 52	1 6	11 44	7 18	13 10	0 15	22 28	0 44	15 39	2 27	7 53	0 40	18 26	1 37	14 6	9 52	1 31	1 3	13 33	9 49	2 51
T 22	10 8	17 52	5 9	2 27	1 23	11 48	7 15	13 25	0 16	22 29	0 44	15 39	2 28	7 54	0 40	18 26	1 36	14 7	9 52	1 32	1 4	13 32	9 48	2 50
F 23	9 46	16 44	4 43	2 7	1 40	11 51	7 12	13 40	0 17	22 29	0 44	15 39	2 28	7 55	0 40	18 26	1 36	14 8	9 52	1 33	1 5	13 31	9 47	2 50
S 24	9 24	14 27	3 57	1 50	1 57	11 54	7 8	13 55	0 18	22 29	0 44	15 39	2 28	7 56	0 40	18 26	1 36	14 8	9 53	1 35	1 7	13 29	9 46	2 50
S 25	9 2	11 9	2 55	1 39	2 14	11 56	7 3	14 10	0 19	22 29	0 44	15 39	2 28	7 57	0 40	18 26	1 36	14 9	9 53	1 36	1 8	13 28	9 44	2 50
M26	8 39	7 6	1 40	1 32	2 30	11 59	6 59	14 25	0 20	22 29	0 44	15 39	2 29	7 58	0 40	18 26	1 36	14 10	9 53	1 36	1 9	13 27	9 43	2 50
T 27	8 17	2 38	0 18	1 31	2 45	12 1	6 54	14 40	0 21	22 29	0 44	15 39	2 29	7 59	0 40	18 27	1 36	14 10	9 53	1 36	1 10	13 26	9 42	2 50
W28	7s54	1s54	1n 2	1s34	2n58	12s 4	6n49	14n54	0n21	22s29	0n44	15s38	2n29	8n 0	0s40	18n27	1s36	14n11	9n53	1n36	1n12	13s25	9s41	2s50

Julian Day Number = 3069201.5, Delta T = 02h35m36s
Ecliptic obliquity = 23°13'10, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°26'58, Lahiri = 47°33'59

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

MARCH 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 38 59	10♓36'35	21♎34	18°R 9	5♒58	10♉21	28♐50	21°R47	22♈22	0♊15	17°R 0	25♍56	26♍55	12♒42	18°R 7	T 1
F 2	10 42 56	11°37'24	5♏25	17♓10	6°15	11° 4	28°58	21♏47	22°24	0°15	16♍58	25°58	26°52	12°49	18♎ 4	F 2
S 3	10 46 52	12°38'11	18°49	16° 4	6°34	11°47	29° 6	21°47	22°27	0°16	16°57	25°59	26°49	12°55	18° 1	S 3
S 4	10 50 49	13°38'58	1♐48	14°54	6°55	12°30	29°13	21°47	22°30	0°17	16°55	26° 0	26°46	13° 2	17°58	S 4
M 5	10 54 46	14°39'44	14°24	13°42	7°17	13°13	29°20	21°46	22°33	0°18	16°54	26°R 0	26°43	13° 9	17°54	M 5
T 6	10 58 42	15°40'30	26°42	12°30	7°42	13°56	29°28	21°46	22°36	0°19	16°52	26° 0	26°39	13°15	17°51	T 6
W 7	11 2 39	16°41'14	8♑47	11°20	8° 8	14°40	29°35	21°45	22°39	0°19	16°51	25°59	26°36	13°22	17°47	W 7
T 8	11 6 35	17°41'58	20°42	10°13	8°36	15°23	29°41	21°45	22°42	0°20	16°50	25°58	26°33	13°29	17°44	T 8
F 9	11 10 32	18°42'40	2♒33	9°11	9° 6	16° 6	29°48	21°44	22°45	0°21	16°48	25°57	26°30	13°36	17°40	F 9
S 10	11 14 28	19°43'22	14°21	8°15	9°37	16°49	29°55	21°43	22°48	0°22	16°47	25°56	26°27	13°42	17°36	S 10
S 11	11 18 25	20°44'02	26°12	7°25	10°10	17°32	0♑ 1	21°42	22°51	0°23	16°45	25°55	26°23	13°49	17°32	S 11
M12	11 22 21	21°44'41	8♓ 7	6°44	10°44	18°15	0° 8	21°41	22°54	0°24	16°44	25°55	26°20	13°56	17°28	M12
T 13	11 26 18	22°45'19	20° 8	6°10	11°19	18°57	0°14	21°40	22°57	0°25	16°42	25°54	26°17	14° 2	17°24	T 13
W14	11 30 15	23°45'56	2♈18	5°44	11°56	19°40	0°20	21°38	23° 0	0°27	16°41	25°D54	26°14	14° 9	17°20	W14
T 15	11 34 11	24°46'31	14°38	5°26	12°34	20°23	0°26	21°37	23° 3	0°28	16°39	25°54	26°11	14°16	17°16	T 15
F 16	11 38 8	25°47'05	27° 9	5°16	13°13	21° 6	0°31	21°35	23° 6	0°29	16°38	25°R54	26° 8	14°22	17°12	F 16
S 17	11 42 4	26°47'38	9♉53	5°D12	13°54	21°49	0°37	21°34	23° 9	0°30	16°36	25°54	26° 4	14°29	17° 8	S 17
S 18	11 46 1	27°48'08	22°51	5°16	14°35	22°32	0°42	21°32	23°12	0°31	16°35	25°54	26° 1	14°36	17° 3	S 18
M19	11 49 57	28°48'38	6♊ 4	5°26	15°18	23°14	0°47	21°30	23°16	0°33	16°34	25°54	25°58	14°42	16°59	M19
T 20	11 53 54	29°49'05	19°34	5°43	16° 1	23°57	0°52	21°28	23°19	0°34	16°32	25°54	25°55	14°49	16°54	T 20
W21	11 57 50	0♈49'31	3♋22	6° 5	16°46	24°40	0°57	21°26	23°22	0°35	16°31	25°D54	25°52	14°56	16°50	W21
T 22	12 1 47	1°49'55	17°27	6°32	17°31	25°23	1° 2	21°24	23°25	0°36	16°29	25°54	25°49	15° 2	16°45	T 22
F 23	12 5 43	2°50'17	1♌48	7° 4	18°18	26° 5	1° 6	21°22	23°29	0°38	16°28	25°54	25°45	15° 9	16°41	F 23
S 24	12 9 40	3°50'37	16°22	7°41	19° 5	26°48	1°11	21°20	23°32	0°39	16°26	25°55	25°42	15°16	16°36	S 24
S 25	12 13 37	4°50'55	1♍ 6	8°22	19°53	27°30	1°15	21°17	23°35	0°41	16°25	25°56	25°39	15°22	16°32	S 25
M26	12 17 33	5°51'11	15°52	9° 7	20°42	28°13	1°19	21°15	23°38	0°42	16°24	25°56	25°36	15°29	16°27	M26
T 27	12 21 30	6°51'26	0♎35	9°56	21°32	28°55	1°23	21°12	23°42	0°44	16°22	25°R56	25°33	15°36	16°22	T 27
W28	12 25 26	7°51'39	15° 6	10°48	22°23	29°38	1°27	21°10	23°45	0°45	16°21	25°56	25°29	15°42	16°18	W28
T 29	12 29 23	8°51'50	29°21	11°43	23°14	0♊20	1°30	21° 7	23°48	0°47	16°20	25°55	25°26	15°49	16°13	T 29
F 30	12 33 19	9°52'00	13♏14	12°41	24° 6	1° 3	1°34	21° 4	23°52	0°48	16°18	25°53	25°23	15°56	16° 8	F 30
S 31	12 37 16	10♈52'09	26♏44	13♓42	24♒58	1♊45	1♑37	21♏ 1	23♈55	0♊50	16♍17	25♍51	25♍20	16♒ 2	16♎ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s31	6s12	2n17	1s43	3n10	12s 5	6n43	15n 8	0n22	22s29	0n44	15s38	2n29	8n 1	0s39	18n27	1s36	14n12	9n53	1n36	1n13	13s23	9s39	2s50
F 2	7 8	10 2	3 22	1 57	3 20	12 7	6 37	15 23	0 23	22 29	0 44	15 38	2 30	8 2	0 39	18 27	1 36	14 12	9 53	1 36	1 14	13 22	9 38	2 49
S 3	6 45	13 12	4 13	2 15	3 28	12 8	6 31	15 37	0 24	22 29	0 44	15 38	2 30	8 3	0 39	18 27	1 36	14 13	9 53	1 35	1 15	13 21	9 37	2 49
S 4	6 22	15 36	4 49	2 36	3 34	12 9	6 25	15 50	0 25	22 29	0 44	15 37	2 30	8 4	0 39	18 28	1 36	14 14	9 54	1 35	1 17	13 20	9 35	2 49
M 5	5 59	17 10	5 11	3 1	3 37	12 10	6 18	16 4	0 26	22 29	0 44	15 37	2 30	8 5	0 39	18 28	1 36	14 14	9 54	1 35	1 18	13 18	9 34	2 49
T 6	5 36	17 54	5 17	3 27	3 37	12 11	6 12	16 18	0 26	22 29	0 44	15 37	2 31	8 6	0 39	18 28	1 36	14 15	9 54	1 35	1 19	13 17	9 32	2 49
W 7	5 13	17 47	5 9	3 56	3 35	12 11	6 5	16 31	0 27	22 29	0 44	15 36	2 31	8 7	0 39	18 28	1 36	14 16	9 54	1 35	1 20	13 16	9 31	2 48
T 8	4 49	16 53	4 48	4 24	3 31	12 10	5 58	16 44	0 28	22 29	0 44	15 36	2 31	8 8	0 39	18 28	1 36	14 16	9 54	1 35	1 22	13 15	9 29	2 48
F 9	4 26	15 16	4 15	4 53	3 25	12 10	5 51	16 58	0 29	22 29	0 44	15 35	2 31	8 10	0 39	18 29	1 36	14 17	9 54	1 36	1 23	13 14	9 28	2 48
S 10	4 2	13 0	3 31	5 21	3 17	12 9	5 44	17 11	0 29	22 29	0 44	15 35	2 32	8 11	0 39	18 29	1 36	14 17	9 54	1 36	1 24	13 12	9 26	2 48
S 11	3 38	10 12	2 38	5 48	3 8	12 7	5 37	17 23	0 30	22 29	0 44	15 35	2 32	8 12	0 39	18 29	1 36	14 18	9 54	1 37	1 25	13 11	9 24	2 48
M12	3 15	6 57	1 37	6 13	2 57	12 6	5 29	17 36	0 31	22 29	0 44	15 34	2 32	8 13	0 39	18 30	1 35	14 19	9 54	1 37	1 27	13 10	9 23	2 47
T 13	2 51	3 23	0 32	6 36	2 46	12 3	5 22	17 48	0 32	22 29	0 45	15 34	2 32	8 14	0 39	18 30	1 35	14 19	9 54	1 37	1 28	13 9	9 21	2 47
W14	2 27	0n22	0s35	6 57	2 33	12 1	5 14	18 1	0 32	22 29	0 45	15 33	2 33	8 15	0 39	18 30	1 35	14 20	9 54	1 37	1 29	13 7	9 19	2 47
T 15	2 3	4 8	1 42	7 15	2 20	11 58	5 7	18 13	0 33	22 28	0 45	15 32	2 33	8 16	0 39	18 30	1 35	14 21	9 54	1 37	1 30	13 6	9 17	2 47
F 16	1 40	7 47	2 45	7 31	2 7	11 54	4 59	18 25	0 34	22 28	0 45	15 32	2 33	8 18	0 39	18 31	1 35	14 21	9 54	1 37	1 32	13 5	9 16	2 47
S 17	1 16	11 9	3 41	7 45	1 54	11 50	4 52	18 37	0 35	22 28	0 45	15 31	2 33	8 19	0 39	18 31	1 35	14 22	9 54	1 37	1 33	13 4	9 14	2 46
S 18	0 52	14 1	4 27	7 56	1 40	11 46	4 44	18 48	0 35	22 28	0 45	15 30	2 33	8 20	0 39	18 31	1 35	14 22	9 54	1 37	1 34	13 2	9 12	2 46
M19	0 28	16 13	4 59	8 5	1 27	11 41	4 36	19 0	0 36	22 28	0 45	15 30	2 34	8 21	0 39	18 32	1 35	14 23	9 54	1 37	1 35	13 1	9 10	2 46
T 20	0 4	17 34	5 16	8 11	1 14	11 36	4 29	19 11	0 37	22 28	0 45	15 29	2 34	8 22	0 39	18 32	1 35	14 23	9 54	1 37	1 37	13 0	9 8	2 45
W21	0n20	17 56	5 15	8 16	1 1	11 31	4 21	19 22	0 37	22 28	0 45	15 28	2 34	8 23	0 39	18 32	1 35	14 24	9 54	1 37	1 38	12 58	9 6	2 45
T 22	0 43	17 12	4 56	8 18	0 48	11 25	4 14	19 33	0 38	22 28	0 45	15 28	2 34	8 25	0 39	18 32	1 35	14 25	9 54	1 37	1 39	12 57	9 4	2 45
F 23	1 7	15 23	4 18	8 17	0 35	11 18	4 6	19 43	0 39	22 28	0 45	15 27	2 35	8 26	0 39	18 33	1 35	14 25	9 54	1 37	1 40	12 56	9 2	2 45
S 24	1 31	12 33	3 23	8 15	0 23	11 11	3 58	19 54	0 39	22 28	0 45	15 26	2 35	8 27	0 39	18 33	1 35	14 26	9 54	1 36	1 42	12 55	9 0	2 44
S 25	1 55	8 54	2 14	8 11	0 11	11 4	3 51	20 4	0 40	22 28	0 45	15 25	2 35	8 28	0 39	18 33	1 35	14 26	9 54	1 36	1 43	12 53	8 58	2 44
M26	2 18	4 40	0 56	8 5	0s 0	10 56	3 43	20 14	0 40	22 28	0 45	15 24	2 35	8 29	0 39	18 34	1 35	14 27	9 54	1 36	1 44	12 52	8 56	2 44
T 27	2 42	0 10	0n26	7 57	0 11	10 47	3 35	20 24	0 41	22 27	0 45	15 24	2 35	8 31	0 39	18 34	1 35	14 27	9 54	1 36	1 45	12 51	8 54	2 43
W28	3 5	4s17	1 44	7 47	0 22	10 39	3 28	20 34	0 42	22 27	0 45	15 23	2 36	8 32	0 39	18 34	1 35	14 28	9 54	1 36	1 47	12 50	8 52	2 43
T 29	3 29	8 25	2 55	7 36	0 32	10 29	3 20	20 43	0 42	22 27	0 45	15 22	2 36	8 33	0 39	18 35	1 35	14 28	9 54	1 37	1 48	12 48	8 50	2 43
F 30	3 52	11 57	3 53	7 23	0 42	10 20	3 13	20 53	0 43	22 27	0 46	15 21	2 36	8 34	0 39	18 35	1 35	14 29	9 54	1 37	1 49	12 47	8 47	2 42
S 31	4n16	14s45	4n37	7s 9	0s51	10s10	3n 6	21n 2	0n43	22s27	0n46	15s20	2n36	8n36	0s39	18n36	1s35	14n29	9n54	1n38	1n50	12s46	8s45	2s42

Julian Day Number = 3069229.5, Delta T = 02h35m37s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'02, Lahiri = 47°34'02

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

APRIL 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 41 12	11♈52'16	9♐49	14♓45	25♒52	2♊27	1♑40	20°R58	23♈58	0♊51	16°R16	25°R49	25♍17	16♒ 9	15°R59	S 1
M 2	12 45 9	12°52'21	22°31	15°51	26°46	3° 9	1°43	20♏55	24° 2	0°53	16♍14	25♍47	25°14	16°16	15♎54	M 2
T 3	12 49 6	13°52'25	4♑54	16°59	27°40	3°52	1°45	20°52	24° 5	0°55	16°13	25°46	25°10	16°22	15°49	T 3
W 4	12 53 2	14°52'28	17° 1	18° 9	28°35	4°34	1°48	20°49	24° 9	0°56	16°12	25°D46	25° 7	16°29	15°44	W 4
T 5	12 56 59	15°52'29	28°57	19°21	29°31	5°16	1°50	20°45	24°12	0°58	16°11	25°46	25° 4	16°36	15°39	T 5
F 6	13 0 55	16°52'28	10♒47	20°35	0♓27	5°58	1°52	20°42	24°15	1° 0	16° 9	25°48	25° 1	16°42	15°35	F 6
S 7	13 4 52	17°52'26	22°36	21°50	1°24	6°40	1°54	20°38	24°19	1° 2	16° 8	25°49	24°58	16°49	15°30	S 7
S 8	13 8 48	18°52'22	4♓28	23° 8	2°21	7°22	1°56	20°35	24°22	1° 3	16° 7	25°51	24°54	16°56	15°25	S 8
M 9	13 12 45	19°52'17	16°28	24°27	3°19	8° 4	1°57	20°31	24°26	1° 5	16° 6	25°52	24°51	17° 2	15°20	M 9
T 10	13 16 41	20°52'10	28°38	25°48	4°17	8°46	1°59	20°28	24°29	1° 7	16° 5	25°R53	24°48	17° 9	15°15	T 10
W11	13 20 38	21°52'01	11♈ 0	27°10	5°15	9°28	2° 0	20°24	24°33	1° 9	16° 3	25°52	24°45	17°16	15°11	W11
T 12	13 24 34	22°51'50	23°37	28°34	6°14	10°10	2° 1	20°20	24°36	1°11	16° 2	25°49	24°42	17°22	15° 6	T 12
F 13	13 28 31	23°51'38	6♉29	29°59	7°14	10°52	2° 1	20°16	24°39	1°12	16° 1	25°46	24°39	17°29	15° 1	F 13
S 14	13 32 28	24°51'23	19°36	1♈26	8°14	11°34	2° 2	20°12	24°43	1°14	16° 0	25°41	24°35	17°36	14°56	S 14
S 15	13 36 24	25°51'07	2♊57	2°55	9°14	12°16	2° 2	20° 8	24°46	1°16	15°59	25°36	24°32	17°43	14°52	S 15
M16	13 40 21	26°50'49	16°30	4°24	10°14	12°58	2° 3	20° 4	24°50	1°18	15°58	25°32	24°29	17°49	14°47	M16
T 17	13 44 17	27°50'28	0♋14	5°55	11°15	13°40	2°R 3	20° 0	24°53	1°20	15°57	25°28	24°26	17°56	14°42	T 17
W18	13 48 14	28°50'06	14° 8	7°27	12°16	14°21	2° 3	19°56	24°57	1°22	15°56	25°25	24°23	18° 3	14°38	W18
T 19	13 52 10	29°49'41	28°10	9° 1	13°18	15° 3	2° 2	19°52	25° 0	1°24	15°55	25°D25	24°20	18° 9	14°33	T 19
F 20	13 56 7	0♌49'13	12♌20	10°36	14°20	15°45	2° 2	19°48	25° 3	1°26	15°54	25°25	24°16	18°16	14°29	F 20
S 21	14 0 3	1°48'44	26°34	12°12	15°22	16°26	2° 1	19°43	25° 7	1°28	15°53	25°26	24°13	18°23	14°24	S 21
S 22	14 4 0	2°48'12	10♍52	13°50	16°24	17° 8	2° 0	19°39	25°10	1°30	15°52	25°28	24°10	18°29	14°20	S 22
M23	14 7 57	3°47'38	25°10	15°29	17°27	17°49	1°59	19°35	25°14	1°32	15°51	25°R28	24° 7	18°36	14°15	M23
T 24	14 11 53	4°47'02	9♎26	17° 9	18°30	18°31	1°58	19°30	25°17	1°34	15°50	25°28	24° 4	18°43	14°11	T 24
W25	14 15 50	5°46'24	23°34	18°51	19°33	19°12	1°56	19°26	25°20	1°36	15°49	25°25	24° 0	18°49	14° 7	W25
T 26	14 19 46	6°45'44	7♏31	20°34	20°37	19°54	1°55	19°21	25°24	1°38	15°49	25°20	23°57	18°56	14° 3	T 26
F 27	14 23 43	7°45'02	21°12	22°19	21°40	20°35	1°53	19°17	25°27	1°40	15°48	25°14	23°54	19° 3	13°59	F 27
S 28	14 27 39	8°44'18	4♐35	24° 4	22°44	21°17	1°51	19°12	25°31	1°43	15°47	25° 6	23°51	19° 9	13°54	S 28
S 29	14 31 36	9°43'32	17°38	25°52	23°49	21°58	1°49	19° 8	25°34	1°45	15°46	24°59	23°48	19°16	13°50	S 29
M30	14 35 32	10♌42'45	0♑20	27♈40	24♓53	22♊39	1♑46	19♏ 3	25♈37	1♊47	15♍45	24♍52	23♍45	19♒23	13♎46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n39	16s42	5n 4	6s53	1s 0	9s59	2n58	21n11	0n44	22s27	0n46	15s19	2n36	8n37	0s39	18n36	1s35	14n30	9n54	1n39	1n52	12s44	8s43	2s42
M 2	5 2	17 45	5 16	6 35	1 9	9 48	2 51	21 19	0 45	22 27	0 46	15 18	2 36	8 38	0 39	18 36	1 35	14 30	9 54	1 40	1 53	12 43	8 41	2 41
T 3	5 25	17 56	5 12	6 17	1 17	9 36	2 43	21 28	0 45	22 27	0 46	15 17	2 37	8 39	0 39	18 37	1 34	14 30	9 54	1 40	1 54	12 42	8 39	2 41
W 4	5 49	17 16	4 55	5 56	1 24	9 25	2 36	21 36	0 46	22 27	0 46	15 16	2 37	8 41	0 39	18 37	1 34	14 31	9 54	1 40	1 55	12 41	8 37	2 41
T 5	6 11	15 51	4 25	5 35	1 31	9 12	2 29	21 44	0 46	22 27	0 46	15 15	2 37	8 42	0 39	18 37	1 34	14 31	9 54	1 40	1 57	12 39	8 34	2 40
F 6	6 34	13 46	3 44	5 12	1 38	9 0	2 22	21 52	0 47	22 26	0 46	15 14	2 37	8 43	0 39	18 38	1 34	14 32	9 54	1 39	1 58	12 38	8 32	2 40
S 7	6 57	11 7	2 53	4 49	1 44	8 46	2 15	22 0	0 47	22 26	0 46	15 13	2 37	8 44	0 39	18 38	1 34	14 32	9 54	1 39	1 59	12 37	8 30	2 39
S 8	7 20	7 59	1 55	4 24	1 50	8 33	2 8	22 8	0 48	22 26	0 46	15 12	2 37	8 46	0 39	18 39	1 34	14 33	9 54	1 38	2 0	12 35	8 28	2 39
M 9	7 42	4 30	0 52	3 57	1 56	8 19	2 1	22 15	0 48	22 26	0 46	15 11	2 38	8 47	0 39	18 39	1 34	14 33	9 54	1 38	2 2	12 34	8 26	2 39
T 10	8 4	0 46	0s15	3 30	2 1	8 5	1 54	22 22	0 49	22 26	0 46	15 10	2 38	8 48	0 39	18 39	1 34	14 33	9 53	1 37	2 3	12 33	8 23	2 38
W11	8 27	3n 3	1 22	3 2	2 5	7 50	1 47	22 29	0 49	22 26	0 46	15 9	2 38	8 49	0 39	18 40	1 34	14 34	9 53	1 38	2 4	12 31	8 21	2 38
T 12	8 49	6 49	2 27	2 33	2 9	7 35	1 41	22 35	0 50	22 26	0 46	15 8	2 38	8 51	0 39	18 40	1 34	14 34	9 53	1 39	2 5	12 30	8 19	2 37
F 13	9 11	10 20	3 25	2 2	2 13	7 19	1 34	22 42	0 50	22 26	0 46	15 6	2 38	8 52	0 39	18 41	1 34	14 34	9 53	1 40	2 7	12 29	8 17	2 37
S 14	9 32	13 24	4 13	1 31	2 16	7 3	1 27	22 48	0 51	22 26	0 46	15 5	2 38	8 53	0 39	18 41	1 34	14 35	9 53	1 42	2 8	12 28	8 14	2 36
S 15	9 54	15 50	4 49	0 59	2 19	6 47	1 21	22 54	0 51	22 26	0 46	15 4	2 38	8 54	0 39	18 41	1 34	14 35	9 53	1 44	2 9	12 26	8 12	2 36
M16	10 15	17 25	5 9	0 26	2 21	6 30	1 15	23 0	0 52	22 26	0 46	15 3	2 38	8 56	0 39	18 42	1 34	14 35	9 53	1 46	2 10	12 25	8 10	2 35
T 17	10 37	18 2	5 11	0n 8	2 23	6 14	1 8	23 5	0 52	22 26	0 47	15 2	2 39	8 57	0 39	18 42	1 34	14 36	9 53	1 47	2 12	12 24	8 8	2 35
W18	10 58	17 34	4 56	0 43	2 25	5 56	1 2	23 11	0 52	22 26	0 47	15 1	2 39	8 58	0 39	18 43	1 34	14 36	9 53	1 48	2 13	12 22	8 6	2 35
T 19	11 19	16 2	4 23	1 18	2 26	5 39	0 56	23 16	0 53	22 26	0 47	14 59	2 39	8 59	0 39	18 43	1 34	14 36	9 52	1 48	2 14	12 21	8 3	2 34
F 20	11 39	13 31	3 34	1 55	2 26	5 21	0 50	23 21	0 53	22 26	0 47	14 58	2 39	9 1	0 39	18 44	1 34	14 36	9 52	1 48	2 15	12 20	8 1	2 34
S 21	12 0	10 10	2 31	2 32	2 26	5 3	0 44	23 26	0 54	22 26	0 47	14 57	2 39	9 2	0 39	18 44	1 34	14 37	9 52	1 48	2 17	12 18	7 59	2 33
S 22	12 20	6 12	1 19	3 10	2 26	4 44	0 38	23 30	0 54	22 26	0 47	14 56	2 39	9 3	0 39	18 44	1 34	14 37	9 52	1 47	2 18	12 17	7 57	2 33
M23	12 40	1 53	0 2	3 49	2 25	4 25	0 32	23 34	0 55	22 26	0 47	14 55	2 39	9 4	0 39	18 45	1 34	14 37	9 52	1 47	2 19	12 16	7 55	2 32
T 24	13 0	2s33	1n15	4 28	2 23	4 6	0 27	23 38	0 55	22 25	0 47	14 53	2 39	9 6	0 39	18 45	1 34	14 37	9 52	1 47	2 20	12 14	7 53	2 32
W25	13 19	6 48	2 27	5 8	2 22	3 47	0 21	23 42	0 55	22 25	0 47	14 52	2 39	9 7	0 39	18 46	1 34	14 38	9 52	1 48	2 22	12 13	7 50	2 31
T 26	13 39	10 36	3 28	5 48	2 19	3 27	0 15	23 46	0 56	22 25	0 47	14 51	2 39	9 8	0 39	18 46	1 34	14 38	9 51	1 50	2 23	12 12	7 48	2 31
F 27	13 58	13 46	4 17	6 30	2 16	3 7	0 10	23 49	0 56	22 25	0 47	14 50	2 39	9 9	0 39	18 47	1 34	14 38	9 51	1 53	2 24	12 10	7 46	2 30
S 28	14 17	16 7	4 49	7 11	2 13	2 47	0 5	23 53	0 57	22 25	0 47	14 48	2 39	9 10	0 39	18 47	1 34	14 38	9 51	1 56	2 25	12 9	7 44	2 30
S 29	14 36	17 34	5 6	7 53	2 9	2 27	0s 0	23 56	0 57	22 25	0 47	14 47	2 39	9 12	0 39	18 47	1 34	14 38	9 51	1 59	2 27	12 8	7 42	2 29
M30	14n54	18s 6	5n 7	8n36	2s 5	2s 6	0s 6	23n58	0n57	22s25	0n47	14s46	2n39	9n13	0s39	18n48	1s34	14n38	9n51	2n 1	2n28	12s 6	7s40	2s28

Julian Day Number = 3069260.5, Delta T = 02h35m38s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'06, Lahiri = 47°34'07

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

MAY 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 39 29	11♉41'56	12♋45	29♈30	25♓58	23♊21	1°R44	18°R59	25♈41	1♊49	15°R45	24°R46	23♍41	19♒29	13°R43	T 1
W 2	14 43 26	12°41'05	24°53	1♉22	27° 3	24° 2	1♋41	18♏54	25°44	1°51	15♍44	24♍42	23°38	19°36	13♎39	W 2
T 3	14 47 22	13°40'12	6♒51	3°15	28° 8	24°43	1°38	18°49	25°47	1°53	15°43	24°40	23°35	19°43	13°35	T 3
F 4	14 51 19	14°39'18	18°42	5° 9	29°13	25°24	1°35	18°45	25°51	1°56	15°43	24°D40	23°32	19°49	13°31	F 4
S 5	14 55 15	15°38'22	0♓31	7° 5	0♈19	26° 5	1°32	18°40	25°54	1°58	15°42	24°41	23°29	19°56	13°28	S 5
S 6	14 59 12	16°37'24	12°24	9° 2	1°25	26°46	1°28	18°36	25°57	2° 0	15°42	24°42	23°25	20° 3	13°24	S 6
M 7	15 3 8	17°36'25	24°27	11° 1	2°31	27°27	1°25	18°31	26° 0	2° 2	15°41	24°R43	23°22	20° 9	13°21	M 7
T 8	15 7 5	18°35'23	6♈42	13° 1	3°37	28° 8	1°21	18°26	26° 4	2° 4	15°40	24°42	23°19	20°16	13°17	T 8
W 9	15 11 1	19°34'21	19°15	15° 3	4°43	28°49	1°17	18°22	26° 7	2° 7	15°40	24°39	23°16	20°23	13°14	W 9
T 10	15 14 58	20°33'16	2♉ 7	17° 5	5°49	29°30	1°13	18°17	26°10	2° 9	15°39	24°34	23°13	20°29	13°11	T 10
F 11	15 18 54	21°32'10	15°19	19° 9	6°56	0♋11	1° 9	18°12	26°13	2°11	15°39	24°26	23°10	20°36	13° 8	F 11
S 12	15 22 51	22°31'01	28°49	21°14	8° 3	0°52	1° 4	18° 8	26°16	2°13	15°39	24°17	23° 6	20°43	13° 5	S 12
S 13	15 26 48	23°29'51	12♊37	23°20	9°10	1°33	1° 0	18° 3	26°20	2°15	15°38	24° 7	23° 3	20°49	13° 2	S 13
M14	15 30 44	24°28'39	26°36	25°26	10°17	2°14	0°55	17°58	26°23	2°18	15°38	23°58	23° 0	20°56	12°59	M14
T 15	15 34 41	25°27'25	10♋45	27°33	11°24	2°54	0°50	17°54	26°26	2°20	15°37	23°49	22°57	21° 3	12°56	T 15
W16	15 38 37	26°26'09	24°57	29°41	12°31	3°35	0°45	17°49	26°29	2°22	15°37	23°43	22°54	21° 9	12°54	W16
T 17	15 42 34	27°24'50	9♌10	1♊49	13°39	4°16	0°40	17°45	26°32	2°24	15°37	23°40	22°51	21°16	12°51	T 17
F 18	15 46 30	28°23'30	23°20	3°57	14°46	4°57	0°34	17°40	26°35	2°27	15°37	23°D38	22°47	21°23	12°49	F 18
S 19	15 50 27	29°22'07	7♍27	6° 4	15°54	5°37	0°29	17°36	26°38	2°29	15°36	23°39	22°44	21°29	12°47	S 19
S 20	15 54 24	0♊20'42	21°28	8°11	17° 1	6°18	0°23	17°31	26°41	2°31	15°36	23°R39	22°41	21°36	12°44	S 20
M21	15 58 20	1°19'15	5♎24	10°17	18° 9	6°58	0°18	17°27	26°44	2°34	15°36	23°38	22°38	21°43	12°42	M21
T 22	16 2 17	2°17'45	19°14	12°21	19°17	7°39	0°12	17°22	26°47	2°36	15°36	23°36	22°35	21°49	12°40	T 22
W23	16 6 13	3°16'14	2♏56	14°24	20°26	8°19	0° 6	17°18	26°50	2°38	15°36	23°31	22°31	21°56	12°38	W23
T 24	16 10 10	4°14'41	16°28	16°25	21°34	9° 0	29♐59	17°14	26°53	2°40	15°36	23°23	22°28	22° 3	12°37	T 24
F 25	16 14 6	5°13'06	29°48	18°24	22°42	9°40	29°53	17° 9	26°56	2°43	15°35	23°13	22°25	22° 9	12°35	F 25
S 26	16 18 3	6°11'29	12♐55	20°20	23°51	10°21	29°47	17° 5	26°59	2°45	15°35	23° 1	22°22	22°16	12°33	S 26
S 27	16 21 59	7° 9'51	25°46	22°14	24°59	11° 1	29°41	17° 1	27° 1	2°47	15°D35	22°49	22°19	22°23	12°32	S 27
M28	16 25 56	8° 8'11	8♑21	24° 4	26° 8	11°41	29°34	16°57	27° 4	2°49	15°35	22°37	22°16	22°29	12°30	M28
T 29	16 29 53	9° 6'30	20°41	25°52	27°16	12°22	29°27	16°52	27° 7	2°52	15°36	22°27	22°12	22°36	12°29	T 29
W30	16 33 49	10° 4'46	2♒47	27°36	28°25	13° 2	29°21	16°48	27°10	2°54	15°36	22°19	22° 9	22°43	12°28	W30
T 31	16 37 46	11♊ 3'02	14♒43	29♊16	29♈34	13♋42	29♐14	16♏44	27♈12	2♊56	15♍36	22♍14	22♍ 6	22♒49	12♎27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n12	17s44	4n54	9n19	2s 0	1s45	0s11	24n 1	0n58	22s25	0n47	14s45	2n39	9n14	0s39	18n48	1s34	14n39	9n51	2n 4	2n29	12s 5	7s38	2s28
W 2	15 30	16 34	4 27	10 2	1 55	1 24	0 15	24 3	0 58	22 25	0 47	14 43	2 39	9 15	0 39	18 49	1 34	14 39	9 51	2 5	2 30	12 4	7 36	2 27
T 3	15 48	14 41	3 49	10 46	1 50	1 3	0 20	24 5	0 58	22 25	0 47	14 42	2 40	9 16	0 39	18 49	1 34	14 39	9 50	2 6	2 32	12 2	7 34	2 27
F 4	16 5	12 12	3 2	11 30	1 43	0 41	0 25	24 7	0 59	22 25	0 47	14 41	2 40	9 18	0 39	18 50	1 34	14 39	9 50	2 6	2 33	12 1	7 32	2 26
S 5	16 22	9 12	2 7	12 14	1 37	0 20	0 29	24 9	0 59	22 25	0 47	14 40	2 40	9 19	0 39	18 50	1 34	14 39	9 50	2 6	2 34	12 0	7 30	2 26
S 6	16 39	5 50	1 6	12 58	1 30	0n 2	0 34	24 10	0 59	22 25	0 47	14 38	2 40	9 20	0 39	18 51	1 34	14 39	9 50	2 5	2 35	11 58	7 29	2 25
M 7	16 56	2 10	0 1	13 42	1 22	0 24	0 38	24 11	1 0	22 25	0 47	14 37	2 40	9 21	0 39	18 51	1 34	14 39	9 50	2 5	2 36	11 57	7 27	2 25
T 8	17 12	1n39	1s 4	14 25	1 14	0 46	0 43	24 12	1 0	22 26	0 47	14 36	2 40	9 22	0 39	18 51	1 34	14 39	9 49	2 5	2 38	11 56	7 25	2 24
W 9	17 28	5 30	2 8	15 9	1 6	1 8	0 47	24 13	1 0	22 26	0 47	14 35	2 40	9 23	0 39	18 52	1 33	14 39	9 49	2 6	2 39	11 54	7 23	2 23
T 10	17 44	9 10	3 7	15 52	0 57	1 31	0 51	24 14	1 1	22 26	0 47	14 33	2 39	9 25	0 39	18 52	1 33	14 39	9 49	2 8	2 40	11 53	7 21	2 23
F 11	17 59	12 30	3 57	16 35	0 48	1 53	0 55	24 14	1 1	22 26	0 47	14 32	2 39	9 26	0 39	18 53	1 33	14 39	9 49	2 11	2 41	11 51	7 20	2 22
S 12	18 14	15 14	4 35	17 17	0 38	2 16	0 59	24 14	1 1	22 26	0 47	14 31	2 39	9 27	0 39	18 53	1 33	14 39	9 49	2 15	2 43	11 50	7 18	2 22
S 13	18 29	17 10	4 58	17 59	0 28	2 38	1 2	24 14	1 1	22 26	0 47	14 30	2 39	9 28	0 39	18 54	1 33	14 39	9 49	2 19	2 44	11 49	7 16	2 21
M14	18 43	18 7	5 4	18 39	0 18	3 1	1 6	24 14	1 2	22 26	0 47	14 29	2 39	9 29	0 39	18 54	1 33	14 39	9 48	2 23	2 45	11 47	7 15	2 21
T 15	18 57	17 57	4 51	19 19	0 8	3 24	1 9	24 13	1 2	22 26	0 47	14 27	2 39	9 30	0 39	18 55	1 33	14 39	9 48	2 26	2 46	11 46	7 13	2 20
W16	19 11	16 40	4 21	19 57	0n 3	3 47	1 13	24 13	1 2	22 26	0 47	14 26	2 39	9 31	0 39	18 55	1 33	14 39	9 48	2 28	2 48	11 45	7 11	2 19
T 17	19 24	14 21	3 34	20 33	0 13	4 10	1 16	24 12	1 3	22 26	0 47	14 25	2 39	9 32	0 39	18 55	1 33	14 39	9 48	2 30	2 49	11 43	7 10	2 19
F 18	19 37	11 11	2 34	21 8	0 24	4 33	1 19	24 10	1 3	22 26	0 47	14 24	2 39	9 33	0 39	18 56	1 33	14 39	9 48	2 30	2 50	11 42	7 8	2 18
S 19	19 50	7 23	1 25	21 42	0 35	4 56	1 22	24 9	1 3	22 26	0 47	14 23	2 39	9 34	0 39	18 56	1 33	14 39	9 47	2 30	2 51	11 40	7 7	2 18
S 20	20 2	3 10	0 12	22 13	0 45	5 19	1 25	24 7	1 3	22 26	0 47	14 21	2 39	9 36	0 39	18 57	1 33	14 39	9 47	2 30	2 53	11 39	7 6	2 17
M21	20 14	1s11	1n 2	22 42	0 56	5 42	1 28	24 6	1 4	22 26	0 47	14 20	2 39	9 37	0 39	18 57	1 33	14 39	9 47	2 30	2 54	11 38	7 4	2 16
T 22	20 26	5 26	2 12	23 9	1 6	6 5	1 31	24 4	1 4	22 26	0 47	14 19	2 39	9 38	0 39	18 58	1 33	14 38	9 47	2 31	2 55	11 36	7 3	2 16
W23	20 37	9 21	3 13	23 34	1 15	6 28	1 34	24 2	1 4	22 26	0 47	14 18	2 39	9 39	0 39	18 58	1 33	14 38	9 47	2 33	2 56	11 35	7 2	2 15
T 24	20 48	12 44	4 2	23 56	1 25	6 51	1 36	23 59	1 4	22 26	0 47	14 17	2 39	9 40	0 39	18 58	1 33	14 38	9 46	2 36	2 58	11 34	7 0	2 15
F 25	20 58	15 24	4 37	24 16	1 33	7 13	1 39	23 56	1 4	22 26	0 47	14 16	2 38	9 41	0 39	18 59	1 33	14 38	9 46	2 40	2 59	11 32	6 59	2 14
S 26	21 9	17 14	4 57	24 34	1 42	7 36	1 41	23 54	1 5	22 26	0 47	14 15	2 38	9 42	0 39	18 59	1 33	14 38	9 46	2 45	3 0	11 31	6 58	2 13
S 27	21 18	18 8	5 1	24 49	1 49	7 59	1 43	23 51	1 5	22 26	0 47	14 14	2 38	9 43	0 39	19 0	1 33	14 38	9 46	2 50	3 1	11 29	6 57	2 13
M28	21 28	18 8	4 50	25 1	1 56	8 22	1 45	23 47	1 5	22 26	0 47	14 13	2 38	9 44	0 39	19 0	1 33	14 37	9 46	2 54	3 3	11 28	6 56	2 12
T 29	21 37	17 15	4 26	25 12	2 2	8 44	1 47	23 44	1 5	22 26	0 47	14 12	2 38	9 45	0 39	19 1	1 33	14 37	9 45	2 58	3 4	11 27	6 55	2 12
W30	21 45	15 37	3 50	25 20	2 8	9 7	1 49	23 40	1 5	22 26	0 47	14 11	2 38	9 46	0 39	19 1	1 33	14 37	9 45	3 1	3 5	11 25	6 54	2 11
T 31	21n54	13s19	3n 5	25n25	2n12	9n29	1s51	23n37	1n 6	22s26	0n47	14s10	2n38	9n47	0s39	19n 1	1s33	14n37	9n45	3n 3	3n 6	11s24	6s53	2s10

Julian Day Number = 3069290.5, Delta T = 02h35m39s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'10, Lahiri = 47°34'11

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

JUNE 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 41 42	12♊ 1'16	26♒34	0♋53	0♉43	14♋22	29°R 7	16°R40	27♈15	2♊58	15♍36	22°R11	22♍ 3	22♒56	12°R26	F 1
S 2	16 45 39	12°59'28	8♓23	2°27	1°52	15° 2	29♐ 0	16♏36	27°18	3° 1	15°36	22♍11	22° 0	23° 3	12♎25	S 2
S 3	16 49 35	13°57'39	20°16	3°56	3° 2	15°43	28°53	16°33	27°20	3° 3	15°36	22°10	21°57	23° 9	12°25	S 3
M 4	16 53 32	14°55'49	2♈18	5°22	4°11	16°23	28°46	16°29	27°23	3° 5	15°36	22°10	21°53	23°16	12°24	M 4
T 5	16 57 28	15°53'57	14°36	6°44	5°20	17° 3	28°38	16°25	27°25	3° 7	15°37	22° 9	21°50	23°23	12°23	T 5
W 6	17 1 25	16°52'05	27°13	8° 2	6°30	17°43	28°31	16°21	27°28	3°10	15°37	22° 5	21°47	23°29	12°23	W 6
T 7	17 5 22	17°50'10	10♉13	9°15	7°39	18°23	28°24	16°18	27°30	3°12	15°37	21°59	21°44	23°36	12°23	T 7
F 8	17 9 18	18°48'15	23°38	10°25	8°49	19° 3	28°16	16°14	27°33	3°14	15°38	21°50	21°41	23°43	12°23	F 8
S 9	17 13 15	19°46'18	7♊26	11°30	9°58	19°43	28° 9	16°11	27°35	3°16	15°38	21°39	21°37	23°49	12°D23	S 9
S 10	17 17 11	20°44'20	21°36	12°31	11° 8	20°23	28° 1	16° 7	27°38	3°18	15°38	21°27	21°34	23°56	12°23	S 10
M11	17 21 8	21°42'20	6♋ 2	13°28	12°18	21° 3	27°54	16° 4	27°40	3°21	15°39	21°16	21°31	24° 2	12°23	M11
T 12	17 25 4	22°40'19	20°36	14°20	13°28	21°42	27°46	16° 1	27°42	3°23	15°39	21° 6	21°28	24° 9	12°23	T 12
W13	17 29 1	23°38'16	5♌13	15° 8	14°37	22°22	27°39	15°57	27°45	3°25	15°40	20°58	21°25	24°16	12°24	W13
T 14	17 32 57	24°36'11	19°45	15°52	15°47	23° 2	27°31	15°54	27°47	3°27	15°40	20°53	21°22	24°22	12°24	T 14
F 15	17 36 54	25°34'05	4♍ 8	16°31	16°57	23°42	27°23	15°51	27°49	3°29	15°41	20°51	21°18	24°29	12°25	F 15
S 16	17 40 51	26°31'57	18°20	17° 5	18° 7	24°22	27°16	15°48	27°51	3°31	15°41	20°50	21°15	24°36	12°26	S 16
S 17	17 44 47	27°29'47	2♎18	17°34	19°18	25° 1	27° 8	15°45	27°53	3°33	15°42	20°50	21°12	24°42	12°27	S 17
M18	17 48 44	28°27'36	16° 3	17°59	20°28	25°41	27° 1	15°43	27°55	3°35	15°42	20°50	21° 9	24°49	12°28	M18
T 19	17 52 40	29°25'23	29°36	18°19	21°38	26°21	26°53	15°40	27°57	3°38	15°43	20°47	21° 6	24°56	12°29	T 19
W20	17 56 37	0♋23'08	12♏57	18°34	22°48	27° 0	26°45	15°37	27°59	3°40	15°44	20°42	21° 3	25° 2	12°30	W20
T 21	18 0 33	1°20'53	26° 7	18°44	23°59	27°40	26°38	15°35	28° 1	3°42	15°44	20°33	20°59	25° 9	12°32	T 21
F 22	18 4 30	2°18'35	9♐ 5	18°50	25° 9	28°19	26°30	15°32	28° 3	3°44	15°45	20°23	20°56	25°16	12°33	F 22
S 23	18 8 26	3°16'17	21°51	18°R51	26°19	28°59	26°23	15°30	28° 5	3°46	15°46	20°11	20°53	25°22	12°35	S 23
S 24	18 12 23	4°13'57	4♑26	18°47	27°30	29°38	26°15	15°28	28° 7	3°48	15°47	19°58	20°50	25°29	12°36	S 24
M25	18 16 20	5°11'36	16°48	18°39	28°40	0♌18	26° 8	15°25	28° 9	3°50	15°47	19°46	20°47	25°36	12°38	M25
T 26	18 20 16	6° 9'14	28°58	18°27	29°51	0°57	26° 0	15°23	28°11	3°52	15°48	19°35	20°43	25°42	12°40	T 26
W27	18 24 13	7° 6'51	10♒59	18°10	1♊ 2	1°37	25°53	15°21	28°12	3°54	15°49	19°27	20°40	25°49	12°42	W27
T 28	18 28 9	8° 4'28	22°52	17°50	2°12	2°16	25°45	15°19	28°14	3°56	15°50	19°22	20°37	25°56	12°44	T 28
F 29	18 32 6	9° 2'03	4♓40	17°27	3°23	2°56	25°38	15°18	28°16	3°58	15°51	19°19	20°34	26° 2	12°47	F 29
S 30	18 36 2	9♋59'37	16♓28	17♋ 1	4♊34	3♌35	25♐31	15♏16	28♈17	4♊ 0	15♍52	19°D18	20♍31	26♒ 9	12♎49	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 1	10s29	2n11	25n29	2n16	9n52	1s52	23n33	1n 6	22s26	0n47	14s 9	2n38	9n47	0s39	19n 2	1s33	14n36	9n45	3n 4	3n 8	11s22	6s52	2s10
S 2	22 9	7 14	1 13	25 31	2 19	10 14	1 54	23 28	1 6	22 26	0 47	14 8	2 37	9 48	0 39	19 2	1 33	14 36	9 44	3 5	3 9	11 21	6 51	2 9
S 3	22 16	3 40	0 10	25 31	2 21	10 36	1 55	23 24	1 6	22 26	0 47	14 7	2 37	9 49	0 39	19 3	1 33	14 36	9 44	3 5	3 10	11 20	6 50	2 9
M 4	22 23	0n 5	0s53	25 29	2 22	10 58	1 57	23 19	1 6	22 26	0 47	14 6	2 37	9 50	0 39	19 3	1 33	14 36	9 44	3 5	3 11	11 18	6 49	2 8
T 5	22 29	3 55	1 56	25 25	2 22	11 19	1 58	23 15	1 7	22 26	0 47	14 5	2 37	9 51	0 39	19 4	1 33	14 35	9 44	3 5	3 13	11 17	6 49	2 7
W 6	22 35	7 40	2 54	25 20	2 21	11 41	1 59	23 10	1 7	22 26	0 47	14 4	2 37	9 52	0 39	19 4	1 33	14 35	9 44	3 7	3 14	11 15	6 48	2 7
T 7	22 40	11 11	3 45	25 13	2 19	12 2	2 0	23 5	1 7	22 26	0 47	14 3	2 37	9 53	0 39	19 4	1 33	14 35	9 43	3 9	3 15	11 14	6 47	2 6
F 8	22 45	14 13	4 25	25 5	2 17	12 23	2 1	22 59	1 7	22 26	0 46	14 2	2 37	9 54	0 39	19 5	1 33	14 34	9 43	3 13	3 16	11 12	6 47	2 6
S 9	22 50	16 33	4 52	24 56	2 13	12 44	2 2	22 54	1 7	22 26	0 46	14 2	2 36	9 54	0 39	19 5	1 34	14 34	9 43	3 17	3 18	11 11	6 46	2 5
S 10	22 54	17 57	5 1	24 46	2 8	13 5	2 3	22 48	1 7	22 26	0 46	14 1	2 36	9 55	0 39	19 6	1 34	14 34	9 43	3 22	3 19	11 10	6 46	2 4
M11	22 58	18 14	4 51	24 35	2 3	13 26	2 3	22 42	1 7	22 26	0 46	14 0	2 36	9 56	0 39	19 6	1 34	14 33	9 43	3 26	3 20	11 8	6 45	2 4
T 12	23 1	17 20	4 22	24 23	1 56	13 46	2 4	22 36	1 8	22 26	0 46	13 59	2 36	9 57	0 39	19 6	1 34	14 33	9 42	3 30	3 21	11 7	6 45	2 3
W13	23 4	15 17	3 36	24 10	1 48	14 6	2 4	22 30	1 8	22 26	0 46	13 59	2 36	9 58	0 39	19 7	1 34	14 33	9 42	3 33	3 22	11 5	6 44	2 3
T 14	23 7	12 17	2 36	23 56	1 40	14 26	2 5	22 23	1 8	22 26	0 46	13 58	2 35	9 58	0 39	19 7	1 34	14 32	9 42	3 35	3 24	11 4	6 44	2 2
F 15	23 9	8 33	1 27	23 42	1 30	14 45	2 5	22 17	1 8	22 26	0 46	13 57	2 35	9 59	0 39	19 8	1 34	14 32	9 42	3 36	3 25	11 3	6 44	2 1
S 16	23 10	4 22	0 13	23 28	1 20	15 4	2 5	22 10	1 8	22 26	0 46	13 57	2 35	10 0	0 39	19 8	1 34	14 32	9 42	3 36	3 26	11 1	6 43	2 1
S 17	23 12	0 1	1n 0	23 13	1 9	15 23	2 5	22 3	1 8	22 26	0 46	13 56	2 35	10 1	0 39	19 8	1 34	14 31	9 41	3 36	3 27	11 0	6 43	2 0
M18	23 13	4s16	2 9	22 57	0 56	15 42	2 5	21 56	1 8	22 26	0 46	13 55	2 35	10 1	0 39	19 9	1 34	14 31	9 41	3 36	3 29	10 58	6 43	1 59
T 19	23 13	8 16	3 10	22 42	0 43	16 0	2 5	21 49	1 8	22 25	0 45	13 55	2 34	10 2	0 39	19 9	1 34	14 30	9 41	3 37	3 30	10 57	6 43	1 59
W20	23 13	11 47	3 59	22 26	0 29	16 18	2 5	21 41	1 9	22 25	0 45	13 54	2 34	10 3	0 40	19 9	1 34	14 30	9 41	3 39	3 31	10 55	6 43	1 58
T 21	23 13	14 39	4 34	22 10	0 15	16 35	2 4	21 34	1 9	22 25	0 45	13 54	2 34	10 3	0 40	19 10	1 34	14 29	9 41	3 42	3 32	10 54	6 43	1 58
F 22	23 12	16 45	4 55	21 54	0s 1	16 52	2 4	21 26	1 9	22 25	0 45	13 53	2 34	10 4	0 40	19 10	1 34	14 29	9 40	3 47	3 34	10 52	6 43	1 57
S 23	23 11	17 58	5 1	21 38	0 17	17 9	2 3	21 18	1 9	22 25	0 45	13 53	2 34	10 5	0 40	19 10	1 34	14 28	9 40	3 51	3 35	10 51	6 43	1 57
S 24	23 9	18 17	4 52	21 22	0 33	17 26	2 3	21 10	1 9	22 25	0 45	13 52	2 33	10 5	0 40	19 11	1 34	14 28	9 40	3 56	3 36	10 50	6 43	1 56
M25	23 7	17 44	4 29	21 6	0 50	17 42	2 2	21 1	1 9	22 25	0 45	13 52	2 33	10 6	0 40	19 11	1 34	14 27	9 40	4 1	3 37	10 48	6 43	1 55
T 26	23 5	16 22	3 54	20 51	1 8	17 57	2 1	20 53	1 9	22 25	0 45	13 52	2 33	10 7	0 40	19 11	1 34	14 27	9 40	4 5	3 39	10 47	6 43	1 55
W27	23 2	14 17	3 9	20 35	1 25	18 13	2 0	20 45	1 9	22 25	0 45	13 51	2 33	10 7	0 40	19 12	1 34	14 26	9 39	4 8	3 40	10 45	6 44	1 54
T 28	22 59	11 38	2 16	20 21	1 43	18 27	2 0	20 36	1 9	22 25	0 44	13 51	2 32	10 8	0 40	19 12	1 34	14 26	9 39	4 10	3 41	10 44	6 44	1 54
F 29	22 55	8 31	1 17	20 6	2 0	18 42	1 59	20 27	1 9	22 25	0 44	13 51	2 32	10 8	0 40	19 12	1 34	14 25	9 39	4 12	3 42	10 42	6 44	1 53
S 30	22n51	5s 4	0n15	19n52	2s18	18n56	1s57	20n18	1n 9	22s25	0n44	13s50	2n32	10n 9	0s40	19n13	1s34	14n25	9n39	4n12	3n44	10s41	6s45	1s52

Julian Day Number = 3069321.5, Delta T = 02h35m40s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'15, Lahiri = 47°34'15

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

JULY 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 39 59	10♋57'11	28♓21	16°R32	5♊45	4♌14	25°R24	15°R14	28♈19	4♊ 2	15♍53	19♍18	20♍28	26♒16	12♎52	S 1
M 2	18 43 55	11°54'43	10♈23	16♋ 1	6°55	4°54	25♐17	15♏13	28°20	4° 3	15°54	19°R18	20°24	26°22	12°54	M 2
T 3	18 47 52	12°52'16	22°39	15°29	8° 6	5°33	25°10	15°11	28°22	4° 5	15°55	19°18	20°21	26°29	12°57	T 3
W 4	18 51 49	13°49'47	5♉16	14°56	9°17	6°12	25° 3	15°10	28°23	4° 7	15°56	19°16	20°18	26°36	13° 0	W 4
T 5	18 55 45	14°47'18	18°17	14°22	10°28	6°51	24°56	15° 9	28°24	4° 9	15°57	19°11	20°15	26°42	13° 3	T 5
F 6	18 59 42	15°44'48	1♊45	13°49	11°39	7°31	24°49	15° 8	28°26	4°11	15°58	19° 5	20°12	26°49	13° 6	F 6
S 7	19 3 38	16°42'18	15°41	13°16	12°50	8°10	24°42	15° 6	28°27	4°13	15°59	18°57	20° 9	26°56	13° 9	S 7
S 8	19 7 35	17°39'47	0♋ 2	12°45	14° 2	8°49	24°36	15° 6	28°28	4°14	16° 0	18°47	20° 5	27° 2	13°12	S 8
M 9	19 11 31	18°37'16	14°44	12°16	15°13	9°28	24°29	15° 5	28°29	4°16	16° 1	18°38	20° 2	27° 9	13°15	M 9
T 10	19 15 28	19°34'44	29°39	11°49	16°24	10° 7	24°23	15° 4	28°31	4°18	16° 2	18°30	19°59	27°16	13°19	T 10
W11	19 19 25	20°32'11	14♌37	11°25	17°35	10°46	24°17	15° 3	28°32	4°20	16° 4	18°24	19°56	27°22	13°22	W11
T 12	19 23 21	21°29'37	29°31	11° 4	18°46	11°25	24°11	15° 3	28°33	4°21	16° 5	18°20	19°53	27°29	13°26	T 12
F 13	19 27 18	22°27'02	14♍13	10°46	19°58	12° 4	24° 5	15° 2	28°34	4°23	16° 6	18°D19	19°49	27°36	13°30	F 13
S 14	19 31 14	23°24'26	28°38	10°33	21° 9	12°43	23°59	15° 2	28°35	4°24	16° 7	18°19	19°46	27°42	13°34	S 14
S 15	19 35 11	24°21'49	12♎44	10°23	22°21	13°22	23°53	15° 2	28°36	4°26	16° 9	18°20	19°43	27°49	13°38	S 15
M16	19 39 7	25°19'12	26°30	10°18	23°32	14° 1	23°47	15° 2	28°36	4°28	16°10	18°R21	19°40	27°56	13°42	M16
T 17	19 43 4	26°16'33	9♏57	10°D17	24°43	14°40	23°42	15°D 1	28°37	4°29	16°11	18°20	19°37	28° 2	13°46	T 17
W18	19 47 0	27°13'54	23° 7	10°21	25°55	15°19	23°36	15° 2	28°38	4°31	16°13	18°17	19°34	28° 9	13°50	W18
T 19	19 50 57	28°11'14	6♐ 2	10°30	27° 6	15°58	23°31	15° 2	28°39	4°32	16°14	18°12	19°30	28°15	13°54	T 19
F 20	19 54 54	29° 8'34	18°43	10°43	28°18	16°37	23°26	15° 2	28°39	4°34	16°15	18° 5	19°27	28°22	13°59	F 20
S 21	19 58 50	0♑ 5'53	1♑12	11° 1	29°30	17°16	23°21	15° 2	28°40	4°35	16°17	17°57	19°24	28°29	14° 3	S 21
S 22	20 2 47	1° 3'11	13°30	11°24	0♋41	17°55	23°16	15° 3	28°40	4°37	16°18	17°48	19°21	28°35	14° 8	S 22
M23	20 6 43	2° 0'29	25°39	11°52	1°53	18°34	23°12	15° 3	28°41	4°38	16°19	17°40	19°18	28°42	14°13	M23
T 24	20 10 40	2°57'47	7♒40	12°24	3° 5	19°13	23° 7	15° 4	28°41	4°40	16°21	17°33	19°15	28°49	14°18	T 24
W25	20 14 36	3°55'04	19°34	13° 1	4°16	19°51	23° 3	15° 5	28°42	4°41	16°22	17°28	19°11	28°55	14°22	W25
T 26	20 18 33	4°52'21	1♓23	13°42	5°28	20°30	22°59	15° 6	28°42	4°42	16°24	17°24	19° 8	29° 2	14°27	T 26
F 27	20 22 29	5°49'38	13°10	14°28	6°40	21° 9	22°55	15° 7	28°43	4°44	16°25	17°D23	19° 5	29° 9	14°33	F 27
S 28	20 26 26	6°46'55	24°59	15°18	7°52	21°48	22°51	15° 8	28°43	4°45	16°27	17°23	19° 2	29°15	14°38	S 28
S 29	20 30 23	7°44'12	6♈52	16°13	9° 4	22°26	22°47	15° 9	28°43	4°46	16°28	17°24	18°59	29°22	14°43	S 29
M30	20 34 19	8°41'29	18°54	17°12	10°16	23° 5	22°44	15°10	28°43	4°47	16°30	17°26	18°55	29°29	14°48	M30
T 31	20 38 16	9♌38'46	1♉11	18♋16	11♋28	23♌44	22♐41	15♏11	28♈43	4♊49	16♍32	17♍27	18♍52	29♒35	14♎54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	1s23	0s48	19n39	2s35	19n 9	1s56	20n 9	1n 9	22s24	0n44	13s50	2n32	10n 9	0s40	19n13	1s34	14n24	9n39	4n12	3n45	10s39	6s45	1s52
M 2	22 41	2n23	1 50	19 26	2 51	19 22	1 55	19 59	1 9	22 24	0 44	13 50	2 31	10 10	0 40	19 13	1 34	14 24	9 39	4 12	3 46	10 38	6 46	1 51
T 3	22 36	6 8	2 48	19 14	3 7	19 35	1 54	19 50	1 10	22 24	0 44	13 50	2 31	10 10	0 40	19 14	1 34	14 23	9 38	4 12	3 47	10 36	6 46	1 51
W 4	22 31	9 42	3 40	19 3	3 22	19 47	1 52	19 40	1 10	22 24	0 44	13 50	2 31	10 11	0 40	19 14	1 34	14 23	9 38	4 13	3 49	10 35	6 47	1 50
T 5	22 24	12 55	4 22	18 53	3 35	19 59	1 51	19 31	1 10	22 24	0 43	13 49	2 31	10 11	0 40	19 14	1 34	14 22	9 38	4 14	3 50	10 34	6 47	1 50
F 6	22 18	15 34	4 51	18 44	3 48	20 10	1 50	19 21	1 10	22 24	0 43	13 49	2 30	10 12	0 40	19 15	1 34	14 22	9 38	4 17	3 51	10 32	6 48	1 49
S 7	22 11	17 25	5 4	18 35	4 0	20 21	1 48	19 11	1 10	22 24	0 43	13 49	2 30	10 12	0 40	19 15	1 34	14 21	9 38	4 20	3 52	10 31	6 49	1 48
S 8	22 4	18 14	4 59	18 28	4 10	20 31	1 46	19 1	1 10	22 24	0 43	13 49	2 30	10 13	0 40	19 15	1 34	14 20	9 38	4 24	3 53	10 29	6 49	1 48
M 9	21 56	17 53	4 34	18 22	4 19	20 40	1 45	18 50	1 10	22 24	0 43	13 49	2 30	10 13	0 40	19 15	1 34	14 20	9 37	4 27	3 55	10 28	6 50	1 47
T 10	21 48	16 17	3 50	18 17	4 26	20 50	1 43	18 40	1 10	22 24	0 43	13 49	2 29	10 13	0 40	19 16	1 34	14 19	9 37	4 30	3 56	10 26	6 51	1 47
W11	21 40	13 35	2 50	18 13	4 32	20 58	1 41	18 29	1 10	22 23	0 42	13 49	2 29	10 14	0 40	19 16	1 34	14 19	9 37	4 33	3 57	10 25	6 52	1 46
T 12	21 31	9 59	1 39	18 10	4 37	21 6	1 39	18 19	1 10	22 23	0 42	13 50	2 29	10 14	0 40	19 16	1 34	14 18	9 37	4 34	3 58	10 23	6 53	1 46
F 13	21 22	5 49	0 22	18 8	4 40	21 14	1 37	18 8	1 10	22 23	0 42	13 50	2 29	10 14	0 40	19 17	1 34	14 17	9 37	4 35	4 0	10 22	6 54	1 45
S 14	21 13	1 23	0n55	18 7	4 42	21 21	1 35	17 57	1 10	22 23	0 42	13 50	2 28	10 15	0 40	19 17	1 34	14 17	9 37	4 35	4 1	10 20	6 55	1 44
S 15	21 3	3s 2	2 7	18 8	4 42	21 27	1 33	17 46	1 10	22 23	0 42	13 50	2 28	10 15	0 40	19 17	1 34	14 16	9 36	4 34	4 2	10 19	6 56	1 44
M16	20 53	7 10	3 11	18 9	4 41	21 33	1 31	17 35	1 10	22 23	0 42	13 50	2 28	10 15	0 40	19 17	1 35	14 16	9 36	4 34	4 3	10 17	6 57	1 43
T 17	20 42	10 50	4 2	18 11	4 39	21 38	1 29	17 24	1 10	22 23	0 41	13 50	2 28	10 15	0 40	19 18	1 35	14 15	9 36	4 35	4 5	10 16	6 58	1 43
W18	20 31	13 53	4 39	18 14	4 36	21 43	1 27	17 12	1 10	22 23	0 41	13 51	2 27	10 16	0 40	19 18	1 35	14 14	9 36	4 36	4 6	10 14	6 59	1 42
T 19	20 20	16 11	5 1	18 18	4 31	21 47	1 25	17 1	1 10	22 23	0 41	13 51	2 27	10 16	0 40	19 18	1 35	14 14	9 36	4 38	4 7	10 13	7 0	1 42
F 20	20 9	17 38	5 7	18 23	4 26	21 50	1 22	16 49	1 10	22 23	0 41	13 51	2 27	10 16	0 40	19 18	1 35	14 13	9 36	4 40	4 8	10 11	7 1	1 41
S 21	19 57	18 14	4 59	18 28	4 19	21 53	1 20	16 38	1 10	22 23	0 41	13 52	2 26	10 16	0 40	19 18	1 35	14 12	9 36	4 43	4 10	10 10	7 3	1 41
S 22	19 44	17 56	4 37	18 34	4 11	21 55	1 18	16 26	1 10	22 23	0 40	13 52	2 26	10 16	0 40	19 19	1 35	14 12	9 36	4 47	4 11	10 8	7 4	1 40
M23	19 32	16 50	4 3	18 40	4 3	21 57	1 15	16 14	1 10	22 23	0 40	13 52	2 26	10 17	0 40	19 19	1 35	14 11	9 35	4 50	4 12	10 7	7 5	1 40
T 24	19 19	14 59	3 18	18 46	3 54	21 58	1 13	16 2	1 10	22 23	0 40	13 53	2 26	10 17	0 40	19 19	1 35	14 10	9 35	4 53	4 13	10 5	7 7	1 39
W25	19 6	12 31	2 25	18 52	3 44	21 59	1 10	15 50	1 10	22 23	0 40	13 53	2 25	10 17	0 40	19 19	1 35	14 10	9 35	4 55	4 14	10 4	7 8	1 39
T 26	18 52	9 33	1 26	18 59	3 34	21 59	1 8	15 38	1 10	22 23	0 40	13 54	2 25	10 17	0 40	19 20	1 35	14 9	9 35	4 56	4 16	10 2	7 9	1 38
F 27	18 39	6 12	0 23	19 5	3 23	21 58	1 5	15 25	1 10	22 22	0 39	13 54	2 25	10 17	0 41	19 20	1 35	14 8	9 35	4 56	4 17	10 1	7 11	1 38
S 28	18 24	2 37	0s41	19 11	3 11	21 57	1 3	15 13	1 10	22 22	0 39	13 55	2 25	10 17	0 41	19 20	1 35	14 8	9 35	4 56	4 18	9 59	7 12	1 37
S 29	18 10	1n 6	1 44	19 17	2 59	21 55	1 0	15 0	1 10	22 22	0 39	13 56	2 24	10 17	0 41	19 20	1 35	14 7	9 35	4 56	4 19	9 58	7 14	1 37
M30	17 55	4 49	2 43	19 22	2 47	21 52	0 57	14 48	1 10	22 22	0 39	13 56	2 24	10 17	0 41	19 20	1 35	14 6	9 35	4 55	4 21	9 56	7 16	1 36
T 31	17n40	8n23	3s36	19n27	2s34	21n49	0s55	14n35	1n10	22s23	0n39	13s57	2n24	10n17	0s41	19n20	1s35	14n 5	9n35	4n55	4n22	9s55	7s17	1s36

Julian Day Number = 3069351.5, Delta T = 02h35m40s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'19, Lahiri = 47°34'19

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

AUGUST 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 42 12	10♌36'03	13♉45	19♋23	12♋40	24♌22	22°R37	15♏13	28♈43	4♊50	16♍33	17°R28	18♍49	29♒42	14♎59	W 1
T 2	20 46 9	11°33'21	26°43	20°35	13°52	25° 1	22♐34	15°14	28°R43	4°51	16°35	17♍26	18°46	29°49	15° 5	T 2
F 3	20 50 5	12°30'38	10♊ 8	21°51	15° 4	25°40	22°32	15°16	28°43	4°52	16°36	17°24	18°43	29°55	15°10	F 3
S 4	20 54 2	13°27'56	24° 1	23°11	16°16	26°18	22°29	15°18	28°43	4°53	16°38	17°20	18°40	0♓ 2	15°16	S 4
S 5	20 57 58	14°25'15	8♋21	24°36	17°28	26°57	22°26	15°20	28°43	4°54	16°40	17°16	18°36	0° 9	15°22	S 5
M 6	21 1 55	15°22'34	23° 5	26° 4	18°41	27°36	22°24	15°21	28°43	4°55	16°41	17°11	18°33	0°15	15°28	M 6
T 7	21 5 52	16°19'52	8♌ 6	27°36	19°53	28°14	22°22	15°24	28°43	4°56	16°43	17° 7	18°30	0°22	15°34	T 7
W 8	21 9 48	17°17'12	23°16	29°11	21° 5	28°53	22°20	15°26	28°43	4°57	16°45	17° 4	18°27	0°29	15°40	W 8
T 9	21 13 45	18°14'31	8♍25	0♌51	22°18	29°31	22°18	15°28	28°42	4°58	16°46	17° 3	18°24	0°35	15°46	T 9
F 10	21 17 41	19°11'50	23°24	2°34	23°30	0♍10	22°17	15°30	28°42	4°59	16°48	17°D 3	18°21	0°42	15°52	F 10
S 11	21 21 38	20° 9'09	8♎ 5	4°20	24°42	0°48	22°15	15°33	28°42	5° 0	16°50	17° 3	18°17	0°49	15°59	S 11
S 12	21 25 34	21° 6'28	22°24	6° 9	25°55	1°27	22°14	15°35	28°41	5° 1	16°52	17° 5	18°14	0°55	16° 5	S 12
M13	21 29 31	22° 3'47	6♏19	8° 2	27° 7	2° 5	22°13	15°38	28°41	5° 2	16°53	17° 6	18°11	1° 2	16°12	M13
T 14	21 33 27	23° 1'07	19°49	9°57	28°20	2°44	22°12	15°40	28°40	5° 2	16°55	17°R 7	18° 8	1° 8	16°18	T 14
W15	21 37 24	23°58'26	2♐57	11°55	29°32	3°22	22°12	15°43	28°39	5° 3	16°57	17° 7	18° 5	1°15	16°25	W15
T 16	21 41 21	24°55'45	15°45	13°55	0♌45	4° 1	22°11	15°46	28°39	5° 4	16°59	17° 5	18° 1	1°22	16°31	T 16
F 17	21 45 17	25°53'05	28°17	15°57	1°57	4°39	22°11	15°49	28°38	5° 4	17° 0	17° 3	17°58	1°28	16°38	F 17
S 18	21 49 14	26°50'25	10♑34	18° 1	3°10	5°18	22°D11	15°52	28°37	5° 5	17° 2	17° 0	17°55	1°35	16°45	S 18
S 19	21 53 10	27°47'45	22°41	20° 6	4°23	5°56	22°11	15°55	28°37	5° 6	17° 4	16°57	17°52	1°42	16°52	S 19
M20	21 57 7	28°45'05	4♒40	22°12	5°36	6°34	22°11	15°58	28°36	5° 6	17° 6	16°54	17°49	1°48	16°59	M20
T 21	22 1 3	29°42'26	16°33	24°18	6°48	7°13	22°11	16° 2	28°35	5° 7	17° 8	16°52	17°46	1°55	17° 6	T 21
W22	22 5 0	0♍39'47	28°22	26°25	8° 1	7°51	22°12	16° 5	28°34	5° 7	17° 9	16°50	17°42	2° 2	17°13	W22
T 23	22 8 56	1°37'09	10♓10	28°32	9°14	8°30	22°13	16° 9	28°33	5° 8	17°11	16°50	17°39	2° 8	17°20	T 23
F 24	22 12 53	2°34'32	21°59	0♍39	10°27	9° 8	22°14	16°12	28°32	5° 8	17°13	16°D50	17°36	2°15	17°27	F 24
S 25	22 16 50	3°31'55	3♈51	2°45	11°40	9°46	22°15	16°16	28°31	5° 9	17°15	16°50	17°33	2°22	17°34	S 25
S 26	22 20 46	4°29'19	15°49	4°51	12°53	10°25	22°16	16°20	28°30	5° 9	17°17	16°51	17°30	2°28	17°41	S 26
M27	22 24 43	5°26'44	27°57	6°56	14° 6	11° 3	22°18	16°23	28°29	5°10	17°19	16°52	17°26	2°35	17°49	M27
T 28	22 28 39	6°24'10	10♉17	9° 0	15°19	11°41	22°19	16°27	28°28	5°10	17°21	16°53	17°23	2°42	17°56	T 28
W29	22 32 36	7°21'37	22°54	11° 2	16°32	12°19	22°21	16°31	28°26	5°10	17°22	16°54	17°20	2°48	18° 3	W29
T 30	22 36 32	8°19'05	5♊50	13° 4	17°45	12°58	22°23	16°35	28°25	5°10	17°24	16°R54	17°17	2°55	18°11	T 30
F 31	22 40 29	9♍16'34	19♊ 9	15♍ 4	18♌58	13♍36	22♐25	16♏40	28♈24	5♊11	17♍26	16♍54	17♍14	3♓ 1	18♎18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n25	11n41	4s20	19n30	2s21	21n45	0s52	14n22	1n 9	22s23	0n38	13s57	2n24	10n17	0s41	19n21	1s35	14n 5	9n34	4n55	4n23	9s53	7s19	1s35
T 2	17 10	14 30	4 52	19 33	2 8	21 41	0 50	14 9	1 9	22 23	0 38	13 58	2 23	10 17	0 41	19 21	1 35	14 4	9 34	4 55	4 24	9 52	7 21	1 35
F 3	16 54	16 39	5 10	19 35	1 54	21 36	0 47	13 56	1 9	22 23	0 38	13 59	2 23	10 17	0 41	19 21	1 35	14 3	9 34	4 56	4 26	9 50	7 22	1 34
S 4	16 38	17 55	5 10	19 35	1 41	21 31	0 44	13 43	1 9	22 23	0 38	14 0	2 23	10 17	0 41	19 21	1 35	14 3	9 34	4 58	4 27	9 49	7 24	1 34
S 5	16 21	18 6	4 52	19 34	1 27	21 24	0 41	13 30	1 9	22 23	0 38	14 0	2 22	10 17	0 41	19 21	1 35	14 2	9 34	4 59	4 28	9 47	7 26	1 33
M 6	16 5	17 6	4 14	19 32	1 14	21 18	0 39	13 17	1 9	22 23	0 37	14 1	2 22	10 17	0 41	19 21	1 35	14 1	9 34	5 1	4 29	9 46	7 28	1 33
T 7	15 48	14 53	3 17	19 28	1 0	21 10	0 36	13 4	1 9	22 23	0 37	14 2	2 22	10 17	0 41	19 21	1 36	14 0	9 34	5 3	4 30	9 44	7 29	1 32
W 8	15 31	11 38	2 7	19 22	0 47	21 2	0 33	12 50	1 9	22 23	0 37	14 3	2 22	10 17	0 41	19 22	1 36	14 0	9 34	5 4	4 32	9 43	7 31	1 32
T 9	15 13	7 36	0 47	19 14	0 34	20 54	0 30	12 37	1 9	22 23	0 37	14 4	2 21	10 17	0 41	19 22	1 36	13 59	9 34	5 4	4 33	9 41	7 33	1 31
F 10	14 56	3 8	0n35	19 4	0 21	20 45	0 28	12 23	1 9	22 23	0 37	14 5	2 21	10 17	0 41	19 22	1 36	13 58	9 34	5 4	4 34	9 40	7 35	1 31
S 11	14 38	1s26	1 53	18 52	0 8	20 35	0 25	12 10	1 9	22 23	0 36	14 6	2 21	10 16	0 41	19 22	1 36	13 58	9 34	5 4	4 35	9 38	7 37	1 30
S 12	14 20	5 49	3 2	18 37	0n 4	20 25	0 22	11 56	1 9	22 23	0 36	14 7	2 21	10 16	0 41	19 22	1 36	13 57	9 34	5 3	4 37	9 37	7 39	1 30
M13	14 2	9 44	3 59	18 20	0 15	20 14	0 19	11 42	1 9	22 24	0 36	14 8	2 20	10 16	0 41	19 22	1 36	13 56	9 34	5 3	4 38	9 35	7 41	1 29
T 14	13 43	13 1	4 40	18 1	0 26	20 2	0 17	11 29	1 9	22 24	0 36	14 9	2 20	10 16	0 41	19 22	1 36	13 55	9 34	5 3	4 39	9 34	7 43	1 29
W15	13 24	15 33	5 6	17 39	0 37	19 50	0 14	11 15	1 9	22 24	0 36	14 10	2 20	10 16	0 41	19 22	1 36	13 55	9 34	5 3	4 40	9 32	7 45	1 28
T 16	13 6	17 15	5 15	17 15	0 47	19 38	0 11	11 1	1 8	22 24	0 35	14 11	2 20	10 15	0 41	19 22	1 36	13 54	9 34	5 3	4 42	9 30	7 47	1 28
F 17	12 47	18 3	5 9	16 48	0 56	19 24	0 8	10 47	1 8	22 24	0 35	14 12	2 19	10 15	0 41	19 22	1 36	13 53	9 34	5 4	4 43	9 29	7 50	1 27
S 18	12 27	18 0	4 49	16 19	1 5	19 11	0 6	10 33	1 8	22 24	0 35	14 13	2 19	10 15	0 41	19 22	1 36	13 53	9 33	5 5	4 44	9 27	7 52	1 27
S 19	12 8	17 7	4 16	15 48	1 12	18 57	0 3	10 19	1 8	22 25	0 35	14 14	2 19	10 14	0 41	19 23	1 36	13 52	9 33	5 6	4 45	9 26	7 54	1 26
M20	11 48	15 29	3 33	15 14	1 19	18 42	0 0	10 4	1 8	22 25	0 35	14 15	2 19	10 14	0 41	19 23	1 36	13 51	9 33	5 7	4 46	9 24	7 56	1 26
T 21	11 28	13 11	2 40	14 38	1 25	18 27	0n 3	9 50	1 8	22 25	0 34	14 16	2 18	10 14	0 41	19 23	1 36	13 50	9 33	5 8	4 48	9 23	7 58	1 26
W22	11 8	10 22	1 40	14 1	1 30	18 11	0 5	9 36	1 8	22 25	0 34	14 18	2 18	10 13	0 41	19 23	1 36	13 50	9 33	5 9	4 49	9 21	8 1	1 25
T 23	10 48	7 7	0 37	13 21	1 35	17 55	0 8	9 22	1 8	22 26	0 34	14 19	2 18	10 13	0 41	19 23	1 36	13 49	9 33	5 9	4 50	9 20	8 3	1 25
F 24	10 28	3 35	0s29	12 41	1 38	17 38	0 11	9 7	1 8	22 26	0 34	14 20	2 18	10 13	0 41	19 23	1 36	13 48	9 33	5 9	4 51	9 18	8 5	1 24
S 25	10 7	0n 5	1 33	11 58	1 41	17 21	0 13	8 53	1 8	22 26	0 34	14 21	2 17	10 12	0 41	19 23	1 36	13 47	9 33	5 9	4 53	9 17	8 8	1 24
S 26	9 47	3 48	2 34	11 15	1 43	17 3	0 16	8 38	1 7	22 26	0 34	14 22	2 17	10 12	0 41	19 23	1 37	13 47	9 33	5 9	4 54	9 15	8 10	1 23
M27	9 26	7 23	3 29	10 30	1 44	16 45	0 18	8 24	1 7	22 27	0 33	14 24	2 17	10 11	0 41	19 23	1 37	13 46	9 33	5 8	4 55	9 13	8 12	1 23
T 28	9 5	10 43	4 15	9 45	1 45	16 26	0 21	8 9	1 7	22 27	0 33	14 25	2 17	10 11	0 41	19 23	1 37	13 45	9 33	5 8	4 56	9 12	8 15	1 22
W29	8 44	13 38	4 50	8 58	1 44	16 7	0 23	7 55	1 7	22 27	0 33	14 26	2 17	10 11	0 41	19 23	1 37	13 45	9 33	5 8	4 58	9 10	8 17	1 22
T 30	8 23	15 58	5 12	8 12	1 44	15 47	0 26	7 40	1 7	22 28	0 33	14 28	2 16	10 10	0 41	19 23	1 37	13 44	9 34	5 8	4 59	9 9	8 20	1 22
F 31	8n 1	17n30	5s17	7n24	1n42	15n27	0n28	7n25	1n 7	22s28	0n33	14s29	2n16	10n10	0s41	19n23	1s37	13n43	9n34	5n 8	5n 0	9s 7	8s22	1s21

Julian Day Number = 3069382.5, Delta T = 02h35m41s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'23, Lahiri = 47°34'24

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

SEPTEMBER 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 44 25	10♍14'04	2♋54	17♍ 2	20♌11	14♍14	22♐28	16♏44	28°R23	5♊11	17♍28	16°R54	17♍11	3♓ 8	18♎26	S 1
S 2	22 48 22	11°11'36	17° 3	18°59	21°24	14°53	22°30	16°48	28♈21	5°11	17°30	16♍53	17° 7	3°15	18°34	S 2
M 3	22 52 18	12° 9'08	1♌37	20°55	22°38	15°31	22°33	16°52	28°20	5°11	17°32	16°53	17° 4	3°21	18°41	M 3
T 4	22 56 15	13° 6'42	16°30	22°49	23°51	16° 9	22°36	16°57	28°18	5°11	17°34	16°52	17° 1	3°28	18°49	T 4
W 5	23 0 12	14° 4'17	1♍36	24°42	25° 4	16°47	22°39	17° 1	28°17	5°11	17°36	16°52	16°58	3°35	18°57	W 5
T 6	23 4 8	15° 1'53	16°46	26°33	26°18	17°26	22°42	17° 6	28°15	5°11	17°38	16°D52	16°55	3°41	19° 5	T 6
F 7	23 8 5	15°59'30	1♎51	28°23	27°31	18° 4	22°46	17°11	28°14	5°R11	17°40	16°52	16°52	3°48	19°13	F 7
S 8	23 12 1	16°57'07	16°42	0♎11	28°44	18°42	22°49	17°16	28°12	5°11	17°41	16°R52	16°48	3°55	19°21	S 8
S 9	23 15 58	17°54'46	1♏12	1°57	29°58	19°20	22°53	17°20	28°11	5°11	17°43	16°52	16°45	4° 1	19°29	S 9
M10	23 19 54	18°52'26	15°17	3°42	1♍11	19°59	22°57	17°25	28° 9	5°11	17°45	16°52	16°42	4° 8	19°37	M10
T 11	23 23 51	19°50'06	28°56	5°26	2°25	20°37	23° 1	17°30	28° 7	5°11	17°47	16°51	16°39	4°15	19°45	T 11
W12	23 27 47	20°47'48	12♐ 8	7° 8	3°38	21°15	23° 6	17°35	28° 5	5°11	17°49	16°51	16°36	4°21	19°53	W12
T 13	23 31 44	21°45'30	24°57	8°49	4°52	21°53	23°10	17°40	28° 4	5°11	17°51	16°D51	16°32	4°28	20° 1	T 13
F 14	23 35 41	22°43'13	7♑26	10°28	6° 6	22°32	23°15	17°45	28° 2	5°11	17°53	16°51	16°29	4°35	20° 9	F 14
S 15	23 39 37	23°40'57	19°39	12° 6	7°19	23°10	23°19	17°51	28° 0	5°10	17°55	16°52	16°26	4°41	20°17	S 15
S 16	23 43 34	24°38'42	1♒39	13°42	8°33	23°48	23°24	17°56	27°58	5°10	17°57	16°53	16°23	4°48	20°25	S 16
M17	23 47 30	25°36'29	13°32	15°17	9°47	24°26	23°29	18° 1	27°56	5°10	17°59	16°53	16°20	4°54	20°34	M17
T 18	23 51 27	26°34'16	25°21	16°51	11° 0	25° 4	23°35	18° 7	27°54	5° 9	18° 0	16°54	16°17	5° 1	20°42	T 18
W19	23 55 23	27°32'04	7♓ 9	18°23	12°14	25°42	23°40	18°12	27°52	5° 9	18° 2	16°55	16°13	5° 8	20°50	W19
T 20	23 59 20	28°29'54	18°59	19°54	13°28	26°21	23°45	18°18	27°50	5° 8	18° 4	16°R55	16°10	5°14	20°59	T 20
F 21	0 3 16	29°27'45	0♈53	21°23	14°42	26°59	23°51	18°23	27°48	5° 8	18° 6	16°55	16° 7	5°21	21° 7	F 21
S 22	0 7 13	0♎25'37	12°53	22°51	15°56	27°37	23°57	18°29	27°46	5° 8	18° 8	16°54	16° 4	5°28	21°16	S 22
S 23	0 11 9	1°23'31	25° 2	24°18	17° 9	28°15	24° 3	18°35	27°44	5° 7	18°10	16°52	16° 1	5°34	21°24	S 23
M24	0 15 6	2°21'27	7♉21	25°43	18°23	28°53	24° 9	18°41	27°42	5° 7	18°12	16°50	15°57	5°41	21°32	M24
T 25	0 19 3	3°19'24	19°52	27° 6	19°37	29°31	24°15	18°46	27°40	5° 6	18°14	16°47	15°54	5°48	21°41	T 25
W26	0 22 59	4°17'22	2♊38	28°28	20°51	0♎10	24°22	18°52	27°38	5° 5	18°15	16°45	15°51	5°54	21°49	W26
T 27	0 26 56	5°15'23	15°39	29°49	22° 5	0°48	24°28	18°58	27°36	5° 5	18°17	16°43	15°48	6° 1	21°58	T 27
F 28	0 30 52	6°13'25	28°57	1♏ 8	23°19	1°26	24°35	19° 4	27°34	5° 4	18°19	16°42	15°45	6° 8	22° 7	F 28
S 29	0 34 49	7°11'29	12♋35	2°25	24°34	2° 4	24°42	19°10	27°31	5° 3	18°21	16°D42	15°42	6°14	22°15	S 29
S 30	0 38 45	8♎ 9'35	26♋33	3♏41	25♍48	2♎42	24♐49	19♏16	27♈29	5♊ 3	18♍23	16♍43	15♍38	6♓21	22♎24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n40	18n 6	5s 5	6n36	1n40	15n 7	0n31	7n10	1n 7	22s28	0n32	14s31	2n16	10n 9	0s41	19n23	1s37	13n42	9n34	5n 8	5n 1	9s 6	8s25	1s21
S 2	7 18	17 36	4 35	5 48	1 37	14 46	0 33	6 56	1 7	22 28	0 32	14 32	2 16	10 9	0 41	19 23	1 37	13 42	9 34	5 8	5 2	9 4	8 27	1 20
M 3	6 56	15 56	3 46	5 0	1 34	14 24	0 35	6 41	1 6	22 29	0 32	14 33	2 15	10 8	0 42	19 23	1 37	13 41	9 34	5 8	5 4	9 2	8 30	1 20
T 4	6 35	13 11	2 41	4 12	1 30	14 3	0 38	6 26	1 6	22 29	0 32	14 35	2 15	10 8	0 42	19 23	1 37	13 40	9 34	5 8	5 5	9 1	8 32	1 20
W 5	6 13	9 30	1 24	3 24	1 26	13 41	0 40	6 11	1 6	22 30	0 32	14 36	2 15	10 7	0 42	19 23	1 37	13 40	9 34	5 8	5 6	8 59	8 35	1 19
T 6	5 51	5 10	0 1	2 36	1 21	13 18	0 42	5 56	1 6	22 30	0 31	14 38	2 15	10 7	0 42	19 23	1 37	13 39	9 34	5 8	5 7	8 58	8 37	1 19
F 7	5 29	0 32	1n22	1 48	1 16	12 55	0 44	5 41	1 6	22 30	0 31	14 39	2 15	10 6	0 42	19 23	1 37	13 38	9 34	5 8	5 9	8 56	8 40	1 18
S 8	5 6	4s 4	2 39	1 0	1 10	12 32	0 47	5 26	1 6	22 31	0 31	14 41	2 14	10 5	0 42	19 22	1 37	13 38	9 34	5 8	5 10	8 55	8 42	1 18
S 9	4 44	8 18	3 43	0 13	1 4	12 9	0 49	5 11	1 6	22 31	0 31	14 42	2 14	10 5	0 42	19 22	1 37	13 37	9 34	5 8	5 11	8 53	8 45	1 18
M10	4 22	11 57	4 31	0s34	0 58	11 45	0 51	4 56	1 5	22 31	0 31	14 44	2 14	10 4	0 42	19 22	1 37	13 36	9 34	5 9	5 12	8 51	8 48	1 17
T 11	3 59	14 49	5 3	1 21	0 52	11 21	0 53	4 41	1 5	22 32	0 30	14 45	2 14	10 4	0 42	19 22	1 37	13 36	9 34	5 9	5 13	8 50	8 50	1 17
W12	3 37	16 48	5 17	2 7	0 45	10 56	0 55	4 26	1 5	22 32	0 30	14 47	2 14	10 3	0 42	19 22	1 37	13 35	9 34	5 9	5 15	8 48	8 53	1 16
T 13	3 14	17 53	5 15	2 53	0 38	10 31	0 57	4 11	1 5	22 33	0 30	14 49	2 13	10 2	0 42	19 22	1 37	13 34	9 34	5 9	5 16	8 47	8 56	1 16
F 14	2 52	18 4	4 58	3 38	0 30	10 6	0 59	3 56	1 5	22 33	0 30	14 50	2 13	10 2	0 42	19 22	1 38	13 34	9 34	5 9	5 17	8 45	8 58	1 16
S 15	2 29	17 23	4 27	4 23	0 23	9 41	1 0	3 41	1 5	22 33	0 30	14 52	2 13	10 1	0 42	19 22	1 38	13 33	9 34	5 8	5 18	8 44	9 1	1 15
S 16	2 7	15 56	3 46	5 8	0 15	9 15	1 2	3 26	1 4	22 34	0 30	14 53	2 13	10 0	0 42	19 22	1 38	13 32	9 35	5 8	5 20	8 42	9 4	1 15
M17	1 44	13 48	2 55	5 51	0 7	8 49	1 4	3 10	1 4	22 34	0 29	14 55	2 13	10 0	0 42	19 22	1 38	13 32	9 35	5 8	5 21	8 40	9 7	1 14
T 18	1 21	11 7	1 57	6 34	0s 1	8 23	1 5	2 55	1 4	22 35	0 29	14 57	2 12	9 59	0 42	19 22	1 38	13 31	9 35	5 7	5 22	8 39	9 9	1 14
W19	0 58	7 58	0 54	7 17	0 9	7 57	1 7	2 40	1 4	22 35	0 29	14 58	2 12	9 58	0 42	19 21	1 38	13 30	9 35	5 7	5 23	8 37	9 12	1 14
T 20	0 36	4 30	0s11	7 59	0 17	7 30	1 9	2 25	1 4	22 36	0 29	15 0	2 12	9 57	0 42	19 21	1 38	13 30	9 35	5 7	5 24	8 36	9 15	1 13
F 21	0 13	0 50	1 17	8 40	0 25	7 3	1 10	2 10	1 3	22 36	0 29	15 2	2 12	9 57	0 42	19 21	1 38	13 29	9 35	5 7	5 26	8 34	9 18	1 13
S 22	0s10	2n54	2 19	9 20	0 34	6 36	1 11	1 55	1 3	22 37	0 28	15 4	2 12	9 56	0 42	19 21	1 38	13 28	9 35	5 8	5 27	8 32	9 20	1 13
S 23	0 33	6 34	3 16	10 0	0 42	6 9	1 13	1 39	1 3	22 37	0 28	15 5	2 11	9 55	0 42	19 21	1 38	13 28	9 35	5 8	5 28	8 31	9 23	1 12
M24	0 56	9 59	4 4	10 39	0 51	5 41	1 14	1 24	1 3	22 37	0 28	15 7	2 11	9 55	0 42	19 21	1 38	13 27	9 36	5 9	5 29	8 29	9 26	1 12
T 25	1 19	13 1	4 42	11 17	1 0	5 14	1 15	1 9	1 3	22 38	0 28	15 9	2 11	9 54	0 42	19 21	1 38	13 27	9 36	5 10	5 31	8 28	9 29	1 11
W26	1 41	15 29	5 6	11 54	1 8	4 46	1 17	0 54	1 2	22 38	0 28	15 10	2 11	9 53	0 42	19 20	1 38	13 26	9 36	5 11	5 32	8 26	9 32	1 11
T 27	2 4	17 13	5 16	12 30	1 17	4 18	1 18	0 38	1 2	22 39	0 28	15 12	2 11	9 52	0 42	19 20	1 38	13 25	9 36	5 12	5 33	8 24	9 35	1 11
F 28	2 27	18 4	5 9	13 6	1 26	3 50	1 19	0 23	1 2	22 39	0 27	15 14	2 11	9 51	0 42	19 20	1 38	13 25	9 36	5 12	5 34	8 23	9 37	1 10
S 29	2 50	17 55	4 44	13 41	1 34	3 22	1 20	0 8	1 2	22 40	0 27	15 16	2 11	9 51	0 42	19 20	1 38	13 24	9 36	5 12	5 35	8 21	9 40	1 10
S 30	3s12	16n40	4s 3	14s15	1s43	2n54	1n21	0s 7	1n 2	22s40	0n27	15s17	2n10	9n50	0s42	19n20	1s38	13n24	9n36	5n12	5n37	8s20	9s43	1s10

Julian Day Number = 3069413.5, Delta T = 02h35m42s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'27, Lahiri = 47°34'28

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

OCTOBER 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 42 42	9♎ 7'43	10♌51	4♏55	27♍ 2	3♎20	24♐56	19♏23	27°R27	5°R 2	18♍25	16♍44	15♍35	6♓28	22♎32	M 1
T 2	0 46 38	10° 5'53	25°26	6° 7	28°16	3°58	25° 3	19°29	27♈25	5♊ 1	18°26	16°46	15°32	6°34	22°41	T 2
W 3	0 50 35	11° 4'05	10♍15	7°17	29°30	4°37	25°11	19°35	27°22	5° 0	18°28	16°R47	15°29	6°41	22°50	W 3
T 4	0 54 32	12° 2'18	25°11	8°25	0♎44	5°15	25°18	19°41	27°20	4°59	18°30	16°47	15°26	6°47	22°59	T 4
F 5	0 58 28	13° 0'33	10♎ 7	9°32	1°59	5°53	25°26	19°48	27°18	4°59	18°32	16°45	15°23	6°54	23° 7	F 5
S 6	1 2 25	13°58'50	24°54	10°36	3°13	6°31	25°34	19°54	27°15	4°58	18°33	16°43	15°19	7° 1	23°16	S 6
S 7	1 6 21	14°57'08	9♏26	11°37	4°27	7° 9	25°42	20° 1	27°13	4°57	18°35	16°39	15°16	7° 7	23°25	S 7
M 8	1 10 18	15°55'28	23°36	12°37	5°42	7°47	25°50	20° 7	27°11	4°56	18°37	16°35	15°13	7°14	23°33	M 8
T 9	1 14 14	16°53'49	7♐20	13°33	6°56	8°26	25°58	20°14	27° 8	4°55	18°39	16°30	15°10	7°21	23°42	T 9
W10	1 18 11	17°52'12	20°38	14°27	8°10	9° 4	26° 6	20°20	27° 6	4°54	18°40	16°27	15° 7	7°27	23°51	W10
T 11	1 22 7	18°50'37	3♑30	15°18	9°25	9°42	26°15	20°27	27° 4	4°53	18°42	16°24	15° 3	7°34	24° 0	T 11
F 12	1 26 4	19°49'03	16° 0	16° 6	10°39	10°20	26°23	20°33	27° 1	4°52	18°44	16°D23	15° 0	7°41	24° 9	F 12
S 13	1 30 1	20°47'30	28°13	16°50	11°54	10°58	26°32	20°40	26°59	4°51	18°45	16°23	14°57	7°47	24°17	S 13
S 14	1 33 57	21°45'59	10♒12	17°30	13° 8	11°36	26°41	20°47	26°56	4°49	18°47	16°24	14°54	7°54	24°26	S 14
M15	1 37 54	22°44'30	22° 3	18° 6	14°23	12°14	26°49	20°54	26°54	4°48	18°49	16°26	14°51	8° 1	24°35	M15
T 16	1 41 50	23°43'02	3♓50	18°38	15°37	12°53	26°58	21° 0	26°52	4°47	18°50	16°28	14°48	8° 7	24°44	T 16
W17	1 45 47	24°41'36	15°39	19° 5	16°52	13°31	27° 8	21° 7	26°49	4°46	18°52	16°R28	14°44	8°14	24°53	W17
T 18	1 49 43	25°40'11	27°33	19°28	18° 6	14° 9	27°17	21°14	26°47	4°45	18°54	16°28	14°41	8°20	25° 1	T 18
F 19	1 53 40	26°38'48	9♈34	19°44	19°21	14°47	27°26	21°21	26°44	4°44	18°55	16°25	14°38	8°27	25°10	F 19
S 20	1 57 36	27°37'27	21°46	19°55	20°35	15°25	27°36	21°28	26°42	4°42	18°57	16°21	14°35	8°34	25°19	S 20
S 21	2 1 33	28°36'08	4♉10	20°R 0	21°50	16° 3	27°45	21°35	26°40	4°41	18°58	16°15	14°32	8°40	25°28	S 21
M22	2 5 29	29°34'50	16°47	19°58	23° 4	16°42	27°55	21°42	26°37	4°40	19° 0	16° 7	14°29	8°47	25°36	M22
T 23	2 9 26	0♏33'35	29°37	19°49	24°19	17°20	28° 5	21°49	26°35	4°38	19° 1	15°59	14°25	8°54	25°45	T 23
W24	2 13 23	1°32'22	12♊39	19°33	25°34	17°58	28°14	21°56	26°32	4°37	19° 3	15°52	14°22	9° 0	25°54	W24
T 25	2 17 19	2°31'10	25°54	19°10	26°48	18°36	28°24	22° 3	26°30	4°36	19° 4	15°46	14°19	9° 7	26° 3	T 25
F 26	2 21 16	3°30'01	9♋22	18°39	28° 3	19°14	28°34	22°10	26°28	4°34	19° 6	15°41	14°16	9°14	26°12	F 26
S 27	2 25 12	4°28'55	23° 2	18° 0	29°18	19°52	28°45	22°17	26°25	4°33	19° 7	15°38	14°13	9°20	26°20	S 27
S 28	2 29 9	5°27'50	6♌54	17°14	0♏33	20°31	28°55	22°24	26°23	4°32	19° 9	15°D38	14° 9	9°27	26°29	S 28
M29	2 33 5	6°26'48	20°59	16°22	1°47	21° 9	29° 5	22°31	26°20	4°30	19°10	15°39	14° 6	9°34	26°38	M29
T 30	2 37 2	7°25'47	5♍15	15°23	3° 2	21°47	29°16	22°39	26°18	4°29	19°11	15°40	14° 3	9°40	26°47	T 30
W31	2 40 58	8♏24'49	19♍41	14♏19	4♏17	22♎25	29♐26	22♏46	26♈16	4♊27	19♍13	15°R40	14♍ 0	9♓47	26♎55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s35	14n22	3s 5	14s47	1s51	2n25	1n21	0s22	1n 1	22s40	0n27	15s19	2n10	9n49	0s42	19n20	1s38	13n23	9n37	5n11	5n38	8s18	9s46	1s 9
T 2	3 58	11 7	1 55	15 19	2 0	1 57	1 22	0 38	1 1	22 41	0 27	15 21	2 10	9 48	0 42	19 19	1 38	13 23	9 37	5 11	5 39	8 16	9 49	1 9
W 3	4 20	7 6	0 36	15 50	2 8	1 28	1 23	0 53	1 1	22 41	0 27	15 23	2 10	9 47	0 42	19 19	1 38	13 22	9 37	5 10	5 40	8 15	9 52	1 9
T 4	4 43	2 36	0n46	16 20	2 16	0 59	1 24	1 8	1 1	22 42	0 26	15 25	2 10	9 47	0 42	19 19	1 39	13 22	9 37	5 10	5 42	8 13	9 55	1 8
F 5	5 5	2s 3	2 5	16 49	2 25	0 31	1 24	1 23	1 1	22 42	0 26	15 26	2 10	9 46	0 42	19 19	1 39	13 21	9 37	5 11	5 43	8 11	9 57	1 8
S 6	5 28	6 32	3 14	17 17	2 32	0 2	1 25	1 38	1 0	22 43	0 26	15 28	2 9	9 45	0 42	19 19	1 39	13 21	9 37	5 12	5 44	8 10	10 0	1 8
S 7	5 50	10 33	4 10	17 43	2 40	0s27	1 25	1 53	1 0	22 43	0 26	15 30	2 9	9 44	0 42	19 18	1 39	13 20	9 38	5 13	5 45	8 8	10 3	1 7
M 8	6 13	13 50	4 49	18 9	2 48	0 56	1 26	2 9	1 0	22 43	0 26	15 32	2 9	9 43	0 42	19 18	1 39	13 19	9 38	5 15	5 46	8 7	10 6	1 7
T 9	6 35	16 15	5 9	18 33	2 55	1 24	1 26	2 24	1 0	22 44	0 26	15 34	2 9	9 42	0 42	19 18	1 39	13 19	9 38	5 17	5 48	8 5	10 9	1 7
W10	6 57	17 42	5 12	18 56	3 2	1 53	1 26	2 39	0 59	22 44	0 26	15 36	2 9	9 42	0 42	19 18	1 39	13 19	9 38	5 18	5 49	8 3	10 12	1 6
T 11	7 19	18 11	5 0	19 17	3 9	2 22	1 27	2 54	0 59	22 45	0 25	15 37	2 9	9 41	0 42	19 18	1 39	13 18	9 38	5 19	5 50	8 2	10 15	1 6
F 12	7 41	17 45	4 33	19 37	3 15	2 51	1 27	3 9	0 59	22 45	0 25	15 39	2 9	9 40	0 42	19 17	1 39	13 18	9 39	5 20	5 51	8 0	10 18	1 6
S 13	8 3	16 31	3 54	19 55	3 21	3 20	1 27	3 24	0 59	22 45	0 25	15 41	2 9	9 39	0 42	19 17	1 39	13 17	9 39	5 19	5 53	7 58	10 21	1 5
S 14	8 24	14 33	3 5	20 12	3 26	3 48	1 27	3 39	0 59	22 46	0 25	15 43	2 8	9 38	0 42	19 17	1 39	13 17	9 39	5 19	5 54	7 57	10 24	1 5
M15	8 46	11 59	2 10	20 27	3 31	4 17	1 27	3 54	0 58	22 46	0 25	15 45	2 8	9 37	0 42	19 17	1 39	13 16	9 39	5 18	5 55	7 55	10 26	1 5
T 16	9 7	8 57	1 8	20 40	3 36	4 46	1 27	4 9	0 58	22 46	0 25	15 47	2 8	9 37	0 42	19 16	1 39	13 16	9 40	5 18	5 56	7 54	10 29	1 4
W17	9 29	5 32	0 5	20 51	3 39	5 14	1 26	4 24	0 58	22 47	0 24	15 49	2 8	9 36	0 42	19 16	1 39	13 15	9 40	5 17	5 57	7 52	10 32	1 4
T 18	9 50	1 53	1s 0	21 0	3 42	5 42	1 26	4 39	0 58	22 47	0 24	15 50	2 8	9 35	0 42	19 16	1 39	13 15	9 40	5 18	5 59	7 50	10 35	1 4
F 19	10 11	1n53	2 2	21 7	3 45	6 11	1 26	4 54	0 57	22 47	0 24	15 52	2 8	9 34	0 42	19 16	1 39	13 15	9 40	5 19	6 0	7 49	10 38	1 3
S 20	10 32	5 37	3 0	21 11	3 46	6 39	1 25	5 8	0 57	22 48	0 24	15 54	2 8	9 33	0 42	19 15	1 39	13 14	9 40	5 20	6 1	7 47	10 41	1 3
S 21	10 53	9 11	3 50	21 13	3 46	7 7	1 25	5 23	0 57	22 48	0 24	15 56	2 8	9 32	0 42	19 15	1 39	13 14	9 41	5 23	6 2	7 45	10 44	1 3
M22	11 13	12 23	4 29	21 11	3 45	7 35	1 24	5 38	0 56	22 48	0 24	15 58	2 8	9 31	0 42	19 15	1 39	13 13	9 41	5 26	6 3	7 44	10 47	1 2
T 23	11 34	15 3	4 56	21 7	3 43	8 3	1 24	5 53	0 56	22 49	0 24	16 0	2 8	9 31	0 42	19 15	1 39	13 13	9 41	5 29	6 5	7 42	10 50	1 2
W24	11 54	17 1	5 8	20 59	3 40	8 30	1 23	6 7	0 56	22 49	0 23	16 2	2 7	9 30	0 42	19 14	1 39	13 13	9 41	5 31	6 6	7 40	10 52	1 2
T 25	12 14	18 6	5 4	20 48	3 35	8 57	1 22	6 22	0 56	22 49	0 23	16 4	2 7	9 29	0 42	19 14	1 39	13 12	9 42	5 34	6 7	7 39	10 55	1 1
F 26	12 34	18 12	4 43	20 33	3 28	9 25	1 22	6 36	0 55	22 49	0 23	16 5	2 7	9 28	0 42	19 14	1 39	13 12	9 42	5 36	6 8	7 37	10 58	1 1
S 27	12 54	17 14	4 5	20 14	3 20	9 52	1 21	6 51	0 55	22 50	0 23	16 7	2 7	9 27	0 42	19 14	1 39	13 12	9 42	5 37	6 10	7 35	11 1	1 1
S 28	13 13	15 15	3 13	19 52	3 10	10 18	1 20	7 6	0 55	22 50	0 23	16 9	2 7	9 26	0 42	19 13	1 39	13 11	9 42	5 37	6 11	7 34	11 4	1 0
M29	13 33	12 20	2 9	19 25	2 58	10 45	1 19	7 20	0 55	22 50	0 23	16 11	2 7	9 25	0 42	19 13	1 39	13 11	9 43	5 37	6 12	7 32	11 7	1 0
T 30	13 52	8 38	0 56	18 55	2 45	11 11	1 18	7 34	0 54	22 50	0 23	16 13	2 7	9 25	0 42	19 13	1 39	13 11	9 43	5 36	6 13	7 30	11 10	1 0
W31	14s11	4n23	0n22	18s22	2s29	11s37	1n17	7s49	0n54	22s51	0n23	16s15	2n 7	9n24	0s42	19n12	1s39	13n10	9n43	5n36	6n14	7s29	11s12	0s59

Julian Day Number = 3069443.5, Delta T = 02h35m43s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'32, Lahiri = 47°34'32

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3691
geocentric

NOVEMBER 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 44 55	9♏23'53	4♎14	13°R11	5♏32	23♎ 3	29♐37	22♏53	26°R13	4°R26	19♍14	15°R38	13♍57	9♓53	27♎ 4	T 1
F 2	2 48 52	10°23'00	18°48	12♏ 1	6°47	23°42	29°48	23° 0	26♈11	4♊24	19°15	15♍35	13°54	10° 0	27°13	F 2
S 3	2 52 48	11°22'08	3♏18	10°51	8° 1	24°20	29°58	23° 7	26° 9	4°23	19°17	15°28	13°50	10° 7	27°21	S 3
S 4	2 56 45	12°21'19	17°37	9°42	9°16	24°58	0♑ 9	23°15	26° 7	4°21	19°18	15°20	13°47	10°13	27°30	S 4
M 5	3 0 41	13°20'31	1♐40	8°37	10°31	25°36	0°20	23°22	26° 4	4°20	19°19	15°10	13°44	10°20	27°39	M 5
T 6	3 4 38	14°19'45	15°21	7°37	11°46	26°15	0°31	23°29	26° 2	4°18	19°21	15° 0	13°41	10°27	27°47	T 6
W 7	3 8 34	15°19'01	28°39	6°44	13° 1	26°53	0°42	23°37	26° 0	4°17	19°22	14°51	13°38	10°33	27°56	W 7
T 8	3 12 31	16°18'19	11♑32	5°59	14°16	27°31	0°54	23°44	25°58	4°15	19°23	14°44	13°35	10°40	28° 4	T 8
F 9	3 16 27	17°17'39	24° 4	5°24	15°31	28° 9	1° 5	23°51	25°55	4°13	19°24	14°39	13°31	10°47	28°13	F 9
S 10	3 20 24	18°17'00	6♒17	5° 0	16°46	28°48	1°16	23°59	25°53	4°12	19°25	14°36	13°28	10°53	28°21	S 10
S 11	3 24 21	19°16'23	18°16	4°46	18° 1	29°26	1°28	24° 6	25°51	4°10	19°26	14°D36	13°25	11° 0	28°30	S 11
M12	3 28 17	20°15'47	0♓ 7	4°D44	19°16	0♏ 4	1°39	24°13	25°49	4° 9	19°27	14°36	13°22	11° 7	28°38	M12
T 13	3 32 14	21°15'14	11°55	4°52	20°31	0°42	1°51	24°21	25°47	4° 7	19°29	14°R36	13°19	11°13	28°47	T 13
W14	3 36 10	22°14'41	23°45	5°11	21°46	1°21	2° 3	24°28	25°45	4° 5	19°30	14°36	13°15	11°20	28°55	W14
T 15	3 40 7	23°14'11	5♈42	5°41	23° 0	1°59	2°14	24°35	25°43	4° 4	19°31	14°34	13°12	11°27	29° 4	T 15
F 16	3 44 3	24°13'42	17°51	6°19	24°15	2°37	2°26	24°43	25°41	4° 2	19°32	14°29	13° 9	11°33	29°12	F 16
S 17	3 48 0	25°13'16	0♉14	7° 6	25°30	3°16	2°38	24°50	25°39	4° 0	19°33	14°22	13° 6	11°40	29°20	S 17
S 18	3 51 56	26°12'50	12°53	8° 1	26°45	3°54	2°50	24°57	25°37	3°59	19°34	14°12	13° 3	11°46	29°28	S 18
M19	3 55 53	27°12'27	25°49	9° 2	28° 0	4°32	3° 2	25° 5	25°35	3°57	19°34	14° 0	13° 0	11°53	29°37	M19
T 20	3 59 49	28°12'06	9♊ 1	10°10	29°15	5°11	3°14	25°12	25°33	3°55	19°35	13°48	12°56	12° 0	29°45	T 20
W21	4 3 46	29°11'47	22°28	11°22	0♐30	5°49	3°26	25°19	25°31	3°54	19°36	13°36	12°53	12° 6	29°53	W21
T 22	4 7 43	0♐11'30	6♋ 6	12°40	1°46	6°27	3°38	25°27	25°29	3°52	19°37	13°25	12°50	12°13	0♏ 1	T 22
F 23	4 11 39	1°11'15	19°54	14° 1	3° 1	7° 6	3°51	25°34	25°27	3°50	19°38	13°17	12°47	12°20	0° 9	F 23
S 24	4 15 36	2°11'01	3♌48	15°25	4°16	7°44	4° 3	25°41	25°25	3°49	19°39	13°12	12°44	12°26	0°17	S 24
S 25	4 19 32	3°10'51	17°46	16°53	5°31	8°22	4°15	25°49	25°24	3°47	19°39	13°10	12°40	12°33	0°25	S 25
M26	4 23 29	4°10'42	1♍49	18°22	6°46	9° 1	4°28	25°56	25°22	3°45	19°40	13°D 9	12°37	12°40	0°33	M26
T 27	4 27 25	5°10'35	15°55	19°54	8° 1	9°39	4°40	26° 3	25°20	3°44	19°41	13°R 9	12°34	12°46	0°41	T 27
W28	4 31 22	6°10'30	0♎ 3	21°26	9°16	10°17	4°53	26°11	25°18	3°42	19°42	13° 8	12°31	12°53	0°49	W28
T 29	4 35 19	7°10'28	14°12	23° 1	10°31	10°56	5° 5	26°18	25°17	3°40	19°42	13° 6	12°28	13° 0	0°57	T 29
F 30	4 39 15	8♐10'28	28♎20	24♏36	11♐46	11♏34	5♑18	26♏25	25♈15	3♊38	19♍43	13♍ 0	12♍25	13♓ 6	1♏ 4	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s29	0s10	1n38	17s45	2s12	12s 3	1n16	8s 3	0n54	22s51	0n22	16s17	2n 7	9n23	0s42	19n12	1s40	13n10	9n44	5n37	6n16	7s27	11s15	0s59
F 2	14 48	4 42	2 48	17 7	1 54	12 29	1 15	8 17	0 53	22 51	0 22	16 18	2 7	9 22	0 42	19 12	1 40	13 10	9 44	5 38	6 17	7 25	11 18	0 59
S 3	15 6	8 56	3 47	16 27	1 35	12 54	1 13	8 31	0 53	22 51	0 22	16 20	2 7	9 21	0 42	19 11	1 40	13 10	9 44	5 41	6 18	7 24	11 21	0 59
S 4	15 24	12 36	4 30	15 46	1 14	13 19	1 12	8 46	0 53	22 51	0 22	16 22	2 7	9 21	0 42	19 11	1 40	13 9	9 44	5 44	6 19	7 22	11 24	0 58
M 5	15 42	15 27	4 57	15 6	0 54	13 43	1 11	9 0	0 53	22 51	0 22	16 24	2 7	9 20	0 42	19 11	1 40	13 9	9 45	5 47	6 20	7 20	11 27	0 58
T 6	15 59	17 22	5 5	14 27	0 33	14 7	1 9	9 14	0 52	22 51	0 22	16 26	2 7	9 19	0 42	19 11	1 40	13 9	9 45	5 51	6 22	7 19	11 29	0 58
W 7	16 17	18 16	4 56	13 51	0 13	14 31	1 8	9 28	0 52	22 51	0 22	16 28	2 7	9 18	0 42	19 10	1 40	13 9	9 45	5 55	6 23	7 17	11 32	0 57
T 8	16 34	18 12	4 33	13 17	0n 6	14 55	1 6	9 42	0 52	22 51	0 22	16 29	2 6	9 17	0 42	19 10	1 40	13 9	9 46	5 57	6 24	7 15	11 35	0 57
F 9	16 50	17 13	3 56	12 49	0 25	15 18	1 5	9 55	0 51	22 51	0 21	16 31	2 6	9 17	0 42	19 10	1 40	13 8	9 46	5 59	6 25	7 14	11 38	0 57
S 10	17 7	15 28	3 10	12 24	0 42	15 41	1 3	10 9	0 51	22 52	0 21	16 33	2 6	9 16	0 42	19 9	1 40	13 8	9 46	6 0	6 26	7 12	11 40	0 56
S 11	17 23	13 3	2 16	12 5	0 58	16 3	1 2	10 23	0 51	22 52	0 21	16 35	2 6	9 15	0 42	19 9	1 40	13 8	9 47	6 1	6 28	7 10	11 43	0 56
M12	17 39	10 8	1 17	11 51	1 12	16 25	1 0	10 36	0 50	22 51	0 21	16 37	2 6	9 14	0 42	19 9	1 40	13 8	9 47	6 1	6 29	7 9	11 46	0 56
T 13	17 54	6 48	0 14	11 42	1 25	16 47	0 58	10 50	0 50	22 51	0 21	16 38	2 6	9 14	0 42	19 8	1 40	13 8	9 47	6 0	6 30	7 7	11 49	0 56
W14	18 10	3 12	0s49	11 38	1 35	17 8	0 56	11 3	0 50	22 51	0 21	16 40	2 6	9 13	0 42	19 8	1 40	13 8	9 48	6 1	6 31	7 5	11 51	0 55
T 15	18 25	0n34	1 50	11 39	1 45	17 28	0 55	11 17	0 49	22 51	0 21	16 42	2 6	9 12	0 42	19 8	1 40	13 8	9 48	6 1	6 32	7 4	11 54	0 55
F 16	18 39	4 22	2 47	11 44	1 52	17 49	0 53	11 30	0 49	22 51	0 21	16 44	2 6	9 11	0 41	19 8	1 40	13 8	9 48	6 3	6 34	7 2	11 57	0 55
S 17	18 54	8 3	3 37	11 54	1 58	18 8	0 51	11 43	0 49	22 51	0 20	16 46	2 6	9 11	0 41	19 7	1 40	13 7	9 48	6 6	6 35	7 0	11 59	0 54
S 18	19 8	11 27	4 18	12 7	2 3	18 28	0 49	11 57	0 48	22 51	0 20	16 47	2 6	9 10	0 41	19 7	1 40	13 7	9 49	6 10	6 36	6 59	12 2	0 54
M19	19 21	14 23	4 47	12 23	2 6	18 46	0 47	12 10	0 48	22 51	0 20	16 49	2 6	9 9	0 41	19 7	1 40	13 7	9 49	6 14	6 37	6 57	12 4	0 54
T 20	19 35	16 39	5 0	12 42	2 8	19 5	0 45	12 23	0 48	22 51	0 20	16 51	2 6	9 9	0 41	19 6	1 40	13 7	9 49	6 19	6 39	6 55	12 7	0 54
W21	19 48	18 3	4 58	13 4	2 8	19 22	0 43	12 36	0 47	22 50	0 20	16 52	2 6	9 8	0 41	19 6	1 40	13 7	9 50	6 23	6 40	6 54	12 10	0 53
T 22	20 0	18 27	4 38	13 27	2 8	19 40	0 41	12 48	0 47	22 50	0 20	16 54	2 6	9 7	0 41	19 6	1 40	13 7	9 50	6 27	6 41	6 52	12 12	0 53
F 23	20 13	17 45	4 3	13 53	2 7	19 56	0 39	13 1	0 47	22 50	0 20	16 56	2 6	9 7	0 41	19 5	1 40	13 7	9 50	6 31	6 42	6 50	12 15	0 53
S 24	20 24	16 0	3 12	14 19	2 5	20 12	0 36	13 14	0 46	22 50	0 20	16 58	2 6	9 6	0 41	19 5	1 40	13 7	9 51	6 32	6 43	6 48	12 17	0 52
S 25	20 36	13 18	2 10	14 46	2 2	20 28	0 34	13 26	0 46	22 50	0 20	16 59	2 6	9 6	0 41	19 5	1 40	13 7	9 51	6 33	6 45	6 47	12 20	0 52
M26	20 47	9 48	1 0	15 14	1 59	20 43	0 32	13 39	0 46	22 49	0 19	17 1	2 6	9 5	0 41	19 4	1 40	13 7	9 52	6 34	6 46	6 45	12 22	0 52
T 27	20 58	5 44	0n15	15 42	1 55	20 57	0 30	13 51	0 45	22 49	0 19	17 3	2 6	9 4	0 41	19 4	1 40	13 7	9 52	6 34	6 47	6 43	12 25	0 52
W28	21 8	1 20	1 28	16 11	1 50	21 11	0 27	14 4	0 45	22 49	0 19	17 4	2 6	9 4	0 41	19 4	1 40	13 7	9 52	6 34	6 48	6 42	12 27	0 51
T 29	21 18	3s 9	2 36	16 39	1 45	21 24	0 25	14 16	0 44	22 48	0 19	17 6	2 6	9 3	0 41	19 3	1 40	13 7	9 53	6 35	6 49	6 40	12 30	0 51
F 30	21s28	7s26	3n35	17s 8	1n40	21s37	0n23	14s28	0n44	22s48	0n19	17s 8	2n 6	9n 3	0s41	19n 3	1s40	13n 7	9n53	6n37	6n51	6s38	12s32	0s51

Julian Day Number = 3069474.5, Delta T = 02h35m44s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'36, Lahiri = 47°34'36

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ASTRODIENST EPHEMERIS for the year 3691
geocentric

DECEMBER 3691 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 43 12	9♐10'29	12♏24	26♏11	13♐ 1	12♏13	5♑31	26♏32	25°R14	3°R37	19♍43	12°R52	12♍21	13♓13	1♏12	S 1
S 2	4 47 8	10°10'33	26°20	27°48	14°16	12°51	5°43	26°40	25♈12	3♊35	19°44	12♍41	12°18	13°19	1°20	S 2
M 3	4 51 5	11°10'38	10♐ 3	29°25	15°32	13°29	5°56	26°47	25°11	3°33	19°45	12°28	12°15	13°26	1°27	M 3
T 4	4 55 1	12°10'46	23°29	1♐ 2	16°47	14° 8	6° 9	26°54	25° 9	3°32	19°45	12°15	12°12	13°33	1°35	T 4
W 5	4 58 58	13°10'55	6♑37	2°39	18° 2	14°46	6°22	27° 1	25° 8	3°30	19°46	12° 3	12° 9	13°39	1°42	W 5
T 6	5 2 54	14°11'05	19°26	4°16	19°17	15°25	6°35	27° 8	25° 7	3°28	19°46	11°52	12° 6	13°46	1°50	T 6
F 7	5 6 51	15°11'17	1♒55	5°53	20°32	16° 3	6°48	27°16	25° 5	3°27	19°46	11°44	12° 2	13°53	1°57	F 7
S 8	5 10 48	16°11'31	14° 7	7°30	21°47	16°42	7° 1	27°23	25° 4	3°25	19°47	11°39	11°59	13°59	2° 4	S 8
S 9	5 14 44	17°11'46	26° 6	9° 7	23° 3	17°20	7°14	27°30	25° 3	3°24	19°47	11°37	11°56	14° 6	2°12	S 9
M10	5 18 41	18°12'02	7♓56	10°44	24°18	17°59	7°27	27°37	25° 2	3°22	19°48	11°D36	11°53	14°13	2°19	M10
T 11	5 22 37	19°12'19	19°44	12°21	25°33	18°37	7°40	27°44	25° 1	3°20	19°48	11°R36	11°50	14°19	2°26	T 11
W12	5 26 34	20°12'38	1♈34	13°57	26°48	19°16	7°53	27°51	24°59	3°19	19°48	11°36	11°46	14°26	2°33	W12
T 13	5 30 30	21°12'59	13°32	15°33	28° 3	19°54	8° 6	27°58	24°58	3°17	19°48	11°34	11°43	14°33	2°40	T 13
F 14	5 34 27	22°13'20	25°43	17° 9	29°18	20°33	8°19	28° 5	24°57	3°16	19°49	11°29	11°40	14°39	2°47	F 14
S 15	5 38 23	23°13'43	8♉12	18°45	0♑34	21°11	8°32	28°12	24°57	3°14	19°49	11°23	11°37	14°46	2°54	S 15
S 16	5 42 20	24°14'07	21° 1	20°21	1°49	21°50	8°46	28°19	24°56	3°12	19°49	11°13	11°34	14°52	3° 1	S 16
M17	5 46 17	25°14'33	4♊12	21°56	3° 4	22°28	8°59	28°25	24°55	3°11	19°49	11° 2	11°31	14°59	3° 7	M17
T 18	5 50 13	26°15'00	17°43	23°31	4°19	23° 7	9°12	28°32	24°54	3° 9	19°49	10°49	11°27	15° 6	3°14	T 18
W19	5 54 10	27°15'29	1♋34	25° 7	5°34	23°45	9°25	28°39	24°53	3° 8	19°49	10°37	11°24	15°12	3°21	W19
T 20	5 58 6	28°15'59	15°39	26°41	6°50	24°24	9°39	28°46	24°53	3° 6	19°49	10°27	11°21	15°19	3°27	T 20
F 21	6 2 3	29°16'30	29°53	28°16	8° 5	25° 2	9°52	28°52	24°52	3° 5	19°R49	10°19	11°18	15°26	3°33	F 21
S 22	6 5 59	0♑17'03	14♌12	29°51	9°20	25°41	10° 6	28°59	24°51	3° 3	19°49	10°13	11°15	15°32	3°40	S 22
S 23	6 9 56	1°17'37	28°30	1♑25	10°35	26°19	10°19	29° 6	24°51	3° 2	19°49	10°11	11°12	15°39	3°46	S 23
M24	6 13 52	2°18'13	12♍45	2°59	11°51	26°58	10°32	29°12	24°50	3° 1	19°49	10°D11	11° 8	15°46	3°52	M24
T 25	6 17 49	3°18'51	26°54	4°33	13° 6	27°37	10°46	29°19	24°50	2°59	19°49	10°R11	11° 5	15°52	3°58	T 25
W26	6 21 46	4°19'30	10♎56	6° 8	14°21	28°15	10°59	29°25	24°49	2°58	19°49	10°11	11° 2	15°59	4° 4	W26
T 27	6 25 42	5°20'11	24°52	7°42	15°36	28°54	11°13	29°32	24°49	2°56	19°49	10° 9	10°59	16° 6	4°10	T 27
F 28	6 29 39	6°20'53	8♏39	9°16	16°51	29°32	11°26	29°38	24°49	2°55	19°49	10° 5	10°56	16°12	4°16	F 28
S 29	6 33 35	7°21'37	22°18	10°49	18° 7	0♐11	11°40	29°45	24°48	2°54	19°48	9°58	10°52	16°19	4°22	S 29
S 30	6 37 32	8°22'22	5♐47	12°23	19°22	0°50	11°53	29°51	24°48	2°52	19°48	9°49	10°49	16°26	4°28	S 30
M31	6 41 28	9♑23'09	19♐ 5	13♑57	20♑37	1♐28	12♑ 7	29♏57	24♈48	2♊51	19♍48	9♍39	10♍46	16♓32	4♏33	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s37	11s17	4n20	17s36	1n34	21s49	0n21	14s40	0n44	22s47	0n19	17s 9	2n 6	9n 2	0s41	19n 3	1s40	13n 8	9n53	6n40	6n52	6s37	12s34	0s50
S 2	21 46	14 28	4 48	18 3	1 28	22 0	0 18	14 52	0 43	22 47	0 19	17 11	2 6	9 2	0 41	19 3	1 40	13 8	9 54	6 44	6 53	6 35	12 37	0 50
M 3	21 55	16 48	5 0	18 30	1 22	22 11	0 16	15 4	0 43	22 47	0 19	17 12	2 6	9 1	0 41	19 2	1 40	13 8	9 54	6 49	6 54	6 33	12 39	0 50
T 4	22 3	18 9	4 55	18 57	1 16	22 21	0 14	15 15	0 42	22 46	0 19	17 14	2 6	9 1	0 41	19 2	1 40	13 8	9 54	6 54	6 55	6 31	12 42	0 50
W 5	22 10	18 30	4 34	19 22	1 9	22 30	0 11	15 27	0 42	22 46	0 19	17 16	2 6	9 0	0 41	19 2	1 40	13 8	9 55	6 59	6 57	6 30	12 44	0 49
T 6	22 18	17 53	3 59	19 47	1 2	22 39	0 9	15 38	0 42	22 45	0 18	17 17	2 6	9 0	0 41	19 1	1 40	13 8	9 55	7 3	6 58	6 28	12 46	0 49
F 7	22 24	16 24	3 14	20 11	0 55	22 47	0 6	15 50	0 41	22 44	0 18	17 19	2 6	8 59	0 41	19 1	1 40	13 8	9 55	7 6	6 59	6 26	12 48	0 49
S 8	22 31	14 12	2 20	20 34	0 48	22 54	0 4	16 1	0 41	22 44	0 18	17 20	2 7	8 59	0 41	19 1	1 40	13 9	9 56	7 8	7 0	6 25	12 51	0 49
S 9	22 37	11 26	1 21	20 56	0 41	23 1	0 2	16 12	0 40	22 43	0 18	17 22	2 7	8 58	0 41	19 1	1 40	13 9	9 56	7 9	7 1	6 23	12 53	0 48
M10	22 42	8 13	0 19	21 17	0 34	23 7	0s 1	16 23	0 40	22 43	0 18	17 23	2 7	8 58	0 41	19 0	1 40	13 9	9 56	7 9	7 3	6 21	12 55	0 48
T 11	22 47	4 41	0s43	21 37	0 27	23 12	0 3	16 34	0 40	22 42	0 18	17 25	2 7	8 58	0 41	19 0	1 40	13 9	9 57	7 9	7 4	6 19	12 57	0 48
W12	22 52	0 58	1 44	21 56	0 20	23 17	0 6	16 45	0 39	22 41	0 18	17 26	2 7	8 57	0 41	19 0	1 40	13 9	9 57	7 9	7 5	6 18	12 59	0 47
T 13	22 56	2n49	2 41	22 14	0 13	23 20	0 8	16 56	0 39	22 41	0 18	17 28	2 7	8 57	0 41	18 59	1 40	13 10	9 58	7 10	7 6	6 16	13 2	0 47
F 14	23 0	6 34	3 31	22 30	0 6	23 24	0 11	17 6	0 38	22 40	0 18	17 29	2 7	8 57	0 41	18 59	1 40	13 10	9 58	7 11	7 7	6 14	13 4	0 47
S 15	23 3	10 7	4 13	22 46	0s 1	23 26	0 13	17 17	0 38	22 39	0 18	17 31	2 7	8 56	0 41	18 59	1 40	13 10	9 58	7 14	7 9	6 13	13 6	0 47
S 16	23 6	13 17	4 43	23 0	0 8	23 28	0 15	17 27	0 38	22 39	0 17	17 32	2 7	8 56	0 41	18 59	1 40	13 10	9 59	7 18	7 10	6 11	13 8	0 46
M17	23 8	15 53	4 59	23 13	0 15	23 29	0 18	17 37	0 37	22 38	0 17	17 34	2 7	8 56	0 41	18 58	1 40	13 11	9 59	7 22	7 11	6 9	13 10	0 46
T 18	23 10	17 41	4 59	23 25	0 21	23 29	0 20	17 47	0 37	22 37	0 17	17 35	2 7	8 56	0 41	18 58	1 40	13 11	9 59	7 26	7 12	6 7	13 12	0 46
W19	23 11	18 31	4 42	23 36	0 28	23 29	0 23	17 57	0 36	22 36	0 17	17 36	2 7	8 55	0 40	18 58	1 39	13 11	10 0	7 31	7 13	6 6	13 14	0 46
T 20	23 12	18 13	4 7	23 45	0 35	23 28	0 25	18 7	0 36	22 35	0 17	17 38	2 7	8 55	0 40	18 57	1 39	13 12	10 0	7 35	7 15	6 4	13 16	0 45
F 21	23 13	16 47	3 17	23 53	0 41	23 26	0 27	18 17	0 35	22 34	0 17	17 39	2 7	8 55	0 40	18 57	1 39	13 12	10 0	7 38	7 16	6 2	13 18	0 45
S 22	23 13	14 17	2 13	24 0	0 47	23 23	0 30	18 26	0 35	22 33	0 17	17 40	2 7	8 55	0 40	18 57	1 39	13 12	10 1	7 40	7 17	6 0	13 19	0 45
S 23	23 13	10 55	1 2	24 6	0 53	23 20	0 32	18 36	0 34	22 33	0 17	17 42	2 8	8 55	0 40	18 57	1 39	13 13	10 1	7 41	7 18	5 59	13 21	0 44
M24	23 12	6 56	0n14	24 11	0 59	23 16	0 34	18 45	0 34	22 32	0 17	17 43	2 8	8 54	0 40	18 57	1 39	13 13	10 2	7 41	7 19	5 57	13 23	0 44
T 25	23 11	2 34	1 28	24 14	1 5	23 11	0 37	18 54	0 33	22 31	0 17	17 44	2 8	8 54	0 40	18 56	1 39	13 13	10 2	7 41	7 21	5 55	13 25	0 44
W26	23 9	1s53	2 36	24 16	1 11	23 6	0 39	19 3	0 33	22 30	0 17	17 46	2 8	8 54	0 40	18 56	1 39	13 14	10 2	7 41	7 22	5 53	13 27	0 44
T 27	23 7	6 12	3 35	24 16	1 17	23 0	0 41	19 12	0 33	22 29	0 16	17 47	2 8	8 54	0 40	18 56	1 39	13 14	10 3	7 42	7 23	5 52	13 28	0 43
F 28	23 4	10 9	4 20	24 16	1 22	22 53	0 43	19 21	0 32	22 28	0 16	17 48	2 8	8 54	0 40	18 56	1 39	13 14	10 3	7 43	7 24	5 50	13 30	0 43
S 29	23 1	13 30	4 50	24 14	1 27	22 46	0 46	19 29	0 32	22 27	0 16	17 49	2 8	8 54	0 40	18 55	1 39	13 15	10 3	7 46	7 25	5 48	13 32	0 43
S 30	22 57	16 6	5 3	24 11	1 32	22 37	0 48	19 38	0 31	22 25	0 16	17 51	2 8	8 54	0 40	18 55	1 39	13 15	10 4	7 49	7 26	5 46	13 33	0 42
M31	22s53	17s47	5n 0	24s 6	1s37	22s28	0s50	19s46	0n31	22s24	0n16	17s52	2n 8	8n54	0s40	18n55	1s39	13n16	10n 4	7n53	7n28	5s45	13s35	0s42

Julian Day Number = 3069504.5, Delta T = 02h35m45s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'40, Lahiri = 47°34'41

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

JANUARY 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 45 25	10♑23'56	2♑10	15♑31	21♑52	2♐ 7	12♑20	0♐ 3	24°R48	2°R50	19°R47	9°R27	10♍43	16♓39	4♏39	T 1
W 2	6 49 22	11°24'45	15° 0	17° 5	23° 8	2°46	12°34	0°10	24♈48	2♊49	19♍47	9♍17	10°40	16°45	4°44	W 2
T 3	6 53 18	12°25'35	27°35	18°39	24°23	3°24	12°47	0°16	24°D48	2°47	19°47	9° 8	10°37	16°52	4°50	T 3
F 4	6 57 15	13°26'26	9♒55	20°13	25°38	4° 3	13° 1	0°22	24°48	2°46	19°46	9° 1	10°33	16°59	4°55	F 4
S 5	7 1 11	14°27'17	22° 3	21°47	26°54	4°42	13°14	0°28	24°48	2°45	19°46	8°57	10°30	17° 5	5° 0	S 5
S 6	7 5 8	15°28'10	3♓59	23°21	28° 9	5°20	13°28	0°34	24°48	2°44	19°45	8°D55	10°27	17°12	5° 5	S 6
M 7	7 9 4	16°29'03	15°48	24°55	29°24	5°59	13°41	0°40	24°48	2°43	19°45	8°56	10°24	17°19	5°10	M 7
T 8	7 13 1	17°29'56	27°35	26°29	0♒39	6°38	13°55	0°45	24°49	2°42	19°44	8°57	10°21	17°25	5°15	T 8
W 9	7 16 57	18°30'50	9♈24	28° 3	1°55	7°16	14° 8	0°51	24°49	2°41	19°44	8°58	10°18	17°32	5°20	W 9
T 10	7 20 54	19°31'45	21°20	29°37	3°10	7°55	14°22	0°57	24°49	2°40	19°43	8°R58	10°14	17°39	5°24	T 10
F 11	7 24 51	20°32'40	3♉30	1♒11	4°25	8°34	14°35	1° 2	24°50	2°38	19°43	8°57	10°11	17°45	5°29	F 11
S 12	7 28 47	21°33'36	15°58	2°45	5°40	9°13	14°49	1° 8	24°50	2°37	19°42	8°54	10° 8	17°52	5°33	S 12
S 13	7 32 44	22°34'33	28°48	4°19	6°55	9°51	15° 2	1°13	24°51	2°37	19°41	8°49	10° 5	17°59	5°38	S 13
M14	7 36 40	23°35'29	12♊ 2	5°52	8°11	10°30	15°16	1°19	24°51	2°36	19°41	8°43	10° 2	18° 5	5°42	M14
T 15	7 40 37	24°36'27	25°43	7°26	9°26	11° 9	15°29	1°24	24°52	2°35	19°40	8°35	9°58	18°12	5°46	T 15
W16	7 44 33	25°37'24	9♋48	8°59	10°41	11°48	15°42	1°30	24°52	2°34	19°39	8°28	9°55	18°18	5°50	W16
T 17	7 48 30	26°38'23	24°13	10°33	11°56	12°26	15°56	1°35	24°53	2°33	19°39	8°21	9°52	18°25	5°54	T 17
F 18	7 52 26	27°39'22	8♌52	12° 5	13°12	13° 5	16° 9	1°40	24°54	2°32	19°38	8°16	9°49	18°32	5°58	F 18
S 19	7 56 23	28°40'21	23°38	13°38	14°27	13°44	16°23	1°45	24°55	2°31	19°37	8°13	9°46	18°38	6° 2	S 19
S 20	8 0 20	29°41'21	8♍23	15° 9	15°42	14°23	16°36	1°50	24°56	2°31	19°36	8°D13	9°43	18°45	6° 5	S 20
M21	8 4 16	0♒42'21	23° 1	16°40	16°57	15° 1	16°49	1°55	24°57	2°30	19°35	8°13	9°39	18°52	6° 9	M21
T 22	8 8 13	1°43'22	7♎27	18°10	18°12	15°40	17° 3	2° 0	24°58	2°29	19°34	8°15	9°36	18°58	6°12	T 22
W23	8 12 9	2°44'24	21°39	19°39	19°28	16°19	17°16	2° 5	24°59	2°29	19°34	8°16	9°33	19° 5	6°15	W23
T 24	8 16 6	3°45'26	5♏35	21° 7	20°43	16°58	17°29	2° 9	25° 0	2°28	19°33	8°R16	9°30	19°12	6°19	T 24
F 25	8 20 2	4°46'30	19°14	22°32	21°58	17°37	17°43	2°14	25° 1	2°27	19°32	8°15	9°27	19°18	6°22	F 25
S 26	8 23 59	5°47'33	2♐38	23°56	23°13	18°15	17°56	2°19	25° 2	2°27	19°31	8°13	9°24	19°25	6°25	S 26
S 27	8 27 55	6°48'38	15°47	25°17	24°28	18°54	18° 9	2°23	25° 3	2°26	19°30	8° 9	9°20	19°32	6°27	S 27
M28	8 31 52	7°49'42	28°42	26°36	25°43	19°33	18°22	2°28	25° 4	2°26	19°29	8° 4	9°17	19°38	6°30	M28
T 29	8 35 49	8°50'47	11♑24	27°51	26°59	20°12	18°35	2°32	25° 6	2°25	19°28	7°59	9°14	19°45	6°33	T 29
W30	8 39 45	9°51'52	23°54	29° 2	28°14	20°51	18°48	2°36	25° 7	2°25	19°27	7°54	9°11	19°52	6°35	W30
T 31	8 43 42	10♒52'58	6♒13	0♓ 9	29♒29	21♐30	19♑ 2	2♐40	25♈ 8	2♊24	19♍26	7♍49	9♍ 8	19♓58	6♏38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s49	18s31	4n41	24s 0	1s41	22s19	0s52	19s54	0n30	22s23	0n16	17s53	2n 8	8n54	0s40	18n55	1s39	13n16	10n 4	7n57	7n29	5s43	13s37	0s42
W 2	22 44	18 17	4 8	23 53	1 46	22 9	0 54	20 2	0 30	22 22	0 16	17 54	2 9	8 54	0 40	18 55	1 39	13 17	10 5	8 1	7 30	5 41	13 38	0 42
T 3	22 39	17 8	3 23	23 45	1 50	21 58	0 56	20 10	0 29	22 21	0 16	17 55	2 9	8 54	0 40	18 54	1 39	13 17	10 5	8 4	7 31	5 39	13 40	0 41
F 4	22 33	15 12	2 29	23 35	1 54	21 46	0 58	20 18	0 29	22 20	0 16	17 56	2 9	8 54	0 40	18 54	1 39	13 18	10 5	8 7	7 32	5 38	13 41	0 41
S 5	22 27	12 37	1 30	23 24	1 57	21 34	1 0	20 25	0 28	22 18	0 16	17 57	2 9	8 54	0 40	18 54	1 39	13 18	10 6	8 8	7 34	5 36	13 43	0 41
S 6	22 20	9 33	0 27	23 12	2 0	21 21	1 2	20 33	0 28	22 17	0 16	17 59	2 9	8 54	0 40	18 54	1 39	13 19	10 6	8 9	7 35	5 34	13 44	0 40
M 7	22 13	6 7	0s37	22 58	2 3	21 8	1 4	20 40	0 27	22 16	0 16	18 0	2 9	8 54	0 40	18 54	1 39	13 19	10 6	8 9	7 36	5 32	13 45	0 40
T 8	22 5	2 28	1 39	22 44	2 6	20 54	1 6	20 47	0 26	22 15	0 16	18 1	2 9	8 54	0 40	18 53	1 39	13 20	10 7	8 9	7 37	5 31	13 47	0 40
W 9	21 57	1n17	2 37	22 27	2 8	20 39	1 7	20 54	0 26	22 13	0 15	18 2	2 9	8 54	0 40	18 53	1 39	13 20	10 7	8 8	7 38	5 29	13 48	0 40
T 10	21 49	5 1	3 29	22 10	2 10	20 23	1 9	21 1	0 25	22 12	0 15	18 3	2 10	8 55	0 40	18 53	1 39	13 21	10 7	8 8	7 40	5 27	13 49	0 39
F 11	21 40	8 36	4 12	21 51	2 12	20 8	1 11	21 7	0 25	22 11	0 15	18 4	2 10	8 55	0 40	18 53	1 39	13 21	10 8	8 8	7 41	5 25	13 51	0 39
S 12	21 31	11 55	4 45	21 32	2 13	19 51	1 12	21 14	0 24	22 9	0 15	18 5	2 10	8 55	0 40	18 53	1 39	13 22	10 8	8 10	7 42	5 24	13 52	0 39
S 13	21 21	14 45	5 4	21 10	2 14	19 34	1 14	21 20	0 24	22 8	0 15	18 6	2 10	8 55	0 40	18 53	1 39	13 22	10 8	8 11	7 43	5 22	13 53	0 38
M14	21 11	16 56	5 9	20 48	2 14	19 16	1 16	21 26	0 23	22 6	0 15	18 7	2 10	8 55	0 39	18 53	1 39	13 23	10 9	8 14	7 44	5 20	13 54	0 38
T 15	21 0	18 14	4 56	20 25	2 14	18 58	1 17	21 32	0 23	22 5	0 15	18 8	2 10	8 56	0 39	18 52	1 38	13 23	10 9	8 17	7 46	5 18	13 55	0 38
W16	20 49	18 28	4 25	20 0	2 14	18 39	1 18	21 38	0 22	22 3	0 15	18 8	2 10	8 56	0 39	18 52	1 38	13 24	10 9	8 19	7 47	5 17	13 56	0 38
T 17	20 38	17 31	3 36	19 34	2 13	18 20	1 20	21 43	0 22	22 2	0 15	18 9	2 11	8 56	0 39	18 52	1 38	13 25	10 10	8 22	7 48	5 15	13 57	0 37
F 18	20 26	15 25	2 33	19 7	2 11	18 0	1 21	21 49	0 21	22 0	0 15	18 10	2 11	8 57	0 39	18 52	1 38	13 25	10 10	8 24	7 49	5 13	13 58	0 37
S 19	20 14	12 17	1 19	18 39	2 9	17 40	1 22	21 54	0 20	21 59	0 15	18 11	2 11	8 57	0 39	18 52	1 38	13 26	10 10	8 25	7 50	5 11	13 59	0 37
S 20	20 2	8 22	0n 1	18 10	2 7	17 19	1 24	21 59	0 20	21 57	0 15	18 12	2 11	8 57	0 39	18 52	1 38	13 26	10 11	8 25	7 51	5 9	14 0	0 36
M21	19 49	3 58	1 20	17 40	2 3	16 58	1 25	22 4	0 19	21 56	0 15	18 13	2 11	8 58	0 39	18 52	1 38	13 27	10 11	8 25	7 53	5 8	14 1	0 36
T 22	19 36	0s35	2 33	17 8	2 0	16 36	1 26	22 9	0 19	21 54	0 14	18 13	2 11	8 58	0 39	18 52	1 38	13 28	10 11	8 24	7 54	5 6	14 2	0 36
W23	19 22	5 2	3 35	16 37	1 55	16 14	1 27	22 13	0 18	21 53	0 14	18 14	2 12	8 58	0 39	18 52	1 38	13 28	10 12	8 24	7 55	5 4	14 3	0 36
T 24	19 8	9 7	4 23	16 4	1 50	15 51	1 28	22 18	0 17	21 51	0 14	18 15	2 12	8 59	0 39	18 52	1 38	13 29	10 12	8 24	7 56	5 2	14 3	0 35
F 25	18 54	12 37	4 56	15 31	1 44	15 28	1 29	22 22	0 17	21 49	0 14	18 16	2 12	8 59	0 39	18 52	1 38	13 29	10 12	8 24	7 57	5 1	14 4	0 35
S 26	18 39	15 24	5 11	14 57	1 37	15 4	1 30	22 26	0 16	21 48	0 14	18 16	2 12	9 0	0 39	18 51	1 38	13 30	10 12	8 25	7 59	4 59	14 5	0 35
S 27	18 24	17 20	5 10	14 22	1 29	14 40	1 31	22 30	0 16	21 46	0 14	18 17	2 12	9 0	0 39	18 51	1 38	13 31	10 13	8 26	8 0	4 57	14 5	0 34
M28	18 9	18 20	4 53	13 48	1 21	14 16	1 31	22 34	0 15	21 44	0 14	18 18	2 12	9 1	0 39	18 51	1 38	13 31	10 13	8 28	8 1	4 55	14 6	0 34
T 29	17 53	18 24	4 21	13 14	1 11	13 51	1 32	22 37	0 14	21 43	0 14	18 18	2 13	9 1	0 39	18 51	1 38	13 32	10 13	8 30	8 2	4 53	14 7	0 34
W30	17 37	17 33	3 38	12 39	1 1	13 26	1 32	22 41	0 14	21 41	0 14	18 19	2 13	9 2	0 39	18 51	1 38	13 33	10 13	8 32	8 3	4 52	14 7	0 33
T 31	17s21	15s53	2n45	12s 6	0s50	13s 0	1s33	22s44	0n13	21s39	0n14	18s20	2n13	9n 2	0s39	18n51	1s38	13n33	10n14	8n33	8n 4	4s50	14s 8	0s33

Julian Day Number = 3069535.5, Delta T = 02h35m46s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'44, Lahiri = 47°34'45

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

FEBRUARY 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 47 38	11♒54'03	18♒21	1♓10	0♓44	22♐ 9	19♑15	2♐44	25♈10	2°R24	19°R24	7°R47	9♍ 4	20♓ 5	6♏40	F 1
S 2	8 51 35	12°55'09	0♓20	2° 5	1°59	22°47	19°28	2°48	25°11	2♊24	19♍23	7♍45	9° 1	20°11	6°42	S 2
S 3	8 55 31	13°56'14	12°13	2°53	3°14	23°26	19°41	2°52	25°13	2°23	19°22	7°D45	8°58	20°18	6°44	S 3
M 4	8 59 28	14°57'19	24° 0	3°33	4°29	24° 5	19°53	2°56	25°15	2°23	19°21	7°46	8°55	20°25	6°46	M 4
T 5	9 3 24	15°58'23	5♈47	4° 4	5°44	24°44	20° 6	3° 0	25°16	2°23	19°20	7°47	8°52	20°31	6°48	T 5
W 6	9 7 21	16°59'28	17°36	4°26	6°59	25°23	20°19	3° 3	25°18	2°23	19°19	7°49	8°49	20°38	6°49	W 6
T 7	9 11 18	18° 0'32	29°32	4°37	8°14	26° 2	20°32	3° 7	25°20	2°23	19°17	7°51	8°45	20°45	6°51	T 7
F 8	9 15 14	19° 1'35	11♉39	4°R37	9°29	26°41	20°45	3°10	25°21	2°22	19°16	7°52	8°42	20°51	6°52	F 8
S 9	9 19 11	20° 2'38	24° 2	4°26	10°44	27°19	20°57	3°14	25°23	2°22	19°15	7°R52	8°39	20°58	6°54	S 9
S 10	9 23 7	21° 3'41	6♊47	4° 3	11°59	27°58	21°10	3°17	25°25	2°22	19°14	7°51	8°36	21° 5	6°55	S 10
M11	9 27 4	22° 4'43	19°56	3°28	13°14	28°37	21°23	3°20	25°27	2°D22	19°13	7°50	8°33	21°11	6°56	M11
T 12	9 31 0	23° 5'44	3♋32	2°42	14°29	29°16	21°35	3°23	25°29	2°22	19°11	7°48	8°30	21°18	6°57	T 12
W13	9 34 57	24° 6'45	17°36	1°46	15°44	29°55	21°48	3°26	25°31	2°22	19°10	7°46	8°26	21°25	6°58	W13
T 14	9 38 53	25° 7'45	2♌ 5	0°41	16°59	0♑34	22° 0	3°29	25°33	2°22	19° 9	7°44	8°23	21°31	6°58	T 14
F 15	9 42 50	26° 8'45	16°55	29♒30	18°14	1°13	22°12	3°32	25°35	2°23	19° 7	7°43	8°20	21°38	6°59	F 15
S 16	9 46 47	27° 9'43	1♍58	28°15	19°29	1°52	22°25	3°35	25°37	2°23	19° 6	7°D42	8°17	21°45	6°59	S 16
S 17	9 50 43	28°10'42	17° 5	26°57	20°44	2°31	22°37	3°37	25°39	2°23	19° 5	7°43	8°14	21°51	7° 0	S 17
M18	9 54 40	29°11'40	2♎ 8	25°40	21°58	3°10	22°49	3°40	25°42	2°23	19° 3	7°43	8°10	21°58	7° 0	M18
T 19	9 58 36	0♓12'37	16°58	24°26	23°13	3°48	23° 1	3°42	25°44	2°23	19° 2	7°44	8° 7	22° 4	7°R 0	T 19
W20	10 2 33	1°13'34	1♏30	23°16	24°28	4°27	23°13	3°44	25°46	2°24	19° 0	7°44	8° 4	22°11	7° 0	W20
T 21	10 6 29	2°14'31	15°38	22°12	25°43	5° 6	23°25	3°47	25°48	2°24	18°59	7°45	8° 1	22°18	7° 0	T 21
F 22	10 10 26	3°15'27	29°23	21°15	26°57	5°45	23°37	3°49	25°51	2°24	18°58	7°R45	7°58	22°24	6°59	F 22
S 23	10 14 22	4°16'23	12♐45	20°27	28°12	6°24	23°49	3°51	25°53	2°25	18°56	7°45	7°55	22°31	6°59	S 23
S 24	10 18 19	5°17'19	25°46	19°48	29°27	7° 3	24° 1	3°53	25°56	2°25	18°55	7°45	7°51	22°38	6°59	S 24
M25	10 22 16	6°18'14	8♑28	19°17	0♈41	7°42	24°13	3°54	25°58	2°26	18°53	7°45	7°48	22°44	6°58	M25
T 26	10 26 12	7°19'08	20°54	18°56	1°56	8°21	24°25	3°56	26° 1	2°26	18°52	7°D45	7°45	22°51	6°57	T 26
W27	10 30 9	8°20'02	3♒ 8	18°42	3°10	9° 0	24°36	3°58	26° 3	2°27	18°50	7°45	7°42	22°58	6°56	W27
T 28	10 34 5	9°20'55	15°12	18°D37	4°25	9°39	24°48	3°59	26° 6	2°27	18°49	7°45	7°39	23° 4	6°55	T 28
F 29	10 38 2	10♓21'47	27♒ 9	18♒40	5♈39	10♑18	24♑59	4♐ 0	26♈ 8	2♊28	18♍48	7♍45	7♍36	23♓11	6♏54	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 4	13s31	1n45	11s33	0s37	12s34	1s33	22s47	0n12	21s38	0n14	18s20	2n13	9n 3	0s39	18n51	1s38	13n34	10n14	8n35	8n 6	4s48	14s 8	0s33
S 2	16 47	10 37	0 41	11 1	0 24	12 8	1 34	22 50	0 12	21 36	0 14	18 21	2 13	9 3	0 39	18 51	1 38	13 35	10 14	8 35	8 7	4 46	14 8	0 33
S 3	16 30	7 18	0s25	10 30	0 10	11 42	1 34	22 52	0 11	21 34	0 14	18 21	2 13	9 4	0 39	18 51	1 37	13 35	10 15	8 35	8 8	4 45	14 9	0 32
M 4	16 12	3 43	1 29	10 2	0n 6	11 15	1 34	22 55	0 10	21 32	0 13	18 22	2 14	9 5	0 39	18 51	1 37	13 36	10 15	8 35	8 9	4 43	14 9	0 32
T 5	15 54	0 0	2 29	9 35	0 22	10 48	1 35	22 57	0 10	21 30	0 13	18 22	2 14	9 5	0 39	18 51	1 37	13 37	10 15	8 34	8 10	4 41	14 9	0 32
W 6	15 36	3n43	3 23	9 12	0 39	10 20	1 35	22 59	0 9	21 29	0 13	18 23	2 14	9 6	0 39	18 51	1 37	13 37	10 15	8 34	8 12	4 39	14 10	0 31
T 7	15 18	7 19	4 9	8 51	0 56	9 52	1 35	23 1	0 8	21 27	0 13	18 23	2 14	9 7	0 39	18 51	1 37	13 38	10 16	8 33	8 13	4 37	14 10	0 31
F 8	14 59	10 40	4 44	8 34	1 14	9 24	1 35	23 3	0 8	21 25	0 13	18 24	2 14	9 7	0 39	18 51	1 37	13 39	10 16	8 33	8 14	4 36	14 10	0 31
S 9	14 40	13 38	5 8	8 22	1 32	8 56	1 35	23 5	0 7	21 23	0 13	18 24	2 15	9 8	0 39	18 51	1 37	13 40	10 16	8 33	8 15	4 34	14 10	0 30
S 10	14 21	16 2	5 17	8 13	1 51	8 28	1 35	23 6	0 6	21 21	0 13	18 25	2 15	9 9	0 38	18 51	1 37	13 40	10 16	8 33	8 16	4 32	14 10	0 30
M11	14 1	17 41	5 10	8 9	2 8	7 59	1 34	23 7	0 6	21 19	0 13	18 25	2 15	9 9	0 38	18 51	1 37	13 41	10 16	8 33	8 17	4 30	14 10	0 30
T 12	13 42	18 25	4 46	8 10	2 25	7 30	1 34	23 8	0 5	21 18	0 13	18 25	2 15	9 10	0 38	18 52	1 37	13 42	10 17	8 34	8 19	4 28	14 10	0 29
W13	13 22	18 3	4 4	8 15	2 41	7 1	1 34	23 9	0 4	21 16	0 13	18 26	2 15	9 11	0 38	18 52	1 37	13 42	10 17	8 35	8 20	4 27	14 10	0 29
T 14	13 2	16 30	3 5	8 24	2 55	6 32	1 33	23 10	0 3	21 14	0 13	18 26	2 16	9 12	0 38	18 52	1 37	13 43	10 17	8 35	8 21	4 25	14 10	0 29
F 15	12 41	13 50	1 53	8 37	3 7	6 2	1 33	23 10	0 3	21 12	0 13	18 27	2 16	9 12	0 38	18 52	1 37	13 44	10 17	8 36	8 22	4 23	14 10	0 28
S 16	12 21	10 11	0 32	8 53	3 17	5 32	1 32	23 10	0 2	21 10	0 13	18 27	2 16	9 13	0 38	18 52	1 37	13 44	10 17	8 36	8 23	4 21	14 10	0 28
S 17	12 0	5 51	0n52	9 13	3 24	5 3	1 31	23 11	0 1	21 8	0 13	18 27	2 16	9 14	0 38	18 52	1 37	13 45	10 18	8 36	8 25	4 19	14 10	0 28
M18	11 39	1 10	2 12	9 34	3 29	4 33	1 31	23 11	0 0	21 6	0 13	18 27	2 16	9 15	0 38	18 52	1 37	13 46	10 18	8 36	8 26	4 17	14 9	0 27
T 19	11 18	3s30	3 22	9 56	3 31	4 3	1 30	23 10	0s 0	21 4	0 12	18 28	2 17	9 16	0 38	18 52	1 37	13 47	10 18	8 36	8 27	4 16	14 9	0 27
W20	10 56	7 52	4 17	10 19	3 31	3 32	1 29	23 10	0 1	21 2	0 12	18 28	2 17	9 17	0 38	18 52	1 37	13 47	10 18	8 35	8 28	4 14	14 9	0 27
T 21	10 35	11 40	4 55	10 41	3 29	3 2	1 28	23 9	0 2	21 0	0 12	18 28	2 17	9 17	0 38	18 52	1 36	13 48	10 18	8 35	8 29	4 12	14 8	0 26
F 22	10 13	14 42	5 15	11 3	3 24	2 32	1 27	23 8	0 3	20 58	0 12	18 28	2 17	9 18	0 38	18 52	1 36	13 49	10 18	8 35	8 30	4 10	14 8	0 26
S 23	9 51	16 53	5 17	11 24	3 18	2 1	1 26	23 7	0 3	20 56	0 12	18 28	2 18	9 19	0 38	18 53	1 36	13 49	10 19	8 35	8 32	4 8	14 8	0 26
S 24	9 29	18 7	5 3	11 44	3 10	1 31	1 25	23 6	0 4	20 54	0 12	18 28	2 18	9 20	0 38	18 53	1 36	13 50	10 19	8 35	8 33	4 7	14 7	0 25
M25	9 7	18 24	4 34	12 2	3 1	1 0	1 23	23 5	0 5	20 53	0 12	18 29	2 18	9 21	0 38	18 53	1 36	13 51	10 19	8 35	8 34	4 5	14 7	0 25
T 26	8 45	17 47	3 52	12 18	2 51	0 30	1 22	23 3	0 6	20 51	0 12	18 29	2 18	9 22	0 38	18 53	1 36	13 51	10 19	8 35	8 35	4 3	14 6	0 25
W27	8 22	16 20	3 1	12 33	2 40	0n 1	1 21	23 2	0 7	20 49	0 12	18 29	2 18	9 23	0 38	18 53	1 36	13 52	10 19	8 35	8 36	4 1	14 5	0 24
T 28	8 0	14 11	2 2	12 45	2 28	0 32	1 19	23 0	0 8	20 47	0 12	18 29	2 19	9 24	0 38	18 53	1 36	13 53	10 19	8 35	8 37	3 59	14 5	0 24
F 29	7s37	11s26	0n59	12s55	2n17	1n 2	1s18	22s58	0s 8	20s45	0n12	18s29	2n19	9n25	0s38	18n54	1s36	13n53	10n19	8n35	8n39	3s57	14s 4	0s24

Julian Day Number = 3069566.5, Delta T = 02h35m47s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'49, Lahiri = 47°34'49

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

MARCH 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 41 58	11♓22'38	9♓ 1	18♒50	6♈54	10♉57	25♉10	4♐ 2	26♈11	2♊28	18°R46	7°R45	7♍32	23♓18	6°R53	S 1
S 2	10 45 55	12°23'28	20°49	19° 7	8° 8	11°36	25°22	4° 3	26°14	2°29	18♍45	7♍45	7°29	23°24	6♏52	S 2
M 3	10 49 51	13°24'17	2♈37	19°30	9°23	12°15	25°33	4° 4	26°16	2°30	18°43	7°44	7°26	23°31	6°50	M 3
T 4	10 53 48	14°25'05	14°25	19°58	10°37	12°53	25°44	4° 5	26°19	2°31	18°42	7°44	7°23	23°38	6°49	T 4
W 5	10 57 45	15°25'51	26°18	20°32	11°52	13°32	25°55	4° 6	26°22	2°31	18°40	7°42	7°20	23°44	6°47	W 5
T 6	11 1 41	16°26'37	8♉17	21°10	13° 6	14°11	26° 6	4° 6	26°25	2°32	18°39	7°41	7°16	23°51	6°45	T 6
F 7	11 5 38	17°27'21	20°26	21°53	14°20	14°50	26°17	4° 7	26°27	2°33	18°37	7°40	7°13	23°57	6°43	F 7
S 8	11 9 34	18°28'04	2♊48	22°40	15°34	15°29	26°28	4° 8	26°30	2°34	18°36	7°39	7°10	24° 4	6°41	S 8
S 9	11 13 31	19°28'45	15°28	23°31	16°49	16° 8	26°38	4° 8	26°33	2°35	18°34	7°D39	7° 7	24°11	6°39	S 9
M10	11 17 27	20°29'25	28°29	24°25	18° 3	16°47	26°49	4° 8	26°36	2°36	18°33	7°39	7° 4	24°17	6°37	M10
T 11	11 21 24	21°30'03	11♋55	25°22	19°17	17°26	26°59	4° 9	26°39	2°37	18°31	7°39	7° 1	24°24	6°35	T 11
W12	11 25 20	22°30'39	25°46	26°22	20°31	18° 5	27°10	4°R 9	26°42	2°38	18°30	7°41	6°57	24°31	6°32	W12
T 13	11 29 17	23°31'14	10♌ 5	27°24	21°45	18°44	27°20	4° 9	26°45	2°39	18°28	7°42	6°54	24°37	6°30	T 13
F 14	11 33 13	24°31'48	24°47	28°29	22°59	19°22	27°30	4° 9	26°48	2°40	18°27	7°43	6°51	24°44	6°27	F 14
S 15	11 37 10	25°32'20	9♍49	29°36	24°13	20° 1	27°40	4° 8	26°51	2°41	18°25	7°R43	6°48	24°51	6°24	S 15
S 16	11 41 7	26°32'50	25° 2	0♓45	25°27	20°40	27°50	4° 8	26°54	2°42	18°24	7°42	6°45	24°57	6°22	S 16
M17	11 45 3	27°33'19	10♎18	1°57	26°40	21°19	28° 0	4° 8	26°57	2°43	18°23	7°41	6°41	25° 4	6°19	M17
T 18	11 49 0	28°33'47	25°25	3°10	27°54	21°58	28°10	4° 7	27° 0	2°44	18°21	7°38	6°38	25°11	6°16	T 18
W19	11 52 56	29°34'13	10♏14	4°25	29° 8	22°37	28°19	4° 6	27° 3	2°46	18°20	7°35	6°35	25°17	6°13	W19
T 20	11 56 53	0♈34'38	24°40	5°41	0♉21	23°16	28°29	4° 6	27° 6	2°47	18°18	7°32	6°32	25°24	6° 9	T 20
F 21	12 0 49	1°35'02	8♐38	6°59	1°35	23°55	28°38	4° 5	27°10	2°48	18°17	7°30	6°29	25°31	6° 6	F 21
S 22	12 4 46	2°35'24	22° 7	8°18	2°49	24°33	28°48	4° 4	27°13	2°49	18°15	7°28	6°26	25°37	6° 3	S 22
S 23	12 8 42	3°35'46	5♑10	9°39	4° 2	25°12	28°57	4° 3	27°16	2°51	18°14	7°D28	6°22	25°44	5°59	S 23
M24	12 12 39	4°36'06	17°50	11° 2	5°16	25°51	29° 6	4° 2	27°19	2°52	18°12	7°28	6°19	25°51	5°56	M24
T 25	12 16 36	5°36'25	0♒10	12°25	6°29	26°30	29°15	4° 1	27°22	2°53	18°11	7°30	6°16	25°57	5°52	T 25
W26	12 20 32	6°36'42	12°16	13°50	7°42	27° 9	29°24	3°59	27°26	2°55	18°10	7°32	6°13	26° 4	5°49	W26
T 27	12 24 29	7°36'58	24°12	15°16	8°56	27°48	29°32	3°58	27°29	2°56	18° 8	7°33	6°10	26°11	5°45	T 27
F 28	12 28 25	8°37'12	6♓ 2	16°44	10° 9	28°26	29°41	3°56	27°32	2°58	18° 7	7°R34	6° 7	26°17	5°41	F 28
S 29	12 32 22	9°37'25	17°49	18°12	11°22	29° 5	29°49	3°55	27°36	2°59	18° 6	7°34	6° 3	26°24	5°37	S 29
S 30	12 36 18	10°37'36	29°36	19°42	12°35	29°44	29°58	3°53	27°39	3° 1	18° 4	7°31	6° 0	26°30	5°33	S 30
M31	12 40 15	11♈37'46	11♈25	21♓13	13♉48	0♒23	0♒ 6	3♐51	27♈42	3♊ 2	18♍ 3	7♍27	5♍57	26♓37	5♏29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s14	8s14	0s 7	13s 4	2n 5	1n33	1s16	22s56	0s 9	20s43	0n12	18s29	2n19	9n26	0s38	18n54	1s36	13n54	10n20	8n35	8n40	3s56	14s 3	0s23
S 2	6 51	4 43	1 12	13 10	1 52	2 3	1 14	22 53	0 10	20 41	0 12	18 29	2 19	9 27	0 38	18 54	1 36	13 55	10 20	8 35	8 41	3 54	14 3	0 23
M 3	6 28	1 1	2 14	13 15	1 40	2 34	1 13	22 51	0 11	20 39	0 12	18 29	2 20	9 28	0 38	18 54	1 36	13 56	10 20	8 35	8 42	3 52	14 2	0 23
T 4	6 5	2n42	3 10	13 18	1 28	3 5	1 11	22 48	0 12	20 37	0 12	18 29	2 20	9 29	0 38	18 54	1 36	13 56	10 20	8 36	8 43	3 50	14 1	0 22
W 5	5 42	6 21	3 58	13 19	1 16	3 35	1 9	22 45	0 13	20 35	0 11	18 29	2 20	9 30	0 38	18 54	1 36	13 57	10 20	8 36	8 44	3 48	14 0	0 22
T 6	5 18	9 46	4 37	13 18	1 4	4 6	1 7	22 42	0 14	20 33	0 11	18 29	2 20	9 31	0 38	18 55	1 36	13 58	10 20	8 37	8 46	3 46	13 59	0 21
F 7	4 55	12 49	5 3	13 15	0 53	4 36	1 5	22 39	0 14	20 31	0 11	18 29	2 20	9 32	0 38	18 55	1 36	13 58	10 20	8 37	8 47	3 45	13 58	0 21
S 8	4 31	15 21	5 16	13 11	0 41	5 6	1 3	22 35	0 15	20 29	0 11	18 28	2 21	9 33	0 38	18 55	1 36	13 59	10 20	8 37	8 48	3 43	13 57	0 21
S 9	4 8	17 13	5 14	13 5	0 30	5 36	1 1	22 31	0 16	20 27	0 11	18 28	2 21	9 34	0 38	18 55	1 36	13 59	10 20	8 37	8 49	3 41	13 56	0 20
M10	3 44	18 16	4 57	12 58	0 19	6 6	0 59	22 28	0 17	20 25	0 11	18 28	2 21	9 35	0 38	18 56	1 35	14 0	10 20	8 37	8 50	3 39	13 55	0 20
T 11	3 20	18 20	4 23	12 49	0 9	6 36	0 57	22 24	0 18	20 23	0 11	18 28	2 21	9 36	0 38	18 56	1 35	14 1	10 20	8 37	8 51	3 37	13 54	0 20
W12	2 57	17 19	3 32	12 38	0s 1	7 6	0 54	22 20	0 19	20 21	0 11	18 28	2 21	9 37	0 38	18 56	1 35	14 1	10 20	8 37	8 53	3 35	13 53	0 19
T 13	2 33	15 11	2 27	12 26	0 11	7 36	0 52	22 15	0 20	20 19	0 11	18 28	2 22	9 38	0 38	18 56	1 35	14 2	10 21	8 36	8 54	3 34	13 52	0 19
F 14	2 9	12 1	1 11	12 13	0 21	8 5	0 50	22 11	0 21	20 18	0 11	18 27	2 22	9 39	0 38	18 57	1 35	14 3	10 21	8 36	8 55	3 32	13 50	0 19
S 15	1 45	8 0	0n12	11 59	0 30	8 34	0 47	22 6	0 22	20 16	0 11	18 27	2 22	9 40	0 38	18 57	1 35	14 3	10 21	8 36	8 56	3 30	13 49	0 18
S 16	1 22	3 24	1 34	11 43	0 39	9 3	0 45	22 1	0 23	20 14	0 11	18 27	2 22	9 42	0 37	18 57	1 35	14 4	10 21	8 36	8 57	3 28	13 48	0 18
M17	0 58	1s25	2 51	11 25	0 47	9 32	0 42	21 56	0 24	20 12	0 11	18 27	2 23	9 43	0 37	18 57	1 35	14 4	10 21	8 37	8 58	3 26	13 47	0 17
T 18	0 34	6 6	3 54	11 7	0 56	10 1	0 40	21 51	0 25	20 10	0 11	18 26	2 23	9 44	0 37	18 58	1 35	14 5	10 21	8 38	9 0	3 24	13 45	0 17
W19	0 10	10 19	4 40	10 47	1 3	10 29	0 37	21 46	0 26	20 8	0 11	18 26	2 23	9 45	0 37	18 58	1 35	14 6	10 21	8 39	9 1	3 23	13 44	0 17
T 20	0n14	13 47	5 7	10 26	1 11	10 57	0 34	21 41	0 27	20 6	0 10	18 26	2 23	9 46	0 37	18 58	1 35	14 6	10 21	8 40	9 2	3 21	13 42	0 16
F 21	0 37	16 21	5 15	10 4	1 18	11 25	0 32	21 35	0 28	20 4	0 10	18 25	2 23	9 47	0 37	18 59	1 35	14 7	10 21	8 41	9 3	3 19	13 41	0 16
S 22	1 1	17 55	5 5	9 41	1 24	11 53	0 29	21 29	0 29	20 3	0 10	18 25	2 24	9 48	0 37	18 59	1 35	14 7	10 21	8 41	9 4	3 17	13 39	0 15
S 23	1 25	18 28	4 39	9 17	1 31	12 20	0 26	21 23	0 30	20 1	0 10	18 24	2 24	9 49	0 37	18 59	1 35	14 8	10 21	8 42	9 5	3 15	13 38	0 15
M24	1 49	18 4	4 1	8 51	1 37	12 47	0 23	21 17	0 31	19 59	0 10	18 24	2 24	9 51	0 37	18 59	1 35	14 8	10 21	8 41	9 7	3 13	13 36	0 15
T 25	2 12	16 48	3 11	8 25	1 42	13 14	0 20	21 11	0 32	19 57	0 10	18 24	2 24	9 52	0 37	19 0	1 35	14 9	10 21	8 41	9 8	3 11	13 35	0 14
W26	2 36	14 48	2 15	7 57	1 47	13 41	0 17	21 5	0 33	19 56	0 10	18 23	2 24	9 53	0 37	19 0	1 35	14 10	10 21	8 40	9 9	3 10	13 33	0 14
T 27	3 0	12 11	1 13	7 29	1 52	14 7	0 14	20 58	0 34	19 54	0 10	18 23	2 25	9 54	0 37	19 0	1 35	14 10	10 21	8 39	9 10	3 8	13 32	0 13
F 28	3 23	9 5	0 8	6 59	1 57	14 33	0 11	20 51	0 35	19 52	0 10	18 22	2 25	9 55	0 37	19 1	1 35	14 11	10 21	8 39	9 11	3 6	13 30	0 13
S 29	3 47	5 38	0s56	6 28	2 1	14 58	0 8	20 45	0 36	19 50	0 10	18 22	2 25	9 56	0 37	19 1	1 35	14 11	10 21	8 39	9 12	3 4	13 28	0 13
S 30	4 10	1 58	1 58	5 57	2 4	15 23	0 5	20 38	0 37	19 49	0 10	18 21	2 25	9 58	0 37	19 1	1 35	14 12	10 21	8 40	9 14	3 2	13 27	0 12
M31	4n33	1n48	2s55	5s24	2s 7	15n48	0s 2	20s31	0s38	19s47	0n10	18s21	2n25	9n59	0s37	19n 2	1s34	14n12	10n21	8n42	9n15	3s 0	13s25	0s12

Julian Day Number = 3069595.5, Delta T = 02h35m48s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'53, Lahiri = 47°34'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3692
geocentric

APRIL 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 44 11	12♈37'54	23♈20	22♓45	15♉ 1	1♒ 2	0♒14	3°R49	27♈46	3♊ 4	18°R 1	7°R22	5♍54	26♓44	5°R25	T 1
W 2	12 48 8	13°38'00	5♉20	24°18	16°14	1°40	0°22	3♐47	27°49	3° 5	18♍ 0	7♍15	5°51	26°50	5♏21	W 2
T 3	12 52 4	14°38'04	17°28	25°53	17°27	2°19	0°30	3°45	27°52	3° 7	17°59	7° 8	5°47	26°57	5°17	T 3
F 4	12 56 1	15°38'07	29°46	27°28	18°40	2°58	0°37	3°43	27°56	3° 9	17°58	7° 1	5°44	27° 4	5°12	F 4
S 5	12 59 58	16°38'07	12♊15	29° 5	19°53	3°36	0°45	3°40	27°59	3°10	17°56	6°56	5°41	27°10	5° 8	S 5
S 6	13 3 54	17°38'06	24°58	0♈42	21° 5	4°15	0°52	3°38	28° 2	3°12	17°55	6°51	5°38	27°17	5° 4	S 6
M 7	13 7 51	18°38'02	7♋58	2°21	22°18	4°54	0°59	3°35	28° 6	3°14	17°54	6°49	5°35	27°24	4°59	M 7
T 8	13 11 47	19°37'56	21°16	4° 1	23°30	5°32	1° 7	3°33	28° 9	3°16	17°53	6°D48	5°32	27°30	4°55	T 8
W 9	13 15 44	20°37'48	4♌56	5°43	24°43	6°11	1°14	3°30	28°13	3°17	17°51	6°49	5°28	27°37	4°50	W 9
T 10	13 19 40	21°37'38	18°58	7°25	25°55	6°50	1°20	3°27	28°16	3°19	17°50	6°50	5°25	27°44	4°46	T 10
F 11	13 23 37	22°37'26	3♍23	9° 9	27° 8	7°28	1°27	3°25	28°19	3°21	17°49	6°R51	5°22	27°50	4°41	F 11
S 12	13 27 33	23°37'12	18° 9	10°53	28°20	8° 7	1°34	3°22	28°23	3°23	17°48	6°51	5°19	27°57	4°37	S 12
S 13	13 31 30	24°36'55	3♎10	12°40	29°32	8°45	1°40	3°19	28°26	3°25	17°47	6°48	5°16	28° 4	4°32	S 13
M14	13 35 27	25°36'37	18°18	14°27	0♊44	9°24	1°46	3°16	28°30	3°26	17°46	6°44	5°12	28°10	4°27	M14
T 15	13 39 23	26°36'16	3♏24	16°15	1°56	10° 3	1°52	3°12	28°33	3°28	17°44	6°37	5° 9	28°17	4°23	T 15
W16	13 43 20	27°35'54	18°18	18° 5	3° 8	10°41	1°58	3° 9	28°37	3°30	17°43	6°29	5° 6	28°24	4°18	W16
T 17	13 47 16	28°35'30	2♐52	19°56	4°20	11°20	2° 4	3° 6	28°40	3°32	17°42	6°21	5° 3	28°30	4°13	T 17
F 18	13 51 13	29°35'04	17° 0	21°48	5°31	11°58	2° 9	3° 3	28°43	3°34	17°41	6°13	5° 0	28°37	4° 8	F 18
S 19	13 55 9	0♑34'37	0♑38	23°42	6°43	12°36	2°15	2°59	28°47	3°36	17°40	6° 7	4°57	28°44	4° 4	S 19
S 20	13 59 6	1°34'08	13°48	25°37	7°55	13°15	2°20	2°56	28°50	3°38	17°39	6° 4	4°53	28°50	3°59	S 20
M21	14 3 2	2°33'37	26°31	27°33	9° 6	13°53	2°25	2°52	28°54	3°40	17°38	6° 2	4°50	28°57	3°54	M21
T 22	14 6 59	3°33'05	8♒53	29°30	10°17	14°32	2°30	2°48	28°57	3°42	17°37	6°D 2	4°47	29° 4	3°49	T 22
W23	14 10 56	4°32'31	20°58	1♑29	11°29	15°10	2°35	2°45	29° 1	3°44	17°36	6° 3	4°44	29°10	3°45	W23
T 24	14 14 52	5°31'55	2♓52	3°28	12°40	15°48	2°40	2°41	29° 4	3°46	17°35	6°R 3	4°41	29°17	3°40	T 24
F 25	14 18 49	6°31'17	14°40	5°29	13°51	16°27	2°44	2°37	29° 7	3°48	17°35	6° 3	4°38	29°24	3°35	F 25
S 26	14 22 45	7°30'38	26°26	7°31	15° 2	17° 5	2°48	2°33	29°11	3°50	17°34	6° 1	4°34	29°30	3°30	S 26
S 27	14 26 42	8°29'57	8♈15	9°33	16°13	17°43	2°52	2°29	29°14	3°52	17°33	5°56	4°31	29°37	3°25	S 27
M28	14 30 38	9°29'14	20° 9	11°37	17°24	18°21	2°56	2°25	29°18	3°54	17°32	5°49	4°28	29°43	3°21	M28
T 29	14 34 35	10°28'29	2♉11	13°41	18°35	19° 0	3° 0	2°21	29°21	3°56	17°31	5°39	4°25	29°50	3°16	T 29
W30	14 38 31	11♉27'43	14♉23	15♉45	19♊45	19♒38	3♒ 4	2♐17	29♈24	3♊59	17♍30	5♍27	4♍22	29♓57	3♏11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n57	5n30	3s44	4s51	2s10	16n12	0n 1	20s23	0s40	19s46	0n10	18s20	2n25	10n 0	0s37	19n 2	1s34	14n12	10n20	8n44	9n16	2s58	13s23	0s11
W 2	5 20	9 1	4 24	4 17	2 13	16 36	0 4	20 16	0 41	19 44	0 10	18 20	2 26	10 1	0 37	19 2	1 34	14 13	10 20	8 46	9 17	2 57	13 22	0 11
T 3	5 43	12 12	4 53	3 41	2 15	17 0	0 7	20 8	0 42	19 42	0 10	18 19	2 26	10 2	0 37	19 3	1 34	14 13	10 20	8 49	9 18	2 55	13 20	0 11
F 4	6 6	14 54	5 8	3 5	2 16	17 23	0 10	20 1	0 43	19 41	0 9	18 19	2 26	10 4	0 37	19 3	1 34	14 14	10 20	8 51	9 19	2 53	13 18	0 10
S 5	6 29	16 57	5 9	2 28	2 17	17 46	0 14	19 53	0 44	19 39	0 9	18 18	2 26	10 5	0 37	19 3	1 34	14 14	10 20	8 53	9 21	2 51	13 16	0 10
S 6	6 52	18 13	4 55	1 50	2 18	18 8	0 17	19 45	0 45	19 38	0 9	18 17	2 26	10 6	0 37	19 4	1 34	14 15	10 20	8 55	9 22	2 49	13 14	0 9
M 7	7 14	18 33	4 26	1 12	2 18	18 30	0 20	19 37	0 46	19 36	0 9	18 17	2 26	10 7	0 37	19 4	1 34	14 15	10 20	8 56	9 23	2 47	13 12	0 9
T 8	7 37	17 54	3 42	0 32	2 18	18 51	0 23	19 29	0 48	19 35	0 9	18 16	2 27	10 8	0 37	19 4	1 34	14 16	10 20	8 56	9 24	2 45	13 11	0 9
W 9	7 59	16 12	2 44	0n 8	2 18	19 12	0 27	19 21	0 49	19 33	0 9	18 15	2 27	10 10	0 37	19 5	1 34	14 16	10 20	8 56	9 25	2 44	13 9	0 8
T 10	8 21	13 29	1 35	0 49	2 17	19 33	0 30	19 12	0 50	19 32	0 9	18 15	2 27	10 11	0 37	19 5	1 34	14 16	10 20	8 55	9 26	2 42	13 7	0 8
F 11	8 43	9 53	0 19	1 31	2 15	19 52	0 33	19 4	0 51	19 31	0 9	18 14	2 27	10 12	0 37	19 6	1 34	14 17	10 20	8 55	9 27	2 40	13 5	0 7
S 12	9 5	5 35	1n 1	2 13	2 13	20 12	0 36	18 55	0 52	19 29	0 9	18 13	2 27	10 13	0 37	19 6	1 34	14 17	10 20	8 55	9 29	2 38	13 3	0 7
S 13	9 27	0 52	2 17	2 57	2 11	20 31	0 40	18 46	0 54	19 28	0 9	18 13	2 27	10 15	0 37	19 6	1 34	14 17	10 20	8 56	9 30	2 36	13 1	0 7
M14	9 49	3s57	3 25	3 40	2 8	20 49	0 43	18 37	0 55	19 27	0 9	18 12	2 28	10 16	0 37	19 7	1 34	14 18	10 19	8 58	9 31	2 34	12 59	0 6
T 15	10 10	8 29	4 17	4 25	2 5	21 7	0 46	18 28	0 56	19 25	0 9	18 11	2 28	10 17	0 37	19 7	1 34	14 18	10 19	9 0	9 32	2 32	12 57	0 6
W16	10 31	12 26	4 52	5 10	2 1	21 24	0 50	18 19	0 57	19 24	0 9	18 11	2 28	10 18	0 37	19 7	1 34	14 18	10 19	9 3	9 33	2 30	12 55	0 5
T 17	10 53	15 32	5 6	5 55	1 56	21 41	0 53	18 10	0 59	19 23	0 8	18 10	2 28	10 19	0 37	19 8	1 34	14 19	10 19	9 6	9 34	2 29	12 53	0 5
F 18	11 13	17 35	5 2	6 42	1 52	21 57	0 56	18 0	1 0	19 22	0 8	18 9	2 28	10 21	0 37	19 8	1 34	14 19	10 19	9 9	9 36	2 27	12 51	0 5
S 19	11 34	18 33	4 40	7 28	1 46	22 13	0 59	17 51	1 1	19 21	0 8	18 8	2 28	10 22	0 37	19 9	1 34	14 19	10 19	9 11	9 37	2 25	12 49	0 4
S 20	11 55	18 29	4 3	8 15	1 41	22 28	1 3	17 41	1 3	19 19	0 8	18 7	2 28	10 23	0 37	19 9	1 34	14 20	10 19	9 12	9 38	2 23	12 47	0 4
M21	12 15	17 27	3 16	9 2	1 34	22 42	1 6	17 32	1 4	19 18	0 8	18 7	2 28	10 24	0 37	19 9	1 34	14 20	10 19	9 13	9 39	2 21	12 45	0 3
T 22	12 35	15 36	2 21	9 50	1 27	22 56	1 9	17 22	1 5	19 17	0 8	18 6	2 29	10 25	0 37	19 10	1 34	14 20	10 18	9 13	9 40	2 19	12 43	0 3
W23	12 55	13 6	1 20	10 38	1 20	23 9	1 12	17 12	1 7	19 16	0 8	18 5	2 29	10 27	0 37	19 10	1 34	14 20	10 18	9 13	9 41	2 17	12 41	0 2
T 24	13 15	10 5	0 17	11 25	1 12	23 21	1 16	17 2	1 8	19 15	0 8	18 4	2 29	10 28	0 37	19 11	1 34	14 20	10 18	9 12	9 42	2 15	12 39	0 2
F 25	13 34	6 42	0s46	12 13	1 4	23 33	1 19	16 52	1 9	19 14	0 8	18 3	2 29	10 29	0 37	19 11	1 34	14 21	10 18	9 13	9 44	2 14	12 37	0 2
S 26	13 53	3 3	1 47	13 1	0 56	23 45	1 22	16 42	1 11	19 14	0 8	18 3	2 29	10 30	0 37	19 11	1 34	14 21	10 18	9 13	9 45	2 12	12 35	0 1
S 27	14 12	0n44	2 43	13 48	0 46	23 55	1 25	16 32	1 12	19 13	0 8	18 2	2 29	10 31	0 37	19 12	1 34	14 21	10 18	9 15	9 46	2 10	12 33	0 1
M28	14 31	4 31	3 33	14 35	0 37	24 5	1 28	16 21	1 14	19 12	0 8	18 1	2 29	10 33	0 37	19 12	1 34	14 21	10 17	9 18	9 47	2 8	12 31	0 0
T 29	14 50	8 9	4 13	15 22	0 27	24 15	1 31	16 11	1 15	19 11	0 8	18 0	2 29	10 34	0 37	19 13	1 33	14 21	10 17	9 21	9 48	2 6	12 29	0n 0
W30	15n 8	11n30	4s43	16n 8	0s17	24n24	1n34	16s 0	1s17	19s10	0n 7	17s59	2n29	10n35	0s37	19n13	1s33	14n22	10n17	9n26	9n49	2s 4	12s27	0n 0

Julian Day Number = 3069626.5, Delta T = 02h35m49s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°27'57, Lahiri = 47°34'57

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

MAY 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 42 28	12♉26'54	26♉45	17♉50	20♊56	20♒16	3♒ 7	2°R13	29♈28	4♊ 1	17°R30	5°R15	4♍18	0♈ 3	3°R 7	T 1
F 2	14 46 24	13°26'03	9♊18	19°54	22° 6	20°54	3°10	2♐ 9	29°31	4° 3	17♍29	5♍ 3	4°15	0°10	3♏ 2	F 2
S 3	14 50 21	14°25'11	22° 2	21°58	23°17	21°32	3°13	2° 4	29°34	4° 5	17°28	4°52	4°12	0°17	2°57	S 3
S 4	14 54 18	15°24'16	4♋58	24° 2	24°27	22°10	3°16	2° 0	29°38	4° 7	17°28	4°43	4° 9	0°23	2°53	S 4
M 5	14 58 14	16°23'19	18° 6	26° 5	25°37	22°48	3°19	1°56	29°41	4° 9	17°27	4°38	4° 6	0°30	2°48	M 5
T 6	15 2 11	17°22'20	1♌28	28° 6	26°47	23°26	3°21	1°51	29°44	4°11	17°26	4°35	4° 3	0°37	2°44	T 6
W 7	15 6 7	18°21'19	15° 5	0♊ 6	27°57	24° 4	3°24	1°47	29°48	4°14	17°26	4°D34	3°59	0°43	2°39	W 7
T 8	15 10 4	19°20'15	28°58	2° 4	29° 6	24°42	3°26	1°43	29°51	4°16	17°25	4°R34	3°56	0°50	2°35	T 8
F 9	15 14 0	20°19'09	13♍ 7	3°59	0♋16	25°19	3°28	1°38	29°54	4°18	17°25	4°34	3°53	0°57	2°30	F 9
S 10	15 17 57	21°18'01	27°33	5°52	1°26	25°57	3°30	1°34	29°58	4°20	17°24	4°32	3°50	1° 3	2°26	S 10
S 11	15 21 53	22°16'51	12♎12	7°41	2°35	26°35	3°31	1°29	0♉ 1	4°22	17°24	4°28	3°47	1°10	2°22	S 11
M12	15 25 50	23°15'39	26°59	9°28	3°44	27°12	3°33	1°25	0° 4	4°25	17°23	4°21	3°44	1°17	2°17	M12
T 13	15 29 47	24°14'24	11♏47	11°11	4°53	27°50	3°34	1°20	0° 7	4°27	17°23	4°12	3°40	1°23	2°13	T 13
W14	15 33 43	25°13'08	26°28	12°50	6° 2	28°27	3°35	1°16	0°10	4°29	17°22	4° 1	3°37	1°30	2° 9	W14
T 15	15 37 40	26°11'50	10♐54	14°25	7°11	29° 5	3°36	1°11	0°14	4°31	17°22	3°49	3°34	1°37	2° 5	T 15
F 16	15 41 36	27°10'30	24°59	15°55	8°20	29°42	3°36	1° 6	0°17	4°34	17°22	3°38	3°31	1°43	2° 1	F 16
S 17	15 45 33	28° 9'08	8♑38	17°22	9°28	0♓20	3°37	1° 2	0°20	4°36	17°21	3°29	3°28	1°50	1°57	S 17
S 18	15 49 29	29° 7'45	21°50	18°43	10°36	0°57	3°37	0°57	0°23	4°38	17°21	3°23	3°24	1°57	1°53	S 18
M19	15 53 26	0♊ 6'20	4♒37	20° 0	11°45	1°34	3°R37	0°53	0°26	4°40	17°21	3°19	3°21	2° 3	1°49	M19
T 20	15 57 22	1° 4'54	17° 2	21°12	12°53	2°12	3°37	0°48	0°29	4°43	17°21	3°17	3°18	2°10	1°46	T 20
W21	16 1 19	2° 3'25	29°10	22°19	14° 1	2°49	3°37	0°43	0°32	4°45	17°20	3°16	3°15	2°17	1°42	W21
T 22	16 5 16	3° 1'56	11♓ 5	23°22	15° 8	3°26	3°36	0°39	0°35	4°47	17°20	3°16	3°12	2°23	1°38	T 22
F 23	16 9 12	4° 0'25	22°54	24°19	16°16	4° 3	3°36	0°34	0°38	4°50	17°20	3°15	3° 9	2°30	1°35	F 23
S 24	16 13 9	4°58'52	4♈42	25°10	17°23	4°40	3°35	0°30	0°41	4°52	17°20	3°13	3° 5	2°37	1°31	S 24
S 25	16 17 5	5°57'17	16°34	25°57	18°31	5°17	3°34	0°25	0°44	4°54	17°20	3° 8	3° 2	2°43	1°28	S 25
M26	16 21 2	6°55'42	28°33	26°38	19°38	5°54	3°32	0°21	0°47	4°56	17°20	3° 0	2°59	2°50	1°25	M26
T 27	16 24 58	7°54'04	10♉44	27°14	20°45	6°30	3°31	0°16	0°50	4°59	17°20	2°50	2°56	2°57	1°21	T 27
W28	16 28 55	8°52'25	23° 7	27°45	21°51	7° 7	3°29	0°11	0°53	5° 1	17°D20	2°37	2°53	3° 3	1°18	W28
T 29	16 32 51	9°50'45	5♊44	28°10	22°58	7°44	3°28	0° 7	0°56	5° 3	17°20	2°24	2°50	3°10	1°15	T 29
F 30	16 36 48	10°49'03	18°36	28°30	24° 4	8°20	3°26	0° 2	0°59	5° 5	17°20	2°11	2°46	3°17	1°12	F 30
S 31	16 40 45	11♊47'19	1♋40	28♊44	25♋10	8♓57	3♒23	29♏58	1♉ 1	5♊ 8	17♍20	1♍59	2♍43	3♈23	1♏10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n26	14n24	4s59	16n53	0s 6	24n32	1n37	15s50	1s18	19s10	0n 7	17s58	2n29	10n36	0s37	19n13	1s33	14n22	10n17	9n30	9n50	2s 2	12s25	0n 1
F 2	15 44	16 40	5 1	17 37	0n 4	24 39	1 40	15 39	1 19	19 9	0 7	17 57	2 29	10 37	0 37	19 14	1 33	14 22	10 17	9 35	9 52	2 0	12 23	0 1
S 3	16 1	18 10	4 49	18 20	0 15	24 46	1 43	15 28	1 21	19 8	0 7	17 57	2 29	10 39	0 37	19 14	1 33	14 22	10 17	9 38	9 53	1 58	12 21	0 2
S 4	16 18	18 46	4 22	19 2	0 26	24 52	1 46	15 18	1 22	19 8	0 7	17 56	2 30	10 40	0 37	19 15	1 33	14 22	10 16	9 41	9 54	1 56	12 19	0 2
M 5	16 35	18 22	3 40	19 42	0 37	24 57	1 49	15 7	1 24	19 7	0 7	17 55	2 30	10 41	0 37	19 15	1 33	14 22	10 16	9 44	9 55	1 55	12 18	0 3
T 6	16 52	16 57	2 46	20 20	0 48	25 2	1 51	14 56	1 25	19 7	0 7	17 54	2 30	10 42	0 37	19 16	1 33	14 22	10 16	9 45	9 56	1 53	12 16	0 3
W 7	17 8	14 33	1 42	20 57	0 59	25 6	1 54	14 45	1 27	19 6	0 7	17 53	2 30	10 43	0 37	19 16	1 33	14 22	10 16	9 45	9 57	1 51	12 14	0 3
T 8	17 24	11 16	0 30	21 31	1 10	25 10	1 57	14 34	1 28	19 6	0 7	17 52	2 30	10 44	0 37	19 16	1 33	14 22	10 16	9 45	9 58	1 49	12 12	0 4
F 9	17 40	7 16	0n45	22 4	1 20	25 12	1 59	14 23	1 30	19 6	0 7	17 51	2 30	10 45	0 37	19 17	1 33	14 22	10 15	9 45	10 0	1 47	12 10	0 4
S 10	17 55	2 47	1 59	22 34	1 30	25 15	2 2	14 11	1 32	19 5	0 7	17 50	2 30	10 47	0 37	19 17	1 33	14 22	10 15	9 46	10 1	1 45	12 8	0 5
S 11	18 10	1s56	3 5	23 2	1 40	25 16	2 4	14 0	1 33	19 5	0 6	17 49	2 30	10 48	0 37	19 18	1 33	14 22	10 15	9 47	10 2	1 43	12 6	0 5
M12	18 25	6 34	4 0	23 27	1 49	25 17	2 7	13 49	1 35	19 5	0 6	17 48	2 30	10 49	0 37	19 18	1 33	14 22	10 15	9 49	10 3	1 41	12 4	0 5
T 13	18 40	10 48	4 39	23 51	1 57	25 17	2 9	13 37	1 36	19 5	0 6	17 48	2 30	10 50	0 37	19 18	1 33	14 22	10 15	9 53	10 4	1 39	12 3	0 6
W14	18 54	14 21	4 58	24 11	2 5	25 16	2 11	13 26	1 38	19 4	0 6	17 47	2 30	10 51	0 37	19 19	1 33	14 22	10 14	9 57	10 5	1 37	12 1	0 6
T 15	19 7	16 57	4 59	24 30	2 12	25 15	2 14	13 15	1 40	19 4	0 6	17 46	2 30	10 52	0 37	19 19	1 33	14 22	10 14	10 1	10 6	1 36	11 59	0 7
F 16	19 21	18 27	4 41	24 46	2 18	25 13	2 16	13 3	1 41	19 4	0 6	17 45	2 30	10 53	0 37	19 20	1 33	14 22	10 14	10 5	10 8	1 34	11 57	0 7
S 17	19 34	18 50	4 7	25 0	2 23	25 11	2 18	12 52	1 43	19 4	0 6	17 44	2 30	10 54	0 37	19 20	1 33	14 22	10 14	10 8	10 9	1 32	11 56	0 7
S 18	19 47	18 10	3 21	25 12	2 28	25 7	2 20	12 40	1 44	19 4	0 6	17 43	2 30	10 55	0 37	19 21	1 33	14 22	10 14	10 11	10 10	1 30	11 54	0 8
M19	19 59	16 34	2 26	25 22	2 31	25 4	2 22	12 28	1 46	19 4	0 6	17 42	2 30	10 56	0 37	19 21	1 33	14 22	10 13	10 12	10 11	1 28	11 52	0 8
T 20	20 11	14 14	1 25	25 29	2 34	24 59	2 24	12 17	1 48	19 5	0 6	17 41	2 30	10 57	0 37	19 21	1 33	14 22	10 13	10 13	10 12	1 26	11 50	0 9
W21	20 23	11 19	0 22	25 35	2 35	24 54	2 25	12 5	1 50	19 5	0 6	17 40	2 30	10 58	0 37	19 22	1 33	14 22	10 13	10 13	10 13	1 24	11 49	0 9
T 22	20 34	7 59	0s41	25 39	2 36	24 48	2 27	11 53	1 51	19 5	0 5	17 39	2 30	11 0	0 37	19 22	1 33	14 22	10 13	10 13	10 14	1 22	11 47	0 9
F 23	20 45	4 21	1 42	25 41	2 35	24 42	2 29	11 41	1 53	19 5	0 5	17 39	2 30	11 1	0 37	19 23	1 33	14 21	10 13	10 13	10 16	1 20	11 46	0 10
S 24	20 56	0 34	2 38	25 42	2 34	24 35	2 30	11 30	1 55	19 5	0 5	17 38	2 30	11 2	0 37	19 23	1 33	14 21	10 12	10 14	10 17	1 18	11 44	0 10
S 25	21 6	3n15	3 28	25 40	2 31	24 27	2 31	11 18	1 57	19 6	0 5	17 37	2 29	11 3	0 37	19 23	1 33	14 21	10 12	10 16	10 18	1 16	11 43	0 11
M26	21 16	6 59	4 9	25 38	2 27	24 19	2 33	11 6	1 58	19 6	0 5	17 36	2 29	11 4	0 37	19 24	1 33	14 21	10 12	10 19	10 19	1 15	11 41	0 11
T 27	21 26	10 29	4 39	25 33	2 22	24 10	2 34	10 54	2 0	19 7	0 5	17 35	2 29	11 5	0 37	19 24	1 33	14 21	10 12	10 22	10 20	1 13	11 40	0 11
W28	21 35	13 36	4 56	25 28	2 16	24 1	2 35	10 42	2 2	19 7	0 5	17 34	2 29	11 6	0 37	19 25	1 33	14 21	10 11	10 27	10 21	1 11	11 38	0 12
T 29	21 43	16 9	5 0	25 21	2 8	23 51	2 36	10 31	2 4	19 8	0 5	17 33	2 29	11 7	0 37	19 25	1 33	14 20	10 11	10 31	10 22	1 9	11 37	0 12
F 30	21 52	17 57	4 48	25 12	2 0	23 40	2 37	10 19	2 6	19 8	0 5	17 33	2 29	11 7	0 37	19 25	1 33	14 20	10 11	10 36	10 24	1 7	11 35	0 13
S 31	22n 0	18n51	4s22	25n 3	1n50	23n29	2n38	10s 7	2s 7	19s 9	0n 5	17s32	2n29	11n 8	0s37	19n26	1s33	14n20	10n11	10n40	10n25	1s 5	11s34	0n13

Julian Day Number = 3069656.5, Delta T = 02h35m50s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'01, Lahiri = 47°35'02

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

JUNE 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 44 41	12♊45'33	14♋57	28♊53	26♋16	9♓33	3°R21	29°R54	1♉ 4	5♊10	17♍20	1°R50	2♍40	3♈30	1°R 7	S 1
M 2	16 48 38	13°43'46	28°24	28°R57	27°22	10° 9	3♒19	29♏49	1° 7	5°12	17°20	1♍44	2°37	3°37	1♏ 4	M 2
T 3	16 52 34	14°41'57	12♌ 1	28°56	28°28	10°45	3°16	29°45	1°10	5°14	17°20	1°41	2°34	3°43	1° 2	T 3
W 4	16 56 31	15°40'05	25°47	28°50	29°33	11°21	3°13	29°40	1°12	5°17	17°21	1°39	2°30	3°50	0°59	W 4
T 5	17 0 27	16°38'12	9♍42	28°39	0♌38	11°57	3°10	29°36	1°15	5°19	17°21	1°39	2°27	3°57	0°57	T 5
F 6	17 4 24	17°36'17	23°47	28°24	1°43	12°33	3° 7	29°32	1°18	5°21	17°21	1°39	2°24	4° 3	0°55	F 6
S 7	17 8 20	18°34'20	7♎59	28° 4	2°48	13° 9	3° 3	29°28	1°20	5°23	17°21	1°38	2°21	4°10	0°52	S 7
S 8	17 12 17	19°32'22	22°18	27°41	3°52	13°44	3° 0	29°23	1°23	5°25	17°22	1°35	2°18	4°17	0°50	S 8
M 9	17 16 14	20°30'21	6♏41	27°14	4°56	14°20	2°56	29°19	1°25	5°28	17°22	1°29	2°15	4°23	0°48	M 9
T 10	17 20 10	21°28'19	21° 3	26°45	6° 0	14°55	2°52	29°15	1°28	5°30	17°22	1°20	2°11	4°30	0°47	T 10
W11	17 24 7	22°26'16	5♐20	26°14	7° 3	15°31	2°48	29°11	1°30	5°32	17°23	1°10	2° 8	4°37	0°45	W11
T 12	17 28 3	23°24'10	19°24	25°40	8° 7	16° 6	2°44	29° 7	1°33	5°34	17°23	0°59	2° 5	4°43	0°43	T 12
F 13	17 32 0	24°22'04	3♑12	25° 6	9°10	16°41	2°39	29° 3	1°35	5°36	17°24	0°49	2° 2	4°50	0°42	F 13
S 14	17 35 56	25°19'56	16°40	24°31	10°12	17°16	2°35	28°59	1°37	5°39	17°24	0°41	1°59	4°57	0°40	S 14
S 15	17 39 53	26°17'47	29°46	23°57	11°15	17°51	2°30	28°56	1°40	5°41	17°25	0°35	1°56	5° 3	0°39	S 15
M16	17 43 50	27°15'36	12♒30	23°23	12°17	18°25	2°25	28°52	1°42	5°43	17°25	0°31	1°52	5°10	0°38	M16
T 17	17 47 46	28°13'25	24°54	22°50	13°19	19° 0	2°20	28°48	1°44	5°45	17°26	0°D29	1°49	5°17	0°37	T 17
W18	17 51 43	29°11'12	7♓ 3	22°19	14°20	19°34	2°15	28°44	1°46	5°47	17°26	0°29	1°46	5°23	0°36	W18
T 19	17 55 39	0♋ 8'58	19° 0	21°51	15°21	20° 8	2°10	28°41	1°49	5°49	17°27	0°30	1°43	5°30	0°35	T 19
F 20	17 59 36	1° 6'43	0♈51	21°25	16°22	20°43	2° 4	28°37	1°51	5°51	17°27	0°R30	1°40	5°37	0°34	F 20
S 21	18 3 32	2° 4'27	12°41	21° 3	17°23	21°17	1°59	28°34	1°53	5°53	17°28	0°30	1°36	5°43	0°33	S 21
S 22	18 7 29	3° 2'11	24°35	20°44	18°23	21°50	1°53	28°31	1°55	5°56	17°29	0°27	1°33	5°50	0°33	S 22
M23	18 11 25	3°59'53	6♉38	20°29	19°22	22°24	1°47	28°27	1°57	5°58	17°30	0°23	1°30	5°57	0°32	M23
T 24	18 15 22	4°57'34	18°54	20°18	20°22	22°58	1°41	28°24	1°59	6° 0	17°30	0°16	1°27	6° 3	0°32	T 24
W25	18 19 19	5°55'15	1♊26	20°11	21°21	23°31	1°35	28°21	2° 1	6° 2	17°31	0° 8	1°24	6°10	0°32	W25
T 26	18 23 15	6°52'55	14°16	20°D 8	22°19	24° 4	1°29	28°18	2° 3	6° 4	17°32	29♌58	1°21	6°17	0°D32	T 26
F 27	18 27 12	7°50'33	27°24	20°10	23°17	24°37	1°22	28°15	2° 5	6° 6	17°33	29°49	1°17	6°23	0°32	F 27
S 28	18 31 8	8°48'11	10♋49	20°17	24°15	25°10	1°16	28°12	2° 6	6° 8	17°34	29°41	1°14	6°30	0°32	S 28
S 29	18 35 5	9°45'48	24°28	20°28	25°12	25°42	1° 9	28° 9	2° 8	6°10	17°34	29°35	1°11	6°37	0°32	S 29
M30	18 39 1	10♋43'23	8♌20	20♊43	26♌ 9	26♓15	1♒ 3	28♏ 6	2♉10	6♊12	17♍35	29♌31	1♍ 8	6♈43	0♏33	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 7	18n44	3s40	24n52	1n39	23n18	2n38	9s55	2s 9	19s 9	0n 4	17s31	2n29	11n 9	0s37	19n26	1s33	14n20	10n11	10n43	10n26	1s 3	11s33	0n13
M 2	22 14	17 34	2 46	24 40	1 27	23 6	2 39	9 43	2 11	19 10	0 4	17 30	2 29	11 10	0 37	19 27	1 33	14 19	10 10	10 46	10 27	1 1	11 31	0 14
T 3	22 21	15 24	1 42	24 27	1 15	22 53	2 39	9 31	2 13	19 11	0 4	17 29	2 29	11 11	0 37	19 27	1 33	14 19	10 10	10 47	10 28	0 59	11 30	0 14
W 4	22 27	12 19	0 31	24 14	1 1	22 40	2 40	9 19	2 15	19 12	0 4	17 28	2 29	11 12	0 37	19 27	1 33	14 19	10 10	10 47	10 29	0 57	11 29	0 15
T 5	22 33	8 31	0n43	23 59	0 46	22 26	2 40	9 8	2 17	19 12	0 4	17 28	2 29	11 13	0 37	19 28	1 33	14 18	10 10	10 47	10 30	0 55	11 28	0 15
F 6	22 39	4 12	1 55	23 43	0 30	22 12	2 40	8 56	2 19	19 13	0 4	17 27	2 28	11 14	0 37	19 28	1 33	14 18	10 9	10 47	10 31	0 53	11 27	0 15
S 7	22 44	0s23	3 0	23 26	0 14	21 57	2 40	8 44	2 21	19 14	0 4	17 26	2 28	11 15	0 37	19 28	1 33	14 18	10 9	10 48	10 33	0 51	11 26	0 16
S 8	22 49	4 58	3 55	23 9	0s 3	21 42	2 40	8 32	2 23	19 15	0 4	17 25	2 28	11 16	0 37	19 29	1 33	14 18	10 9	10 49	10 34	0 50	11 25	0 16
M 9	22 53	9 17	4 35	22 51	0 20	21 26	2 40	8 20	2 25	19 16	0 4	17 25	2 28	11 17	0 37	19 29	1 33	14 17	10 9	10 51	10 35	0 48	11 24	0 16
T 10	22 57	13 4	4 58	22 33	0 38	21 10	2 39	8 9	2 27	19 17	0 3	17 24	2 28	11 17	0 37	19 30	1 33	14 17	10 9	10 54	10 36	0 46	11 23	0 17
W11	23 0	16 3	5 2	22 14	0 56	20 54	2 39	7 57	2 29	19 18	0 3	17 23	2 28	11 18	0 37	19 30	1 33	14 17	10 8	10 58	10 37	0 44	11 22	0 17
T 12	23 3	18 2	4 47	21 55	1 14	20 37	2 38	7 45	2 31	19 19	0 3	17 22	2 28	11 19	0 37	19 30	1 33	14 16	10 8	11 1	10 38	0 42	11 21	0 18
F 13	23 6	18 55	4 16	21 36	1 32	20 20	2 37	7 33	2 33	19 20	0 3	17 22	2 27	11 20	0 37	19 31	1 33	14 16	10 8	11 5	10 39	0 40	11 20	0 18
S 14	23 8	18 42	3 31	21 18	1 49	20 2	2 36	7 22	2 35	19 21	0 3	17 21	2 27	11 21	0 38	19 31	1 33	14 15	10 8	11 8	10 40	0 38	11 19	0 18
S 15	23 10	17 28	2 36	20 59	2 6	19 44	2 35	7 10	2 37	19 22	0 3	17 20	2 27	11 21	0 38	19 31	1 33	14 15	10 7	11 10	10 42	0 36	11 18	0 19
M16	23 11	15 23	1 35	20 42	2 22	19 25	2 34	6 59	2 39	19 24	0 3	17 20	2 27	11 22	0 38	19 32	1 33	14 15	10 7	11 11	10 43	0 34	11 17	0 19
T 17	23 12	12 38	0 30	20 25	2 37	19 6	2 33	6 47	2 41	19 25	0 3	17 19	2 27	11 23	0 38	19 32	1 33	14 14	10 7	11 12	10 44	0 32	11 17	0 19
W18	23 13	9 23	0s35	20 8	2 52	18 47	2 31	6 36	2 43	19 26	0 3	17 19	2 27	11 24	0 38	19 32	1 33	14 14	10 7	11 12	10 45	0 30	11 16	0 20
T 19	23 13	5 49	1 38	19 53	3 5	18 28	2 29	6 24	2 45	19 27	0 2	17 18	2 26	11 24	0 38	19 33	1 33	14 13	10 7	11 12	10 46	0 28	11 15	0 20
F 20	23 13	2 3	2 35	19 39	3 18	18 8	2 27	6 13	2 47	19 29	0 2	17 17	2 26	11 25	0 38	19 33	1 33	14 13	10 6	11 12	10 47	0 26	11 15	0 20
S 21	23 12	1n48	3 26	19 27	3 29	17 48	2 26	6 1	2 49	19 30	0 2	17 17	2 26	11 26	0 38	19 33	1 33	14 12	10 6	11 12	10 48	0 24	11 14	0 21
S 22	23 11	5 35	4 8	19 15	3 39	17 27	2 23	5 50	2 51	19 32	0 2	17 16	2 26	11 26	0 38	19 34	1 33	14 12	10 6	11 13	10 49	0 22	11 14	0 21
M23	23 10	9 11	4 40	19 6	3 48	17 7	2 21	5 39	2 54	19 33	0 2	17 16	2 26	11 27	0 38	19 34	1 34	14 11	10 6	11 14	10 51	0 21	11 13	0 21
T 24	23 8	12 28	5 0	18 57	3 55	16 46	2 19	5 28	2 56	19 34	0 2	17 15	2 26	11 28	0 38	19 34	1 34	14 11	10 6	11 17	10 52	0 19	11 13	0 22
W25	23 5	15 16	5 6	18 51	4 2	16 24	2 16	5 17	2 58	19 36	0 2	17 15	2 25	11 28	0 38	19 35	1 34	14 10	10 5	11 19	10 53	0 17	11 12	0 22
T 26	23 3	17 23	4 57	18 45	4 7	16 3	2 13	5 6	3 0	19 37	0 2	17 14	2 25	11 29	0 38	19 35	1 34	14 10	10 5	11 23	10 54	0 15	11 12	0 22
F 27	22 59	18 40	4 32	18 42	4 10	15 41	2 10	4 55	3 2	19 39	0 1	17 14	2 25	11 30	0 38	19 35	1 34	14 9	10 5	11 26	10 55	0 13	11 12	0 23
S 28	22 56	18 56	3 51	18 40	4 13	15 19	2 7	4 44	3 5	19 40	0 1	17 13	2 25	11 30	0 38	19 36	1 34	14 9	10 5	11 29	10 56	0 11	11 11	0 23
S 29	22 52	18 7	2 57	18 39	4 15	14 57	2 4	4 33	3 7	19 42	0 1	17 13	2 25	11 31	0 38	19 36	1 34	14 8	10 5	11 31	10 57	0 9	11 11	0 24
M30	22n47	16n13	1s52	18n39	4s15	14n34	2n 0	4s23	3s 9	19s44	0n 1	17s13	2n24	11n31	0s38	19n36	1s34	14n 8	10n 4	11n32	10n58	0s 7	11s11	0n24

Julian Day Number = 3069687.5, Delta T = 02h35m51s
Ecliptic obliquity = 23°13'09, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'05, Lahiri = 47°35'06

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

JULY 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 42 58	11♋40'57	22♌21	21♊ 3	27♌ 5	26♓47	0°R56	28°R 3	2♉12	6♊13	17♍36	29°R29	1♍ 5	6♈50	0♏33	T 1
W 2	18 46 54	12°38'31	6♍27	21°27	28° 1	27°19	0♒49	28♏ 1	2°13	6°15	17°37	29°D29	1° 2	6°57	0°34	W 2
T 3	18 50 51	13°36'03	20°36	21°56	28°56	27°50	0°42	27°58	2°15	6°17	17°38	29♌30	0°58	7° 3	0°34	T 3
F 4	18 54 48	14°33'33	4♎47	22°29	29°51	28°22	0°35	27°56	2°16	6°19	17°39	29°31	0°55	7°10	0°35	F 4
S 5	18 58 44	15°31'03	18°58	23° 6	0♍45	28°53	0°28	27°53	2°18	6°21	17°40	29°R31	0°52	7°17	0°36	S 5
S 6	19 2 41	16°28'31	3♏ 6	23°47	1°39	29°24	0°21	27°51	2°19	6°23	17°41	29°30	0°49	7°23	0°37	S 6
M 7	19 6 37	17°25'59	17°11	24°32	2°32	29°55	0°13	27°49	2°21	6°25	17°42	29°27	0°46	7°30	0°38	M 7
T 8	19 10 34	18°23'25	1♐ 9	25°20	3°24	0♈26	0° 6	27°47	2°22	6°26	17°44	29°23	0°42	7°37	0°40	T 8
W 9	19 14 30	19°20'50	14°58	26°13	4°16	0°56	29♑59	27°45	2°23	6°28	17°45	29°17	0°39	7°43	0°41	W 9
T 10	19 18 27	20°18'15	28°36	27°10	5° 7	1°26	29°51	27°43	2°25	6°30	17°46	29°10	0°36	7°50	0°42	T 10
F 11	19 22 23	21°15'39	12♑ 0	28°10	5°57	1°56	29°44	27°41	2°26	6°32	17°47	29° 4	0°33	7°57	0°44	F 11
S 12	19 26 20	22°13'02	25° 8	29°14	6°47	2°25	29°36	27°40	2°27	6°33	17°48	29° 0	0°30	8° 3	0°46	S 12
S 13	19 30 17	23°10'24	7♒59	0♋21	7°36	2°55	29°29	27°38	2°28	6°35	17°49	28°56	0°27	8°10	0°48	S 13
M14	19 34 13	24° 7'46	20°33	1°32	8°24	3°24	29°21	27°36	2°29	6°37	17°51	28°54	0°23	8°17	0°50	M14
T 15	19 38 10	25° 5'07	2♓52	2°46	9°11	3°52	29°14	27°35	2°31	6°39	17°52	28°D54	0°20	8°23	0°52	T 15
W16	19 42 6	26° 2'28	14°58	4° 4	9°58	4°21	29° 6	27°34	2°32	6°40	17°53	28°55	0°17	8°30	0°54	W16
T 17	19 46 3	26°59'48	26°54	5°25	10°44	4°49	28°58	27°32	2°32	6°42	17°55	28°57	0°14	8°37	0°56	T 17
F 18	19 49 59	27°57'09	8♈45	6°50	11°28	5°17	28°51	27°31	2°33	6°43	17°56	28°58	0°11	8°43	0°58	F 18
S 19	19 53 56	28°54'29	20°36	8°18	12°12	5°44	28°43	27°30	2°34	6°45	17°57	28°59	0° 7	8°50	1° 1	S 19
S 20	19 57 52	29°51'48	2♉31	9°49	12°55	6°11	28°35	27°29	2°35	6°46	17°59	29°R 0	0° 4	8°57	1° 4	S 20
M21	20 1 49	0♌49'08	14°35	11°23	13°37	6°38	28°27	27°28	2°36	6°48	18° 0	28°59	0° 1	9° 3	1° 6	M21
T 22	20 5 46	1°46'28	26°53	13° 1	14°18	7° 4	28°20	27°27	2°37	6°49	18° 1	28°57	29♌58	9°10	1° 9	T 22
W23	20 9 42	2°43'48	9♊28	14°41	14°58	7°30	28°12	27°27	2°37	6°51	18° 3	28°54	29°55	9°17	1°12	W23
T 24	20 13 39	3°41'07	22°24	16°25	15°37	7°56	28° 5	27°26	2°38	6°52	18° 4	28°50	29°52	9°24	1°15	T 24
F 25	20 17 35	4°38'27	5♋42	18°12	16°14	8°21	27°57	27°26	2°38	6°54	18° 6	28°46	29°48	9°30	1°18	F 25
S 26	20 21 32	5°35'46	19°21	20° 2	16°51	8°46	27°49	27°25	2°39	6°55	18° 7	28°43	29°45	9°37	1°21	S 26
S 27	20 25 28	6°33'05	3♌20	21°55	17°26	9°10	27°42	27°25	2°40	6°56	18° 9	28°41	29°42	9°44	1°25	S 27
M28	20 29 25	7°30'24	17°35	23°50	18° 0	9°34	27°34	27°25	2°40	6°58	18°10	28°39	29°39	9°50	1°28	M28
T 29	20 33 22	8°27'43	2♍ 1	25°48	18°33	9°58	27°27	27°D25	2°40	6°59	18°12	28°D39	29°36	9°57	1°32	T 29
W30	20 37 18	9°25'02	16°33	27°48	19° 4	10°21	27°19	27°25	2°41	7° 0	18°13	28°40	29°33	10° 4	1°35	W30
T 31	20 41 15	10♌22'20	1♎ 5	29♋50	19♍34	10♈44	27♑12	27♏25	2♉41	7♊ 2	18♍15	28♌41	29♌29	10♈10	1♏39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n43	13n20	0s38	18n41	4s14	14n12	1n57	4s12	3s11	19s45	0n 1	17s12	2n24	11n32	0s38	19n37	1s34	14n 7	10n 4	11n33	11n 0	0s 5	11s11	0n24
W 2	22 37	9 39	0n38	18 45	4 13	13 49	1 53	4 2	3 14	19 47	0 1	17 12	2 24	11 32	0 38	19 37	1 34	14 7	10 4	11 33	11 1	0 3	11 11	0 25
T 3	22 32	5 24	1 52	18 49	4 10	13 26	1 49	3 51	3 16	19 48	0 1	17 11	2 24	11 33	0 38	19 37	1 34	14 6	10 4	11 33	11 2	0 1	11 11	0 25
F 4	22 26	0 52	2 59	18 54	4 7	13 3	1 45	3 41	3 18	19 50	0 1	17 11	2 23	11 33	0 38	19 37	1 34	14 6	10 4	11 32	11 3	0n 1	11 11	0 25
S 5	22 20	3s43	3 56	19 0	4 2	12 40	1 40	3 31	3 21	19 52	0 0	17 11	2 23	11 34	0 38	19 38	1 34	14 5	10 3	11 32	11 4	0 3	11 11	0 26
S 6	22 13	8 5	4 38	19 8	3 57	12 17	1 36	3 21	3 23	19 53	0 0	17 11	2 23	11 34	0 38	19 38	1 34	14 4	10 3	11 33	11 5	0 5	11 11	0 26
M 7	22 6	11 58	5 3	19 15	3 51	11 54	1 31	3 11	3 25	19 55	0 0	17 10	2 23	11 35	0 38	19 38	1 34	14 4	10 3	11 34	11 6	0 7	11 11	0 26
T 8	21 58	15 9	5 9	19 24	3 45	11 30	1 26	3 1	3 28	19 57	0 0	17 10	2 23	11 35	0 38	19 39	1 34	14 3	10 3	11 35	11 7	0 9	11 11	0 26
W 9	21 50	17 26	4 58	19 33	3 37	11 7	1 21	2 51	3 30	19 58	0s 0	17 10	2 22	11 36	0 38	19 39	1 34	14 3	10 3	11 37	11 8	0 11	11 11	0 27
T 10	21 42	18 43	4 30	19 42	3 29	10 43	1 16	2 41	3 32	20 0	0 0	17 10	2 22	11 36	0 38	19 39	1 34	14 2	10 2	11 39	11 10	0 13	11 11	0 27
F 11	21 33	18 54	3 48	19 52	3 21	10 20	1 10	2 32	3 35	20 2	0 0	17 9	2 22	11 37	0 38	19 39	1 34	14 1	10 2	11 41	11 11	0 15	11 12	0 27
S 12	21 24	18 4	2 54	20 1	3 12	9 56	1 4	2 22	3 37	20 3	0 0	17 9	2 22	11 37	0 38	19 40	1 34	14 1	10 2	11 43	11 12	0 17	11 12	0 28
S 13	21 15	16 18	1 52	20 11	3 2	9 33	0 58	2 13	3 39	20 5	0 1	17 9	2 21	11 37	0 38	19 40	1 34	14 0	10 2	11 44	11 13	0 18	11 12	0 28
M14	21 5	13 47	0 45	20 21	2 52	9 9	0 52	2 4	3 42	20 7	0 1	17 9	2 21	11 38	0 38	19 40	1 34	14 0	10 2	11 45	11 14	0 20	11 13	0 28
T 15	20 55	10 42	0s22	20 30	2 42	8 45	0 46	1 55	3 44	20 8	0 1	17 9	2 21	11 38	0 38	19 40	1 34	13 59	10 2	11 45	11 15	0 22	11 13	0 29
W16	20 45	7 12	1 27	20 39	2 31	8 22	0 39	1 46	3 47	20 10	0 1	17 9	2 21	11 38	0 38	19 41	1 34	13 58	10 1	11 45	11 16	0 24	11 14	0 29
T 17	20 34	3 29	2 27	20 47	2 19	7 58	0 32	1 37	3 49	20 12	0 1	17 9	2 20	11 39	0 38	19 41	1 34	13 58	10 1	11 44	11 17	0 26	11 14	0 29
F 18	20 23	0n21	3 21	20 55	2 8	7 35	0 25	1 28	3 52	20 13	0 1	17 9	2 20	11 39	0 38	19 41	1 34	13 57	10 1	11 44	11 18	0 28	11 15	0 30
S 19	20 11	4 10	4 6	21 2	1 56	7 12	0 18	1 20	3 54	20 15	0 1	17 9	2 20	11 39	0 38	19 41	1 34	13 56	10 1	11 43	11 20	0 30	11 15	0 30
S 20	20 0	7 50	4 41	21 8	1 44	6 48	0 10	1 12	3 57	20 17	0 1	17 9	2 20	11 39	0 38	19 41	1 34	13 56	10 1	11 43	11 21	0 32	11 16	0 30
M21	19 47	11 13	5 4	21 13	1 32	6 25	0 2	1 3	3 59	20 18	0 2	17 9	2 19	11 40	0 38	19 42	1 34	13 55	10 1	11 43	11 22	0 34	11 16	0 31
T 22	19 35	14 11	5 14	21 16	1 20	6 2	0s 6	0 55	4 2	20 20	0 2	17 9	2 19	11 40	0 38	19 42	1 34	13 54	10 1	11 44	11 23	0 36	11 17	0 31
W23	19 22	16 35	5 9	21 18	1 7	5 39	0 14	0 48	4 4	20 22	0 2	17 9	2 19	11 40	0 38	19 42	1 35	13 54	10 0	11 45	11 24	0 38	11 18	0 31
T 24	19 9	18 13	4 48	21 19	0 55	5 17	0 22	0 40	4 7	20 23	0 2	17 9	2 19	11 40	0 38	19 42	1 35	13 53	10 0	11 46	11 25	0 40	11 19	0 32
F 25	18 56	18 55	4 11	21 17	0 43	4 54	0 31	0 32	4 9	20 25	0 2	17 10	2 18	11 40	0 38	19 42	1 35	13 52	10 0	11 48	11 26	0 42	11 19	0 32
S 26	18 42	18 32	3 20	21 14	0 31	4 32	0 40	0 25	4 12	20 27	0 2	17 10	2 18	11 41	0 39	19 43	1 35	13 52	10 0	11 49	11 27	0 44	11 20	0 32
S 27	18 28	17 2	2 15	21 9	0 18	4 10	0 49	0 18	4 14	20 28	0 2	17 10	2 18	11 41	0 39	19 43	1 35	13 51	10 0	11 50	11 28	0 46	11 21	0 32
M28	18 14	14 27	1 1	21 2	0 7	3 48	0 58	0 11	4 17	20 30	0 3	17 10	2 18	11 41	0 39	19 43	1 35	13 50	10 0	11 50	11 29	0 48	11 22	0 33
T 29	17 59	10 57	0n19	20 52	0n 5	3 27	1 8	0 4	4 19	20 31	0 3	17 10	2 17	11 41	0 39	19 43	1 35	13 49	10 0	11 50	11 31	0 50	11 23	0 33
W30	17 44	6 45	1 37	20 40	0 16	3 6	1 18	0n 3	4 22	20 33	0 3	17 11	2 17	11 41	0 39	19 43	1 35	13 49	10 0	11 50	11 32	0 52	11 24	0 33
T 31	17n29	2n10	2n50	20n26	0n27	2n45	1s28	0n 9	4s24	20s34	0s 3	17s11	2n17	11n41	0s39	19n43	1s35	13n48	10n 0	11n50	11n33	0n54	11s25	0n34

Julian Day Number = 3069717.5, Delta T = 02h35m51s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'10, Lahiri = 47°35'10

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

AUGUST 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 45 11	11♌19'38	15♎33	1♌55	20♍ 2	11♈ 6	27°R 5	27♏25	2♉41	7♊ 3	18♍16	28♌42	29♌26	10♈17	1♏43	F 1
S 2	20 49 8	12°16'55	29°53	4° 1	20°29	11°28	26♑58	27°26	2°41	7° 4	18°18	28°43	29°23	10°24	1°47	S 2
S 3	20 53 4	13°14'13	14♏ 2	6° 8	20°54	11°49	26°51	27°26	2°42	7° 5	18°20	28°R43	29°20	10°30	1°51	S 3
M 4	20 57 1	14°11'30	27°58	8°16	21°17	12°10	26°43	27°27	2°42	7° 6	18°21	28°43	29°17	10°37	1°55	M 4
T 5	21 0 57	15° 8'47	11♐40	10°25	21°39	12°30	26°36	27°27	2°R42	7° 7	18°23	28°42	29°13	10°44	1°59	T 5
W 6	21 4 54	16° 6'03	25° 8	12°35	21°59	12°50	26°30	27°28	2°42	7° 8	18°25	28°40	29°10	10°50	2° 4	W 6
T 7	21 8 51	17° 3'20	8♑22	14°44	22°17	13° 9	26°23	27°29	2°42	7°10	18°26	28°39	29° 7	10°57	2° 8	T 7
F 8	21 12 47	18° 0'37	21°21	16°54	22°33	13°28	26°16	27°30	2°42	7°11	18°28	28°38	29° 4	11° 4	2°12	F 8
S 9	21 16 44	18°57'53	4♒ 7	19° 3	22°47	13°46	26°10	27°31	2°41	7°12	18°30	28°36	29° 1	11°10	2°17	S 9
S 10	21 20 40	19°55'10	16°40	21°11	22°59	14° 4	26° 3	27°32	2°41	7°12	18°31	28°36	28°58	11°17	2°22	S 10
M11	21 24 37	20°52'27	29° 0	23°19	23° 9	14°21	25°57	27°33	2°41	7°13	18°33	28°D36	28°54	11°24	2°27	M11
T 12	21 28 33	21°49'44	11♓ 9	25°26	23°17	14°37	25°50	27°34	2°41	7°14	18°35	28°36	28°51	11°30	2°31	T 12
W13	21 32 30	22°47'02	23°10	27°31	23°23	14°53	25°44	27°36	2°40	7°15	18°37	28°36	28°48	11°37	2°36	W13
T 14	21 36 26	23°44'20	5♈ 3	29°35	23°26	15° 8	25°38	27°37	2°40	7°16	18°38	28°37	28°45	11°44	2°41	T 14
F 15	21 40 23	24°41'38	16°54	1♍38	23°R27	15°23	25°32	27°39	2°39	7°17	18°40	28°37	28°42	11°50	2°47	F 15
S 16	21 44 19	25°38'57	28°45	3°39	23°26	15°37	25°27	27°41	2°39	7°18	18°42	28°38	28°39	11°57	2°52	S 16
S 17	21 48 16	26°36'17	10♉39	5°39	23°23	15°50	25°21	27°42	2°38	7°18	18°44	28°38	28°35	12° 4	2°57	S 17
M18	21 52 13	27°33'38	22°43	7°37	23°17	16° 3	25°15	27°44	2°38	7°19	18°45	28°38	28°32	12°10	3° 2	M18
T 19	21 56 9	28°30'59	4♊59	9°33	23° 9	16°15	25°10	27°46	2°37	7°20	18°47	28°38	28°29	12°17	3° 8	T 19
W20	22 0 6	29°28'22	17°33	11°28	22°58	16°26	25° 5	27°48	2°37	7°20	18°49	28°38	28°26	12°24	3°13	W20
T 21	22 4 2	0♍25'45	0♋27	13°21	22°45	16°36	25° 0	27°51	2°36	7°21	18°51	28°38	28°23	12°31	3°19	T 21
F 22	22 7 59	1°23'09	13°46	15°13	22°30	16°46	24°55	27°53	2°35	7°22	18°53	28°38	28°19	12°37	3°25	F 22
S 23	22 11 55	2°20'33	27°29	17° 2	22°12	16°55	24°50	27°55	2°34	7°22	18°55	28°39	28°16	12°44	3°31	S 23
S 24	22 15 52	3°17'59	11♌38	18°50	21°52	17° 3	24°45	27°58	2°33	7°23	18°57	28°39	28°13	12°51	3°37	S 24
M25	22 19 48	4°15'25	26° 8	20°36	21°30	17°11	24°41	28° 0	2°33	7°23	18°58	28°R39	28°10	12°57	3°42	M25
T 26	22 23 45	5°12'52	10♍54	22°21	21° 6	17°18	24°37	28° 3	2°32	7°24	19° 0	28°39	28° 7	13° 4	3°48	T 26
W27	22 27 42	6°10'20	25°50	24° 4	20°40	17°24	24°33	28° 6	2°31	7°24	19° 2	28°38	28° 4	13°11	3°55	W27
T 28	22 31 38	7° 7'48	10♎46	25°45	20°12	17°29	24°29	28° 8	2°30	7°24	19° 4	28°38	28° 0	13°17	4° 1	T 28
F 29	22 35 35	8° 5'17	25°37	27°24	19°42	17°33	24°25	28°11	2°29	7°25	19° 6	28°37	27°57	13°24	4° 7	F 29
S 30	22 39 31	9° 2'46	10♏13	29° 2	19°10	17°37	24°21	28°14	2°27	7°25	19° 8	28°36	27°54	13°31	4°13	S 30
S 31	22 43 28	10♍ 0'16	24♏32	0♎38	18♍37	17♈40	24♑18	28♏18	2♉26	7♊25	19♍10	28♌35	27♌51	13♈37	4♏20	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17n13	2s31	3n51	20n 9	0n37	2n24	1s38	0n15	4s27	20s36	0s 3	17s11	2n16	11n41	0s39	19n44	1s35	13n47	9n59	11n49	11n34	0n56	11s26	0n34	F 1
S 2	16 58	7 0	4 37	19 50	0 47	2 4	1 49	0 21	4 29	20 37	0 3	17 12	2 16	11 41	0 39	19 44	1 35	13 47	9 59	11 49	11 35	0 58	11 27	0 34	S 2
S 3	16 42	11 2	5 6	19 28	0 56	1 44	2 0	0 27	4 32	20 39	0 3	17 12	2 16	11 41	0 39	19 44	1 35	13 46	9 59	11 49	11 36	1 0	11 28	0 34	S 3
M 4	16 25	14 23	5 16	19 4	1 4	1 25	2 11	0 33	4 34	20 40	0 3	17 12	2 16	11 41	0 39	19 44	1 35	13 45	9 59	11 49	11 37	1 2	11 29	0 35	M 4
T 5	16 9	16 53	5 8	18 37	1 12	1 6	2 22	0 38	4 37	20 42	0 4	17 13	2 15	11 41	0 39	19 44	1 35	13 44	9 59	11 49	11 38	1 4	11 30	0 35	T 5
W 6	15 52	18 25	4 43	18 8	1 19	0 47	2 34	0 44	4 39	20 43	0 4	17 13	2 15	11 41	0 39	19 44	1 35	13 44	9 59	11 50	11 39	1 6	11 32	0 35	W 6
T 7	15 35	18 54	4 4	17 37	1 25	0 30	2 46	0 49	4 42	20 45	0 4	17 14	2 15	11 41	0 39	19 44	1 35	13 43	9 59	11 50	11 40	1 8	11 33	0 36	T 7
F 8	15 18	18 23	3 12	17 4	1 30	0 12	2 58	0 54	4 44	20 46	0 4	17 14	2 15	11 41	0 39	19 45	1 35	13 42	9 59	11 51	11 42	1 10	11 34	0 36	F 8
S 9	15 0	16 55	2 12	16 29	1 35	0s 4	3 10	0 58	4 47	20 47	0 4	17 14	2 14	11 41	0 39	19 45	1 35	13 42	9 59	11 51	11 43	1 12	11 35	0 36	S 9
S 10	14 42	14 39	1 6	15 52	1 39	0 21	3 22	1 3	4 49	20 49	0 4	17 15	2 14	11 41	0 39	19 45	1 35	13 41	9 59	11 51	11 44	1 14	11 37	0 37	S 10
M11	14 24	11 45	0s 2	15 13	1 42	0 36	3 35	1 7	4 52	20 50	0 4	17 16	2 14	11 41	0 39	19 45	1 35	13 40	9 59	11 51	11 45	1 16	11 38	0 37	M11
T 12	14 6	8 23	1 9	14 34	1 44	0 51	3 48	1 11	4 54	20 51	0 4	17 16	2 14	11 41	0 39	19 45	1 35	13 39	9 59	11 51	11 46	1 17	11 39	0 37	T 12
W13	13 48	4 43	2 12	13 52	1 45	1 5	4 0	1 15	4 56	20 53	0 4	17 17	2 13	11 41	0 39	19 45	1 35	13 39	9 58	11 51	11 47	1 19	11 41	0 37	W13
T 14	13 29	0 54	3 9	13 10	1 46	1 18	4 13	1 18	4 59	20 54	0 5	17 17	2 13	11 40	0 39	19 45	1 36	13 38	9 58	11 51	11 48	1 21	11 42	0 38	T 14
F 15	13 10	2n55	3 57	12 27	1 46	1 31	4 26	1 22	5 1	20 55	0 5	17 18	2 13	11 40	0 39	19 45	1 36	13 37	9 58	11 51	11 49	1 23	11 44	0 38	F 15
S 16	12 51	6 38	4 35	11 43	1 45	1 42	4 40	1 25	5 3	20 56	0 5	17 18	2 13	11 40	0 39	19 45	1 36	13 36	9 58	11 51	11 50	1 25	11 45	0 38	S 16
S 17	12 32	10 6	5 2	10 58	1 44	1 53	4 53	1 28	5 6	20 57	0 5	17 19	2 12	11 40	0 39	19 45	1 36	13 36	9 58	11 51	11 51	1 27	11 47	0 39	S 17
M18	12 13	13 11	5 16	10 13	1 42	2 3	5 6	1 30	5 8	20 58	0 5	17 20	2 12	11 40	0 39	19 45	1 36	13 35	9 58	11 51	11 53	1 29	11 48	0 39	M18
T 19	11 53	15 45	5 16	9 27	1 39	2 12	5 19	1 33	5 10	20 59	0 5	17 20	2 12	11 39	0 39	19 45	1 36	13 34	9 58	11 51	11 54	1 31	11 50	0 39	T 19
W20	11 33	17 39	5 0	8 41	1 36	2 20	5 32	1 35	5 13	21 0	0 5	17 21	2 11	11 39	0 39	19 46	1 36	13 33	9 58	11 51	11 55	1 33	11 51	0 39	W20
T 21	11 13	18 43	4 30	7 54	1 32	2 27	5 45	1 37	5 15	21 1	0 5	17 22	2 11	11 39	0 39	19 46	1 36	13 33	9 58	11 51	11 56	1 35	11 53	0 40	T 21
F 22	10 53	18 48	3 44	7 8	1 28	2 32	5 58	1 39	5 17	21 2	0 6	17 23	2 11	11 39	0 39	19 46	1 36	13 32	9 58	11 50	11 57	1 37	11 55	0 40	F 22
S 23	10 33	17 47	2 45	6 21	1 23	2 37	6 10	1 40	5 19	21 3	0 6	17 23	2 11	11 38	0 39	19 46	1 36	13 31	9 58	11 50	11 58	1 39	11 56	0 40	S 23
S 24	10 12	15 39	1 33	5 35	1 18	2 41	6 23	1 41	5 21	21 4	0 6	17 24	2 10	11 38	0 39	19 46	1 36	13 30	9 58	11 50	11 59	1 41	11 58	0 40	S 24
M25	9 52	12 28	0 14	4 48	1 13	2 43	6 35	1 42	5 23	21 5	0 6	17 25	2 10	11 38	0 39	19 46	1 36	13 30	9 58	11 50	12 0	1 43	12 0	0 41	M25
T 26	9 31	8 27	1n 7	4 2	1 7	2 45	6 47	1 43	5 25	21 6	0 6	17 26	2 10	11 37	0 39	19 46	1 36	13 29	9 58	11 50	12 1	1 45	12 2	0 41	T 26
W27	9 10	3 52	2 25	3 16	1 0	2 45	6 58	1 44	5 27	21 7	0 6	17 27	2 10	11 37	0 39	19 46	1 36	13 28	9 58	11 50	12 2	1 47	12 3	0 41	W27
T 28	8 49	0s57	3 33	2 30	0 53	2 44	7 9	1 44	5 28	21 8	0 6	17 28	2 9	11 37	0 39	19 46	1 36	13 28	9 58	11 51	12 3	1 49	12 5	0 42	T 28
F 29	8 28	5 40	4 26	1 44	0 46	2 42	7 19	1 44	5 30	21 9	0 6	17 28	2 9	11 36	0 39	19 46	1 36	13 27	9 58	11 51	12 5	1 51	12 7	0 42	F 29
S 30	8 6	9 59	5 1	0 59	0 39	2 38	7 28	1 44	5 32	21 9	0 6	17 29	2 9	11 36	0 39	19 46	1 36	13 26	9 58	11 51	12 6	1 53	12 9	0 42	S 30
S 31	7n45	13s37	5n16	0n14	0n31	2s34	7s37	1n43	5s33	21s10	0s 6	17s30	2n 9	11n35	0s39	19n46	1s36	13n25	9n58	11n52	12n 7	1n55	12s11	0n42	S 31

Julian Day Number = 3069748.5, Delta T = 02h35m52s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'14, Lahiri = 47°35'14

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

SEPTEMBER 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 47 24	10♍57'47	8♐29	2♎13	18°R 3	17♈42	24°R14	28♏21	2°R25	7♊26	19♍12	28°D34	27♌48	13♈44	4♏26	M 1
T 2	22 51 21	11°55'18	22° 5	3°46	17♍27	17°43	24♑11	28°24	2♉24	7°26	19°14	28♌35	27°45	13°51	4°33	T 2
W 3	22 55 17	12°52'50	5♑21	5°17	16°51	17°R43	24° 8	28°27	2°23	7°26	19°15	28°35	27°41	13°57	4°39	W 3
T 4	22 59 14	13°50'23	18°18	6°47	16°14	17°43	24° 6	28°31	2°21	7°26	19°17	28°37	27°38	14° 4	4°46	T 4
F 5	23 3 11	14°47'56	1♒ 0	8°15	15°36	17°42	24° 3	28°34	2°20	7°26	19°19	28°38	27°35	14°11	4°53	F 5
S 6	23 7 7	15°45'30	13°27	9°41	14°59	17°40	24° 1	28°38	2°18	7°26	19°21	28°39	27°32	14°17	4°59	S 6
S 7	23 11 4	16°43'05	25°43	11° 5	14°21	17°37	23°58	28°42	2°17	7°26	19°23	28°R39	27°29	14°24	5° 6	S 7
M 8	23 15 0	17°40'41	7♓50	12°28	13°44	17°34	23°56	28°45	2°16	7°R26	19°25	28°39	27°25	14°31	5°13	M 8
T 9	23 18 57	18°38'18	19°49	13°49	13° 8	17°29	23°55	28°49	2°14	7°26	19°27	28°38	27°22	14°38	5°20	T 9
W10	23 22 53	19°35'56	1♈44	15° 8	12°32	17°24	23°53	28°53	2°12	7°26	19°29	28°36	27°19	14°44	5°27	W10
T 11	23 26 50	20°33'36	13°35	16°26	11°57	17°19	23°51	28°57	2°11	7°26	19°31	28°33	27°16	14°51	5°34	T 11
F 12	23 30 46	21°31'16	25°25	17°41	11°23	17°12	23°50	29° 1	2° 9	7°26	19°33	28°29	27°13	14°58	5°41	F 12
S 13	23 34 43	22°28'58	7♉17	18°55	10°51	17° 5	23°49	29° 5	2° 8	7°26	19°35	28°25	27°10	15° 4	5°49	S 13
S 14	23 38 39	23°26'41	19°13	20° 6	10°21	16°56	23°48	29°10	2° 6	7°26	19°37	28°21	27° 6	15°11	5°56	S 14
M15	23 42 36	24°24'26	1♊16	21°16	9°52	16°48	23°47	29°14	2° 4	7°26	19°38	28°19	27° 3	15°18	6° 3	M15
T 16	23 46 33	25°22'12	13°31	22°23	9°25	16°38	23°47	29°18	2° 2	7°25	19°40	28°17	27° 0	15°24	6°11	T 16
W17	23 50 29	26°20'00	26° 1	23°28	9° 1	16°28	23°46	29°23	2° 1	7°25	19°42	28°D16	26°57	15°31	6°18	W17
T 18	23 54 26	27°17'50	8♋51	24°30	8°38	16°17	23°D46	29°27	1°59	7°25	19°44	28°17	26°54	15°38	6°26	T 18
F 19	23 58 22	28°15'41	22° 3	25°31	8°18	16° 6	23°46	29°32	1°57	7°24	19°46	28°18	26°50	15°44	6°33	F 19
S 20	0 2 19	29°13'34	5♌42	26°28	8° 0	15°54	23°47	29°37	1°55	7°24	19°48	28°19	26°47	15°51	6°41	S 20
S 21	0 6 15	0♎11'28	19°48	27°23	7°44	15°41	23°47	29°42	1°53	7°24	19°50	28°21	26°44	15°58	6°48	S 21
M22	0 10 12	1° 9'24	4♍20	28°14	7°31	15°28	23°47	29°46	1°51	7°23	19°52	28°R21	26°41	16° 4	6°56	M22
T 23	0 14 8	2° 7'21	19°13	29° 3	7°20	15°14	23°48	29°51	1°49	7°23	19°54	28°19	26°38	16°11	7° 4	T 23
W24	0 18 5	3° 5'20	4♎22	29°48	7°11	15° 0	23°49	29°56	1°47	7°22	19°56	28°16	26°35	16°18	7°11	W24
T 25	0 22 2	4° 3'21	19°36	0♏30	7° 5	14°45	23°50	0♐ 1	1°45	7°22	19°57	28°12	26°31	16°25	7°19	T 25
F 26	0 25 58	5° 1'23	4♏45	1° 8	7° 1	14°30	23°52	0° 6	1°43	7°21	19°59	28° 7	26°28	16°31	7°27	F 26
S 27	0 29 55	5°59'26	19°39	1°42	7°D 0	14°15	23°53	0°12	1°41	7°21	20° 1	28° 1	26°25	16°38	7°35	S 27
S 28	0 33 51	6°57'30	4♐12	2°11	7° 1	14° 0	23°55	0°17	1°39	7°20	20° 3	27°57	26°22	16°45	7°43	S 28
M29	0 37 48	7°55'36	18°18	2°37	7° 4	13°44	23°57	0°22	1°37	7°19	20° 5	27°53	26°19	16°51	7°51	M29
T 30	0 41 44	8♎53'44	1♑58	2♏57	7♍10	13♈28	23♑59	0♐28	1♉35	7♊19	20♍ 7	27♌52	26♌16	16♈58	7♏59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n23	16s23	5n12	0s31	0n23	2s28	7s46	1n43	5s35	21s11	0s 7	17s31	2n 8	11n35	0s39	19n46	1s37	13n25	9n58	11n52	12n 8	1n57	12s13	0n43
T 2	7 2	18 9	4 51	1 15	0 15	2 22	7 53	1 42	5 36	21 11	0 7	17 32	2 8	11 35	0 39	19 46	1 37	13 24	9 58	11 52	12 9	1 59	12 15	0 43
W 3	6 40	18 53	4 14	1 59	0 7	2 14	8 0	1 41	5 38	21 12	0 7	17 33	2 8	11 34	0 39	19 46	1 37	13 23	9 58	11 51	12 10	2 1	12 17	0 43
T 4	6 18	18 36	3 25	2 42	0s 2	2 6	8 6	1 39	5 39	21 12	0 7	17 34	2 8	11 34	0 40	19 46	1 37	13 22	9 58	11 51	12 11	2 3	12 18	0 44
F 5	5 56	17 21	2 27	3 24	0 11	1 56	8 11	1 38	5 40	21 13	0 7	17 35	2 8	11 33	0 40	19 46	1 37	13 22	9 58	11 51	12 12	2 5	12 20	0 44
S 6	5 34	15 18	1 23	4 6	0 20	1 46	8 15	1 36	5 41	21 14	0 7	17 36	2 7	11 33	0 40	19 46	1 37	13 21	9 58	11 50	12 13	2 7	12 22	0 44
S 7	5 12	12 35	0 16	4 47	0 29	1 35	8 19	1 34	5 42	21 14	0 7	17 37	2 7	11 32	0 40	19 46	1 37	13 20	9 58	11 50	12 14	2 9	12 24	0 44
M 8	4 50	9 20	0s50	5 28	0 38	1 23	8 21	1 32	5 43	21 14	0 7	17 38	2 7	11 32	0 40	19 45	1 37	13 20	9 59	11 50	12 15	2 11	12 26	0 45
T 9	4 27	5 45	1 54	6 8	0 47	1 11	8 23	1 30	5 44	21 15	0 7	17 39	2 7	11 31	0 40	19 45	1 37	13 19	9 59	11 51	12 16	2 13	12 28	0 45
W10	4 5	1 57	2 52	6 47	0 57	0 58	8 23	1 28	5 44	21 15	0 8	17 40	2 6	11 31	0 40	19 45	1 37	13 18	9 59	11 51	12 18	2 15	12 31	0 45
T 11	3 42	1n53	3 43	7 25	1 6	0 45	8 23	1 25	5 45	21 16	0 8	17 41	2 6	11 30	0 40	19 45	1 37	13 18	9 59	11 52	12 19	2 17	12 33	0 45
F 12	3 20	5 39	4 23	8 3	1 16	0 32	8 22	1 22	5 45	21 16	0 8	17 42	2 6	11 29	0 40	19 45	1 37	13 17	9 59	11 54	12 20	2 19	12 35	0 46
S 13	2 57	9 12	4 53	8 40	1 25	0 18	8 20	1 19	5 45	21 16	0 8	17 43	2 6	11 29	0 40	19 45	1 37	13 16	9 59	11 55	12 21	2 21	12 37	0 46
S 14	2 35	12 23	5 10	9 16	1 35	0 4	8 17	1 16	5 45	21 16	0 8	17 45	2 5	11 28	0 40	19 45	1 37	13 16	9 59	11 56	12 22	2 23	12 39	0 46
M15	2 12	15 6	5 13	9 50	1 45	0n10	8 13	1 13	5 45	21 17	0 8	17 46	2 5	11 28	0 40	19 45	1 37	13 15	9 59	11 57	12 23	2 25	12 41	0 47
T 16	1 49	17 12	5 3	10 24	1 54	0 24	8 9	1 9	5 45	21 17	0 8	17 47	2 5	11 27	0 40	19 45	1 37	13 14	9 59	11 58	12 24	2 27	12 43	0 47
W17	1 27	18 32	4 38	10 57	2 4	0 37	8 4	1 6	5 45	21 17	0 8	17 48	2 5	11 26	0 40	19 45	1 37	13 14	9 59	11 58	12 25	2 29	12 45	0 47
T 18	1 4	18 58	3 59	11 29	2 14	0 51	7 59	1 2	5 44	21 17	0 8	17 49	2 5	11 26	0 40	19 45	1 37	13 13	9 59	11 58	12 26	2 31	12 47	0 47
F 19	0 41	18 22	3 6	12 0	2 23	1 4	7 52	0 59	5 44	21 17	0 8	17 50	2 4	11 25	0 40	19 45	1 37	13 12	9 59	11 57	12 27	2 33	12 50	0 48
S 20	0 18	16 43	2 1	12 29	2 32	1 17	7 46	0 55	5 43	21 17	0 8	17 52	2 4	11 24	0 40	19 44	1 38	13 12	10 0	11 57	12 28	2 35	12 52	0 48
S 21	0s 5	14 0	0 47	12 58	2 42	1 29	7 38	0 51	5 42	21 17	0 9	17 53	2 4	11 24	0 40	19 44	1 38	13 11	10 0	11 57	12 29	2 37	12 54	0 48
M22	0 27	10 21	0n33	13 25	2 51	1 41	7 30	0 47	5 41	21 17	0 9	17 54	2 4	11 23	0 40	19 44	1 38	13 10	10 0	11 56	12 30	2 39	12 56	0 49
T 23	0 50	5 57	1 52	13 50	3 0	1 53	7 22	0 43	5 39	21 17	0 9	17 55	2 4	11 22	0 40	19 44	1 38	13 10	10 0	11 57	12 31	2 41	12 59	0 49
W24	1 13	1 6	3 4	14 14	3 8	2 4	7 14	0 39	5 38	21 17	0 9	17 56	2 3	11 22	0 40	19 44	1 38	13 9	10 0	11 58	12 33	2 43	13 1	0 49
T 25	1 36	3s50	4 3	14 37	3 17	2 14	7 5	0 35	5 36	21 17	0 9	17 58	2 3	11 21	0 40	19 44	1 38	13 8	10 0	11 59	12 34	2 45	13 3	0 49
F 26	1 59	8 30	4 45	14 58	3 25	2 24	6 56	0 31	5 34	21 17	0 9	17 59	2 3	11 20	0 40	19 44	1 38	13 8	10 0	12 1	12 35	2 47	13 5	0 50
S 27	2 21	12 33	5 7	15 16	3 32	2 33	6 46	0 27	5 32	21 17	0 9	18 0	2 3	11 20	0 40	19 44	1 38	13 7	10 1	12 3	12 36	2 49	13 8	0 50
S 28	2 44	15 44	5 9	15 33	3 39	2 42	6 37	0 23	5 30	21 17	0 9	18 1	2 3	11 19	0 40	19 43	1 38	13 7	10 1	12 5	12 37	2 51	13 10	0 50
M29	3 7	17 52	4 51	15 48	3 46	2 50	6 27	0 20	5 28	21 16	0 9	18 3	2 2	11 18	0 40	19 43	1 38	13 6	10 1	12 6	12 38	2 53	13 12	0 50
T 30	3s30	18s55	4n18	16s 1	3s52	2n57	6s17	0n16	5s25	21s16	0s 9	18s 4	2n 2	11n17	0s40	19n43	1s38	13n 5	10n 1	12n 6	12n39	2n55	13s14	0n51

Julian Day Number = 3069779.5, Delta T = 02h35m53s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'18, Lahiri = 47°35'19

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

OCTOBER 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 45 41	9♎51'52	15♑11	3♏12	7♍17	13°R12	24♑ 1	0♐33	1°R32	7°R18	20♍ 9	27°D52	26♌12	17♈ 5	8♏ 7	W 1
T 2	0 49 37	10°50'02	28° 1	3°21	7°27	12♈56	24° 4	0°39	1♉30	7♊17	20°10	27♌53	26° 9	17°11	8°15	T 2
F 3	0 53 34	11°48'13	10♒32	3°R25	7°39	12°39	24° 6	0°44	1°28	7°16	20°12	27°54	26° 6	17°18	8°23	F 3
S 4	0 57 31	12°46'26	22°48	3°23	7°53	12°23	24° 9	0°50	1°26	7°16	20°14	27°R55	26° 3	17°25	8°31	S 4
S 5	1 1 27	13°44'39	4♓53	3°15	8° 9	12° 7	24°12	0°55	1°23	7°15	20°16	27°55	26° 0	17°31	8°40	S 5
M 6	1 5 24	14°42'55	16°50	3° 0	8°27	11°51	24°15	1° 1	1°21	7°14	20°18	27°53	25°56	17°38	8°48	M 6
T 7	1 9 20	15°41'12	28°43	2°38	8°47	11°35	24°19	1° 7	1°19	7°13	20°19	27°49	25°53	17°45	8°56	T 7
W 8	1 13 17	16°39'30	10♈33	2°10	9° 9	11°20	24°22	1°13	1°17	7°12	20°21	27°43	25°50	17°52	9° 4	W 8
T 9	1 17 13	17°37'51	22°24	1°35	9°32	11° 4	24°26	1°19	1°14	7°11	20°23	27°34	25°47	17°58	9°13	T 9
F 10	1 21 10	18°36'13	4♉16	0°54	9°58	10°49	24°30	1°25	1°12	7°10	20°25	27°25	25°44	18° 5	9°21	F 10
S 11	1 25 6	19°34'37	16°12	0° 6	10°25	10°34	24°34	1°31	1°10	7° 9	20°26	27°15	25°41	18°12	9°29	S 11
S 12	1 29 3	20°33'03	28°12	29♎14	10°53	10°20	24°38	1°37	1° 7	7° 8	20°28	27° 5	25°37	18°18	9°38	S 12
M13	1 32 59	21°31'30	10♊20	28°16	11°23	10° 6	24°42	1°43	1° 5	7° 7	20°30	26°57	25°34	18°25	9°46	M13
T 14	1 36 56	22°30'00	22°38	27°15	11°55	9°52	24°47	1°49	1° 3	7° 6	20°32	26°51	25°31	18°32	9°55	T 14
W15	1 40 53	23°28'32	5♋ 8	26°12	12°27	9°39	24°52	1°55	1° 0	7° 5	20°33	26°47	25°28	18°38	10° 3	W15
T 16	1 44 49	24°27'06	17°54	25° 8	13° 2	9°26	24°56	2° 1	0°58	7° 4	20°35	26°45	25°25	18°45	10°12	T 16
F 17	1 48 46	25°25'42	1♌ 0	24° 4	13°38	9°14	25° 2	2° 8	0°55	7° 3	20°37	26°D45	25°21	18°52	10°20	F 17
S 18	1 52 42	26°24'20	14°30	23° 2	14°14	9° 3	25° 7	2°14	0°53	7° 2	20°38	26°46	25°18	18°58	10°29	S 18
S 19	1 56 39	27°23'01	28°25	22° 4	14°53	8°52	25°12	2°20	0°51	7° 0	20°40	26°R46	25°15	19° 5	10°37	S 19
M20	2 0 35	28°21'43	12♍47	21°11	15°32	8°41	25°18	2°27	0°48	6°59	20°41	26°45	25°12	19°12	10°46	M20
T 21	2 4 32	29°20'28	27°33	20°25	16°13	8°32	25°23	2°33	0°46	6°58	20°43	26°42	25° 9	19°19	10°54	T 21
W22	2 8 28	0♏19'14	12♎38	19°47	16°54	8°23	25°29	2°40	0°43	6°57	20°45	26°36	25° 6	19°25	11° 3	W22
T 23	2 12 25	1°18'03	27°53	19°18	17°37	8°14	25°35	2°46	0°41	6°55	20°46	26°28	25° 2	19°32	11°12	T 23
F 24	2 16 22	2°16'54	13♏ 9	18°58	18°21	8° 7	25°41	2°53	0°39	6°54	20°48	26°18	24°59	19°39	11°20	F 24
S 25	2 20 18	3°15'46	28°13	18°D48	19° 5	8° 0	25°48	3° 0	0°36	6°53	20°49	26° 8	24°56	19°45	11°29	S 25
S 26	2 24 15	4°14'40	12♐57	18°49	19°51	7°54	25°54	3° 6	0°34	6°51	20°51	25°59	24°53	19°52	11°37	S 26
M27	2 28 11	5°13'36	27°13	19° 0	20°37	7°49	26° 1	3°13	0°31	6°50	20°52	25°52	24°50	19°59	11°46	M27
T 28	2 32 8	6°12'34	11♑ 0	19°21	21°25	7°44	26° 8	3°20	0°29	6°49	20°54	25°47	24°47	20° 5	11°55	T 28
W29	2 36 4	7°11'33	24°18	19°52	22°13	7°40	26°15	3°27	0°26	6°47	20°55	25°45	24°43	20°12	12° 3	W29
T 30	2 40 1	8°10'34	7♒ 9	20°32	23° 2	7°38	26°22	3°33	0°24	6°46	20°56	25°D44	24°40	20°19	12°12	T 30
F 31	2 43 57	9♏ 9'37	19♒38	21♎20	23♍52	7♈36	26♑29	3♐40	0♉22	6♊44	20♍58	25°R44	24♌37	20♈25	12♏21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s52	18s52	3n31	16s11	3s57	3n 4	6s 7	0n12	5s22	21s16	0s 9	18s 5	2n 2	11n17	0s40	19n43	1s38	13n 5	10n 1	12n 6	12n40	2n57	13s17	0n51
T 2	4 15	17 50	2 35	16 19	4 2	3 10	5 57	0 9	5 20	21 15	0 9	18 7	2 2	11 16	0 40	19 43	1 38	13 4	10 1	12 6	12 41	2 59	13 19	0 51
F 3	4 38	15 57	1 33	16 24	4 6	3 15	5 46	0 5	5 17	21 15	0 10	18 8	2 2	11 15	0 40	19 43	1 38	13 4	10 1	12 6	12 42	3 1	13 21	0 52
S 4	5 0	13 21	0 28	16 26	4 9	3 20	5 36	0 2	5 13	21 15	0 10	18 9	2 2	11 14	0 40	19 42	1 38	13 3	10 2	12 5	12 43	3 3	13 24	0 52
S 5	5 22	10 13	0s38	16 24	4 10	3 23	5 26	0s 1	5 10	21 14	0 10	18 11	2 1	11 14	0 40	19 42	1 38	13 3	10 2	12 5	12 44	3 5	13 26	0 52
M 6	5 45	6 42	1 40	16 20	4 11	3 26	5 15	0 4	5 7	21 14	0 10	18 12	2 1	11 13	0 40	19 42	1 38	13 2	10 2	12 6	12 45	3 7	13 28	0 52
T 7	6 7	2 56	2 38	16 11	4 10	3 29	5 5	0 7	5 3	21 13	0 10	18 13	2 1	11 12	0 40	19 42	1 38	13 2	10 2	12 7	12 46	3 9	13 31	0 53
W 8	6 29	0n56	3 29	15 59	4 8	3 30	4 55	0 10	4 59	21 13	0 10	18 15	2 1	11 11	0 40	19 42	1 38	13 1	10 2	12 9	12 48	3 11	13 33	0 53
T 9	6 52	4 45	4 11	15 44	4 4	3 31	4 44	0 12	4 56	21 12	0 10	18 16	2 1	11 10	0 40	19 42	1 38	13 1	10 3	12 12	12 49	3 13	13 35	0 53
F 10	7 14	8 24	4 41	15 24	3 58	3 32	4 34	0 14	4 52	21 11	0 10	18 17	2 0	11 10	0 40	19 41	1 38	13 0	10 3	12 16	12 50	3 15	13 38	0 54
S 11	7 35	11 44	5 0	15 0	3 51	3 31	4 24	0 16	4 48	21 11	0 10	18 19	2 0	11 9	0 40	19 41	1 38	13 0	10 3	12 19	12 51	3 17	13 40	0 54
S 12	7 57	14 37	5 6	14 33	3 41	3 30	4 14	0 18	4 43	21 10	0 10	18 20	2 0	11 8	0 40	19 41	1 39	12 59	10 3	12 22	12 52	3 19	13 42	0 54
M13	8 19	16 53	4 57	14 2	3 30	3 28	4 4	0 19	4 39	21 9	0 10	18 21	2 0	11 7	0 40	19 41	1 39	12 59	10 3	12 25	12 53	3 21	13 45	0 55
T 14	8 41	18 26	4 36	13 28	3 17	3 26	3 54	0 21	4 35	21 9	0 10	18 23	2 0	11 6	0 40	19 41	1 39	12 58	10 4	12 27	12 54	3 23	13 47	0 55
W15	9 2	19 7	4 0	12 52	3 3	3 22	3 44	0 22	4 30	21 8	0 10	18 24	2 0	11 6	0 40	19 40	1 39	12 58	10 4	12 28	12 55	3 25	13 49	0 55
T 16	9 24	18 51	3 12	12 13	2 46	3 19	3 34	0 22	4 26	21 7	0 11	18 25	2 0	11 5	0 40	19 40	1 39	12 57	10 4	12 29	12 56	3 27	13 52	0 55
F 17	9 45	17 35	2 13	11 33	2 28	3 14	3 24	0 23	4 21	21 6	0 11	18 27	1 59	11 4	0 40	19 40	1 39	12 57	10 4	12 29	12 57	3 29	13 54	0 56
S 18	10 6	15 18	1 5	10 53	2 10	3 9	3 14	0 23	4 16	21 5	0 11	18 28	1 59	11 3	0 40	19 40	1 39	12 56	10 5	12 29	12 58	3 31	13 56	0 56
S 19	10 27	12 3	0n 9	10 13	1 50	3 3	3 5	0 23	4 12	21 5	0 11	18 29	1 59	11 2	0 40	19 39	1 39	12 56	10 5	12 29	12 59	3 33	13 59	0 56
M20	10 48	8 0	1 24	9 35	1 30	2 57	2 56	0 22	4 7	21 4	0 11	18 31	1 59	11 1	0 40	19 39	1 39	12 56	10 5	12 29	13 0	3 35	14 1	0 57
T 21	11 8	3 22	2 36	8 59	1 9	2 50	2 46	0 22	4 2	21 3	0 11	18 32	1 59	11 1	0 40	19 39	1 39	12 55	10 5	12 30	13 1	3 37	14 4	0 57
W22	11 29	1s35	3 39	8 25	0 49	2 42	2 37	0 21	3 57	21 2	0 11	18 34	1 59	11 0	0 40	19 39	1 39	12 55	10 6	12 32	13 2	3 39	14 6	0 57
T 23	11 49	6 28	4 26	7 56	0 29	2 34	2 28	0 19	3 52	21 1	0 11	18 35	1 59	10 59	0 40	19 38	1 39	12 54	10 6	12 35	13 3	3 41	14 8	0 58
F 24	12 9	10 57	4 55	7 31	0 10	2 26	2 19	0 18	3 47	21 0	0 11	18 36	1 58	10 58	0 40	19 38	1 39	12 54	10 6	12 38	13 4	3 43	14 11	0 58
S 25	12 29	14 39	5 3	7 11	0n 8	2 16	2 11	0 16	3 42	20 58	0 11	18 38	1 58	10 57	0 40	19 38	1 39	12 54	10 6	12 41	13 5	3 45	14 13	0 58
S 26	12 49	17 21	4 50	6 55	0 25	2 7	2 2	0 14	3 37	20 57	0 11	18 39	1 58	10 56	0 40	19 38	1 39	12 53	10 7	12 44	13 7	3 47	14 15	0 58
M27	13 9	18 52	4 19	6 45	0 41	1 56	1 53	0 11	3 32	20 56	0 11	18 40	1 58	10 56	0 40	19 37	1 39	12 53	10 7	12 47	13 8	3 49	14 18	0 59
T 28	13 28	19 13	3 34	6 39	0 55	1 46	1 45	0 8	3 27	20 55	0 11	18 42	1 58	10 55	0 40	19 37	1 39	12 53	10 7	12 49	13 9	3 51	14 20	0 59
W29	13 47	18 27	2 39	6 39	1 8	1 34	1 37	0 5	3 22	20 54	0 11	18 43	1 58	10 54	0 40	19 37	1 39	12 52	10 7	12 49	13 10	3 53	14 22	0 59
T 30	14 6	16 45	1 37	6 43	1 19	1 23	1 29	0 2	3 17	20 53	0 12	18 45	1 58	10 53	0 40	19 37	1 39	12 52	10 8	12 50	13 11	3 55	14 25	1 0
F 31	14s25	14s17	0n32	6s52	1n29	1n11	1s21	0n 2	3s12	20s51	0s12	18s46	1n58	10n52	0s40	19n36	1s39	12n52	10n 8	12n50	13n12	3n57	14s27	1n 0

Julian Day Number = 3069809.5, Delta T = 02h35m54s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'22, Lahiri = 47°35'23

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

NOVEMBER 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 47 54	10♏ 8'41	1♓49	22♎17	24♍43	7°R34	26♑36	3♐47	0°R19	6°R43	20♍59	25°R44	24♌34	20♈32	12♏29	S 1
S 2	2 51 51	11° 7'47	13°49	23°21	25°34	7°D34	26°44	3°54	0♉17	6♊42	21° 1	25♌43	24°31	20°39	12°38	S 2
M 3	2 55 47	12° 6'55	25°42	24°31	26°26	7♈34	26°52	4° 1	0°15	6°40	21° 2	25°39	24°27	20°46	12°47	M 3
T 4	2 59 44	13° 6'04	7♈32	25°46	27°19	7°35	26°59	4° 8	0°12	6°39	21° 3	25°33	24°24	20°52	12°56	T 4
W 5	3 3 40	14° 5'16	19°22	27° 7	28°12	7°37	27° 7	4°15	0°10	6°37	21° 5	25°23	24°21	20°59	13° 4	W 5
T 6	3 7 37	15° 4'29	1♉15	28°32	29° 6	7°40	27°15	4°22	0° 8	6°35	21° 6	25°12	24°18	21° 6	13°13	T 6
F 7	3 11 33	16° 3'44	13°12	0♏ 0	0♎ 1	7°44	27°23	4°29	0° 5	6°34	21° 7	24°58	24°15	21°12	13°22	F 7
S 8	3 15 30	17° 3'01	25°15	1°32	0°56	7°48	27°32	4°36	0° 3	6°32	21° 8	24°44	24°12	21°19	13°30	S 8
S 9	3 19 26	18° 2'20	7♊25	3° 6	1°52	7°53	27°40	4°43	0° 1	6°31	21°10	24°30	24° 8	21°26	13°39	S 9
M10	3 23 23	19° 1'41	19°44	4°42	2°48	7°59	27°49	4°50	29♈59	6°29	21°11	24°18	24° 5	21°32	13°48	M10
T 11	3 27 19	20° 1'04	2♋11	6°20	3°45	8° 5	27°58	4°57	29°56	6°28	21°12	24° 9	24° 2	21°39	13°56	T 11
W12	3 31 16	21° 0'29	14°49	7°59	4°43	8°13	28° 6	5° 4	29°54	6°26	21°13	24° 2	23°59	21°46	14° 5	W12
T 13	3 35 13	21°59'57	27°39	9°39	5°41	8°21	28°15	5°12	29°52	6°24	21°14	23°58	23°56	21°53	14°14	T 13
F 14	3 39 9	22°59'26	10♌46	11°20	6°39	8°30	28°24	5°19	29°50	6°23	21°15	23°57	23°53	21°59	14°22	F 14
S 15	3 43 6	23°58'58	24°10	13° 1	7°38	8°39	28°34	5°26	29°48	6°21	21°16	23°56	23°49	22° 6	14°31	S 15
S 16	3 47 2	24°58'32	7♍55	14°43	8°38	8°49	28°43	5°33	29°45	6°19	21°17	23°56	23°46	22°13	14°39	S 16
M17	3 50 59	25°58'08	22° 3	16°25	9°38	9° 0	28°52	5°40	29°43	6°18	21°18	23°55	23°43	22°19	14°48	M17
T 18	3 54 55	26°57'47	6♎32	18° 6	10°38	9°12	29° 2	5°48	29°41	6°16	21°19	23°51	23°40	22°26	14°57	T 18
W19	3 58 52	27°57'28	21°20	19°48	11°39	9°24	29°12	5°55	29°39	6°15	21°20	23°44	23°37	22°33	15° 5	W19
T 20	4 2 48	28°57'10	6♏20	21°30	12°40	9°37	29°21	6° 2	29°37	6°13	21°21	23°35	23°33	22°39	15°14	T 20
F 21	4 6 45	29°56'55	21°24	23°11	13°42	9°50	29°31	6° 9	29°35	6°11	21°22	23°24	23°30	22°46	15°22	F 21
S 22	4 10 42	0♐56'42	6♐22	24°52	14°44	10° 5	29°41	6°17	29°33	6° 9	21°23	23°12	23°27	22°53	15°31	S 22
S 23	4 14 38	1°56'31	21° 5	26°32	15°46	10°20	29°52	6°24	29°31	6° 8	21°24	23° 1	23°24	23° 0	15°39	S 23
M24	4 18 35	2°56'21	5♑24	28°12	16°49	10°35	0♒ 2	6°31	29°29	6° 6	21°25	22°52	23°21	23° 6	15°48	M24
T 25	4 22 31	3°56'14	19°15	29°52	17°52	10°51	0°12	6°39	29°28	6° 4	21°25	22°46	23°18	23°13	15°56	T 25
W26	4 26 28	4°56'07	2♒37	1♐31	18°55	11° 8	0°23	6°46	29°26	6° 3	21°26	22°42	23°14	23°20	16° 4	W26
T 27	4 30 24	5°56'03	15°33	3°10	19°59	11°25	0°33	6°53	29°24	6° 1	21°27	22°41	23°11	23°26	16°13	T 27
F 28	4 34 21	6°56'00	28° 5	4°49	21° 3	11°43	0°44	7° 0	29°22	5°59	21°28	22°D41	23° 8	23°33	16°21	F 28
S 29	4 38 18	7°55'58	10♓18	6°27	22° 7	12° 1	0°54	7° 8	29°20	5°58	21°28	22°R41	23° 5	23°40	16°30	S 29
S 30	4 42 14	8♐55'58	22♓19	8♐ 4	23♎12	12♈20	1♒ 5	7♐15	29♈19	5♊56	21♍29	22♌40	23♌ 2	23♈47	16♏38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s44	11s14	0s32	7s 5	1n38	0n58	1s13	0n 6	3s 7	20s50	0s12	18s47	1n58	10n52	0s40	19n36	1s39	12n52	10n 8	12n50	13n13	3n59	14s29	1n 0
S 2	15 2	7 46	1 34	7 22	1 45	0 45	1 5	0 11	3 2	20 49	0 12	18 49	1 57	10 51	0 40	19 36	1 39	12 51	10 9	12 50	13 14	4 1	14 32	1 1
M 3	15 20	4 1	2 32	7 42	1 50	0 31	0 58	0 15	2 58	20 47	0 12	18 50	1 57	10 50	0 40	19 36	1 39	12 51	10 9	12 51	13 15	4 3	14 34	1 1
T 4	15 38	0 8	3 22	8 5	1 54	0 17	0 50	0 20	2 53	20 46	0 12	18 51	1 57	10 49	0 40	19 35	1 39	12 51	10 9	12 53	13 16	4 5	14 36	1 1
W 5	15 55	3n45	4 4	8 31	1 58	0 3	0 43	0 25	2 48	20 44	0 12	18 53	1 57	10 48	0 40	19 35	1 39	12 51	10 9	12 56	13 17	4 7	14 38	1 2
T 6	16 13	7 30	4 35	8 59	2 0	0s12	0 36	0 31	2 43	20 43	0 12	18 54	1 57	10 48	0 40	19 35	1 39	12 50	10 10	13 0	13 18	4 9	14 41	1 2
F 7	16 30	10 59	4 54	9 29	2 0	0 27	0 29	0 37	2 38	20 41	0 12	18 55	1 57	10 47	0 40	19 34	1 39	12 50	10 10	13 5	13 19	4 11	14 43	1 2
S 8	16 46	14 3	5 0	10 1	2 0	0 43	0 22	0 42	2 34	20 40	0 12	18 57	1 57	10 46	0 40	19 34	1 39	12 50	10 10	13 10	13 20	4 13	14 45	1 3
S 9	17 3	16 32	4 52	10 34	2 0	0 59	0 16	0 49	2 29	20 38	0 12	18 58	1 57	10 45	0 40	19 34	1 39	12 50	10 11	13 14	13 21	4 15	14 47	1 3
M10	17 19	18 19	4 31	11 7	1 58	1 15	0 9	0 55	2 24	20 37	0 12	19 0	1 57	10 44	0 40	19 34	1 39	12 50	10 11	13 18	13 22	4 17	14 50	1 3
T 11	17 35	19 15	3 57	11 41	1 56	1 31	0 3	1 2	2 20	20 35	0 12	19 1	1 57	10 44	0 40	19 33	1 39	12 49	10 11	13 21	13 23	4 19	14 52	1 4
W12	17 51	19 15	3 11	12 16	1 52	1 48	0n 4	1 9	2 15	20 33	0 12	19 2	1 57	10 43	0 40	19 33	1 39	12 49	10 12	13 23	13 24	4 21	14 54	1 4
T 13	18 6	18 15	2 14	12 51	1 49	2 5	0 10	1 16	2 11	20 31	0 12	19 4	1 56	10 42	0 40	19 33	1 39	12 49	10 12	13 25	13 25	4 23	14 56	1 4
F 14	18 21	16 16	1 9	13 26	1 45	2 23	0 16	1 24	2 7	20 30	0 13	19 5	1 56	10 41	0 40	19 33	1 39	12 49	10 12	13 25	13 26	4 25	14 59	1 5
S 15	18 36	13 22	0n 1	14 1	1 40	2 41	0 21	1 31	2 2	20 28	0 13	19 6	1 56	10 41	0 40	19 32	1 39	12 49	10 13	13 25	13 27	4 27	15 1	1 5
S 16	18 50	9 39	1 13	14 35	1 35	2 59	0 27	1 39	1 58	20 26	0 13	19 7	1 56	10 40	0 40	19 32	1 39	12 49	10 13	13 25	13 28	4 29	15 3	1 5
M17	19 4	5 19	2 23	15 9	1 30	3 17	0 33	1 47	1 54	20 24	0 13	19 9	1 56	10 39	0 40	19 32	1 39	12 49	10 13	13 26	13 30	4 31	15 5	1 6
T 18	19 18	0 34	3 25	15 43	1 24	3 35	0 38	1 56	1 50	20 22	0 13	19 10	1 56	10 39	0 40	19 31	1 39	12 49	10 14	13 27	13 31	4 33	15 7	1 6
W19	19 31	4s18	4 14	16 16	1 19	3 54	0 43	2 4	1 46	20 20	0 13	19 11	1 56	10 38	0 39	19 31	1 39	12 49	10 14	13 29	13 32	4 35	15 9	1 6
T 20	19 44	8 59	4 47	16 48	1 12	4 13	0 48	2 13	1 42	20 18	0 13	19 13	1 56	10 37	0 39	19 31	1 39	12 48	10 14	13 32	13 33	4 37	15 11	1 7
F 21	19 57	13 7	5 0	17 20	1 6	4 32	0 53	2 22	1 38	20 17	0 13	19 14	1 56	10 37	0 39	19 31	1 39	12 48	10 15	13 36	13 34	4 40	15 14	1 7
S 22	20 10	16 22	4 53	17 50	1 0	4 51	0 58	2 31	1 34	20 14	0 13	19 15	1 56	10 36	0 39	19 30	1 39	12 48	10 15	13 40	13 35	4 42	15 16	1 7
S 23	20 22	18 30	4 26	18 20	0 53	5 11	1 3	2 40	1 30	20 12	0 13	19 16	1 56	10 35	0 39	19 30	1 39	12 48	10 15	13 43	13 36	4 44	15 18	1 8
M24	20 33	19 24	3 42	18 49	0 46	5 30	1 7	2 50	1 26	20 10	0 13	19 18	1 56	10 35	0 39	19 30	1 39	12 48	10 16	13 46	13 37	4 46	15 20	1 8
T 25	20 45	19 6	2 47	19 17	0 40	5 50	1 12	2 59	1 22	20 8	0 13	19 19	1 56	10 34	0 39	19 29	1 39	12 48	10 16	13 48	13 38	4 48	15 22	1 8
W26	20 55	17 42	1 44	19 44	0 33	6 10	1 16	3 9	1 19	20 6	0 13	19 20	1 56	10 33	0 39	19 29	1 39	12 48	10 16	13 49	13 39	4 50	15 24	1 9
T 27	21 6	15 26	0 38	20 10	0 26	6 30	1 20	3 19	1 15	20 4	0 13	19 21	1 56	10 33	0 39	19 29	1 39	12 48	10 17	13 50	13 40	4 52	15 26	1 9
F 28	21 16	12 29	0s29	20 35	0 19	6 50	1 24	3 29	1 12	20 2	0 13	19 23	1 56	10 32	0 39	19 29	1 39	12 48	10 17	13 50	13 41	4 54	15 28	1 9
S 29	21 26	9 4	1 32	20 59	0 12	7 10	1 28	3 40	1 8	19 59	0 13	19 24	1 56	10 32	0 39	19 28	1 39	12 49	10 17	13 50	13 42	4 56	15 30	1 10
S 30	21s35	5s20	2s30	21s22	0n 5	7s31	1n32	3n50	1s 5	19s57	0s14	19s25	1n56	10n31	0s39	19n28	1s39	12n49	10n18	13n50	13n43	4n58	15s32	1n10

Julian Day Number = 3069840.5, Delta T = 02h35m55s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'27, Lahiri = 47°35'27

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ASTRODIENST EPHEMERIS for the year 3692
geocentric

DECEMBER 3692 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 46 11	9♐55'59	4♈11	9♐42	24♎16	12♈40	1♒16	7♐22	29°R17	5°R54	21♍30	22°R37	22♌59	23♈53	16♏46	M 1
T 2	4 50 7	10°56'02	16° 1	11°18	25°22	13° 0	1°27	7°30	29♈15	5♊53	21°30	22♌32	22°55	24° 0	16°54	T 2
W 3	4 54 4	11°56'07	27°52	12°55	26°27	13°20	1°38	7°37	29°14	5°51	21°31	22°24	22°52	24° 7	17° 3	W 3
T 4	4 58 0	12°56'13	9♉48	14°31	27°33	13°41	1°50	7°44	29°12	5°49	21°31	22°14	22°49	24°13	17°11	T 4
F 5	5 1 57	13°56'21	21°52	16° 7	28°39	14° 2	2° 1	7°51	29°11	5°48	21°32	22° 1	22°46	24°20	17°19	F 5
S 6	5 5 53	14°56'30	4♊ 5	17°42	29°45	14°24	2°12	7°59	29° 9	5°46	21°32	21°49	22°43	24°27	17°27	S 6
S 7	5 9 50	15°56'41	16°28	19°17	0♏51	14°47	2°24	8° 6	29° 8	5°44	21°33	21°36	22°39	24°33	17°35	S 7
M 8	5 13 47	16°56'54	29° 2	20°52	1°58	15°10	2°35	8°13	29° 7	5°43	21°33	21°25	22°36	24°40	17°43	M 8
T 9	5 17 43	17°57'08	11♋46	22°26	3° 5	15°33	2°47	8°20	29° 5	5°41	21°34	21°17	22°33	24°47	17°51	T 9
W10	5 21 40	18°57'24	24°41	24° 0	4°12	15°56	2°59	8°28	29° 4	5°39	21°34	21°11	22°30	24°54	17°59	W10
T 11	5 25 36	19°57'42	7♌47	25°34	5°19	16°20	3°10	8°35	29° 3	5°38	21°34	21° 8	22°27	25° 0	18° 7	T 11
F 12	5 29 33	20°58'02	21° 5	27° 7	6°27	16°45	3°22	8°42	29° 1	5°36	21°35	21°D 7	22°24	25° 7	18°15	F 12
S 13	5 33 29	21°58'23	4♍35	28°41	7°35	17°10	3°34	8°49	29° 0	5°35	21°35	21° 7	22°20	25°14	18°22	S 13
S 14	5 37 26	22°58'46	18°19	0♎14	8°43	17°35	3°46	8°56	28°59	5°33	21°35	21°R 8	22°17	25°20	18°30	S 14
M15	5 41 22	23°59'12	2♎19	1°47	9°51	18° 0	3°58	9° 4	28°58	5°31	21°35	21° 8	22°14	25°27	18°38	M15
T 16	5 45 19	24°59'38	16°32	3°19	10°59	18°26	4°11	9°11	28°57	5°30	21°36	21° 6	22°11	25°34	18°45	T 16
W17	5 49 16	26° 0'07	0♏59	4°52	12° 8	18°53	4°23	9°18	28°56	5°28	21°36	21° 1	22° 8	25°41	18°53	W17
T 18	5 53 12	27° 0'38	15°34	6°24	13°17	19°19	4°35	9°25	28°55	5°27	21°36	20°55	22° 5	25°47	19° 1	T 18
F 19	5 57 9	28° 1'10	0♐14	7°56	14°26	19°46	4°47	9°32	28°54	5°25	21°36	20°47	22° 1	25°54	19° 8	F 19
S 20	6 1 5	29° 1'44	14°49	9°28	15°35	20°13	5° 0	9°39	28°53	5°24	21°36	20°38	21°58	26° 1	19°16	S 20
S 21	6 5 2	0♑ 2'19	29°14	11° 0	16°44	20°41	5°12	9°46	28°52	5°22	21°36	20°30	21°55	26° 7	19°23	S 21
M22	6 8 58	1° 2'56	13♑21	12°32	17°54	21° 9	5°25	9°53	28°52	5°21	21°R36	20°23	21°52	26°14	19°30	M22
T 23	6 12 55	2° 3'34	27° 6	14° 3	19° 3	21°37	5°38	10° 0	28°51	5°19	21°36	20°18	21°49	26°21	19°38	T 23
W24	6 16 51	3° 4'13	10♒27	15°34	20°13	22° 6	5°50	10° 7	28°50	5°18	21°36	20°16	21°45	26°28	19°45	W24
T 25	6 20 48	4° 4'53	23°24	17° 5	21°23	22°35	6° 3	10°14	28°50	5°16	21°36	20°D15	21°42	26°34	19°52	T 25
F 26	6 24 45	5° 5'34	5♓59	18°36	22°33	23° 4	6°16	10°21	28°49	5°15	21°36	20°16	21°39	26°41	19°59	F 26
S 27	6 28 41	6° 6'16	18°15	20° 7	23°43	23°33	6°29	10°27	28°48	5°13	21°36	20°18	21°36	26°48	20° 6	S 27
S 28	6 32 38	7° 6'59	0♈19	21°37	24°53	24° 3	6°42	10°34	28°48	5°12	21°36	20°19	21°33	26°54	20°13	S 28
M29	6 36 34	8° 7'43	12°13	23° 7	26° 4	24°33	6°55	10°41	28°48	5°11	21°35	20°R19	21°30	27° 1	20°20	M29
T 30	6 40 31	9° 8'28	24° 4	24°36	27°14	25° 3	7° 8	10°48	28°47	5° 9	21°35	20°18	21°26	27° 8	20°27	T 30
W31	6 44 27	10♑ 9'13	5♉57	26♑ 5	28♏25	25♈33	7♒21	10♐54	28♈47	5♊ 8	21♍35	20♌14	21♌23	27♈14	20♏34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s44	1s26	3s21	21s44	0s 2	7s51	1n35	4n 1	1s 1	19s55	0s14	19s26	1n56	10n30	0s39	19n28	1s39	12n49	10n18	13n51	13n44	5n 0	15s34	1n11
T 2	21 53	2n30	4 3	22 4	0 8	8 11	1 39	4 11	0 58	19 53	0 14	19 28	1 56	10 30	0 39	19 27	1 39	12 49	10 19	13 53	13 45	5 2	15 36	1 11
W 3	22 1	6 20	4 35	22 24	0 15	8 32	1 42	4 22	0 55	19 50	0 14	19 29	1 56	10 29	0 39	19 27	1 39	12 49	10 19	13 55	13 46	5 4	15 38	1 11
T 4	22 9	9 57	4 55	22 42	0 22	8 52	1 45	4 33	0 52	19 48	0 14	19 30	1 56	10 29	0 39	19 27	1 39	12 49	10 19	13 59	13 47	5 6	15 40	1 12
F 5	22 16	13 12	5 2	22 59	0 29	9 12	1 48	4 44	0 49	19 45	0 14	19 31	1 56	10 28	0 39	19 27	1 39	12 49	10 20	14 2	13 48	5 8	15 42	1 12
S 6	22 23	15 56	4 55	23 15	0 35	9 33	1 51	4 56	0 46	19 43	0 14	19 32	1 56	10 28	0 39	19 26	1 39	12 49	10 20	14 7	13 49	5 10	15 44	1 12
S 7	22 29	17 59	4 34	23 29	0 42	9 53	1 54	5 7	0 43	19 40	0 14	19 33	1 55	10 27	0 39	19 26	1 39	12 49	10 20	14 10	13 50	5 12	15 45	1 13
M 8	22 35	19 13	4 0	23 43	0 48	10 14	1 56	5 18	0 40	19 38	0 14	19 34	1 55	10 27	0 39	19 26	1 39	12 50	10 21	14 14	13 51	5 14	15 47	1 13
T 9	22 41	19 30	3 13	23 55	0 54	10 34	1 59	5 30	0 37	19 35	0 14	19 36	1 55	10 26	0 39	19 25	1 39	12 50	10 21	14 17	13 52	5 16	15 49	1 14
W10	22 46	18 46	2 16	24 6	1 1	10 54	2 1	5 42	0 34	19 33	0 14	19 37	1 55	10 26	0 39	19 25	1 39	12 50	10 22	14 19	13 53	5 18	15 51	1 14
T 11	22 51	17 1	1 11	24 15	1 7	11 14	2 3	5 53	0 31	19 30	0 14	19 38	1 55	10 26	0 39	19 25	1 39	12 50	10 22	14 20	13 54	5 20	15 53	1 14
F 12	22 55	14 20	0 0	24 24	1 12	11 34	2 5	6 5	0 28	19 27	0 14	19 39	1 55	10 25	0 39	19 25	1 39	12 50	10 22	14 20	13 55	5 22	15 54	1 15
S 13	22 59	10 51	1n11	24 31	1 18	11 54	2 7	6 17	0 26	19 25	0 14	19 40	1 55	10 25	0 39	19 24	1 39	12 51	10 23	14 20	13 56	5 24	15 56	1 15
S 14	23 2	6 44	2 20	24 37	1 24	12 14	2 9	6 29	0 23	19 22	0 14	19 41	1 56	10 25	0 39	19 24	1 39	12 51	10 23	14 19	13 57	5 26	15 58	1 15
M15	23 5	2 11	3 22	24 42	1 29	12 34	2 11	6 41	0 21	19 19	0 15	19 42	1 56	10 24	0 39	19 24	1 39	12 51	10 23	14 19	13 58	5 28	16 0	1 16
T 16	23 8	2s33	4 12	24 45	1 34	12 53	2 12	6 53	0 18	19 16	0 15	19 43	1 56	10 24	0 39	19 24	1 39	12 51	10 24	14 20	13 59	5 30	16 1	1 16
W17	23 10	7 12	4 48	24 47	1 39	13 13	2 14	7 5	0 16	19 14	0 15	19 44	1 56	10 23	0 39	19 23	1 39	12 52	10 24	14 21	14 0	5 32	16 3	1 17
T 18	23 11	11 29	5 4	24 48	1 44	13 32	2 15	7 17	0 13	19 11	0 15	19 45	1 56	10 23	0 39	19 23	1 39	12 52	10 25	14 24	14 1	5 34	16 5	1 17
F 19	23 12	15 5	5 2	24 47	1 48	13 51	2 16	7 30	0 11	19 8	0 15	19 46	1 56	10 23	0 39	19 23	1 39	12 52	10 25	14 26	14 2	5 36	16 6	1 18
S 20	23 13	17 44	4 39	24 46	1 53	14 10	2 17	7 42	0 8	19 5	0 15	19 47	1 56	10 23	0 39	19 23	1 39	12 53	10 25	14 29	14 3	5 38	16 8	1 18
S 21	23 13	19 14	3 59	24 43	1 57	14 28	2 18	7 55	0 6	19 2	0 15	19 48	1 56	10 22	0 39	19 22	1 39	12 53	10 26	14 31	14 4	5 40	16 9	1 18
M22	23 13	19 29	3 5	24 38	2 1	14 47	2 19	8 7	0 4	18 59	0 15	19 49	1 56	10 22	0 38	19 22	1 39	12 53	10 26	14 34	14 5	5 42	16 11	1 19
T 23	23 12	18 33	2 2	24 33	2 4	15 5	2 20	8 20	0 2	18 56	0 15	19 50	1 56	10 22	0 38	19 22	1 39	12 54	10 26	14 35	14 6	5 44	16 12	1 19
W24	23 11	16 37	0 53	24 26	2 7	15 23	2 20	8 32	0n 0	18 53	0 15	19 51	1 56	10 22	0 38	19 22	1 39	12 54	10 27	14 36	14 8	5 46	16 14	1 20
T 25	23 9	13 52	0s17	24 18	2 10	15 40	2 21	8 45	0 3	18 50	0 15	19 52	1 56	10 22	0 38	19 22	1 39	12 54	10 27	14 36	14 9	5 48	16 15	1 20
F 26	23 7	10 32	1 24	24 8	2 13	15 58	2 21	8 57	0 5	18 47	0 15	19 53	1 56	10 21	0 38	19 21	1 39	12 55	10 28	14 36	14 10	5 50	16 17	1 20
S 27	23 5	6 50	2 26	23 57	2 15	16 15	2 21	9 10	0 7	18 44	0 15	19 54	1 56	10 21	0 38	19 21	1 39	12 55	10 28	14 35	14 11	5 52	16 18	1 21
S 28	23 2	2 56	3 20	23 45	2 17	16 31	2 21	9 23	0 9	18 41	0 15	19 55	1 56	10 21	0 38	19 21	1 39	12 56	10 28	14 35	14 12	5 54	16 20	1 21
M29	22 58	1n 2	4 4	23 32	2 19	16 48	2 21	9 35	0 11	18 37	0 15	19 56	1 56	10 21	0 38	19 21	1 39	12 56	10 29	14 35	14 13	5 56	16 21	1 22
T 30	22 54	4 56	4 38	23 18	2 20	17 4	2 21	9 48	0 12	18 34	0 16	19 57	1 56	10 21	0 38	19 20	1 39	12 56	10 29	14 35	14 14	5 58	16 23	1 22
W31	22s50	8n39	5s 1	23s 2	2s20	17s20	2n21	10n 1	0n14	18s31	0s16	19s57	1n56	10n21	0s38	19n20	1s39	12n57	10n29	14n36	14n15	6n 0	16s24	1n23

Julian Day Number = 3069870.5, Delta T = 02h35m56s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'31, Lahiri = 47°35'31

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

JANUARY 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 48 24	11♉10'00	17♉55	27♉33	29♏36	26♈ 4	7♒34	11♐ 1	28°R47	5°R 7	21°R35	20°R 9	21♌20	27♈21	20♏40	T 1
F 2	6 52 21	12°10'47	0♊ 4	29° 1	0♐47	26°35	7°47	11° 8	28♈46	5♊ 5	21♍34	20♌ 3	21°17	27°28	20°47	F 2
S 3	6 56 17	13°11'35	12°24	0♒28	1°58	27° 6	8° 0	11°14	28°46	5° 4	21°34	19°56	21°14	27°35	20°53	S 3
S 4	7 0 14	14°12'24	24°59	1°54	3° 9	27°37	8°14	11°21	28°46	5° 3	21°34	19°50	21°11	27°41	21° 0	S 4
M 5	7 4 10	15°13'14	7♋48	3°19	4°20	28° 9	8°27	11°27	28°46	5° 2	21°33	19°44	21° 7	27°48	21° 6	M 5
T 6	7 8 7	16°14'05	20°53	4°43	5°31	28°40	8°40	11°34	28°D46	5° 1	21°33	19°39	21° 4	27°55	21°13	T 6
W 7	7 12 3	17°14'57	4♌11	6° 5	6°43	29°12	8°54	11°40	28°46	4°59	21°32	19°37	21° 1	28° 1	21°19	W 7
T 8	7 16 0	18°15'50	17°41	7°25	7°54	29°44	9° 7	11°47	28°46	4°58	21°32	19°D36	20°58	28° 8	21°25	T 8
F 9	7 19 56	19°16'43	1♍22	8°44	9° 6	0♉17	9°21	11°53	28°46	4°57	21°31	19°36	20°55	28°15	21°31	F 9
S 10	7 23 53	20°17'38	15°12	10° 0	10°18	0°49	9°34	11°59	28°47	4°56	21°31	19°37	20°51	28°22	21°37	S 10
S 11	7 27 50	21°18'33	29°10	11°13	11°29	1°22	9°48	12° 5	28°47	4°55	21°30	19°39	20°48	28°28	21°43	S 11
M12	7 31 46	22°19'30	13♎14	12°23	12°41	1°55	10° 1	12°12	28°47	4°54	21°30	19°40	20°45	28°35	21°49	M12
T 13	7 35 43	23°20'28	27°23	13°30	13°53	2°28	10°15	12°18	28°47	4°53	21°29	19°R40	20°42	28°42	21°55	T 13
W14	7 39 39	24°21'26	11♏35	14°32	15° 5	3° 1	10°28	12°24	28°48	4°52	21°28	19°39	20°39	28°48	22° 0	W14
T 15	7 43 36	25°22'26	25°49	15°29	16°18	3°34	10°42	12°30	28°48	4°51	21°28	19°37	20°36	28°55	22° 6	T 15
F 16	7 47 32	26°23'26	10♐ 0	16°20	17°30	4° 8	10°56	12°36	28°49	4°50	21°27	19°34	20°32	29° 2	22°12	F 16
S 17	7 51 29	27°24'28	24° 5	17° 5	18°42	4°41	11°10	12°42	28°49	4°49	21°26	19°31	20°29	29° 9	22°17	S 17
S 18	7 55 25	28°25'30	8♑ 1	17°43	19°55	5°15	11°23	12°47	28°50	4°48	21°26	19°28	20°26	29°15	22°22	S 18
M19	7 59 22	29°26'32	21°44	18°12	21° 7	5°49	11°37	12°53	28°51	4°48	21°25	19°25	20°23	29°22	22°28	M19
T 20	8 3 19	0♒27'35	5♒11	18°32	22°20	6°23	11°51	12°59	28°51	4°47	21°24	19°23	20°20	29°29	22°33	T 20
W21	8 7 15	1°28'39	18°19	18°R42	23°32	6°57	12° 5	13° 5	28°52	4°46	21°23	19°D23	20°17	29°35	22°38	W21
T 22	8 11 12	2°29'43	1♓10	18°41	24°45	7°32	12°19	13°10	28°53	4°45	21°22	19°23	20°13	29°42	22°43	T 22
F 23	8 15 8	3°30'46	13°42	18°29	25°58	8° 6	12°32	13°16	28°54	4°45	21°21	19°24	20°10	29°49	22°48	F 23
S 24	8 19 5	4°31'50	25°59	18° 5	27°11	8°41	12°46	13°21	28°55	4°44	21°20	19°26	20° 7	29°56	22°52	S 24
S 25	8 23 1	5°32'54	8♈ 4	17°29	28°23	9°16	13° 0	13°27	28°56	4°43	21°20	19°27	20° 4	0♉ 2	22°57	S 25
M26	8 26 58	6°33'58	20° 0	16°42	29°36	9°50	13°14	13°32	28°57	4°43	21°19	19°28	20° 1	0° 9	23° 2	M26
T 27	8 30 54	7°35'02	1♉52	15°44	0♑49	10°25	13°28	13°37	28°58	4°42	21°18	19°29	19°57	0°16	23° 6	T 27
W28	8 34 51	8°36'06	13°45	14°37	2° 2	11° 1	13°42	13°42	28°59	4°41	21°17	19°R29	19°54	0°22	23°11	W28
T 29	8 38 48	9°37'10	25°43	13°23	3°15	11°36	13°56	13°48	29° 0	4°41	21°16	19°28	19°51	0°29	23°15	T 29
F 30	8 42 44	10°38'14	7♊51	12° 4	4°29	12°11	14°10	13°53	29° 1	4°40	21°15	19°27	19°48	0°36	23°19	F 30
S 31	8 46 41	11♒39'17	20♊14	10♒43	5♑42	12♉46	14♒24	13♐58	29♈ 2	4♊40	21♍13	19♌26	19♌45	0♉43	23♏23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s45	12n 3	5s10	22s45	2s20	17s35	2n21	10n14	0n16	18s28	0s16	19s58	1n56	10n21	0s38	19n20	1s39	12n57	10n30	14n38	14n16	6n 2	16s25	1n23
F 2	22 40	15 0	5 5	22 27	2 20	17 50	2 20	10 26	0 18	18 24	0 16	19 59	1 56	10 21	0 38	19 20	1 39	12 58	10 30	14 40	14 17	6 4	16 26	1 24
S 3	22 34	17 20	4 47	22 8	2 19	18 5	2 20	10 39	0 20	18 21	0 16	20 0	1 56	10 21	0 38	19 20	1 39	12 58	10 30	14 42	14 18	6 6	16 28	1 24
S 4	22 28	18 53	4 14	21 48	2 18	18 19	2 19	10 52	0 21	18 18	0 16	20 1	1 56	10 21	0 38	19 20	1 39	12 59	10 31	14 44	14 19	6 8	16 29	1 24
M 5	22 22	19 32	3 28	21 27	2 16	18 33	2 19	11 5	0 23	18 14	0 16	20 2	1 56	10 21	0 38	19 19	1 39	12 59	10 31	14 46	14 20	6 10	16 30	1 25
T 6	22 15	19 8	2 30	21 4	2 14	18 46	2 18	11 17	0 25	18 11	0 16	20 2	1 56	10 21	0 38	19 19	1 39	13 0	10 32	14 47	14 21	6 12	16 31	1 25
W 7	22 7	17 41	1 23	20 41	2 10	18 59	2 17	11 30	0 26	18 8	0 16	20 3	1 57	10 21	0 38	19 19	1 39	13 0	10 32	14 48	14 22	6 14	16 33	1 26
T 8	21 59	15 14	0 10	20 17	2 7	19 11	2 16	11 43	0 28	18 4	0 16	20 4	1 57	10 21	0 38	19 19	1 39	13 1	10 32	14 48	14 23	6 16	16 34	1 26
F 9	21 51	11 53	1n 4	19 52	2 2	19 23	2 15	11 56	0 29	18 1	0 16	20 5	1 57	10 21	0 38	19 19	1 38	13 1	10 33	14 48	14 24	6 18	16 35	1 27
S 10	21 42	7 52	2 16	19 27	1 56	19 35	2 14	12 8	0 31	17 57	0 16	20 5	1 57	10 21	0 38	19 19	1 38	13 2	10 33	14 48	14 25	6 20	16 36	1 27
S 11	21 33	3 24	3 20	19 1	1 50	19 46	2 12	12 21	0 32	17 54	0 16	20 6	1 57	10 21	0 38	19 18	1 38	13 2	10 33	14 47	14 26	6 22	16 37	1 28
M12	21 23	1s17	4 13	18 35	1 43	19 57	2 11	12 34	0 34	17 50	0 16	20 7	1 57	10 21	0 38	19 18	1 38	13 3	10 34	14 47	14 27	6 24	16 38	1 28
T 13	21 13	5 55	4 51	18 8	1 35	20 7	2 10	12 46	0 35	17 47	0 17	20 8	1 57	10 21	0 38	19 18	1 38	13 3	10 34	14 47	14 28	6 26	16 39	1 29
W14	21 3	10 14	5 11	17 42	1 26	20 16	2 8	12 59	0 37	17 43	0 17	20 8	1 57	10 22	0 38	19 18	1 38	13 4	10 34	14 47	14 29	6 29	16 40	1 29
T 15	20 52	13 58	5 12	17 15	1 16	20 25	2 6	13 11	0 38	17 40	0 17	20 9	1 57	10 22	0 38	19 18	1 38	13 5	10 35	14 48	14 30	6 31	16 41	1 30
F 16	20 41	16 53	4 54	16 49	1 4	20 34	2 5	13 24	0 39	17 36	0 17	20 10	1 57	10 22	0 38	19 18	1 38	13 5	10 35	14 49	14 31	6 33	16 42	1 30
S 17	20 29	18 47	4 19	16 24	0 52	20 42	2 3	13 36	0 41	17 32	0 17	20 10	1 57	10 22	0 38	19 18	1 38	13 6	10 35	14 50	14 32	6 35	16 43	1 31
S 18	20 17	19 31	3 28	16 0	0 39	20 50	2 1	13 49	0 42	17 29	0 17	20 11	1 57	10 23	0 37	19 18	1 38	13 6	10 36	14 51	14 33	6 37	16 44	1 31
M19	20 5	19 4	2 27	15 37	0 24	20 56	1 59	14 1	0 43	17 25	0 17	20 12	1 58	10 23	0 37	19 17	1 38	13 7	10 36	14 52	14 34	6 39	16 44	1 31
T 20	19 52	17 33	1 18	15 16	0 8	21 3	1 57	14 13	0 44	17 21	0 17	20 12	1 58	10 23	0 37	19 17	1 38	13 8	10 36	14 52	14 35	6 41	16 45	1 32
W21	19 39	15 6	0 6	14 57	0n 8	21 9	1 55	14 26	0 46	17 17	0 17	20 13	1 58	10 23	0 37	19 17	1 38	13 8	10 37	14 52	14 36	6 43	16 46	1 32
T 22	19 25	11 58	1s 5	14 41	0 26	21 14	1 53	14 38	0 47	17 14	0 17	20 13	1 58	10 24	0 37	19 17	1 38	13 9	10 37	14 52	14 37	6 45	16 47	1 33
F 23	19 11	8 22	2 10	14 27	0 44	21 19	1 51	14 50	0 48	17 10	0 17	20 14	1 58	10 24	0 37	19 17	1 38	13 9	10 37	14 52	14 38	6 47	16 48	1 33
S 24	18 57	4 28	3 9	14 16	1 3	21 23	1 49	15 2	0 49	17 6	0 17	20 14	1 58	10 24	0 37	19 17	1 38	13 10	10 38	14 51	14 39	6 49	16 48	1 34
S 25	18 43	0 29	3 58	14 9	1 22	21 26	1 46	15 14	0 50	17 2	0 17	20 15	1 58	10 25	0 37	19 17	1 38	13 11	10 38	14 51	14 40	6 51	16 49	1 34
M26	18 28	3n29	4 36	14 5	1 41	21 29	1 44	15 26	0 51	16 58	0 18	20 15	1 58	10 25	0 37	19 17	1 38	13 11	10 38	14 51	14 41	6 53	16 50	1 35
T 27	18 12	7 17	5 2	14 4	2 0	21 31	1 42	15 38	0 52	16 55	0 18	20 16	1 58	10 26	0 37	19 17	1 38	13 12	10 38	14 51	14 42	6 55	16 50	1 36
W28	17 57	10 48	5 15	14 7	2 17	21 33	1 39	15 50	0 53	16 51	0 18	20 16	1 59	10 26	0 37	19 17	1 38	13 13	10 39	14 51	14 43	6 57	16 51	1 36
T 29	17 41	13 54	5 15	14 12	2 33	21 34	1 37	16 2	0 54	16 47	0 18	20 17	1 59	10 26	0 37	19 17	1 38	13 13	10 39	14 51	14 44	6 59	16 51	1 37
F 30	17 25	16 28	5 1	14 20	2 47	21 34	1 34	16 14	0 55	16 43	0 18	20 17	1 59	10 27	0 37	19 17	1 37	13 14	10 39	14 51	14 45	7 1	16 52	1 37
S 31	17s 8	18n20	4s32	14s31	2n59	21s34	1n32	16n25	0n56	16s39	0s18	20s18	1n59	10n27	0s37	19n17	1s37	13n15	10n40	14n51	14n46	7n 3	16s52	1n38

Julian Day Number = 3069901.5, Delta T = 02h35m57s
Ecliptic obliquity = 23°13'10, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'35, Lahiri = 47°35'36

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

FEBRUARY 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 50 37	12♒40'21	2♋54	9°R22	6♉55	13♉22	14♒38	14♐ 3	29♈ 4	4°R40	21°R12	19°R25	19♌42	0♉49	23♏27	S 1
M 2	8 54 34	13°41'24	15°53	8♒ 5	8° 8	13°58	14°52	14° 7	29° 5	4♊39	21♍11	19♌24	19°38	0°56	23°31	M 2
T 3	8 58 30	14°42'27	29°13	6°52	9°22	14°33	15° 6	14°12	29° 6	4°39	21°10	19°24	19°35	1° 3	23°35	T 3
W 4	9 2 27	15°43'29	12♌52	5°47	10°35	15° 9	15°20	14°17	29° 8	4°39	21° 9	19°D24	19°32	1° 9	23°38	W 4
T 5	9 6 23	16°44'32	26°49	4°50	11°48	15°45	15°34	14°21	29° 9	4°38	21° 8	19°24	19°29	1°16	23°42	T 5
F 6	9 10 20	17°45'34	10♍59	4° 2	13° 2	16°21	15°48	14°26	29°11	4°38	21° 7	19°24	19°26	1°23	23°45	F 6
S 7	9 14 17	18°46'36	25°18	3°24	14°15	16°57	16° 2	14°30	29°13	4°38	21° 6	19°24	19°22	1°30	23°49	S 7
S 8	9 18 13	19°47'38	9♎42	2°56	15°29	17°33	16°16	14°35	29°14	4°38	21° 4	19°R24	19°19	1°36	23°52	S 8
M 9	9 22 10	20°48'41	24° 6	2°37	16°42	18° 9	16°29	14°39	29°16	4°38	21° 3	19°24	19°16	1°43	23°55	M 9
T 10	9 26 6	21°49'43	8♏25	2°28	17°56	18°45	16°43	14°43	29°18	4°37	21° 2	19°24	19°13	1°50	23°58	T 10
W11	9 30 3	22°50'45	22°37	2°D28	19°10	19°22	16°57	14°47	29°19	4°37	21° 1	19°D24	19°10	1°56	24° 1	W11
T 12	9 33 59	23°51'47	6♐39	2°35	20°23	19°58	17°11	14°52	29°21	4°37	20°59	19°24	19° 7	2° 3	24° 4	T 12
F 13	9 37 56	24°52'49	20°31	2°51	21°37	20°35	17°25	14°55	29°23	4°D37	20°58	19°24	19° 3	2°10	24° 7	F 13
S 14	9 41 52	25°53'51	4♑11	3°13	22°51	21°11	17°39	14°59	29°25	4°37	20°57	19°25	19° 0	2°17	24° 9	S 14
S 15	9 45 49	26°54'53	17°39	3°41	24° 5	21°48	17°53	15° 3	29°27	4°37	20°55	19°25	18°57	2°23	24°12	S 15
M16	9 49 46	27°55'54	0♒54	4°16	25°18	22°24	18° 7	15° 7	29°29	4°37	20°54	19°26	18°54	2°30	24°14	M16
T 17	9 53 42	28°56'55	13°56	4°55	26°32	23° 1	18°21	15°10	29°31	4°38	20°53	19°R27	18°51	2°37	24°16	T 17
W18	9 57 39	29°57'55	26°44	5°39	27°46	23°38	18°35	15°14	29°33	4°38	20°51	19°26	18°48	2°43	24°18	W18
T 19	10 1 35	0♓58'55	9♓20	6°28	29° 0	24°15	18°49	15°17	29°35	4°38	20°50	19°26	18°44	2°50	24°20	T 19
F 20	10 5 32	1°59'54	21°44	7°20	0♒14	24°52	19° 2	15°21	29°37	4°38	20°49	19°25	18°41	2°57	24°22	F 20
S 21	10 9 28	3° 0'52	3♈56	8°15	1°28	25°29	19°16	15°24	29°39	4°39	20°47	19°23	18°38	3° 4	24°24	S 21
S 22	10 13 25	4° 1'49	15°58	9°14	2°42	26° 6	19°30	15°27	29°42	4°39	20°46	19°20	18°35	3°10	24°26	S 22
M23	10 17 21	5° 2'46	27°54	10°16	3°56	26°43	19°44	15°30	29°44	4°39	20°44	19°18	18°32	3°17	24°27	M23
T 24	10 21 18	6° 3'41	9♉46	11°20	5°10	27°20	19°58	15°33	29°46	4°40	20°43	19°16	18°28	3°24	24°28	T 24
W25	10 25 15	7° 4'35	21°38	12°27	6°24	27°57	20°11	15°36	29°49	4°40	20°41	19°14	18°25	3°30	24°30	W25
T 26	10 29 11	8° 5'29	3♊34	13°35	7°38	28°34	20°25	15°39	29°51	4°40	20°40	19°D13	18°22	3°37	24°31	T 26
F 27	10 33 8	9° 6'21	15°39	14°46	8°52	29°11	20°39	15°42	29°53	4°41	20°39	19°13	18°19	3°44	24°32	F 27
S 28	10 37 4	10♓ 7'12	27♊59	15♒59	10♒ 6	29♉49	20♒52	15♐44	29♈56	4♊41	20♍37	19♌14	18♌16	3♉51	24♏33	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s51	19n21	3s50	14s43	3n 8	21s34	1n29	16n37	0n57	16s35	0s18	20s18	1n59	10n28	0s37	19n17	1s37	13n15	10n40	14n52	14n47	7n 5	16s53	1n38
M 2	16 34	19 23	2 55	14 56	3 15	21 32	1 26	16 48	0 58	16 31	0 18	20 19	1 59	10 28	0 37	19 17	1 37	13 16	10 40	14 52	14 48	7 7	16 53	1 39
T 3	16 16	18 20	1 50	15 10	3 19	21 30	1 24	17 0	0 59	16 27	0 18	20 19	1 59	10 29	0 37	19 17	1 37	13 17	10 40	14 52	14 49	7 9	16 54	1 39
W 4	15 59	16 13	0 36	15 24	3 21	21 28	1 21	17 11	1 0	16 23	0 18	20 20	1 59	10 29	0 37	19 17	1 37	13 17	10 41	14 52	14 50	7 11	16 54	1 40
T 5	15 40	13 6	0n41	15 38	3 21	21 24	1 18	17 22	1 1	16 19	0 18	20 20	2 0	10 30	0 37	19 17	1 37	13 18	10 41	14 52	14 51	7 13	16 54	1 40
F 6	15 22	9 11	1 57	15 52	3 18	21 20	1 15	17 33	1 1	16 15	0 18	20 20	2 0	10 31	0 37	19 17	1 37	13 19	10 41	14 52	14 51	7 15	16 55	1 41
S 7	15 4	4 42	3 6	16 5	3 13	21 16	1 12	17 44	1 2	16 11	0 19	20 21	2 0	10 31	0 37	19 17	1 37	13 19	10 41	14 52	14 52	7 17	16 55	1 41
S 8	14 45	0s 3	4 4	16 17	3 7	21 11	1 9	17 55	1 3	16 7	0 19	20 21	2 0	10 32	0 37	19 17	1 37	13 20	10 42	14 52	14 53	7 19	16 55	1 42
M 9	14 26	4 48	4 47	16 28	3 0	21 5	1 7	18 6	1 4	16 3	0 19	20 21	2 0	10 32	0 37	19 17	1 37	13 21	10 42	14 52	14 54	7 21	16 56	1 42
T 10	14 6	9 15	5 12	16 38	2 52	20 59	1 4	18 17	1 4	15 59	0 19	20 22	2 0	10 33	0 37	19 17	1 37	13 22	10 42	14 52	14 55	7 23	16 56	1 43
W11	13 47	13 9	5 17	16 47	2 43	20 52	1 1	18 27	1 5	15 55	0 19	20 22	2 0	10 34	0 37	19 17	1 37	13 22	10 42	14 52	14 56	7 25	16 56	1 43
T 12	13 27	16 14	5 3	16 55	2 33	20 44	0 58	18 38	1 6	15 51	0 19	20 22	2 1	10 34	0 37	19 17	1 37	13 23	10 43	14 52	14 57	7 27	16 56	1 44
F 13	13 7	18 22	4 32	17 2	2 23	20 36	0 55	18 48	1 7	15 46	0 19	20 23	2 1	10 35	0 37	19 17	1 37	13 24	10 43	14 52	14 58	7 29	16 56	1 45
S 14	12 46	19 24	3 46	17 7	2 12	20 27	0 52	18 58	1 7	15 42	0 19	20 23	2 1	10 36	0 37	19 17	1 37	13 24	10 43	14 52	14 59	7 31	16 56	1 45
S 15	12 26	19 18	2 47	17 11	2 1	20 18	0 49	19 9	1 8	15 38	0 19	20 23	2 1	10 36	0 36	19 17	1 37	13 25	10 43	14 52	15 0	7 33	16 56	1 46
M16	12 5	18 8	1 41	17 14	1 50	20 8	0 46	19 19	1 9	15 34	0 19	20 23	2 1	10 37	0 36	19 17	1 37	13 26	10 43	14 51	15 1	7 35	16 56	1 46
T 17	11 44	16 1	0 31	17 15	1 40	19 57	0 43	19 28	1 9	15 30	0 19	20 24	2 1	10 38	0 36	19 17	1 36	13 27	10 44	14 51	15 2	7 37	16 56	1 47
W18	11 23	13 7	0s40	17 15	1 29	19 46	0 39	19 38	1 10	15 26	0 20	20 24	2 1	10 39	0 36	19 17	1 36	13 27	10 44	14 51	15 3	7 39	16 56	1 47
T 19	11 2	9 40	1 48	17 14	1 18	19 35	0 36	19 48	1 10	15 22	0 20	20 24	2 2	10 39	0 36	19 17	1 36	13 28	10 44	14 51	15 4	7 41	16 56	1 48
F 20	10 40	5 51	2 49	17 11	1 7	19 22	0 33	19 57	1 11	15 17	0 20	20 24	2 2	10 40	0 36	19 18	1 36	13 29	10 44	14 52	15 5	7 43	16 56	1 48
S 21	10 18	1 51	3 42	17 7	0 57	19 9	0 30	20 7	1 12	15 13	0 20	20 24	2 2	10 41	0 36	19 18	1 36	13 29	10 44	14 52	15 6	7 45	16 56	1 49
S 22	9 57	2n10	4 24	17 2	0 46	18 56	0 27	20 16	1 12	15 9	0 20	20 25	2 2	10 42	0 36	19 18	1 36	13 30	10 45	14 53	15 7	7 47	16 56	1 50
M23	9 34	6 3	4 54	16 56	0 36	18 42	0 24	20 25	1 13	15 5	0 20	20 25	2 2	10 43	0 36	19 18	1 36	13 31	10 45	14 54	15 8	7 49	16 56	1 50
T 24	9 12	9 41	5 11	16 48	0 26	18 28	0 21	20 34	1 13	15 1	0 20	20 25	2 2	10 43	0 36	19 18	1 36	13 32	10 45	14 55	15 9	7 51	16 55	1 51
W25	8 50	12 55	5 15	16 39	0 16	18 13	0 18	20 43	1 14	14 56	0 20	20 25	2 3	10 44	0 36	19 18	1 36	13 32	10 45	14 55	15 10	7 53	16 55	1 51
T 26	8 28	15 40	5 6	16 29	0 7	17 57	0 15	20 52	1 14	14 52	0 20	20 25	2 3	10 45	0 36	19 18	1 36	13 33	10 45	14 55	15 11	7 55	16 55	1 52
F 27	8 5	17 46	4 43	16 18	0s 2	17 41	0 12	21 0	1 15	14 48	0 20	20 25	2 3	10 46	0 36	19 18	1 36	13 34	10 45	14 55	15 12	7 57	16 55	1 52
S 28	7s42	19n 6	4s 6	16s 5	0s11	17s24	0n 9	21n 9	1n15	14s44	0s21	20s25	2n 3	10n47	0s36	19n19	1s36	13n34	10n45	14n55	15n13	7n59	16s54	1n53

Julian Day Number = 3069932.5, Delta T = 02h35m58s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'39, Lahiri = 47°35'40

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

MARCH 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 41 1	11♓ 8'01	10♋36	17♒13	11♒20	0♊26	21♒ 6	15♐47	29♈58	4♊42	20°R36	19♌16	18♌13	3♉57	24♏34	S 1
M 2	10 44 57	12° 8'50	23°36	18°29	12°35	1° 3	21°19	15°49	0♉ 1	4°43	20♍34	19°17	18° 9	4° 4	24°34	M 2
T 3	10 48 54	13° 9'37	7♌ 0	19°46	13°49	1°41	21°33	15°51	0° 3	4°43	20°33	19°19	18° 6	4°11	24°35	T 3
W 4	10 52 50	14°10'23	20°50	21° 5	15° 3	2°18	21°46	15°54	0° 6	4°44	20°31	19°R19	18° 3	4°18	24°35	W 4
T 5	10 56 47	15°11'08	5♍ 3	22°25	16°17	2°56	22° 0	15°56	0° 9	4°45	20°30	19°18	18° 0	4°24	24°36	T 5
F 6	11 0 44	16°11'51	19°37	23°47	17°31	3°33	22°13	15°58	0°11	4°45	20°28	19°16	17°57	4°31	24°36	F 6
S 7	11 4 40	17°12'33	4♎25	25° 9	18°45	4°11	22°27	15°59	0°14	4°46	20°27	19°13	17°54	4°38	24°R36	S 7
S 8	11 8 37	18°13'15	19°18	26°33	20° 0	4°48	22°40	16° 1	0°17	4°47	20°25	19° 9	17°50	4°44	24°36	S 8
M 9	11 12 33	19°13'55	4♏ 9	27°58	21°14	5°26	22°53	16° 3	0°19	4°48	20°24	19° 4	17°47	4°51	24°36	M 9
T 10	11 16 30	20°14'34	18°51	29°23	22°28	6° 3	23° 7	16° 5	0°22	4°48	20°22	19° 0	17°44	4°58	24°36	T 10
W11	11 20 26	21°15'12	3♐16	0♓50	23°42	6°41	23°20	16° 6	0°25	4°49	20°21	18°58	17°41	5° 5	24°35	W11
T 12	11 24 23	22°15'50	17°22	2°18	24°57	7°19	23°33	16° 7	0°28	4°50	20°19	18°D56	17°38	5°11	24°35	T 12
F 13	11 28 19	23°16'26	1♑ 9	3°47	26°11	7°56	23°46	16° 9	0°31	4°51	20°18	18°57	17°34	5°18	24°34	F 13
S 14	11 32 16	24°17'02	14°35	5°17	27°25	8°34	23°59	16°10	0°34	4°52	20°16	18°58	17°31	5°25	24°34	S 14
S 15	11 36 12	25°17'36	27°44	6°48	28°40	9°12	24°12	16°11	0°37	4°53	20°15	18°59	17°28	5°31	24°33	S 15
M16	11 40 9	26°18'09	10♒38	8°19	29°54	9°50	24°25	16°12	0°40	4°54	20°13	19° 1	17°25	5°38	24°32	M16
T 17	11 44 6	27°18'41	23°18	9°52	1♓ 8	10°27	24°38	16°13	0°43	4°55	20°12	19°R 1	17°22	5°45	24°31	T 17
W18	11 48 2	28°19'12	5♓47	11°26	2°23	11° 5	24°51	16°14	0°46	4°56	20°10	18°59	17°19	5°52	24°30	W18
T 19	11 51 59	29°19'41	18° 6	13° 0	3°37	11°43	25° 4	16°14	0°49	4°58	20° 9	18°56	17°15	5°58	24°28	T 19
F 20	11 55 55	0♈20'09	0♈17	14°36	4°51	12°21	25°16	16°15	0°52	4°59	20° 7	18°50	17°12	6° 5	24°27	F 20
S 21	11 59 52	1°20'35	12°21	16°12	6° 6	12°59	25°29	16°15	0°55	5° 0	20° 6	18°43	17° 9	6°12	24°25	S 21
S 22	12 3 48	2°21'00	24°19	17°50	7°20	13°37	25°42	16°16	0°58	5° 1	20° 5	18°34	17° 6	6°18	24°24	S 22
M23	12 7 45	3°21'23	6♉13	19°28	8°35	14°15	25°54	16°16	1° 1	5° 2	20° 3	18°25	17° 3	6°25	24°22	M23
T 24	12 11 41	4°21'44	18° 4	21° 7	9°49	14°53	26° 7	16°16	1° 4	5° 4	20° 2	18°17	16°59	6°32	24°20	T 24
W25	12 15 38	5°22'04	29°56	22°48	11° 3	15°31	26°19	16°R16	1° 7	5° 5	20° 0	18°10	16°56	6°39	24°18	W25
T 26	12 19 35	6°22'22	11♊51	24°29	12°18	16° 9	26°31	16°16	1°10	5° 6	19°59	18° 4	16°53	6°45	24°16	T 26
F 27	12 23 31	7°22'37	23°54	26°11	13°32	16°46	26°44	16°16	1°14	5° 8	19°57	18° 1	16°50	6°52	24°14	F 27
S 28	12 27 28	8°22'52	6♋ 8	27°55	14°46	17°24	26°56	16°15	1°17	5° 9	19°56	18°D 0	16°47	6°59	24°12	S 28
S 29	12 31 24	9°23'04	18°40	29°39	16° 1	18° 2	27° 8	16°15	1°20	5°11	19°55	18° 0	16°44	7° 6	24°10	S 29
M30	12 35 21	10°23'14	1♌33	1♈25	17°15	18°40	27°20	16°15	1°23	5°12	19°53	18° 2	16°40	7°12	24° 7	M30
T 31	12 39 17	11♈23'22	14♌52	3♈11	18♓30	19♊18	27♒32	16♐14	1♉27	5♊14	19♍52	18°R 2	16♌37	7♉19	24♏ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s19	19n31	3s17	15s51	0s20	17s 7	0n 6	21n17	1n16	14s40	0s21	20s25	2n 3	10n48	0s36	19n19	1s36	13n35	10n46	14n55	15n14	8n 1	16s54	1n54
M 2	6 57	18 56	2 17	15 36	0 29	16 50	0 3	21 25	1 16	14 35	0 21	20 26	2 3	10 49	0 36	19 19	1 36	13 36	10 46	14 54	15 15	8 3	16 54	1 54
T 3	6 34	17 16	1 7	15 20	0 37	16 32	0 0	21 33	1 16	14 31	0 21	20 26	2 4	10 50	0 36	19 19	1 36	13 36	10 46	14 54	15 16	8 5	16 53	1 55
W 4	6 10	14 33	0n 8	15 2	0 44	16 13	0s 3	21 41	1 17	14 27	0 21	20 26	2 4	10 51	0 36	19 19	1 36	13 37	10 46	14 54	15 17	8 7	16 53	1 55
T 5	5 47	10 54	1 25	14 44	0 52	15 54	0 6	21 49	1 17	14 23	0 21	20 26	2 4	10 51	0 36	19 19	1 36	13 38	10 46	14 54	15 18	8 9	16 52	1 56
F 6	5 24	6 31	2 39	14 24	0 59	15 35	0 9	21 57	1 18	14 19	0 21	20 26	2 4	10 52	0 36	19 20	1 35	13 38	10 46	14 54	15 19	8 11	16 52	1 56
S 7	5 0	1 40	3 42	14 3	1 6	15 15	0 12	22 4	1 18	14 14	0 21	20 26	2 4	10 53	0 36	19 20	1 35	13 39	10 46	14 55	15 20	8 13	16 51	1 57
S 8	4 37	3s18	4 31	13 42	1 13	14 55	0 14	22 11	1 18	14 10	0 21	20 26	2 5	10 54	0 36	19 20	1 35	13 40	10 46	14 57	15 21	8 15	16 51	1 58
M 9	4 13	8 2	5 2	13 19	1 19	14 34	0 17	22 18	1 19	14 6	0 21	20 26	2 5	10 55	0 36	19 20	1 35	13 40	10 46	14 58	15 22	8 17	16 50	1 58
T 10	3 50	12 15	5 13	12 55	1 25	14 13	0 20	22 25	1 19	14 2	0 22	20 26	2 5	10 56	0 36	19 20	1 35	13 41	10 46	14 59	15 23	8 19	16 49	1 59
W11	3 26	15 39	5 3	12 29	1 31	13 51	0 23	22 32	1 20	13 58	0 22	20 26	2 5	10 57	0 36	19 21	1 35	13 42	10 47	15 0	15 24	8 21	16 49	1 59
T 12	3 3	18 4	4 35	12 3	1 36	13 29	0 25	22 39	1 20	13 53	0 22	20 26	2 5	10 58	0 36	19 21	1 35	13 42	10 47	15 1	15 25	8 23	16 48	2 0
F 13	2 39	19 21	3 52	11 36	1 41	13 7	0 28	22 45	1 20	13 49	0 22	20 26	2 5	10 59	0 36	19 21	1 35	13 43	10 47	15 1	15 26	8 25	16 47	2 1
S 14	2 15	19 30	2 57	11 8	1 46	12 44	0 31	22 51	1 20	13 45	0 22	20 26	2 6	11 0	0 36	19 21	1 35	13 44	10 47	15 0	15 26	8 27	16 47	2 1
S 15	1 51	18 34	1 53	10 38	1 50	12 21	0 33	22 57	1 21	13 41	0 22	20 26	2 6	11 1	0 36	19 21	1 35	13 44	10 47	15 0	15 27	8 29	16 46	2 2
M16	1 27	16 41	0 46	10 8	1 54	11 58	0 36	23 3	1 21	13 37	0 22	20 25	2 6	11 2	0 36	19 22	1 35	13 45	10 47	14 59	15 28	8 31	16 45	2 2
T 17	1 4	14 0	0s23	9 37	1 57	11 34	0 38	23 9	1 21	13 33	0 22	20 25	2 6	11 3	0 36	19 22	1 35	13 46	10 47	14 59	15 29	8 33	16 44	2 3
W18	0 40	10 42	1 30	9 5	2 1	11 10	0 41	23 15	1 22	13 28	0 22	20 25	2 6	11 5	0 36	19 22	1 35	13 46	10 47	15 0	15 30	8 35	16 43	2 3
T 19	0 16	6 59	2 31	8 31	2 4	10 46	0 43	23 20	1 22	13 24	0 23	20 25	2 6	11 6	0 36	19 22	1 35	13 47	10 47	15 1	15 31	8 37	16 43	2 4
F 20	0n 8	3 1	3 25	7 57	2 6	10 21	0 46	23 25	1 22	13 20	0 23	20 25	2 7	11 7	0 36	19 23	1 35	13 47	10 47	15 2	15 32	8 39	16 42	2 5
S 21	0 32	1n 1	4 9	7 22	2 8	9 56	0 48	23 31	1 22	13 16	0 23	20 25	2 7	11 8	0 36	19 23	1 35	13 48	10 47	15 5	15 33	8 41	16 41	2 5
S 22	0 56	4 59	4 41	6 46	2 10	9 31	0 50	23 35	1 23	13 12	0 23	20 25	2 7	11 9	0 36	19 23	1 35	13 49	10 47	15 7	15 34	8 43	16 40	2 6
M23	1 19	8 44	5 1	6 9	2 11	9 5	0 52	23 40	1 23	13 8	0 23	20 25	2 7	11 10	0 36	19 23	1 35	13 49	10 47	15 10	15 35	8 45	16 39	2 6
T 24	1 43	12 7	5 8	5 31	2 12	8 40	0 55	23 45	1 23	13 4	0 23	20 24	2 7	11 11	0 36	19 24	1 35	13 50	10 47	15 13	15 36	8 47	16 38	2 7
W25	2 7	15 2	5 1	4 52	2 13	8 14	0 57	23 49	1 23	13 0	0 23	20 24	2 7	11 12	0 35	19 24	1 35	13 50	10 47	15 15	15 37	8 49	16 37	2 7
T 26	2 30	17 21	4 42	4 13	2 13	7 48	0 59	23 53	1 23	12 56	0 23	20 24	2 8	11 13	0 35	19 24	1 34	13 51	10 47	15 16	15 38	8 51	16 36	2 8
F 27	2 54	18 55	4 10	3 32	2 13	7 21	1 1	23 57	1 24	12 52	0 24	20 24	2 8	11 14	0 35	19 25	1 34	13 51	10 47	15 17	15 39	8 53	16 35	2 9
S 28	3 18	19 39	3 26	2 51	2 12	6 54	1 3	24 1	1 24	12 48	0 24	20 24	2 8	11 15	0 35	19 25	1 34	13 52	10 47	15 18	15 40	8 55	16 34	2 9
S 29	3 41	19 26	2 31	2 8	2 11	6 28	1 5	24 5	1 24	12 44	0 24	20 24	2 8	11 17	0 35	19 25	1 34	13 52	10 47	15 18	15 41	8 57	16 32	2 10
M30	4 5	18 13	1 27	1 25	2 9	6 1	1 6	24 8	1 24	12 40	0 24	20 23	2 8	11 18	0 35	19 25	1 34	13 53	10 47	15 17	15 42	8 59	16 31	2 10
T 31	4n28	15n57	0s17	0s41	2s 7	5s33	1s 8	24n12	1n24	12s36	0s24	20s23	2n 8	11n19	0s35	19n26	1s34	13n53	10n47	15n17	15n43	9n 1	16s30	2n11

Julian Day Number = 3069960.5, Delta T = 02h35m59s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'43, Lahiri = 47°35'44

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

APRIL 3693 — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n51	12n43	0n57	0n 3	2s 4	5s 6	1s10	24n15	1n24	12s32	0s24	20s23	2n 9	11n20	0s35	19n26	1s34	13n54	10n47	15n17	15n44	9n 3	16s29	2n11
T 2	5 14	8 39	2 9	0 49	2 1	4 39	1 11	24 18	1 25	12 28	0 24	20 23	2 9	11 21	0 35	19 26	1 34	13 54	10 47	15 18	15 45	9 5	16 28	2 12
F 3	5 37	3 56	3 15	1 35	1 58	4 11	1 13	24 20	1 25	12 24	0 25	20 22	2 9	11 22	0 35	19 27	1 34	13 55	10 47	15 19	15 46	9 7	16 27	2 13
S 4	6 0	1s 8	4 9	2 22	1 54	3 43	1 15	24 23	1 25	12 20	0 25	20 22	2 9	11 23	0 35	19 27	1 34	13 55	10 47	15 22	15 46	9 9	16 25	2 13
S 5	6 23	6 10	4 47	3 9	1 49	3 15	1 16	24 25	1 25	12 16	0 25	20 22	2 9	11 25	0 35	19 27	1 34	13 56	10 47	15 24	15 47	9 11	16 24	2 14
M 6	6 46	10 49	5 3	3 57	1 44	2 47	1 17	24 27	1 25	12 12	0 25	20 22	2 9	11 26	0 35	19 28	1 34	13 56	10 46	15 27	15 48	9 13	16 23	2 14
T 7	7 9	14 43	4 59	4 46	1 39	2 19	1 19	24 29	1 25	12 9	0 25	20 21	2 10	11 27	0 35	19 28	1 34	13 57	10 46	15 30	15 49	9 15	16 22	2 15
W 8	7 31	17 36	4 34	5 35	1 33	1 51	1 20	24 31	1 25	12 5	0 25	20 21	2 10	11 28	0 35	19 28	1 34	13 57	10 46	15 32	15 50	9 17	16 20	2 15
T 9	7 54	19 18	3 53	6 25	1 26	1 23	1 21	24 33	1 25	12 1	0 25	20 21	2 10	11 29	0 35	19 29	1 34	13 57	10 46	15 33	15 51	9 19	16 19	2 16
F 10	8 16	19 47	2 59	7 15	1 19	0 55	1 22	24 34	1 25	11 57	0 26	20 20	2 10	11 30	0 35	19 29	1 34	13 58	10 46	15 34	15 52	9 21	16 18	2 16
S 11	8 38	19 5	1 57	8 5	1 12	0 26	1 23	24 36	1 25	11 54	0 26	20 20	2 10	11 32	0 35	19 29	1 34	13 58	10 46	15 34	15 53	9 23	16 16	2 17
S 12	9 0	17 22	0 50	8 56	1 4	0n 2	1 24	24 37	1 26	11 50	0 26	20 20	2 10	11 33	0 35	19 30	1 34	13 59	10 46	15 34	15 54	9 25	16 15	2 17
M13	9 22	14 50	0s18	9 46	0 55	0 30	1 25	24 37	1 26	11 46	0 26	20 19	2 11	11 34	0 35	19 30	1 34	13 59	10 46	15 34	15 55	9 27	16 13	2 18
T 14	9 43	11 39	1 23	10 37	0 46	0 59	1 26	24 38	1 26	11 43	0 26	20 19	2 11	11 35	0 35	19 30	1 34	13 59	10 46	15 34	15 56	9 29	16 12	2 18
W15	10 5	8 0	2 23	11 27	0 36	1 27	1 27	24 39	1 26	11 39	0 26	20 19	2 11	11 36	0 35	19 31	1 34	14 0	10 46	15 35	15 57	9 31	16 11	2 19
T 16	10 26	4 5	3 16	12 17	0 26	1 56	1 28	24 39	1 26	11 35	0 26	20 18	2 11	11 37	0 35	19 31	1 34	14 0	10 45	15 37	15 58	9 33	16 9	2 19
F 17	10 47	0 2	3 59	13 7	0 16	2 24	1 28	24 39	1 26	11 32	0 27	20 18	2 11	11 39	0 35	19 31	1 34	14 0	10 45	15 40	15 59	9 35	16 8	2 20
S 18	11 8	3n59	4 32	13 56	0 5	2 52	1 29	24 39	1 26	11 28	0 27	20 18	2 11	11 40	0 35	19 32	1 34	14 1	10 45	15 43	16 0	9 37	16 6	2 20
S 19	11 29	7 50	4 52	14 44	0n 6	3 21	1 30	24 39	1 26	11 25	0 27	20 17	2 11	11 41	0 35	19 32	1 33	14 1	10 45	15 47	16 1	9 39	16 5	2 21
M20	11 50	11 23	5 0	15 32	0 17	3 49	1 30	24 38	1 26	11 22	0 27	20 17	2 11	11 42	0 35	19 33	1 33	14 1	10 45	15 51	16 1	9 41	16 3	2 21
T 21	12 10	14 29	4 55	16 18	0 28	4 17	1 30	24 38	1 26	11 18	0 27	20 16	2 12	11 43	0 35	19 33	1 33	14 2	10 45	15 55	16 2	9 43	16 2	2 22
W22	12 30	16 59	4 37	17 3	0 40	4 45	1 31	24 37	1 26	11 15	0 27	20 16	2 12	11 44	0 35	19 33	1 33	14 2	10 45	15 59	16 3	9 45	16 0	2 22
T 23	12 50	18 48	4 7	17 46	0 52	5 13	1 31	24 36	1 26	11 11	0 27	20 16	2 12	11 46	0 35	19 34	1 33	14 2	10 45	16 2	16 4	9 47	15 59	2 23
F 24	13 10	19 47	3 25	18 28	1 3	5 41	1 31	24 34	1 26	11 8	0 28	20 15	2 12	11 47	0 35	19 34	1 33	14 2	10 44	16 4	16 5	9 49	15 57	2 23
S 25	13 30	19 51	2 33	19 7	1 15	6 9	1 31	24 33	1 26	11 5	0 28	20 15	2 12	11 48	0 35	19 34	1 33	14 2	10 44	16 5	16 6	9 51	15 56	2 24
S 26	13 49	18 57	1 33	19 45	1 26	6 36	1 31	24 31	1 26	11 2	0 28	20 14	2 12	11 49	0 35	19 35	1 33	14 3	10 44	16 5	16 7	9 53	15 54	2 24
M27	14 8	17 5	0 27	20 21	1 37	7 4	1 31	24 30	1 26	10 58	0 28	20 14	2 12	11 50	0 35	19 35	1 33	14 3	10 44	16 5	16 8	9 54	15 53	2 25
T 28	14 27	14 15	0n43	20 54	1 47	7 31	1 31	24 28	1 26	10 55	0 28	20 14	2 12	11 51	0 35	19 36	1 33	14 3	10 44	16 5	16 9	9 56	15 51	2 25
W29	14 45	10 34	1 52	21 25	1 57	7 58	1 31	24 26	1 26	10 52	0 28	20 13	2 12	11 53	0 35	19 36	1 33	14 3	10 44	16 6	16 10	9 58	15 49	2 26
T 30	15n 4	6n11	2n57	21n54	2n 7	8n25	1s31	24n23	1n26	10s49	0s29	20s13	2n13	11n54	0s35	19n36	1s33	14n 3	10n43	16n 7	16n11	10n 0	15s48	2n26

Julian Day Number = 3069991.5, Delta T = 02h36m00s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'48, Lahiri = 47°35'48

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

MAY 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 41 30	12♉12'40	5♎47	0♊45	26♈54	8♋59	2♓58	15°R 8	3♉12	6♊10	19°R17	15°R10	14♌59	10♉47	22°R 8	F 1
S 2	14 45 27	13°11'47	20°47	2° 3	28° 9	9°37	3° 7	15♐ 5	3°15	6°12	19♍17	15♌ 1	14°56	10°54	22♏ 3	S 2
S 3	14 49 23	14°10'52	6♏ 4	3°15	29°23	10°15	3°16	15° 1	3°18	6°15	19°16	14°51	14°52	11° 1	21°59	S 3
M 4	14 53 20	15° 9'55	21°26	4°21	0♉37	10°53	3°24	14°58	3°22	6°17	19°15	14°40	14°49	11° 7	21°54	M 4
T 5	14 57 17	16° 8'57	6♐41	5°22	1°51	11°31	3°33	14°54	3°25	6°19	19°14	14°29	14°46	11°14	21°50	T 5
W 6	15 1 13	17° 7'56	21°40	6°16	3° 6	12° 9	3°41	14°50	3°29	6°21	19°14	14°20	14°43	11°21	21°45	W 6
T 7	15 5 10	18° 6'54	6♑13	7° 4	4°20	12°47	3°49	14°47	3°32	6°23	19°13	14°14	14°40	11°28	21°40	T 7
F 8	15 9 6	19° 5'50	20°18	7°46	5°34	13°25	3°57	14°43	3°35	6°25	19°12	14°10	14°37	11°34	21°36	F 8
S 9	15 13 3	20° 4'45	3♒53	8°22	6°48	14° 3	4° 5	14°39	3°39	6°28	19°12	14° 9	14°33	11°41	21°31	S 9
S 10	15 16 59	21° 3'37	17° 0	8°51	8° 2	14°41	4°13	14°35	3°42	6°30	19°11	14° 8	14°30	11°48	21°26	S 10
M11	15 20 56	22° 2'28	29°44	9°13	9°16	15°19	4°20	14°31	3°45	6°32	19°11	14° 8	14°27	11°55	21°22	M11
T 12	15 24 53	23° 1'18	12♓ 9	9°30	10°31	15°57	4°28	14°27	3°49	6°34	19°10	14° 7	14°24	12° 1	21°17	T 12
W13	15 28 49	24° 0'05	24°20	9°40	11°45	16°35	4°35	14°23	3°52	6°36	19°10	14° 4	14°21	12° 8	21°12	W13
T 14	15 32 46	24°58'52	6♈20	9°R44	12°59	17°13	4°42	14°19	3°55	6°39	19° 9	13°58	14°17	12°15	21° 8	T 14
F 15	15 36 42	25°57'36	18°15	9°42	14°13	17°51	4°49	14°15	3°58	6°41	19° 9	13°49	14°14	12°21	21° 3	F 15
S 16	15 40 39	26°56'19	0♉ 7	9°34	15°27	18°29	4°56	14°10	4° 2	6°43	19° 8	13°37	14°11	12°28	20°58	S 16
S 17	15 44 35	27°55'00	11°58	9°21	16°41	19° 7	5° 3	14° 6	4° 5	6°45	19° 8	13°24	14° 8	12°35	20°54	S 17
M18	15 48 32	28°53'39	23°51	9° 2	17°55	19°45	5° 9	14° 2	4° 8	6°48	19° 8	13°11	14° 5	12°42	20°49	M18
T 19	15 52 28	29°52'16	5♊46	8°39	19°10	20°23	5°16	13°57	4°11	6°50	19° 7	12°57	14° 2	12°48	20°44	T 19
W20	15 56 25	0♊50'52	17°45	8°12	20°24	21° 1	5°22	13°53	4°14	6°52	19° 7	12°45	13°58	12°55	20°40	W20
T 21	16 0 21	1°49'25	29°50	7°41	21°38	21°39	5°28	13°49	4°17	6°54	19° 7	12°36	13°55	13° 2	20°35	T 21
F 22	16 4 18	2°47'57	12♋ 2	7° 7	22°52	22°17	5°34	13°44	4°21	6°57	19° 7	12°29	13°52	13° 9	20°31	F 22
S 23	16 8 15	3°46'27	24°23	6°31	24° 6	22°55	5°40	13°40	4°24	6°59	19° 6	12°26	13°49	13°15	20°26	S 23
S 24	16 12 11	4°44'55	6♌57	5°53	25°20	23°33	5°45	13°35	4°27	7° 1	19° 6	12°D24	13°46	13°22	20°22	S 24
M25	16 16 8	5°43'20	19°47	5°13	26°34	24°10	5°51	13°31	4°30	7° 3	19° 6	12°24	13°42	13°29	20°17	M25
T 26	16 20 4	6°41'44	2♍56	4°34	27°48	24°48	5°56	13°26	4°33	7° 6	19° 6	12°R25	13°39	13°35	20°13	T 26
W27	16 24 1	7°40'06	16°28	3°55	29° 2	25°26	6° 1	13°22	4°36	7° 8	19° 6	12°24	13°36	13°42	20° 9	W27
T 28	16 27 57	8°38'25	0♎25	3°18	0♊16	26° 4	6° 6	13°17	4°39	7°10	19° 6	12°22	13°33	13°49	20° 4	T 28
F 29	16 31 54	9°36'43	14°47	2°42	1°30	26°42	6°11	13°13	4°42	7°12	19° 6	12°18	13°30	13°56	20° 0	F 29
S 30	16 35 50	10°34'58	29°32	2° 8	2°44	27°20	6°16	13° 8	4°45	7°15	19°D 6	12°12	13°27	14° 2	19°56	S 30
S 31	16 39 47	11♊33'12	14♏34	1♊37	3♊58	27♋58	6♓20	13♐ 4	4♉48	7♊17	19♍ 6	12♌ 4	13♌23	14♉ 9	19♏52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n22	1n17	3n53	22n20	2n15	8n52	1s30	24n21	1n26	10s46	0s29	20s12	2n13	11n55	0s35	19n37	1s33	14n 4	10n43	16n 8	16n12	10n 2	15s46	2n27
S 2	15 39	3s48	4 34	22 43	2 23	9 19	1 30	24 18	1 26	10 43	0 29	20 12	2 13	11 56	0 35	19 37	1 33	14 4	10 43	16 11	16 13	10 4	15 45	2 27
S 3	15 57	8 45	4 57	23 4	2 30	9 45	1 30	24 15	1 26	10 40	0 29	20 11	2 13	11 57	0 35	19 37	1 33	14 4	10 43	16 14	16 13	10 6	15 43	2 27
M 4	16 14	13 9	4 58	23 23	2 37	10 11	1 29	24 12	1 26	10 37	0 29	20 11	2 13	11 58	0 35	19 38	1 33	14 4	10 43	16 17	16 14	10 8	15 42	2 28
T 5	16 31	16 39	4 38	23 39	2 42	10 37	1 29	24 9	1 26	10 34	0 30	20 10	2 13	11 59	0 35	19 38	1 33	14 4	10 42	16 20	16 15	10 10	15 40	2 28
W 6	16 48	18 59	3 59	23 53	2 46	11 3	1 28	24 5	1 26	10 32	0 30	20 10	2 13	12 1	0 35	19 39	1 33	14 4	10 42	16 23	16 16	10 12	15 38	2 29
T 7	17 4	19 59	3 6	24 4	2 49	11 28	1 27	24 2	1 26	10 29	0 30	20 9	2 13	12 2	0 35	19 39	1 33	14 4	10 42	16 25	16 17	10 14	15 37	2 29
F 8	17 20	19 41	2 2	24 13	2 51	11 54	1 27	23 58	1 25	10 26	0 30	20 9	2 13	12 3	0 35	19 39	1 33	14 4	10 42	16 26	16 18	10 16	15 35	2 29
S 9	17 36	18 14	0 54	24 20	2 52	12 19	1 26	23 54	1 25	10 24	0 30	20 8	2 13	12 4	0 35	19 40	1 33	14 4	10 42	16 26	16 19	10 18	15 34	2 30
S 10	17 51	15 50	0s15	24 24	2 51	12 43	1 25	23 50	1 25	10 21	0 30	20 8	2 13	12 5	0 35	19 40	1 33	14 4	10 41	16 26	16 20	10 20	15 32	2 30
M11	18 7	12 44	1 22	24 25	2 50	13 7	1 24	23 46	1 25	10 18	0 31	20 7	2 13	12 6	0 35	19 40	1 33	14 4	10 41	16 26	16 21	10 22	15 31	2 31
T 12	18 21	9 8	2 22	24 25	2 46	13 31	1 23	23 41	1 25	10 16	0 31	20 7	2 13	12 7	0 35	19 41	1 33	14 4	10 41	16 27	16 22	10 24	15 29	2 31
W13	18 36	5 14	3 15	24 22	2 42	13 55	1 22	23 37	1 25	10 13	0 31	20 6	2 13	12 8	0 35	19 41	1 33	14 4	10 41	16 27	16 23	10 26	15 28	2 31
T 14	18 50	1 10	3 59	24 17	2 36	14 18	1 21	23 32	1 25	10 11	0 31	20 6	2 13	12 9	0 35	19 42	1 33	14 4	10 41	16 29	16 24	10 28	15 26	2 32
F 15	19 4	2n54	4 31	24 9	2 29	14 41	1 20	23 27	1 25	10 9	0 31	20 5	2 13	12 11	0 35	19 42	1 33	14 4	10 40	16 32	16 24	10 30	15 24	2 32
S 16	19 18	6 50	4 52	23 59	2 20	15 4	1 18	23 21	1 25	10 6	0 32	20 5	2 14	12 12	0 35	19 42	1 33	14 4	10 40	16 35	16 25	10 32	15 23	2 32
S 17	19 31	10 31	5 0	23 48	2 10	15 26	1 17	23 16	1 25	10 4	0 32	20 4	2 14	12 13	0 35	19 43	1 33	14 4	10 40	16 39	16 26	10 34	15 21	2 33
M18	19 44	13 47	4 55	23 34	1 59	15 48	1 16	23 11	1 25	10 2	0 32	20 4	2 14	12 14	0 35	19 43	1 33	14 4	10 40	16 43	16 27	10 36	15 20	2 33
T 19	19 56	16 31	4 37	23 18	1 47	16 9	1 14	23 5	1 24	10 0	0 32	20 3	2 14	12 15	0 35	19 43	1 33	14 4	10 39	16 46	16 28	10 38	15 18	2 33
W20	20 8	18 34	4 7	23 0	1 33	16 31	1 13	22 59	1 24	9 58	0 32	20 3	2 14	12 16	0 35	19 44	1 33	14 4	10 39	16 50	16 29	10 40	15 17	2 34
T 21	20 20	19 48	3 25	22 41	1 18	16 51	1 12	22 53	1 24	9 56	0 32	20 2	2 14	12 17	0 35	19 44	1 33	14 4	10 39	16 52	16 30	10 42	15 15	2 34
F 22	20 32	20 8	2 34	22 20	1 3	17 11	1 10	22 47	1 24	9 54	0 33	20 2	2 14	12 18	0 35	19 45	1 33	14 4	10 39	16 54	16 31	10 44	15 14	2 34
S 23	20 43	19 30	1 34	21 58	0 46	17 31	1 8	22 41	1 24	9 52	0 33	20 1	2 14	12 19	0 35	19 45	1 33	14 4	10 39	16 55	16 32	10 45	15 12	2 35
S 24	20 53	17 54	0 29	21 34	0 30	17 50	1 7	22 34	1 24	9 50	0 33	20 1	2 14	12 20	0 35	19 45	1 33	14 4	10 38	16 56	16 33	10 47	15 11	2 35
M25	21 4	15 22	0n39	21 11	0 12	18 9	1 5	22 27	1 24	9 48	0 33	20 0	2 14	12 21	0 35	19 46	1 33	14 3	10 38	16 56	16 34	10 49	15 10	2 35
T 26	21 14	12 0	1 47	20 46	0s 5	18 27	1 3	22 20	1 24	9 46	0 33	20 0	2 14	12 22	0 35	19 46	1 33	14 3	10 38	16 55	16 34	10 51	15 8	2 35
W27	21 23	7 55	2 51	20 22	0 23	18 45	1 2	22 13	1 23	9 45	0 34	19 59	2 14	12 23	0 35	19 46	1 33	14 3	10 38	16 55	16 35	10 53	15 7	2 36
T 28	21 33	3 18	3 47	19 57	0 41	19 3	1 0	22 6	1 23	9 43	0 34	19 59	2 14	12 24	0 35	19 47	1 33	14 3	10 37	16 56	16 36	10 55	15 5	2 36
F 29	21 41	1s37	4 30	19 34	0 58	19 20	0 58	21 59	1 23	9 41	0 34	19 58	2 14	12 25	0 35	19 47	1 33	14 3	10 37	16 57	16 37	10 57	15 4	2 36
S 30	21 50	6 34	4 57	19 11	1 15	19 36	0 56	21 52	1 23	9 40	0 34	19 58	2 13	12 26	0 35	19 48	1 33	14 2	10 37	16 59	16 38	10 59	15 3	2 37
S 31	21n58	11s13	5n 4	18n49	1s31	19n52	0s54	21n44	1n23	9s38	0s35	19s57	2n13	12n27	0s35	19n48	1s33	14n 2	10n37	17n 1	16n39	11n 1	15s 1	2n37

Julian Day Number = 3070021.5, Delta T = 02h36m01s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'52, Lahiri = 47°35'52

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

JUNE 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 43 44	12♊31'24	29♏45	1°R10	5♊12	28♋36	6♓24	12°R59	4♉51	7♊19	19♍ 6	11°R55	13♌20	14♉16	19°R48	M 1
T 2	16 47 40	13°29'34	14♐54	0♊46	6°26	29°14	6°28	12♐55	4°53	7°21	19° 6	11♌46	13°17	14°22	19♏44	T 2
W 3	16 51 37	14°27'43	29°51	0°26	7°40	29°52	6°32	12°50	4°56	7°24	19° 6	11°39	13°14	14°29	19°40	W 3
T 4	16 55 33	15°25'50	14♑27	0°11	8°54	0♌29	6°36	12°46	4°59	7°26	19° 6	11°34	13°11	14°36	19°36	T 4
F 5	16 59 30	16°23'56	28°38	0° 0	10° 8	1° 7	6°40	12°41	5° 2	7°28	19° 6	11°31	13° 8	14°43	19°32	F 5
S 6	17 3 26	17°22'00	12♒20	29♉54	11°22	1°45	6°43	12°36	5° 5	7°30	19° 7	11°D31	13° 4	14°49	19°28	S 6
S 7	17 7 23	18°20'03	25°34	29°D52	12°36	2°23	6°46	12°32	5° 7	7°33	19° 7	11°31	13° 1	14°56	19°25	S 7
M 8	17 11 20	19°18'05	8♓23	29°54	13°49	3° 1	6°49	12°27	5°10	7°35	19° 7	11°32	12°58	15° 3	19°21	M 8
T 9	17 15 16	20°16'06	20°51	0♊ 2	15° 3	3°39	6°52	12°23	5°13	7°37	19° 7	11°R33	12°55	15°10	19°18	T 9
W10	17 19 13	21°14'05	3♈ 3	0°14	16°17	4°16	6°55	12°18	5°15	7°39	19° 8	11°32	12°52	15°16	19°14	W10
T 11	17 23 9	22°12'03	15° 4	0°30	17°31	4°54	6°57	12°14	5°18	7°42	19° 8	11°29	12°48	15°23	19°11	T 11
F 12	17 27 6	23°10'00	26°58	0°51	18°45	5°32	6°59	12°10	5°21	7°44	19° 8	11°24	12°45	15°30	19° 7	F 12
S 13	17 31 2	24° 7'55	8♉49	1°17	19°59	6°10	7° 2	12° 5	5°23	7°46	19° 9	11°18	12°42	15°36	19° 4	S 13
S 14	17 34 59	25° 5'50	20°41	1°46	21°13	6°48	7° 4	12° 1	5°26	7°48	19° 9	11°10	12°39	15°43	19° 1	S 14
M15	17 38 55	26° 3'43	2♊36	2°20	22°27	7°25	7° 5	11°56	5°28	7°50	19°10	11° 1	12°36	15°50	18°58	M15
T 16	17 42 52	27° 1'35	14°37	2°57	23°41	8° 3	7° 7	11°52	5°30	7°52	19°10	10°53	12°33	15°57	18°55	T 16
W17	17 46 49	27°59'25	26°45	3°39	24°54	8°41	7° 8	11°48	5°33	7°55	19°11	10°46	12°29	16° 3	18°52	W17
T 18	17 50 45	28°57'15	9♋ 1	4°24	26° 8	9°19	7° 9	11°44	5°35	7°57	19°11	10°40	12°26	16°10	18°49	T 18
F 19	17 54 42	29°55'03	21°26	5°12	27°22	9°57	7°10	11°39	5°38	7°59	19°12	10°36	12°23	16°17	18°46	F 19
S 20	17 58 38	0♋52'50	4♌ 2	6° 4	28°36	10°34	7°11	11°35	5°40	8° 1	19°12	10°35	12°20	16°24	18°44	S 20
S 21	18 2 35	1°50'35	16°50	7° 0	29°50	11°12	7°12	11°31	5°42	8° 3	19°13	10°D35	12°17	16°30	18°41	S 21
M22	18 6 31	2°48'19	29°52	7°59	1♋ 4	11°50	7°12	11°27	5°44	8° 5	19°14	10°36	12°14	16°37	18°39	M22
T 23	18 10 28	3°46'01	13♍ 9	9° 1	2°18	12°28	7°12	11°23	5°47	8° 7	19°14	10°37	12°10	16°44	18°36	T 23
W24	18 14 24	4°43'42	26°44	10° 6	3°31	13° 5	7°R12	11°19	5°49	8° 9	19°15	10°38	12° 7	16°50	18°34	W24
T 25	18 18 21	5°41'22	10♎37	11°14	4°45	13°43	7°12	11°15	5°51	8°12	19°16	10°R38	12° 4	16°57	18°32	T 25
F 26	18 22 18	6°39'00	24°48	12°26	5°59	14°21	7°12	11°11	5°53	8°14	19°16	10°37	12° 1	17° 4	18°30	F 26
S 27	18 26 14	7°36'36	9♏15	13°40	7°13	14°59	7°11	11° 7	5°55	8°16	19°17	10°34	11°58	17°11	18°28	S 27
S 28	18 30 11	8°34'12	23°56	14°57	8°27	15°36	7°10	11° 3	5°57	8°18	19°18	10°31	11°54	17°17	18°26	S 28
M29	18 34 7	9°31'46	8♐44	16°17	9°40	16°14	7°10	11° 0	5°59	8°20	19°19	10°26	11°51	17°24	18°24	M29
T 30	18 38 4	10♋29'19	23♐32	17♊40	10♋54	16♌52	7♓ 8	10♐56	6♉ 1	8♊22	19♍20	10♌22	11♌48	17♉31	18♏23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 5	15s11	4n50	18n28	1s47	20n 7	0s52	21n36	1n23	9s37	0s35	19s57	2n13	12n28	0s35	19n48	1s33	14n 2	10n36	17n 4	16n40	11n 3	15s 0	2n37
T 2	22 13	18 9	4 15	18 8	2 2	20 22	0 50	21 28	1 23	9 36	0 35	19 56	2 13	12 29	0 35	19 49	1 33	14 2	10 36	17 6	16 41	11 5	14 59	2 37
W 3	22 19	19 50	3 24	17 51	2 16	20 36	0 48	21 20	1 22	9 35	0 35	19 56	2 13	12 30	0 35	19 49	1 33	14 1	10 36	17 8	16 42	11 7	14 58	2 38
T 4	22 26	20 8	2 20	17 35	2 29	20 49	0 46	21 12	1 22	9 33	0 35	19 55	2 13	12 31	0 35	19 49	1 33	14 1	10 36	17 9	16 43	11 9	14 56	2 38
F 5	22 32	19 8	1 9	17 21	2 41	21 2	0 44	21 4	1 22	9 32	0 36	19 54	2 13	12 31	0 35	19 50	1 33	14 1	10 36	17 10	16 43	11 11	14 55	2 38
S 6	22 38	17 1	0s 4	17 8	2 52	21 15	0 42	20 55	1 22	9 31	0 36	19 54	2 13	12 32	0 35	19 50	1 33	14 1	10 35	17 10	16 44	11 13	14 54	2 38
S 7	22 43	14 3	1 15	16 58	3 2	21 26	0 40	20 47	1 22	9 30	0 36	19 53	2 13	12 33	0 35	19 50	1 33	14 0	10 35	17 10	16 45	11 15	14 53	2 38
M 8	22 48	10 30	2 19	16 50	3 11	21 38	0 38	20 38	1 22	9 29	0 36	19 53	2 13	12 34	0 35	19 51	1 33	14 0	10 35	17 10	16 46	11 17	14 52	2 39
T 9	22 52	6 35	3 15	16 44	3 19	21 48	0 35	20 29	1 21	9 29	0 36	19 53	2 13	12 35	0 35	19 51	1 33	14 0	10 35	17 10	16 47	11 18	14 50	2 39
W10	22 56	2 29	4 1	16 40	3 26	21 58	0 33	20 20	1 21	9 28	0 37	19 52	2 13	12 36	0 35	19 51	1 33	13 59	10 34	17 10	16 48	11 20	14 49	2 39
T 11	23 0	1n38	4 36	16 37	3 31	22 8	0 31	20 11	1 21	9 27	0 37	19 52	2 13	12 37	0 35	19 52	1 33	13 59	10 34	17 11	16 49	11 22	14 48	2 39
F 12	23 3	5 40	4 58	16 37	3 36	22 16	0 29	20 1	1 21	9 26	0 37	19 51	2 13	12 38	0 35	19 52	1 33	13 59	10 34	17 12	16 50	11 24	14 47	2 39
S 13	23 5	9 27	5 7	16 38	3 40	22 24	0 26	19 52	1 21	9 26	0 37	19 51	2 13	12 38	0 35	19 53	1 33	13 58	10 34	17 14	16 51	11 26	14 46	2 40
S 14	23 8	12 53	5 3	16 41	3 43	22 32	0 24	19 42	1 21	9 25	0 38	19 50	2 12	12 39	0 35	19 53	1 33	13 58	10 33	17 16	16 51	11 28	14 45	2 40
M15	23 10	15 49	4 46	16 45	3 45	22 39	0 22	19 32	1 20	9 25	0 38	19 50	2 12	12 40	0 35	19 53	1 33	13 57	10 33	17 18	16 52	11 30	14 44	2 40
T 16	23 11	18 6	4 16	16 51	3 46	22 45	0 19	19 23	1 20	9 25	0 38	19 49	2 12	12 41	0 35	19 54	1 33	13 57	10 33	17 21	16 53	11 32	14 43	2 40
W17	23 12	19 36	3 35	16 59	3 46	22 50	0 17	19 13	1 20	9 24	0 38	19 49	2 12	12 42	0 36	19 54	1 33	13 57	10 33	17 22	16 54	11 34	14 42	2 40
T 18	23 13	20 13	2 43	17 8	3 46	22 55	0 15	19 3	1 20	9 24	0 38	19 48	2 12	12 42	0 36	19 54	1 33	13 56	10 32	17 24	16 55	11 36	14 41	2 40
F 19	23 13	19 51	1 42	17 17	3 44	22 59	0 12	18 52	1 20	9 24	0 39	19 48	2 12	12 43	0 36	19 54	1 33	13 56	10 32	17 25	16 56	11 38	14 40	2 40
S 20	23 13	18 30	0 35	17 28	3 42	23 3	0 10	18 42	1 19	9 24	0 39	19 47	2 12	12 44	0 36	19 55	1 33	13 55	10 32	17 25	16 57	11 40	14 40	2 41
S 21	23 12	16 11	0n34	17 40	3 39	23 6	0 7	18 31	1 19	9 24	0 39	19 47	2 12	12 44	0 36	19 55	1 33	13 55	10 32	17 26	16 58	11 42	14 39	2 41
M22	23 11	13 1	1 43	17 53	3 36	23 8	0 5	18 21	1 19	9 24	0 39	19 47	2 11	12 45	0 36	19 55	1 33	13 54	10 32	17 25	16 58	11 43	14 38	2 41
T 23	23 10	9 9	2 48	18 7	3 31	23 9	0 3	18 10	1 19	9 24	0 40	19 46	2 11	12 46	0 36	19 56	1 33	13 54	10 31	17 25	16 59	11 45	14 37	2 41
W24	23 8	4 44	3 45	18 21	3 27	23 10	0 0	17 59	1 18	9 24	0 40	19 46	2 11	12 47	0 36	19 56	1 33	13 53	10 31	17 25	17 0	11 47	14 37	2 41
T 25	23 6	0s 1	4 30	18 36	3 21	23 10	0n 2	17 48	1 18	9 24	0 40	19 45	2 11	12 47	0 36	19 56	1 33	13 53	10 31	17 24	17 1	11 49	14 36	2 41
F 26	23 3	4 51	5 0	18 51	3 15	23 10	0 4	17 37	1 18	9 25	0 40	19 45	2 11	12 48	0 36	19 57	1 33	13 52	10 31	17 25	17 2	11 51	14 35	2 41
S 27	23 0	9 31	5 12	19 7	3 8	23 8	0 7	17 26	1 18	9 25	0 40	19 45	2 11	12 49	0 36	19 57	1 33	13 52	10 30	17 26	17 3	11 53	14 34	2 41
S 28	22 57	13 41	5 3	19 23	3 1	23 6	0 9	17 15	1 18	9 26	0 41	19 44	2 11	12 49	0 36	19 57	1 33	13 51	10 30	17 27	17 4	11 55	14 34	2 42
M29	22 53	17 2	4 35	19 39	2 53	23 4	0 12	17 3	1 17	9 26	0 41	19 44	2 10	12 50	0 36	19 57	1 33	13 51	10 30	17 28	17 5	11 57	14 33	2 42
T 30	22n49	19s16	3n48	19n55	2s45	23n 1	0n14	16n52	1n17	9s27	0s41	19s44	2n10	12n50	0s36	19n58	1s33	13n50	10n30	17n29	17n 5	11n59	14s33	2n42

Julian Day Number = 3070052.5, Delta T = 02h36m02s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°28'56, Lahiri = 47°35'57

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

JULY 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 42 0	11♋26'51	8♉11	19♊ 5	12♋ 8	17♌30	7°R 7	10°R52	6♉ 3	8♊24	19♍21	10°R19	11♌45	17♉37	18°R21	W 1
T 2	18 45 57	12°24'22	22°36	20°34	13°22	18° 7	7♓ 6	10♐49	6° 4	8°26	19°22	10♌16	11°42	17°44	18♏20	T 2
F 3	18 49 54	13°21'52	6♒40	22° 5	14°36	18°45	7° 4	10°45	6° 6	8°27	19°23	10°D15	11°39	17°51	18°18	F 3
S 4	18 53 50	14°19'21	20°21	23°38	15°49	19°23	7° 2	10°42	6° 8	8°29	19°23	10°16	11°35	17°58	18°17	S 4
S 5	18 57 47	15°16'50	3♓37	25°15	17° 3	20° 0	7° 0	10°39	6°10	8°31	19°24	10°17	11°32	18° 4	18°16	S 5
M 6	19 1 43	16°14'18	16°29	26°54	18°17	20°38	6°58	10°35	6°11	8°33	19°25	10°18	11°29	18°11	18°15	M 6
T 7	19 5 40	17°11'45	29° 2	28°36	19°31	21°16	6°55	10°32	6°13	8°35	19°27	10°20	11°26	18°18	18°14	T 7
W 8	19 9 36	18° 9'11	11♈17	0♋21	20°45	21°53	6°53	10°29	6°14	8°37	19°28	10°21	11°23	18°25	18°13	W 8
T 9	19 13 33	19° 6'38	23°20	2° 8	21°58	22°31	6°50	10°26	6°16	8°39	19°29	10°R21	11°20	18°31	18°12	T 9
F 10	19 17 29	20° 4'04	5♉16	3°58	23°12	23° 9	6°47	10°23	6°17	8°41	19°30	10°20	11°16	18°38	18°12	F 10
S 11	19 21 26	21° 1'29	17° 9	5°50	24°26	23°47	6°44	10°20	6°19	8°42	19°31	10°18	11°13	18°45	18°11	S 11
S 12	19 25 23	21°58'54	29° 2	7°45	25°40	24°24	6°40	10°17	6°20	8°44	19°32	10°16	11°10	18°51	18°11	S 12
M13	19 29 19	22°56'18	11♊ 1	9°42	26°53	25° 2	6°37	10°15	6°22	8°46	19°33	10°13	11° 7	18°58	18°10	M13
T 14	19 33 16	23°53'43	23° 7	11°41	28° 7	25°40	6°33	10°12	6°23	8°48	19°34	10°11	11° 4	19° 5	18°10	T 14
W15	19 37 12	24°51'06	5♋24	13°43	29°21	26°17	6°29	10° 9	6°24	8°49	19°36	10° 9	11° 0	19°12	18°D10	W15
T 16	19 41 9	25°48'30	17°53	15°47	0♌35	26°55	6°25	10° 7	6°25	8°51	19°37	10° 7	10°57	19°18	18°10	T 16
F 17	19 45 5	26°45'52	0♌35	17°52	1°49	27°33	6°21	10° 4	6°27	8°53	19°38	10° 6	10°54	19°25	18°10	F 17
S 18	19 49 2	27°43'14	13°31	20° 0	3° 2	28°10	6°17	10° 2	6°28	8°54	19°40	10°D 6	10°51	19°32	18°11	S 18
S 19	19 52 58	28°40'36	26°40	22° 8	4°16	28°48	6°12	10° 0	6°29	8°56	19°41	10° 7	10°48	19°38	18°11	S 19
M20	19 56 55	29°37'57	10♍ 3	24°18	5°30	29°26	6° 7	9°58	6°30	8°58	19°42	10° 7	10°45	19°45	18°11	M20
T 21	20 0 52	0♌35'18	23°39	26°28	6°44	0♍ 3	6° 3	9°56	6°31	8°59	19°44	10° 8	10°41	19°52	18°12	T 21
W22	20 4 48	1°32'37	7♎27	28°39	7°57	0°41	5°58	9°54	6°32	9° 1	19°45	10° 9	10°38	19°59	18°13	W22
T 23	20 8 45	2°29'57	21°26	0♌51	9°11	1°19	5°52	9°52	6°33	9° 2	19°46	10° 9	10°35	20° 5	18°14	T 23
F 24	20 12 41	3°27'15	5♏35	3° 2	10°25	1°56	5°47	9°50	6°33	9° 4	19°48	10°R 9	10°32	20°12	18°14	F 24
S 25	20 16 38	4°24'33	19°51	5°13	11°39	2°34	5°42	9°48	6°34	9° 5	19°49	10° 9	10°29	20°19	18°15	S 25
S 26	20 20 34	5°21'51	4♐13	7°24	12°52	3°12	5°36	9°47	6°35	9° 7	19°51	10° 9	10°26	20°26	18°17	S 26
M27	20 24 31	6°19'08	18°36	9°34	14° 6	3°49	5°30	9°45	6°36	9° 8	19°52	10° 9	10°22	20°32	18°18	M27
T 28	20 28 27	7°16'24	2♑56	11°43	15°20	4°27	5°24	9°44	6°36	9° 9	19°54	10° 8	10°19	20°39	18°19	T 28
W29	20 32 24	8°13'41	17° 9	13°50	16°34	5° 5	5°18	9°42	6°37	9°11	19°55	10° 8	10°16	20°46	18°21	W29
T 30	20 36 21	9°10'57	1♒11	15°57	17°47	5°43	5°12	9°41	6°37	9°12	19°57	10° 8	10°13	20°52	18°22	T 30
F 31	20 40 17	10♌ 8'13	14♒57	18♌ 2	19♌ 1	6♍20	5♓ 6	9♐40	6♉38	9♊13	19♍58	10♌ 8	10♌10	20♉59	18♏24	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n44	20s12	2n47	20n11	2s36	22n57	0n16	16n40	1n17	9s28	0s41	19s43	2n10	12n51	0s36	19n58	1s33	13n50	10n30	17n30	17n 6	12n 1	14s32	2n42
T 2	22 39	19 47	1 35	20 27	2 27	22 52	0 19	16 29	1 17	9 28	0 42	19 43	2 10	12 52	0 36	19 58	1 33	13 49	10 29	17 30	17 7	12 3	14 32	2 42
F 3	22 33	18 7	0 20	20 42	2 17	22 47	0 21	16 17	1 16	9 29	0 42	19 43	2 10	12 52	0 36	19 59	1 33	13 49	10 29	17 31	17 8	12 4	14 31	2 42
S 4	22 27	15 27	0s55	20 57	2 8	22 41	0 23	16 5	1 16	9 30	0 42	19 42	2 10	12 53	0 36	19 59	1 33	13 48	10 29	17 31	17 9	12 6	14 31	2 42
S 5	22 21	12 2	2 5	21 11	1 57	22 34	0 26	15 53	1 16	9 31	0 42	19 42	2 9	12 53	0 36	19 59	1 33	13 48	10 29	17 30	17 10	12 8	14 31	2 42
M 6	22 15	8 9	3 6	21 24	1 47	22 27	0 28	15 41	1 16	9 32	0 42	19 42	2 9	12 54	0 36	19 59	1 33	13 47	10 29	17 30	17 11	12 10	14 30	2 42
T 7	22 8	4 1	3 57	21 37	1 36	22 19	0 30	15 29	1 15	9 33	0 43	19 42	2 9	12 54	0 36	20 0	1 33	13 46	10 28	17 29	17 12	12 12	14 30	2 42
W 8	22 0	0n12	4 35	21 48	1 25	22 10	0 32	15 16	1 15	9 34	0 43	19 41	2 9	12 55	0 36	20 0	1 33	13 46	10 28	17 29	17 12	12 14	14 30	2 42
T 9	21 52	4 19	5 1	21 59	1 14	22 1	0 35	15 4	1 15	9 36	0 43	19 41	2 9	12 55	0 36	20 0	1 34	13 45	10 28	17 29	17 13	12 16	14 29	2 42
F 10	21 44	8 13	5 14	22 8	1 2	21 51	0 37	14 51	1 15	9 37	0 43	19 41	2 8	12 56	0 36	20 0	1 34	13 45	10 28	17 29	17 14	12 18	14 29	2 43
S 11	21 36	11 48	5 13	22 15	0 51	21 41	0 39	14 39	1 14	9 38	0 44	19 41	2 8	12 56	0 36	20 1	1 34	13 44	10 28	17 30	17 15	12 20	14 29	2 43
S 12	21 27	14 54	4 58	22 21	0 39	21 29	0 41	14 26	1 14	9 40	0 44	19 41	2 8	12 57	0 36	20 1	1 34	13 43	10 27	17 30	17 16	12 22	14 29	2 43
M13	21 17	17 25	4 31	22 25	0 28	21 18	0 43	14 13	1 14	9 41	0 44	19 40	2 8	12 57	0 36	20 1	1 34	13 43	10 27	17 31	17 17	12 23	14 29	2 43
T 14	21 8	19 12	3 51	22 26	0 16	21 5	0 45	14 0	1 14	9 43	0 44	19 40	2 8	12 57	0 36	20 1	1 34	13 42	10 27	17 32	17 18	12 25	14 28	2 43
W15	20 58	20 7	3 0	22 26	0 5	20 52	0 47	13 48	1 13	9 44	0 44	19 40	2 7	12 58	0 36	20 2	1 34	13 41	10 27	17 32	17 19	12 27	14 28	2 43
T 16	20 47	20 4	2 0	22 24	0n 6	20 39	0 49	13 35	1 13	9 46	0 45	19 40	2 7	12 58	0 36	20 2	1 34	13 41	10 27	17 33	17 19	12 29	14 28	2 43
F 17	20 37	18 59	0 52	22 19	0 17	20 25	0 51	13 21	1 13	9 48	0 45	19 40	2 7	12 59	0 36	20 2	1 34	13 40	10 26	17 33	17 20	12 31	14 28	2 43
S 18	20 26	16 55	0n19	22 12	0 27	20 10	0 53	13 8	1 13	9 50	0 45	19 40	2 7	12 59	0 36	20 2	1 34	13 39	10 26	17 33	17 21	12 33	14 28	2 43
S 19	20 14	13 56	1 30	22 2	0 37	19 54	0 55	12 55	1 12	9 51	0 45	19 40	2 6	12 59	0 36	20 2	1 34	13 39	10 26	17 33	17 22	12 35	14 28	2 43
M20	20 2	10 11	2 38	21 50	0 47	19 39	0 57	12 42	1 12	9 53	0 46	19 39	2 6	12 59	0 36	20 3	1 34	13 38	10 26	17 33	17 23	12 37	14 29	2 43
T 21	19 50	5 51	3 38	21 35	0 56	19 22	0 59	12 28	1 12	9 55	0 46	19 39	2 6	13 0	0 36	20 3	1 34	13 37	10 26	17 33	17 24	12 39	14 29	2 43
W22	19 38	1 10	4 27	21 17	1 4	19 5	1 1	12 15	1 12	9 57	0 46	19 39	2 6	13 0	0 36	20 3	1 34	13 37	10 26	17 32	17 25	12 40	14 29	2 43
T 23	19 25	3s38	5 0	20 57	1 12	18 48	1 2	12 1	1 11	9 59	0 46	19 39	2 6	13 0	0 36	20 3	1 34	13 36	10 26	17 32	17 25	12 42	14 29	2 43
F 24	19 12	8 17	5 16	20 35	1 19	18 30	1 4	11 48	1 11	10 2	0 46	19 39	2 5	13 1	0 36	20 3	1 34	13 35	10 25	17 32	17 26	12 44	14 29	2 43
S 25	18 59	12 31	5 12	20 10	1 25	18 11	1 6	11 34	1 11	10 4	0 47	19 39	2 5	13 1	0 36	20 4	1 34	13 35	10 25	17 32	17 27	12 46	14 30	2 43
S 26	18 45	16 3	4 49	19 43	1 31	17 52	1 7	11 20	1 10	10 6	0 47	19 39	2 5	13 1	0 36	20 4	1 34	13 34	10 25	17 32	17 28	12 48	14 30	2 43
M27	18 31	18 37	4 8	19 14	1 36	17 33	1 9	11 6	1 10	10 8	0 47	19 39	2 5	13 1	0 36	20 4	1 34	13 33	10 25	17 32	17 29	12 50	14 30	2 43
T 28	18 17	19 59	3 12	18 43	1 40	17 13	1 10	10 53	1 10	10 11	0 47	19 39	2 4	13 1	0 36	20 4	1 34	13 33	10 25	17 33	17 30	12 52	14 30	2 43
W29	18 3	20 5	2 4	18 10	1 43	16 52	1 12	10 39	1 10	10 13	0 47	19 39	2 4	13 2	0 36	20 4	1 34	13 32	10 25	17 33	17 30	12 54	14 31	2 43
T 30	17 48	18 55	0 49	17 36	1 46	16 31	1 13	10 25	1 9	10 15	0 48	19 39	2 4	13 2	0 36	20 4	1 34	13 31	10 25	17 33	17 31	12 55	14 31	2 43
F 31	17n33	16s38	0s27	17n 0	1n47	16n10	1n14	10n11	1n 9	10s18	0s48	19s39	2n 4	13n 2	0s36	20n 5	1s34	13n30	10n24	17n33	17n32	12n57	14s32	2n43

Julian Day Number = 3070082.5, Delta T = 02h36m02s
Ecliptic obliquity = 23°13'11, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'00, Lahiri = 47°36'01

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

AUGUST 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 44 14	11♌ 5'28	28♒25	20♌ 5	20♌15	6♍58	5°R 0	9°R39	6♉38	9♊15	20♍ 0	10°R 8	10♌ 6	21♉ 6	18♏26	S 1
S 2	20 48 10	12° 2'44	11♓35	22° 7	21°29	7°36	4♓53	9♐38	6°39	9°16	20° 1	10♌ 8	10° 3	21°13	18°28	S 2
M 3	20 52 7	13° 0'00	24°25	24° 6	22°42	8°13	4°47	9°37	6°39	9°17	20° 3	10° 7	10° 0	21°19	18°30	M 3
T 4	20 56 3	13°57'16	6♈57	26° 4	23°56	8°51	4°40	9°36	6°40	9°18	20° 5	10° 7	9°57	21°26	18°32	T 4
W 5	21 0 0	14°54'33	19°14	28° 1	25°10	9°29	4°33	9°36	6°40	9°20	20° 6	10° 7	9°54	21°33	18°34	W 5
T 6	21 3 56	15°51'49	1♉19	29°55	26°24	10° 6	4°26	9°35	6°40	9°21	20° 8	10° 6	9°51	21°39	18°36	T 6
F 7	21 7 53	16°49'07	13°15	1♍47	27°37	10°44	4°19	9°35	6°40	9°22	20° 9	10°D 6	9°47	21°46	18°39	F 7
S 8	21 11 50	17°46'24	25° 9	3°38	28°51	11°22	4°12	9°34	6°40	9°23	20°11	10° 6	9°44	21°53	18°41	S 8
S 9	21 15 46	18°43'42	7♊ 3	5°27	0♍ 5	11°59	4° 5	9°34	6°40	9°24	20°13	10° 6	9°41	22° 0	18°44	S 9
M10	21 19 43	19°41'01	19° 3	7°13	1°18	12°37	3°58	9°34	6°R40	9°25	20°15	10° 7	9°38	22° 6	18°46	M10
T 11	21 23 39	20°38'20	1♋13	8°58	2°32	13°15	3°50	9°D34	6°40	9°26	20°16	10° 8	9°35	22°13	18°49	T 11
W12	21 27 36	21°35'39	13°37	10°41	3°46	13°53	3°43	9°34	6°40	9°27	20°18	10° 9	9°32	22°20	18°52	W12
T 13	21 31 32	22°32'59	26°16	12°22	5° 0	14°30	3°35	9°34	6°40	9°28	20°20	10°10	9°28	22°26	18°55	T 13
F 14	21 35 29	23°30'20	9♌14	14° 1	6°13	15° 8	3°28	9°34	6°40	9°29	20°22	10°R10	9°25	22°33	18°58	F 14
S 15	21 39 25	24°27'41	22°30	15°38	7°27	15°46	3°20	9°35	6°40	9°30	20°23	10°10	9°22	22°40	19° 2	S 15
S 16	21 43 22	25°25'02	6♍ 3	17°14	8°41	16°24	3°13	9°35	6°39	9°31	20°25	10° 9	9°19	22°47	19° 5	S 16
M17	21 47 19	26°22'23	19°53	18°47	9°55	17° 1	3° 5	9°36	6°39	9°31	20°27	10° 7	9°16	22°53	19° 8	M17
T 18	21 51 15	27°19'45	3♎55	20°18	11° 8	17°39	2°57	9°36	6°39	9°32	20°29	10° 5	9°12	23° 0	19°12	T 18
W19	21 55 12	28°17'07	18° 6	21°48	12°22	18°17	2°50	9°37	6°38	9°33	20°30	10° 3	9° 9	23° 7	19°16	W19
T 20	21 59 8	29°14'30	2♏22	23°16	13°36	18°55	2°42	9°38	6°38	9°34	20°32	10° 1	9° 6	23°14	19°19	T 20
F 21	22 3 5	0♍11'53	16°39	24°41	14°49	19°32	2°34	9°39	6°37	9°34	20°34	9°59	9° 3	23°20	19°23	F 21
S 22	22 7 1	1° 9'16	0♐54	26° 5	16° 3	20°10	2°26	9°40	6°37	9°35	20°36	9°D59	9° 0	23°27	19°27	S 22
S 23	22 10 58	2° 6'39	15° 5	27°27	17°17	20°48	2°19	9°41	6°36	9°36	20°38	9°59	8°57	23°34	19°31	S 23
M24	22 14 54	3° 4'03	29° 9	28°46	18°30	21°26	2°11	9°42	6°36	9°36	20°40	10° 1	8°53	23°40	19°35	M24
T 25	22 18 51	4° 1'27	13♑ 4	0♎ 4	19°44	22° 4	2° 3	9°43	6°35	9°37	20°42	10° 2	8°50	23°47	19°39	T 25
W26	22 22 48	4°58'52	26°50	1°19	20°58	22°41	1°55	9°45	6°34	9°37	20°43	10° 3	8°47	23°54	19°44	W26
T 27	22 26 44	5°56'17	10♒25	2°32	22°11	23°19	1°47	9°46	6°33	9°38	20°45	10°R 4	8°44	24° 1	19°48	T 27
F 28	22 30 41	6°53'43	23°48	3°43	23°25	23°57	1°40	9°48	6°32	9°38	20°47	10° 3	8°41	24° 7	19°52	F 28
S 29	22 34 37	7°51'09	6♓57	4°52	24°38	24°35	1°32	9°50	6°32	9°39	20°49	10° 1	8°38	24°14	19°57	S 29
S 30	22 38 34	8°48'36	19°52	5°58	25°52	25°13	1°24	9°51	6°31	9°39	20°51	9°58	8°34	24°21	20° 2	S 30
M31	22 42 30	9♍46'04	2♈33	7♎ 2	27♍ 6	25♍50	1♓17	9♐53	6♉30	9♊40	20♍53	9♌53	8♌31	24♉27	20♏ 6	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n17	13s28	1s40	16n22	1n48	15n48	1n16	9n56	1n 9	10s20	0s48	19s40	2n 3	13n 2	0s37	20n 5	1s34	13n30	10n24	17n33	17n33	12n59	14s32	2n43
S 2	17 1	9 43	2 46	15 44	1 49	15 26	1 17	9 42	1 8	10 23	0 48	19 40	2 3	13 2	0 37	20 5	1 34	13 29	10 24	17 33	17 34	13 1	14 33	2 43
M 3	16 46	5 36	3 42	15 4	1 48	15 3	1 18	9 28	1 8	10 25	0 48	19 40	2 3	13 2	0 37	20 5	1 34	13 28	10 24	17 33	17 35	13 3	14 33	2 43
T 4	16 29	1 20	4 25	14 23	1 47	14 40	1 19	9 14	1 8	10 28	0 48	19 40	2 3	13 2	0 37	20 5	1 35	13 27	10 24	17 33	17 36	13 5	14 34	2 43
W 5	16 13	2n53	4 56	13 42	1 45	14 17	1 20	8 59	1 8	10 31	0 49	19 40	2 2	13 2	0 37	20 5	1 35	13 27	10 24	17 33	17 36	13 7	14 34	2 43
T 6	15 56	6 55	5 13	13 0	1 43	13 53	1 21	8 45	1 7	10 33	0 49	19 40	2 2	13 2	0 37	20 5	1 35	13 26	10 24	17 33	17 37	13 8	14 35	2 43
F 7	15 39	10 38	5 16	12 18	1 40	13 29	1 22	8 31	1 7	10 36	0 49	19 40	2 2	13 2	0 37	20 5	1 35	13 25	10 24	17 33	17 38	13 10	14 35	2 43
S 8	15 22	13 55	5 6	11 35	1 36	13 4	1 23	8 16	1 7	10 39	0 49	19 41	2 2	13 2	0 37	20 6	1 35	13 24	10 24	17 33	17 39	13 12	14 36	2 43
S 9	15 4	16 39	4 42	10 51	1 32	12 39	1 24	8 2	1 6	10 41	0 49	19 41	2 1	13 2	0 37	20 6	1 35	13 24	10 23	17 33	17 40	13 14	14 37	2 43
M10	14 47	18 41	4 7	10 8	1 27	12 14	1 25	7 47	1 6	10 44	0 50	19 41	2 1	13 2	0 37	20 6	1 35	13 23	10 23	17 33	17 41	13 16	14 38	2 43
T 11	14 29	19 54	3 19	9 24	1 22	11 48	1 25	7 32	1 6	10 47	0 50	19 41	2 1	13 2	0 37	20 6	1 35	13 22	10 23	17 33	17 41	13 18	14 38	2 43
W12	14 11	20 11	2 22	8 40	1 16	11 23	1 26	7 18	1 5	10 50	0 50	19 41	2 1	13 2	0 37	20 6	1 35	13 21	10 23	17 32	17 42	13 20	14 39	2 44
T 13	13 52	19 27	1 16	7 56	1 10	10 56	1 27	7 3	1 5	10 53	0 50	19 42	2 0	13 2	0 37	20 6	1 35	13 21	10 23	17 32	17 43	13 21	14 40	2 44
F 14	13 34	17 42	0 5	7 12	1 3	10 30	1 27	6 48	1 5	10 55	0 50	19 42	2 0	13 2	0 37	20 6	1 35	13 20	10 23	17 32	17 44	13 23	14 41	2 44
S 15	13 15	14 57	1n 8	6 28	0 56	10 3	1 28	6 33	1 4	10 58	0 50	19 42	2 0	13 2	0 37	20 6	1 35	13 19	10 23	17 32	17 45	13 25	14 42	2 44
S 16	12 56	11 21	2 18	5 45	0 49	9 36	1 28	6 19	1 4	11 1	0 50	19 43	2 0	13 2	0 37	20 6	1 35	13 18	10 23	17 32	17 46	13 27	14 42	2 44
M17	12 37	7 4	3 22	5 2	0 41	9 9	1 28	6 4	1 4	11 4	0 51	19 43	1 59	13 2	0 37	20 6	1 35	13 18	10 23	17 33	17 46	13 29	14 43	2 44
T 18	12 17	2 22	4 15	4 18	0 33	8 41	1 29	5 49	1 4	11 7	0 51	19 43	1 59	13 2	0 37	20 6	1 35	13 17	10 23	17 33	17 47	13 31	14 44	2 44
W19	11 58	2s31	4 52	3 36	0 24	8 14	1 29	5 34	1 3	11 10	0 51	19 44	1 59	13 2	0 37	20 7	1 35	13 16	10 23	17 34	17 48	13 32	14 45	2 44
T 20	11 38	7 17	5 12	2 53	0 15	7 46	1 29	5 19	1 3	11 13	0 51	19 44	1 59	13 1	0 37	20 7	1 35	13 15	10 23	17 35	17 49	13 34	14 46	2 44
F 21	11 18	11 39	5 13	2 11	0 6	7 18	1 29	5 4	1 3	11 16	0 51	19 44	1 59	13 1	0 37	20 7	1 35	13 15	10 23	17 35	17 50	13 36	14 47	2 44
S 22	10 58	15 21	4 54	1 30	0s 3	6 49	1 29	4 49	1 2	11 18	0 51	19 45	1 58	13 1	0 37	20 7	1 35	13 14	10 23	17 35	17 51	13 38	14 48	2 44
S 23	10 38	18 7	4 18	0 49	0 13	6 21	1 29	4 34	1 2	11 21	0 51	19 45	1 58	13 1	0 37	20 7	1 35	13 13	10 23	17 35	17 51	13 40	14 49	2 44
M24	10 17	19 47	3 26	0 8	0 23	5 52	1 29	4 19	1 2	11 24	0 51	19 46	1 58	13 1	0 37	20 7	1 36	13 12	10 23	17 35	17 52	13 42	14 50	2 44
T 25	9 57	20 13	2 23	0s31	0 33	5 23	1 28	4 4	1 1	11 27	0 52	19 46	1 58	13 0	0 37	20 7	1 36	13 12	10 23	17 34	17 53	13 43	14 51	2 44
W26	9 36	19 25	1 12	1 11	0 43	4 54	1 28	3 49	1 1	11 30	0 52	19 47	1 57	13 0	0 37	20 7	1 36	13 11	10 23	17 34	17 54	13 45	14 52	2 44
T 27	9 15	17 30	0s 2	1 49	0 53	4 25	1 28	3 33	1 1	11 33	0 52	19 47	1 57	13 0	0 37	20 7	1 36	13 10	10 23	17 34	17 55	13 47	14 54	2 44
F 28	8 54	14 39	1 15	2 27	1 4	3 56	1 27	3 18	1 0	11 36	0 52	19 47	1 57	12 59	0 37	20 7	1 36	13 9	10 23	17 34	17 56	13 49	14 55	2 44
S 29	8 33	11 5	2 22	3 3	1 14	3 26	1 27	3 3	1 0	11 38	0 52	19 48	1 57	12 59	0 37	20 7	1 36	13 9	10 23	17 34	17 56	13 51	14 56	2 44
S 30	8 12	7 3	3 21	3 39	1 25	2 57	1 26	2 48	0 59	11 41	0 52	19 48	1 56	12 59	0 37	20 7	1 36	13 8	10 23	17 35	17 57	13 53	14 57	2 44
M31	7n50	2s48	4s 8	4s14	1s36	2n27	1n25	2n33	0n59	11s44	0s52	19s49	1n56	12n59	0s37	20n 7	1s36	13n 7	10n23	17n37	17n58	13n54	14s58	2n44

Julian Day Number = 3070113.5, Delta T = 02h36m03s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'05, Lahiri = 47°36'05

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

SEPTEMBER 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 46 27	10♍43'33	14♈59	8♎ 3	28♍19	26♍28	1°R 9	9♐55	6°R29	9♊40	20♍55	9°R48	8♌28	24♉34	20♏11	T 1
W 2	22 50 23	11°41'03	27°13	9° 1	29°33	27° 6	1♓ 2	9°57	6♉28	9°40	20°57	9♌43	8°25	24°41	20°16	W 2
T 3	22 54 20	12°38'34	9♉16	9°56	0♎46	27°44	0°54	9°59	6°26	9°40	20°59	9°38	8°22	24°48	20°21	T 3
F 4	22 58 16	13°36'07	21°12	10°49	2° 0	28°22	0°47	10° 2	6°25	9°41	21° 1	9°35	8°18	24°54	20°26	F 4
S 5	23 2 13	14°33'40	3♊ 5	11°38	3°14	29° 0	0°39	10° 4	6°24	9°41	21° 2	9°32	8°15	25° 1	20°31	S 5
S 6	23 6 10	15°31'15	14°58	12°24	4°27	29°38	0°32	10° 6	6°23	9°41	21° 4	9°D32	8°12	25° 8	20°36	S 6
M 7	23 10 6	16°28'51	26°57	13° 6	5°41	0♎16	0°25	10° 9	6°22	9°41	21° 6	9°32	8° 9	25°14	20°42	M 7
T 8	23 14 3	17°26'29	9♋ 7	13°45	6°54	0°54	0°18	10°12	6°20	9°41	21° 8	9°34	8° 6	25°21	20°47	T 8
W 9	23 17 59	18°24'08	21°32	14°20	8° 8	1°31	0°10	10°14	6°19	9°41	21°10	9°35	8° 3	25°28	20°52	W 9
T 10	23 21 56	19°21'48	4♌16	14°51	9°21	2° 9	0° 3	10°17	6°18	9°41	21°12	9°R36	7°59	25°35	20°58	T 10
F 11	23 25 52	20°19'30	17°23	15°18	10°35	2°47	29♒57	10°20	6°16	9°R41	21°14	9°36	7°56	25°41	21° 4	F 11
S 12	23 29 49	21°17'12	0♍54	15°40	11°48	3°25	29°50	10°23	6°15	9°41	21°16	9°34	7°53	25°48	21° 9	S 12
S 13	23 33 45	22°14'56	14°48	15°57	13° 2	4° 3	29°43	10°26	6°13	9°41	21°18	9°30	7°50	25°55	21°15	S 13
M14	23 37 42	23°12'42	29° 2	16° 9	14°15	4°41	29°37	10°29	6°12	9°41	21°20	9°25	7°47	26° 1	21°21	M14
T 15	23 41 39	24°10'28	13♎32	16°16	15°29	5°19	29°30	10°33	6°10	9°41	21°22	9°18	7°43	26° 8	21°27	T 15
W16	23 45 35	25° 8'16	28°11	16°R18	16°42	5°57	29°24	10°36	6° 8	9°41	21°24	9°11	7°40	26°15	21°33	W16
T 17	23 49 32	26° 6'05	12♏50	16°14	17°56	6°35	29°18	10°39	6° 7	9°41	21°26	9° 5	7°37	26°22	21°39	T 17
F 18	23 53 28	27° 3'54	27°25	16° 4	19° 9	7°14	29°11	10°43	6° 5	9°41	21°28	9° 0	7°34	26°28	21°45	F 18
S 19	23 57 25	28° 1'45	11♐49	15°49	20°23	7°52	29° 5	10°46	6° 3	9°40	21°30	8°57	7°31	26°35	21°51	S 19
S 20	0 1 21	28°59'38	26° 0	15°27	21°36	8°30	29° 0	10°50	6° 2	9°40	21°32	8°D56	7°28	26°42	21°57	S 20
M21	0 5 18	29°57'31	9♑55	15° 0	22°49	9° 8	28°54	10°54	6° 0	9°40	21°34	8°56	7°24	26°48	22° 4	M21
T 22	0 9 14	0♎55'25	23°35	14°27	24° 3	9°46	28°48	10°58	5°58	9°39	21°35	8°57	7°21	26°55	22°10	T 22
W23	0 13 11	1°53'20	7♒ 1	13°48	25°16	10°24	28°43	11° 2	5°56	9°39	21°37	8°R58	7°18	27° 2	22°17	W23
T 24	0 17 8	2°51'17	20°13	13° 4	26°30	11° 2	28°38	11° 6	5°54	9°39	21°39	8°57	7°15	27° 9	22°23	T 24
F 25	0 21 4	3°49'15	3♓13	12°16	27°43	11°40	28°33	11°10	5°52	9°38	21°41	8°55	7°12	27°15	22°30	F 25
S 26	0 25 1	4°47'14	16° 2	11°24	28°56	12°18	28°28	11°14	5°50	9°38	21°43	8°49	7° 9	27°22	22°36	S 26
S 27	0 28 57	5°45'14	28°39	10°29	0♏10	12°57	28°23	11°18	5°48	9°37	21°45	8°42	7° 5	27°29	22°43	S 27
M28	0 32 54	6°43'16	11♈ 6	9°32	1°23	13°35	28°18	11°22	5°46	9°37	21°47	8°32	7° 2	27°35	22°50	M28
T 29	0 36 50	7°41'19	23°23	8°35	2°36	14°13	28°14	11°27	5°44	9°36	21°49	8°22	6°59	27°42	22°57	T 29
W30	0 40 47	8♎39'25	5♉30	7♎37	3♏49	14♎51	28♒10	11♐31	5♉42	9♊35	21♍51	8♌11	6♌56	27♉49	23♏ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n29	1n29	4s43	4s48	1s47	1n58	1n25	2n17	0n59	11s47	0s52	19s49	1n56	12n58	0s37	20n 7	1s36	13n 6	10n23	17n38	17n59	13n56	15s 0	2n44
W 2	7 7	5 39	5 4	5 21	1 58	1 28	1 24	2 2	0 58	11 50	0 52	19 50	1 56	12 58	0 37	20 7	1 36	13 6	10 23	17 39	18 0	13 58	15 1	2 44
T 3	6 45	9 31	5 12	5 53	2 9	0 58	1 23	1 47	0 58	11 52	0 52	19 51	1 55	12 57	0 37	20 7	1 36	13 5	10 23	17 41	18 0	14 0	15 2	2 44
F 4	6 23	12 59	5 5	6 24	2 20	0 28	1 22	1 32	0 58	11 55	0 52	19 51	1 55	12 57	0 37	20 7	1 36	13 4	10 23	17 41	18 1	14 2	15 3	2 44
S 5	6 1	15 54	4 46	6 53	2 31	0s 2	1 21	1 16	0 57	11 58	0 52	19 52	1 55	12 57	0 37	20 7	1 36	13 4	10 23	17 42	18 2	14 3	15 5	2 44
S 6	5 39	18 10	4 14	7 21	2 42	0 31	1 20	1 1	0 57	12 0	0 52	19 52	1 55	12 56	0 37	20 7	1 36	13 3	10 23	17 42	18 3	14 5	15 6	2 44
M 7	5 17	19 40	3 31	7 47	2 53	1 1	1 19	0 46	0 57	12 3	0 53	19 53	1 54	12 56	0 37	20 7	1 36	13 2	10 23	17 42	18 4	14 7	15 7	2 44
T 8	4 55	20 17	2 38	8 12	3 3	1 31	1 18	0 31	0 56	12 5	0 53	19 53	1 54	12 55	0 37	20 7	1 36	13 1	10 23	17 42	18 5	14 9	15 9	2 44
W 9	4 33	19 55	1 37	8 35	3 14	2 1	1 17	0 15	0 56	12 8	0 53	19 54	1 54	12 55	0 37	20 7	1 36	13 1	10 23	17 41	18 5	14 11	15 10	2 44
T 10	4 10	18 33	0 29	8 56	3 24	2 31	1 15	0 0	0 56	12 10	0 53	19 55	1 54	12 54	0 37	20 7	1 36	13 0	10 23	17 41	18 6	14 12	15 11	2 44
F 11	3 48	16 9	0n42	9 15	3 34	3 1	1 14	0s15	0 55	12 13	0 53	19 55	1 53	12 54	0 37	20 7	1 36	12 59	10 23	17 41	18 7	14 14	15 13	2 44
S 12	3 25	12 49	1 53	9 32	3 43	3 31	1 13	0 30	0 55	12 15	0 53	19 56	1 53	12 53	0 37	20 7	1 37	12 59	10 23	17 42	18 8	14 16	15 14	2 44
S 13	3 3	8 41	2 59	9 47	3 52	4 0	1 11	0 46	0 55	12 18	0 53	19 57	1 53	12 53	0 37	20 6	1 37	12 58	10 23	17 43	18 9	14 18	15 16	2 44
M14	2 40	3 59	3 55	10 0	4 0	4 30	1 10	1 1	0 54	12 20	0 53	19 57	1 53	12 52	0 37	20 6	1 37	12 57	10 23	17 44	18 9	14 20	15 17	2 44
T 15	2 18	1s 1	4 37	10 10	4 8	5 0	1 8	1 16	0 54	12 22	0 53	19 58	1 52	12 52	0 37	20 6	1 37	12 56	10 23	17 46	18 10	14 21	15 19	2 45
W16	1 55	6 1	5 2	10 17	4 15	5 29	1 6	1 32	0 53	12 24	0 53	19 59	1 52	12 51	0 37	20 6	1 37	12 56	10 23	17 48	18 11	14 23	15 20	2 45
T 17	1 32	10 40	5 7	10 21	4 21	5 59	1 5	1 47	0 53	12 27	0 53	19 59	1 52	12 51	0 38	20 6	1 37	12 55	10 24	17 49	18 12	14 25	15 21	2 45
F 18	1 9	14 39	4 52	10 22	4 26	6 28	1 3	2 2	0 53	12 29	0 53	20 0	1 52	12 50	0 38	20 6	1 37	12 54	10 24	17 51	18 13	14 27	15 23	2 45
S 19	0 47	17 43	4 19	10 20	4 30	6 57	1 1	2 17	0 52	12 31	0 53	20 1	1 52	12 50	0 38	20 6	1 37	12 54	10 24	17 51	18 13	14 29	15 24	2 45
S 20	0 24	19 40	3 30	10 14	4 33	7 26	0 59	2 33	0 52	12 33	0 53	20 2	1 51	12 49	0 38	20 6	1 37	12 53	10 24	17 52	18 14	14 30	15 26	2 45
M21	0 1	20 22	2 30	10 5	4 35	7 55	0 57	2 48	0 52	12 35	0 53	20 2	1 51	12 48	0 38	20 6	1 37	12 52	10 24	17 52	18 15	14 32	15 27	2 45
T 22	0s22	19 50	1 22	9 52	4 35	8 24	0 55	3 3	0 51	12 37	0 53	20 3	1 51	12 48	0 38	20 6	1 37	12 52	10 24	17 51	18 16	14 34	15 29	2 45
W23	0 45	18 11	0 10	9 36	4 33	8 52	0 53	3 18	0 51	12 39	0 53	20 4	1 51	12 47	0 38	20 6	1 37	12 51	10 24	17 51	18 17	14 36	15 31	2 45
T 24	1 8	15 34	1s 0	9 16	4 30	9 20	0 51	3 33	0 50	12 40	0 53	20 5	1 50	12 47	0 38	20 6	1 37	12 50	10 24	17 51	18 17	14 37	15 32	2 45
F 25	1 30	12 12	2 6	8 52	4 25	9 49	0 49	3 48	0 50	12 42	0 53	20 5	1 50	12 46	0 38	20 5	1 37	12 50	10 24	17 52	18 18	14 39	15 34	2 45
S 26	1 53	8 18	3 5	8 26	4 18	10 16	0 46	4 4	0 50	12 44	0 53	20 6	1 50	12 45	0 38	20 5	1 37	12 49	10 25	17 53	18 19	14 41	15 35	2 45
S 27	2 16	4 6	3 53	7 56	4 9	10 44	0 44	4 19	0 49	12 45	0 53	20 7	1 50	12 45	0 38	20 5	1 37	12 49	10 25	17 55	18 20	14 43	15 37	2 45
M28	2 39	0n12	4 30	7 24	3 58	11 12	0 42	4 34	0 49	12 47	0 53	20 8	1 50	12 44	0 38	20 5	1 37	12 48	10 25	17 58	18 21	14 45	15 38	2 45
T 29	3 1	4 27	4 53	6 50	3 46	11 39	0 39	4 49	0 48	12 48	0 53	20 8	1 49	12 43	0 38	20 5	1 37	12 47	10 25	18 0	18 21	14 46	15 40	2 46
W30	3s24	8n28	5s 3	6s14	3s31	12s 6	0n37	5s 4	0n48	12s50	0s53	20s 9	1n49	12n43	0s38	20n 5	1s37	12n47	10n25	18n 3	18n22	14n48	15s42	2n46

Julian Day Number = 3070144.5, Delta T = 02h36m04s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'09, Lahiri = 47°36'09

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

OCTOBER 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 44 43	9♎37'32	17♉30	6°R42	5♏ 3	15♎29	28°R 6	11♐36	5°R40	9°R35	21♍53	8°R 0	6♌53	27♉56	23♏10	T 1
F 2	0 48 40	10°35'40	29°23	5♎49	6°16	16° 8	28♒ 2	11°40	5♉38	9♊34	21°54	7♌51	6°49	28° 2	23°17	F 2
S 3	0 52 36	11°33'51	11♊14	5° 1	7°29	16°46	27°58	11°45	5°36	9°33	21°56	7°45	6°46	28° 9	23°24	S 3
S 4	0 56 33	12°32'03	23° 5	4°18	8°42	17°24	27°54	11°50	5°34	9°33	21°58	7°40	6°43	28°16	23°31	S 4
M 5	1 0 30	13°30'17	5♋ 2	3°41	9°55	18° 3	27°51	11°55	5°32	9°32	22° 0	7°38	6°40	28°22	23°39	M 5
T 6	1 4 26	14°28'34	17° 9	3°12	11° 9	18°41	27°48	12° 0	5°30	9°31	22° 2	7°D38	6°37	28°29	23°46	T 6
W 7	1 8 23	15°26'52	29°31	2°50	12°22	19°19	27°45	12° 5	5°27	9°30	22° 4	7°39	6°34	28°36	23°53	W 7
T 8	1 12 19	16°25'12	12♌14	2°38	13°35	19°58	27°42	12°10	5°25	9°30	22° 5	7°R39	6°30	28°43	24° 0	T 8
F 9	1 16 16	17°23'34	25°21	2°D34	14°48	20°36	27°39	12°15	5°23	9°29	22° 7	7°37	6°27	28°49	24° 8	F 9
S 10	1 20 12	18°21'58	8♍57	2°40	16° 1	21°14	27°37	12°20	5°21	9°28	22° 9	7°34	6°24	28°56	24°15	S 10
S 11	1 24 9	19°20'24	23° 0	2°56	17°14	21°53	27°34	12°25	5°18	9°27	22°11	7°28	6°21	29° 3	24°23	S 11
M12	1 28 5	20°18'52	7♎30	3°20	18°27	22°31	27°32	12°30	5°16	9°26	22°13	7°19	6°18	29° 9	24°30	M12
T 13	1 32 2	21°17'22	22°20	3°54	19°40	23°10	27°30	12°36	5°14	9°25	22°14	7° 9	6°14	29°16	24°37	T 13
W14	1 35 59	22°15'53	7♏22	4°36	20°54	23°48	27°28	12°41	5°11	9°24	22°16	6°58	6°11	29°23	24°45	W14
T 15	1 39 55	23°14'26	22°27	5°26	22° 7	24°27	27°27	12°47	5° 9	9°23	22°18	6°48	6° 8	29°30	24°53	T 15
F 16	1 43 52	24°13'01	7♐23	6°25	23°20	25° 5	27°26	12°52	5° 7	9°22	22°19	6°40	6° 5	29°36	25° 0	F 16
S 17	1 47 48	25°11'38	22° 4	7°30	24°33	25°44	27°24	12°58	5° 4	9°21	22°21	6°34	6° 2	29°43	25° 8	S 17
S 18	1 51 45	26°10'16	6♑25	8°42	25°46	26°22	27°23	13° 3	5° 2	9°20	22°23	6°31	5°59	29°50	25°16	S 18
M19	1 55 41	27° 8'56	20°23	10° 0	26°59	27° 1	27°23	13° 9	5° 0	9°19	22°24	6°30	5°55	29°56	25°23	M19
T 20	1 59 38	28° 7'37	3♒59	11°23	28°12	27°40	27°22	13°15	4°57	9°17	22°26	6°30	5°52	0♊ 3	25°31	T 20
W21	2 3 34	29° 6'20	17°14	12°51	29°24	28°18	27°22	13°21	4°55	9°16	22°28	6°29	5°49	0°10	25°39	W21
T 22	2 7 31	0♏ 5'05	0♓13	14°23	0♐37	28°57	27°D22	13°27	4°52	9°15	22°29	6°28	5°46	0°16	25°47	T 22
F 23	2 11 28	1° 3'51	12°56	15°59	1°50	29°36	27°22	13°32	4°50	9°14	22°31	6°24	5°43	0°23	25°55	F 23
S 24	2 15 24	2° 2'38	25°28	17°37	3° 3	0♏14	27°22	13°38	4°48	9°12	22°33	6°17	5°40	0°30	26° 3	S 24
S 25	2 19 21	3° 1'28	7♈50	19°17	4°16	0°53	27°22	13°44	4°45	9°11	22°34	6° 7	5°36	0°37	26°11	S 25
M26	2 23 17	4° 0'19	20° 3	21° 0	5°29	1°32	27°23	13°51	4°43	9°10	22°36	5°55	5°33	0°43	26°19	M26
T 27	2 27 14	4°59'12	2♉10	22°44	6°42	2°10	27°24	13°57	4°40	9° 9	22°37	5°41	5°30	0°50	26°27	T 27
W28	2 31 10	5°58'07	14°10	24°29	7°54	2°49	27°25	14° 3	4°38	9° 7	22°39	5°26	5°27	0°57	26°35	W28
T 29	2 35 7	6°57'04	26° 5	26°15	9° 7	3°28	27°26	14° 9	4°35	9° 6	22°40	5°13	5°24	1° 3	26°43	T 29
F 30	2 39 3	7°56'03	7♊56	28° 1	10°20	4° 7	27°27	14°15	4°33	9° 5	22°42	5° 1	5°20	1°10	26°51	F 30
S 31	2 43 0	8♏55'04	19♊46	29♎48	11♐33	4♏46	27♒29	14♐22	4♉31	9♊ 3	22♍43	4♌52	5♌17	1♊17	26♏59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s47	12n 6	4 s59	5 s38	3 s15	12 s33	0n34	5 s19	0n48	12 s51	0 s53	20 s10	1n49	12n42	0 s38	20n 5	1 s37	12n46	10n25	18n 6	18n23	14n50	15 s43	2n46
F 2	4 9	15 14	4 43	5 1	2 58	12 59	0 32	5 34	0 47	12 53	0 53	20 11	1 49	12 41	0 38	20 4	1 38	12 46	10 25	18 8	18 24	14 52	15 45	2 46
S 3	4 32	17 44	4 14	4 26	2 40	13 25	0 29	5 49	0 47	12 54	0 53	20 12	1 49	12 41	0 38	20 4	1 38	12 45	10 26	18 10	18 25	14 53	15 46	2 46
S 4	4 55	19 29	3 34	3 51	2 21	13 51	0 27	6 3	0 46	12 55	0 53	20 13	1 48	12 40	0 38	20 4	1 38	12 44	10 26	18 11	18 25	14 55	15 48	2 46
M 5	5 17	20 23	2 44	3 19	2 2	14 16	0 24	6 18	0 46	12 56	0 53	20 13	1 48	12 39	0 38	20 4	1 38	12 44	10 26	18 12	18 26	14 57	15 50	2 46
T 6	5 39	20 22	1 47	2 49	1 42	14 42	0 22	6 33	0 46	12 57	0 53	20 14	1 48	12 38	0 38	20 4	1 38	12 43	10 26	18 12	18 27	14 59	15 51	2 46
W 7	6 2	19 22	0 43	2 22	1 22	15 6	0 19	6 48	0 45	12 58	0 53	20 15	1 48	12 38	0 38	20 4	1 38	12 43	10 26	18 11	18 28	15 0	15 53	2 46
T 8	6 24	17 22	0n24	1 59	1 2	15 31	0 16	7 3	0 45	12 59	0 53	20 16	1 48	12 37	0 38	20 4	1 38	12 42	10 27	18 11	18 29	15 2	15 55	2 46
F 9	6 46	14 24	1 33	1 41	0 43	15 55	0 13	7 17	0 44	13 0	0 53	20 17	1 47	12 36	0 38	20 3	1 38	12 42	10 27	18 12	18 29	15 4	15 56	2 47
S 10	7 8	10 35	2 38	1 26	0 25	16 19	0 11	7 32	0 44	13 1	0 53	20 18	1 47	12 35	0 38	20 3	1 38	12 41	10 27	18 13	18 30	15 6	15 58	2 47
S 11	7 30	6 4	3 36	1 16	0 7	16 42	0 8	7 46	0 44	13 2	0 52	20 18	1 47	12 35	0 38	20 3	1 38	12 41	10 27	18 14	18 31	15 7	16 0	2 47
M12	7 52	1 4	4 22	1 10	0n10	17 5	0 5	8 1	0 43	13 2	0 52	20 19	1 47	12 34	0 38	20 3	1 38	12 40	10 27	18 16	18 32	15 9	16 1	2 47
T 13	8 14	4 s 6	4 51	1 9	0 25	17 28	0 2	8 16	0 43	13 3	0 52	20 20	1 47	12 33	0 38	20 3	1 38	12 40	10 28	18 19	18 32	15 11	16 3	2 47
W14	8 35	9 5	5 1	1 12	0 39	17 50	0 s 1	8 30	0 42	13 4	0 52	20 21	1 47	12 32	0 38	20 2	1 38	12 39	10 28	18 22	18 33	15 12	16 5	2 47
T 15	8 57	13 32	4 50	1 20	0 52	18 11	0 4	8 44	0 42	13 4	0 52	20 22	1 46	12 32	0 38	20 2	1 38	12 39	10 28	18 24	18 34	15 14	16 6	2 47
F 16	9 18	17 5	4 19	1 32	1 4	18 33	0 7	8 59	0 41	13 4	0 52	20 23	1 46	12 31	0 38	20 2	1 38	12 38	10 28	18 26	18 35	15 16	16 8	2 47
S 17	9 40	19 28	3 32	1 48	1 15	18 53	0 10	9 13	0 41	13 5	0 52	20 23	1 46	12 30	0 38	20 2	1 38	12 38	10 28	18 28	18 36	15 18	16 10	2 48
S 18	10 1	20 32	2 32	2 8	1 24	19 14	0 13	9 27	0 41	13 5	0 52	20 24	1 46	12 29	0 38	20 2	1 38	12 37	10 29	18 28	18 36	15 19	16 11	2 48
M19	10 22	20 18	1 24	2 31	1 32	19 33	0 16	9 41	0 40	13 5	0 52	20 25	1 46	12 28	0 38	20 1	1 38	12 37	10 29	18 29	18 37	15 21	16 13	2 48
T 20	10 43	18 52	0 13	2 57	1 38	19 53	0 19	9 56	0 40	13 5	0 52	20 26	1 46	12 28	0 38	20 1	1 38	12 36	10 29	18 29	18 38	15 23	16 15	2 48
W21	11 3	16 25	0 s57	3 26	1 44	20 11	0 22	10 10	0 39	13 5	0 52	20 27	1 45	12 27	0 38	20 1	1 38	12 36	10 29	18 29	18 39	15 25	16 16	2 48
T 22	11 24	13 12	2 2	3 58	1 48	20 30	0 25	10 24	0 39	13 5	0 52	20 28	1 45	12 26	0 38	20 1	1 38	12 36	10 30	18 29	18 39	15 26	16 18	2 48
F 23	11 44	9 25	3 0	4 31	1 51	20 47	0 28	10 38	0 38	13 5	0 52	20 29	1 45	12 25	0 38	20 1	1 38	12 35	10 30	18 30	18 40	15 28	16 20	2 48
S 24	12 4	5 16	3 48	5 6	1 53	21 5	0 31	10 51	0 38	13 5	0 52	20 30	1 45	12 24	0 38	20 0	1 38	12 35	10 30	18 32	18 41	15 30	16 21	2 49
S 25	12 24	0 59	4 24	5 43	1 54	21 21	0 34	11 5	0 38	13 5	0 52	20 30	1 45	12 24	0 38	20 0	1 38	12 35	10 30	18 34	18 42	15 31	16 23	2 49
M26	12 44	3n19	4 48	6 21	1 54	21 37	0 37	11 19	0 37	13 5	0 52	20 31	1 45	12 23	0 38	20 0	1 38	12 34	10 31	18 37	18 43	15 33	16 25	2 49
T 27	13 4	7 26	4 59	7 0	1 54	21 53	0 40	11 33	0 37	13 4	0 52	20 32	1 44	12 22	0 38	20 0	1 39	12 34	10 31	18 41	18 43	15 35	16 26	2 49
W28	13 23	11 13	4 56	7 39	1 52	22 8	0 43	11 46	0 36	13 4	0 51	20 33	1 44	12 21	0 38	19 59	1 39	12 33	10 31	18 44	18 44	15 37	16 28	2 49
T 29	13 43	14 33	4 40	8 19	1 50	22 22	0 46	12 0	0 36	13 3	0 51	20 34	1 44	12 21	0 38	19 59	1 39	12 33	10 32	18 47	18 45	15 38	16 29	2 50
F 30	14 2	17 17	4 12	9 0	1 48	22 36	0 49	12 13	0 35	13 3	0 51	20 35	1 44	12 20	0 38	19 59	1 39	12 33	10 32	18 50	18 46	15 40	16 31	2 50
S 31	14 s20	19n17	3 s33	9 s40	1n45	22 s49	0 s52	12 s26	0n35	13 s 2	0 s51	20 s36	1n44	12n19	0 s38	19n59	1 s39	12n32	10n32	18n53	18n46	15n42	16 s33	2n50

Julian Day Number = 3070174.5, Delta T = 02h36m05s
Ecliptic obliquity = 23°13'13, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'13, Lahiri = 47°36'13

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

NOVEMBER 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 46 56	9♏54'07	1♋37	1♏34	12♐45	5♏24	27♒31	14♐28	4°R28	9°R 2	22♍45	4°R45	5♌14	1♊24	27♏ 7	S 1
M 2	2 50 53	10°53'13	13°33	3°21	13°58	6° 3	27°33	14°34	4♉26	9♊ 0	22°46	4♌42	5°11	1°30	27°15	M 2
T 3	2 54 50	11°52'20	25°38	5° 8	15°11	6°42	27°35	14°41	4°23	8°59	22°47	4°40	5° 8	1°37	27°23	T 3
W 4	2 58 46	12°51'30	7♌57	6°54	16°23	7°21	27°37	14°47	4°21	8°57	22°49	4°40	5° 5	1°44	27°32	W 4
T 5	3 2 43	13°50'42	20°35	8°40	17°36	8° 0	27°40	14°54	4°19	8°56	22°50	4°40	5° 1	1°50	27°40	T 5
F 6	3 6 39	14°49'56	3♍38	10°25	18°48	8°39	27°43	15° 0	4°16	8°54	22°51	4°39	4°58	1°57	27°48	F 6
S 7	3 10 36	15°49'13	17° 8	12°10	20° 1	9°18	27°46	15° 7	4°14	8°53	22°53	4°36	4°55	2° 4	27°56	S 7
S 8	3 14 32	16°48'32	1♎ 9	13°54	21°13	9°57	27°49	15°14	4°12	8°51	22°54	4°30	4°52	2°11	28° 5	S 8
M 9	3 18 29	17°47'52	15°39	15°37	22°26	10°36	27°52	15°20	4° 9	8°50	22°55	4°22	4°49	2°17	28°13	M 9
T 10	3 22 25	18°47'15	0♏34	17°20	23°38	11°15	27°55	15°27	4° 7	8°48	22°57	4°12	4°46	2°24	28°21	T 10
W11	3 26 22	19°46'40	15°46	19° 3	24°51	11°54	27°59	15°34	4° 5	8°47	22°58	4° 1	4°42	2°31	28°29	W11
T 12	3 30 19	20°46'07	1♐ 5	20°44	26° 3	12°33	28° 3	15°41	4° 2	8°45	22°59	3°50	4°39	2°37	28°38	T 12
F 13	3 34 15	21°45'36	16°18	22°25	27°16	13°13	28° 7	15°47	4° 0	8°44	23° 0	3°42	4°36	2°44	28°46	F 13
S 14	3 38 12	22°45'07	1♑16	24° 6	28°28	13°52	28°11	15°54	3°58	8°42	23° 1	3°36	4°33	2°51	28°54	S 14
S 15	3 42 8	23°44'40	15°52	25°45	29°41	14°31	28°16	16° 1	3°56	8°40	23° 2	3°32	4°30	2°57	29° 3	S 15
M16	3 46 5	24°44'14	0♒ 1	27°25	0♑53	15°10	28°20	16° 8	3°53	8°39	23° 4	3°D31	4°26	3° 4	29°11	M16
T 17	3 50 1	25°43'50	13°44	29° 3	2° 5	15°49	28°25	16°15	3°51	8°37	23° 5	3°31	4°23	3°11	29°19	T 17
W18	3 53 58	26°43'27	27° 1	0♐41	3°17	16°29	28°30	16°22	3°49	8°35	23° 6	3°R31	4°20	3°18	29°28	W18
T 19	3 57 54	27°43'06	9♓56	2°18	4°30	17° 8	28°35	16°29	3°47	8°34	23° 7	3°31	4°17	3°24	29°36	T 19
F 20	4 1 51	28°42'47	22°32	3°55	5°42	17°47	28°40	16°36	3°45	8°32	23° 8	3°28	4°14	3°31	29°44	F 20
S 21	4 5 48	29°42'29	4♈55	5°31	6°54	18°27	28°46	16°43	3°43	8°30	23° 9	3°23	4°11	3°38	29°53	S 21
S 22	4 9 44	0♐42'13	17° 6	7° 7	8° 6	19° 6	28°52	16°50	3°41	8°29	23°10	3°15	4° 7	3°44	0♐ 1	S 22
M23	4 13 41	1°41'58	29°10	8°42	9°18	19°45	28°57	16°57	3°38	8°27	23°11	3° 5	4° 4	3°51	0° 9	M23
T 24	4 17 37	2°41'46	11♉ 8	10°17	10°30	20°25	29° 3	17° 4	3°36	8°25	23°11	2°54	4° 1	3°58	0°18	T 24
W25	4 21 34	3°41'35	23° 2	11°51	11°42	21° 4	29°10	17°11	3°34	8°24	23°12	2°42	3°58	4° 5	0°26	W25
T 26	4 25 30	4°41'26	4♊54	13°25	12°54	21°44	29°16	17°18	3°32	8°22	23°13	2°30	3°55	4°11	0°34	T 26
F 27	4 29 27	5°41'19	16°45	14°58	14° 6	22°23	29°22	17°25	3°31	8°20	23°14	2°21	3°52	4°18	0°43	F 27
S 28	4 33 23	6°41'13	28°37	16°31	15°18	23° 3	29°29	17°33	3°29	8°19	23°15	2°13	3°48	4°25	0°51	S 28
S 29	4 37 20	7°41'10	10♋32	18° 4	16°30	23°42	29°36	17°40	3°27	8°17	23°16	2° 8	3°45	4°31	0°59	S 29
M30	4 41 17	8♐41'09	22♋32	19♐36	17♑42	24♏22	29♒43	17♐47	3♉25	8♊15	23♍16	2♌ 5	3♌42	4♊38	1♐ 8	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s39	20n27	2s45	10s20	1n41	23s 1	0s55	12s40	0n34	13s 2	0s51	20s36	1n44	12n18	0s38	19n59	1s39	12n32	10n32	18n54	18n47	15n43	16s34	2n50
M 2	14 57	20 44	1 49	11 0	1 37	23 13	0 58	12 53	0 34	13 1	0 51	20 37	1 44	12 17	0 38	19 58	1 39	12 32	10 33	18 55	18 48	15 45	16 36	2 50
T 3	15 15	20 2	0 48	11 40	1 32	23 24	1 0	13 6	0 34	13 0	0 51	20 38	1 44	12 17	0 38	19 58	1 39	12 32	10 33	18 55	18 49	15 47	16 38	2 51
W 4	15 33	18 24	0n17	12 19	1 27	23 35	1 3	13 19	0 33	12 59	0 51	20 39	1 43	12 16	0 38	19 58	1 39	12 31	10 33	18 55	18 49	15 48	16 39	2 51
T 5	15 51	15 49	1 23	12 58	1 22	23 45	1 6	13 32	0 33	12 58	0 51	20 40	1 43	12 15	0 38	19 58	1 39	12 31	10 34	18 55	18 50	15 50	16 41	2 51
F 6	16 8	12 22	2 27	13 36	1 16	23 54	1 9	13 45	0 32	12 57	0 51	20 41	1 43	12 14	0 38	19 57	1 39	12 31	10 34	18 56	18 51	15 52	16 42	2 51
S 7	16 25	8 11	3 25	14 14	1 10	24 3	1 12	13 58	0 32	12 56	0 51	20 42	1 43	12 13	0 38	19 57	1 39	12 31	10 34	18 56	18 52	15 53	16 44	2 51
S 8	16 42	3 25	4 12	14 50	1 4	24 11	1 15	14 10	0 31	12 55	0 51	20 42	1 43	12 13	0 38	19 57	1 39	12 30	10 34	18 58	18 52	15 55	16 46	2 52
M 9	16 59	1s42	4 46	15 26	0 58	24 18	1 18	14 23	0 31	12 54	0 51	20 43	1 43	12 12	0 38	19 57	1 39	12 30	10 35	19 0	18 53	15 57	16 47	2 52
T 10	17 15	6 52	5 1	16 2	0 52	24 24	1 20	14 35	0 30	12 53	0 50	20 44	1 43	12 11	0 38	19 56	1 39	12 30	10 35	19 2	18 54	15 58	16 49	2 52
W11	17 31	11 42	4 55	16 36	0 45	24 30	1 23	14 48	0 30	12 51	0 50	20 45	1 43	12 10	0 38	19 56	1 39	12 30	10 35	19 5	18 55	16 0	16 50	2 52
T 12	17 47	15 48	4 28	17 9	0 39	24 36	1 26	15 0	0 29	12 50	0 50	20 46	1 42	12 10	0 38	19 56	1 39	12 30	10 36	19 7	18 55	16 2	16 52	2 52
F 13	18 2	18 50	3 43	17 42	0 32	24 40	1 29	15 12	0 29	12 48	0 50	20 46	1 42	12 9	0 37	19 56	1 39	12 29	10 36	19 9	18 56	16 3	16 53	2 53
S 14	18 17	20 31	2 42	18 13	0 25	24 44	1 31	15 24	0 28	12 47	0 50	20 47	1 42	12 8	0 37	19 55	1 39	12 29	10 36	19 10	18 57	16 5	16 55	2 53
S 15	18 32	20 45	1 32	18 44	0 18	24 47	1 34	15 36	0 28	12 45	0 50	20 48	1 42	12 7	0 37	19 55	1 39	12 29	10 37	19 11	18 58	16 7	16 56	2 53
M16	18 47	19 39	0 19	19 13	0 11	24 49	1 36	15 48	0 27	12 44	0 50	20 49	1 42	12 7	0 37	19 55	1 39	12 29	10 37	19 11	18 58	16 8	16 58	2 53
T 17	19 1	17 25	0s54	19 41	0 4	24 51	1 39	16 0	0 27	12 42	0 50	20 50	1 42	12 6	0 37	19 55	1 39	12 29	10 37	19 11	18 59	16 10	17 0	2 54
W18	19 15	14 18	2 2	20 9	0s 2	24 52	1 41	16 11	0 26	12 40	0 50	20 50	1 42	12 5	0 37	19 54	1 39	12 29	10 38	19 11	19 0	16 12	17 1	2 54
T 19	19 28	10 34	3 1	20 35	0 9	24 52	1 44	16 23	0 26	12 38	0 50	20 51	1 42	12 5	0 37	19 54	1 39	12 29	10 38	19 11	19 1	16 13	17 2	2 54
F 20	19 41	6 28	3 50	21 0	0 16	24 52	1 46	16 34	0 25	12 36	0 50	20 52	1 42	12 4	0 37	19 54	1 39	12 29	10 39	19 12	19 1	16 15	17 4	2 55
S 21	19 54	2 10	4 27	21 24	0 23	24 51	1 48	16 46	0 25	12 34	0 50	20 53	1 41	12 3	0 37	19 53	1 39	12 29	10 39	19 13	19 2	16 17	17 5	2 55
S 22	20 7	2n10	4 52	21 47	0 30	24 49	1 50	16 57	0 24	12 32	0 50	20 54	1 41	12 3	0 37	19 53	1 39	12 29	10 39	19 15	19 3	16 18	17 7	2 55
M23	20 19	6 21	5 3	22 9	0 37	24 46	1 53	17 8	0 24	12 30	0 50	20 54	1 41	12 2	0 37	19 53	1 39	12 29	10 40	19 17	19 4	16 20	17 8	2 55
T 24	20 30	10 16	5 0	22 30	0 43	24 43	1 55	17 19	0 23	12 28	0 49	20 55	1 41	12 1	0 37	19 53	1 39	12 29	10 40	19 20	19 4	16 22	17 10	2 56
W25	20 42	13 46	4 45	22 49	0 50	24 39	1 57	17 29	0 23	12 26	0 49	20 56	1 41	12 1	0 37	19 52	1 39	12 29	10 40	19 23	19 5	16 23	17 11	2 56
T 26	20 53	16 42	4 17	23 8	0 56	24 34	1 59	17 40	0 22	12 24	0 49	20 57	1 41	12 0	0 37	19 52	1 39	12 29	10 41	19 25	19 6	16 25	17 13	2 56
F 27	21 3	18 57	3 38	23 25	1 2	24 29	2 1	17 51	0 22	12 21	0 49	20 57	1 41	11 59	0 37	19 52	1 39	12 29	10 41	19 27	19 7	16 27	17 14	2 57
S 28	21 14	20 23	2 49	23 41	1 9	24 23	2 2	18 1	0 21	12 19	0 49	20 58	1 41	11 59	0 37	19 52	1 39	12 29	10 41	19 29	19 7	16 28	17 15	2 57
S 29	21 24	20 56	1 53	23 56	1 15	24 16	2 4	18 11	0 21	12 17	0 49	20 59	1 41	11 58	0 37	19 51	1 39	12 29	10 42	19 30	19 8	16 30	17 17	2 57
M30	21s33	20n31	0s51	24s 9	1s21	24s 9	2s 6	18s22	0n20	12s14	0s49	20s59	1n41	11n57	0s37	19n51	1s39	12n29	10n42	19n31	19n 9	16n31	17s18	2n57

Julian Day Number = 3070205.5, Delta T = 02h36m06s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'17, Lahiri = 47°36'18

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ASTRODIENST EPHEMERIS for the year 3693
geocentric

DECEMBER 3693 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 45 13	9♐41'09	4♌41	21♐ 8	18♑53	25♏ 1	29♒50	17♐54	3°R23	8°R14	23♍17	2°D 5	3♌39	4♊45	1♐16	T 1
W 2	4 49 10	10°41'12	17° 2	22°39	20° 5	25°41	29°57	18° 1	3♉21	8♊12	23°18	2♌ 6	3°36	4°51	1°24	W 2
T 3	4 53 6	11°41'16	29°39	24°10	21°17	26°21	0♓ 4	18° 9	3°20	8°10	23°18	2° 7	3°32	4°58	1°32	T 3
F 4	4 57 3	12°41'23	12♍38	25°40	22°28	27° 0	0°12	18°16	3°18	8° 9	23°19	2°R 7	3°29	5° 5	1°41	F 4
S 5	5 0 59	13°41'31	26° 0	27°10	23°40	27°40	0°20	18°23	3°16	8° 7	23°19	2° 7	3°26	5°12	1°49	S 5
S 6	5 4 56	14°41'42	9♎51	28°40	24°51	28°20	0°27	18°30	3°14	8° 5	23°20	2° 4	3°23	5°18	1°57	S 6
M 7	5 8 52	15°41'54	24° 9	0♑ 9	26° 3	29° 0	0°35	18°37	3°13	8° 4	23°21	1°59	3°20	5°25	2° 5	M 7
T 8	5 12 49	16°42'08	8♏52	1°38	27°14	29°40	0°44	18°45	3°11	8° 2	23°21	1°53	3°17	5°32	2°13	T 8
W 9	5 16 46	17°42'25	23°56	3° 7	28°25	0♐19	0°52	18°52	3°10	8° 0	23°22	1°46	3°13	5°38	2°22	W 9
T 10	5 20 42	18°42'43	9♐11	4°35	29°37	0°59	1° 0	18°59	3° 8	7°59	23°22	1°40	3°10	5°45	2°30	T 10
F 11	5 24 39	19°43'03	24°26	6° 2	0♒48	1°39	1° 9	19° 6	3° 7	7°57	23°22	1°34	3° 7	5°52	2°38	F 11
S 12	5 28 35	20°43'24	9♑31	7°29	1°59	2°19	1°18	19°14	3° 5	7°55	23°23	1°30	3° 4	5°58	2°46	S 12
S 13	5 32 32	21°43'47	24°17	8°55	3°10	2°59	1°26	19°21	3° 4	7°54	23°23	1°28	3° 1	6° 5	2°54	S 13
M14	5 36 28	22°44'12	8♒39	10°21	4°21	3°39	1°35	19°28	3° 3	7°52	23°23	1°D28	2°58	6°12	3° 2	M14
T 15	5 40 25	23°44'37	22°32	11°46	5°32	4°19	1°44	19°35	3° 2	7°50	23°24	1°29	2°54	6°19	3°10	T 15
W16	5 44 22	24°45'04	5♓58	13°11	6°43	4°59	1°54	19°43	3° 0	7°49	23°24	1°31	2°51	6°25	3°18	W16
T 17	5 48 18	25°45'32	18°58	14°34	7°54	5°39	2° 3	19°50	2°59	7°47	23°24	1°32	2°48	6°32	3°26	T 17
F 18	5 52 15	26°46'01	1♈37	15°57	9° 4	6°19	2°13	19°57	2°58	7°46	23°24	1°R32	2°45	6°39	3°34	F 18
S 19	5 56 11	27°46'31	13°58	17°18	10°15	6°59	2°22	20° 4	2°57	7°44	23°25	1°31	2°42	6°45	3°42	S 19
S 20	6 0 8	28°47'02	26° 6	18°38	11°25	7°40	2°32	20°11	2°56	7°43	23°25	1°28	2°38	6°52	3°50	S 20
M21	6 4 4	29°47'35	8♉ 4	19°57	12°36	8°20	2°42	20°19	2°55	7°41	23°25	1°24	2°35	6°59	3°57	M21
T 22	6 8 1	0♑48'08	19°58	21°14	13°46	9° 0	2°52	20°26	2°54	7°39	23°25	1°18	2°32	7° 5	4° 5	T 22
W23	6 11 57	1°48'43	1♊49	22°30	14°56	9°40	3° 2	20°33	2°53	7°38	23°25	1°13	2°29	7°12	4°13	W23
T 24	6 15 54	2°49'20	13°40	23°43	16° 7	10°20	3°12	20°40	2°52	7°36	23°R25	1° 7	2°26	7°19	4°21	T 24
F 25	6 19 51	3°49'57	25°34	24°54	17°17	11° 1	3°22	20°47	2°51	7°35	23°25	1° 3	2°23	7°26	4°28	F 25
S 26	6 23 47	4°50'35	7♋32	26° 2	18°27	11°41	3°33	20°54	2°50	7°34	23°25	1° 0	2°19	7°32	4°36	S 26
S 27	6 27 44	5°51'15	19°35	27° 7	19°36	12°21	3°43	21° 1	2°50	7°32	23°25	0°58	2°16	7°39	4°43	S 27
M28	6 31 40	6°51'56	1♌46	28° 8	20°46	13° 2	3°54	21° 8	2°49	7°31	23°25	0°D57	2°13	7°46	4°51	M28
T 29	6 35 37	7°52'39	14° 7	29° 6	21°56	13°42	4° 5	21°16	2°48	7°29	23°25	0°58	2°10	7°52	4°58	T 29
W30	6 39 33	8°53'22	26°39	29°58	23° 5	14°23	4°16	21°23	2°48	7°28	23°24	0°59	2° 7	7°59	5° 6	W30
T 31	6 43 30	9♑54'07	9♍25	0♒45	24♒14	15♐ 3	4♓26	21♐30	2♉47	7♊26	23♍24	1♌ 1	2♌ 4	8♊ 6	5♐13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s42	19n 9	0n14	24s22	1s26	24s 0	2s 7	18s32	0n20	12s12	0s49	21s 0	1n41	11n57	0s37	19n51	1s39	12n29	10n43	19n31	19n10	16n33	17s19	2n58
W 2	21 51	16 51	1 20	24 33	1 32	23 52	2 9	18 41	0 19	12 9	0 49	21 1	1 41	11 56	0 37	19 51	1 39	12 29	10 43	19 31	19 10	16 35	17 21	2 58
T 3	21 59	13 43	2 23	24 43	1 38	23 42	2 10	18 51	0 19	12 6	0 49	21 2	1 41	11 56	0 37	19 50	1 39	12 29	10 43	19 30	19 11	16 36	17 22	2 58
F 4	22 7	9 51	3 21	24 52	1 43	23 32	2 12	19 1	0 18	12 4	0 49	21 2	1 41	11 55	0 37	19 50	1 39	12 29	10 44	19 30	19 12	16 38	17 23	2 59
S 5	22 14	5 24	4 10	24 59	1 48	23 21	2 13	19 10	0 18	12 1	0 49	21 3	1 40	11 55	0 37	19 50	1 39	12 29	10 44	19 31	19 13	16 40	17 25	2 59
S 6	22 21	0 31	4 46	25 5	1 53	23 10	2 14	19 20	0 17	11 58	0 49	21 4	1 40	11 54	0 37	19 50	1 39	12 29	10 44	19 31	19 13	16 41	17 26	2 59
M 7	22 28	4s32	5 6	25 11	1 57	22 58	2 15	19 29	0 17	11 55	0 49	21 4	1 40	11 54	0 37	19 49	1 39	12 29	10 45	19 32	19 14	16 43	17 27	3 0
T 8	22 34	9 29	5 6	25 14	2 2	22 45	2 17	19 38	0 16	11 52	0 49	21 5	1 40	11 53	0 37	19 49	1 39	12 30	10 45	19 34	19 15	16 44	17 28	3 0
W 9	22 39	13 58	4 46	25 17	2 6	22 32	2 17	19 47	0 16	11 49	0 48	21 6	1 40	11 53	0 37	19 49	1 39	12 30	10 46	19 35	19 15	16 46	17 30	3 0
T 10	22 45	17 35	4 5	25 18	2 10	22 18	2 18	19 55	0 15	11 46	0 48	21 6	1 40	11 52	0 37	19 49	1 39	12 30	10 46	19 37	19 16	16 48	17 31	3 1
F 11	22 50	19 59	3 7	25 18	2 13	22 3	2 19	20 4	0 15	11 43	0 48	21 7	1 40	11 52	0 37	19 48	1 39	12 30	10 46	19 38	19 17	16 49	17 32	3 1
S 12	22 54	20 57	1 56	25 17	2 16	21 48	2 20	20 12	0 14	11 40	0 48	21 7	1 40	11 51	0 37	19 48	1 39	12 30	10 47	19 39	19 18	16 51	17 33	3 2
S 13	22 58	20 25	0 39	25 14	2 19	21 33	2 20	20 21	0 14	11 37	0 48	21 8	1 40	11 51	0 37	19 48	1 39	12 31	10 47	19 39	19 18	16 52	17 34	3 2
M14	23 1	18 34	0s39	25 11	2 22	21 16	2 21	20 29	0 13	11 34	0 48	21 9	1 40	11 50	0 37	19 48	1 39	12 31	10 47	19 39	19 19	16 54	17 35	3 2
T 15	23 4	15 39	1 52	25 6	2 24	21 0	2 21	20 37	0 12	11 30	0 48	21 9	1 40	11 50	0 37	19 47	1 39	12 31	10 48	19 39	19 20	16 56	17 37	3 3
W16	23 7	11 59	2 57	25 0	2 26	20 42	2 21	20 44	0 12	11 27	0 48	21 10	1 40	11 50	0 37	19 47	1 39	12 31	10 48	19 38	19 21	16 57	17 38	3 3
T 17	23 9	7 52	3 50	24 52	2 27	20 24	2 22	20 52	0 11	11 24	0 48	21 10	1 40	11 49	0 37	19 47	1 39	12 31	10 49	19 38	19 21	16 59	17 39	3 3
F 18	23 11	3 31	4 31	24 44	2 28	20 6	2 22	20 59	0 11	11 20	0 48	21 11	1 40	11 49	0 37	19 47	1 39	12 32	10 49	19 38	19 22	17 0	17 40	3 4
S 19	23 12	0n53	4 58	24 34	2 29	19 47	2 22	21 7	0 10	11 17	0 48	21 12	1 40	11 48	0 37	19 46	1 39	12 32	10 49	19 38	19 23	17 2	17 41	3 4
S 20	23 13	5 9	5 11	24 24	2 29	19 28	2 21	21 14	0 10	11 13	0 48	21 12	1 40	11 48	0 37	19 46	1 39	12 32	10 50	19 39	19 23	17 3	17 42	3 5
M21	23 13	9 10	5 10	24 12	2 28	19 8	2 21	21 21	0 9	11 10	0 48	21 13	1 40	11 48	0 37	19 46	1 39	12 33	10 50	19 40	19 24	17 5	17 43	3 5
T 22	23 13	12 49	4 56	23 59	2 27	18 47	2 21	21 27	0 8	11 6	0 48	21 13	1 40	11 48	0 36	19 46	1 39	12 33	10 51	19 41	19 25	17 7	17 44	3 5
W23	23 12	15 56	4 29	23 45	2 25	18 26	2 20	21 34	0 8	11 3	0 48	21 14	1 40	11 47	0 36	19 46	1 39	12 33	10 51	19 42	19 26	17 8	17 45	3 6
T 24	23 11	18 25	3 51	23 30	2 23	18 5	2 20	21 40	0 7	10 59	0 48	21 14	1 40	11 47	0 36	19 45	1 39	12 34	10 51	19 44	19 26	17 10	17 46	3 6
F 25	23 10	20 7	3 2	23 14	2 19	17 43	2 19	21 47	0 7	10 55	0 48	21 15	1 40	11 47	0 36	19 45	1 39	12 34	10 52	19 45	19 27	17 11	17 47	3 7
S 26	23 8	20 55	2 5	22 58	2 15	17 21	2 18	21 53	0 6	10 51	0 48	21 15	1 40	11 47	0 36	19 45	1 39	12 34	10 52	19 45	19 28	17 13	17 48	3 7
S 27	23 6	20 47	1 2	22 41	2 11	16 58	2 17	21 59	0 6	10 47	0 47	21 16	1 40	11 46	0 36	19 45	1 39	12 35	10 53	19 46	19 28	17 14	17 49	3 8
M28	23 3	19 39	0n 5	22 23	2 5	16 35	2 16	22 4	0 5	10 44	0 47	21 16	1 40	11 46	0 36	19 45	1 39	12 35	10 53	19 46	19 29	17 16	17 50	3 8
T 29	22 59	17 36	1 12	22 5	1 58	16 12	2 15	22 10	0 4	10 40	0 47	21 17	1 40	11 46	0 36	19 44	1 39	12 36	10 53	19 46	19 30	17 17	17 50	3 8
W30	22 56	14 40	2 17	21 46	1 51	15 48	2 14	22 15	0 4	10 36	0 47	21 17	1 40	11 46	0 36	19 44	1 38	12 36	10 54	19 45	19 31	17 19	17 51	3 9
T 31	22s51	11n 0	3n17	21s28	1s42	15s24	2s12	22s20	0n 3	10s32	0s47	21s17	1n40	11n46	0s36	19n44	1s38	12n36	10n54	19n45	19n31	17n21	17s52	3n 9

Julian Day Number = 3070235.5, Delta T = 02h36m07s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'21, Lahiri = 47°36'22

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

JANUARY 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 47 26	10♑54'53	22♍27	1♒26	25♒23	15♐44	4♓38	21♐37	2°R47	7°R25	23°R24	1♌ 2	2♌ 0	8♊12	5♐21	F 1
S 2	6 51 23	11°55'41	5♎49	2° 0	26°33	16°24	4°49	21°44	2♉46	7♊24	23♍24	1°R 3	1°57	8°19	5°28	S 2
S 3	6 55 20	12°56'30	19°31	2°27	27°41	17° 5	5° 0	21°50	2°46	7°22	23°23	1° 3	1°54	8°26	5°35	S 3
M 4	6 59 16	13°57'20	3♏35	2°44	28°50	17°45	5°11	21°57	2°46	7°21	23°23	1° 2	1°51	8°32	5°42	M 4
T 5	7 3 13	14°58'12	17°59	2°R53	29°59	18°26	5°23	22° 4	2°45	7°20	23°23	1° 0	1°48	8°39	5°49	T 5
W 6	7 7 9	15°59'04	2♐41	2°51	1♓ 7	19° 7	5°34	22°11	2°45	7°19	23°22	0°59	1°44	8°46	5°57	W 6
T 7	7 11 6	16°59'58	17°35	2°38	2°16	19°47	5°46	22°18	2°45	7°17	23°22	0°57	1°41	8°53	6° 4	T 7
F 8	7 15 2	18° 0'53	2♑33	2°14	3°24	20°28	5°58	22°25	2°45	7°16	23°22	0°55	1°38	8°59	6°11	F 8
S 9	7 18 59	19° 1'49	17°27	1°38	4°32	21° 9	6°10	22°31	2°45	7°15	23°21	0°54	1°35	9° 6	6°17	S 9
S 10	7 22 56	20° 2'46	2♒ 9	0°51	5°40	21°50	6°21	22°38	2°D45	7°14	23°21	0°D54	1°32	9°13	6°24	S 10
M11	7 26 52	21° 3'44	16°32	29♑54	6°47	22°31	6°34	22°45	2°45	7°13	23°20	0°54	1°29	9°19	6°31	M11
T 12	7 30 49	22° 4'41	0♓31	28°47	7°55	23°11	6°46	22°52	2°45	7°12	23°20	0°55	1°25	9°26	6°38	T 12
W13	7 34 45	23° 5'40	14° 5	27°32	9° 2	23°52	6°58	22°58	2°45	7°11	23°19	0°56	1°22	9°33	6°44	W13
T 14	7 38 42	24° 6'39	27°13	26°12	10° 9	24°33	7°10	23° 5	2°45	7°10	23°18	0°56	1°19	9°39	6°51	T 14
F 15	7 42 38	25° 7'38	9♈58	24°49	11°16	25°14	7°22	23°11	2°45	7° 9	23°18	0°57	1°16	9°46	6°58	F 15
S 16	7 46 35	26° 8'37	22°23	23°27	12°23	25°55	7°35	23°18	2°46	7° 8	23°17	0°R57	1°13	9°53	7° 4	S 16
S 17	7 50 31	27° 9'37	4♉32	22° 7	13°29	26°36	7°47	23°24	2°46	7° 7	23°16	0°57	1°10	10° 0	7°10	S 17
M18	7 54 28	28°10'37	16°31	20°53	14°35	27°17	8° 0	23°31	2°46	7° 6	23°16	0°57	1° 6	10° 6	7°17	M18
T 19	7 58 25	29°11'38	28°23	19°46	15°41	27°58	8°12	23°37	2°47	7° 5	23°15	0°57	1° 3	10°13	7°23	T 19
W20	8 2 21	0♒12'38	10♊13	18°48	16°47	28°39	8°25	23°43	2°47	7° 4	23°14	0°57	1° 0	10°20	7°29	W20
T 21	8 6 18	1°13'39	22° 5	18° 0	17°53	29°20	8°38	23°50	2°48	7° 3	23°13	0°D57	0°57	10°26	7°35	T 21
F 22	8 10 14	2°14'40	4♋ 2	17°22	18°58	0♑ 2	8°51	23°56	2°48	7° 2	23°13	0°57	0°54	10°33	7°41	F 22
S 23	8 14 11	3°15'42	16° 7	16°56	20° 3	0°43	9° 4	24° 2	2°49	7° 2	23°12	0°57	0°50	10°40	7°47	S 23
S 24	8 18 7	4°16'43	28°23	16°39	21° 7	1°24	9°17	24° 8	2°50	7° 1	23°11	0°R57	0°47	10°46	7°53	S 24
M25	8 22 4	5°17'45	10♌49	16°D33	22°12	2° 5	9°30	24°14	2°51	7° 0	23°10	0°57	0°44	10°53	7°59	M25
T 26	8 26 0	6°18'47	23°29	16°36	23°16	2°47	9°43	24°20	2°51	6°59	23° 9	0°57	0°41	11° 0	8° 5	T 26
W27	8 29 57	7°19'50	6♍21	16°48	24°20	3°28	9°56	24°26	2°52	6°59	23° 8	0°56	0°38	11° 6	8°11	W27
T 28	8 33 54	8°20'52	19°27	17° 8	25°23	4° 9	10° 9	24°32	2°53	6°58	23° 7	0°55	0°35	11°13	8°16	T 28
F 29	8 37 50	9°21'55	2♎46	17°34	26°26	4°51	10°22	24°38	2°54	6°57	23° 6	0°54	0°31	11°20	8°22	F 29
S 30	8 41 47	10°22'58	16°18	18° 8	27°29	5°32	10°36	24°44	2°55	6°57	23° 5	0°53	0°28	11°27	8°27	S 30
S 31	8 45 43	11♒24'02	0♏ 4	18♑47	28♓31	6♑13	10♓49	24♐49	2♉56	6♊56	23♍ 4	0♌52	0♌25	11♊33	8♐32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s47	6n46	4n 7	21s 9	1s32	14s59	2s11	22s25	0n 3	10s28	0s47	21s18	1n40	11n46	0s36	19n44	1s38	12n37	10n54	19n45	19n32	17n22	17s53	3n10	
S 2	22 41	2 6	4 46	20 51	1 21	14 34	2 9	22 30	0 2	10 24	0 47	21 18	1 40	11 45	0 36	19 44	1 38	12 37	10 55	19 44	19 33	17 24	17 54	3 10	
S 3	22 36	2s47	5 10	20 33	1 9	14 9	2 7	22 34	0 1	10 19	0 47	21 19	1 40	11 45	0 36	19 43	1 38	12 38	10 55	19 44	19 33	17 25	17 54	3 11	
M 4	22 30	7 38	5 16	20 16	0 55	13 44	2 5	22 39	0 1	10 15	0 47	21 19	1 40	11 45	0 36	19 43	1 38	12 38	10 56	19 45	19 34	17 27	17 55	3 11	
T 5	22 23	12 11	5 2	19 59	0 40	13 18	2 3	22 43	0 0	10 11	0 47	21 19	1 40	11 45	0 36	19 43	1 38	12 39	10 56	19 45	19 35	17 28	17 56	3 12	
W 6	22 16	16 6	4 29	19 44	0 24	12 52	2 1	22 47	0s 0	10 7	0 47	21 20	1 40	11 45	0 36	19 43	1 38	12 39	10 56	19 45	19 35	17 30	17 57	3 12	
T 7	22 9	19 2	3 38	19 30	0 7	12 25	1 58	22 51	0 1	10 3	0 47	21 20	1 40	11 45	0 36	19 43	1 38	12 40	10 57	19 46	19 36	17 31	17 57	3 13	
F 8	22 1	20 41	2 31	19 18	0n11	11 58	1 56	22 54	0 2	9 58	0 47	21 21	1 40	11 45	0 36	19 43	1 38	12 40	10 57	19 46	19 37	17 33	17 58	3 13	
S 9	21 53	20 52	1 14	19 7	0 30	11 31	1 53	22 58	0 2	9 54	0 47	21 21	1 40	11 45	0 36	19 42	1 38	12 41	10 57	19 46	19 38	17 34	17 59	3 14	
S 10	21 44	19 37	0s 7	18 58	0 50	11 4	1 51	23 1	0 3	9 50	0 47	21 21	1 40	11 45	0 36	19 42	1 38	12 41	10 58	19 46	19 38	17 36	17 59	3 14	
M11	21 35	17 6	1 26	18 51	1 10	10 37	1 48	23 4	0 3	9 45	0 47	21 22	1 40	11 45	0 36	19 42	1 38	12 42	10 58	19 46	19 39	17 37	18 0	3 15	
T 12	21 26	13 38	2 37	18 46	1 29	10 9	1 45	23 7	0 4	9 41	0 47	21 22	1 40	11 45	0 36	19 42	1 38	12 42	10 59	19 46	19 40	17 39	18 1	3 15	
W13	21 16	9 33	3 37	18 42	1 48	9 41	1 42	23 9	0 5	9 36	0 47	21 22	1 40	11 45	0 36	19 42	1 38	12 43	10 59	19 46	19 40	17 40	18 1	3 16	
T 14	21 6	5 9	4 24	18 40	2 5	9 13	1 39	23 12	0 5	9 32	0 47	21 23	1 40	11 45	0 36	19 42	1 38	12 43	10 59	19 46	19 41	17 42	18 2	3 16	
F 15	20 55	0 39	4 57	18 39	2 21	8 45	1 35	23 14	0 6	9 27	0 47	21 23	1 40	11 46	0 36	19 42	1 38	12 44	11 0	19 46	19 42	17 43	18 2	3 17	
S 16	20 44	3n46	5 14	18 39	2 35	8 16	1 32	23 16	0 7	9 22	0 47	21 23	1 40	11 46	0 36	19 42	1 38	12 45	11 0	19 46	19 42	17 45	18 3	3 17	
S 17	20 32	7 56	5 17	18 41	2 47	7 47	1 28	23 18	0 7	9 18	0 47	21 23	1 40	11 46	0 36	19 41	1 38	12 45	11 0	19 46	19 43	17 46	18 3	3 18	
M18	20 20	11 44	5 6	18 43	2 56	7 19	1 24	23 19	0 8	9 13	0 47	21 24	1 40	11 46	0 36	19 41	1 38	12 46	11 1	19 46	19 44	17 48	18 4	3 18	
T 19	20 8	15 2	4 42	18 47	3 2	6 50	1 20	23 21	0 8	9 8	0 47	21 24	1 40	11 46	0 35	19 41	1 38	12 46	11 1	19 46	19 44	17 49	18 4	3 19	
W20	19 55	17 43	4 6	18 51	3 6	6 21	1 16	23 22	0 9	9 4	0 47	21 24	1 40	11 46	0 35	19 41	1 38	12 47	11 1	19 46	19 45	17 51	18 5	3 19	
T 21	19 42	19 40	3 20	18 55	3 8	5 51	1 12	23 23	0 10	8 59	0 47	21 24	1 40	11 47	0 35	19 41	1 38	12 48	11 2	19 46	19 46	17 52	18 5	3 20	
F 22	19 29	20 46	2 24	19 0	3 7	5 22	1 8	23 24	0 10	8 54	0 47	21 25	1 40	11 47	0 35	19 41	1 38	12 48	11 2	19 46	19 46	17 54	18 6	3 21	
S 23	19 15	20 55	1 21	19 6	3 5	4 53	1 3	23 24	0 11	8 49	0 47	21 25	1 40	11 47	0 35	19 41	1 37	12 49	11 2	19 46	19 47	17 55	18 6	3 21	
S 24	19 1	20 4	0 14	19 12	3 1	4 23	0 59	23 24	0 12	8 45	0 47	21 25	1 40	11 47	0 35	19 41	1 37	12 50	11 3	19 46	19 48	17 57	18 6	3 22	
M25	18 46	18 14	0n55	19 18	2 56	3 54	0 54	23 25	0 12	8 40	0 47	21 25	1 41	11 48	0 35	19 41	1 37	12 50	11 3	19 46	19 49	17 58	18 7	3 22	
T 26	18 31	15 29	2 2	19 24	2 50	3 24	0 49	23 25	0 13	8 35	0 47	21 26	1 41	11 48	0 35	19 41	1 37	12 51	11 3	19 46	19 49	18 0	18 7	3 23	
W27	18 16	11 57	3 4	19 29	2 42	2 55	0 44	23 24	0 14	8 30	0 47	21 26	1 41	11 48	0 35	19 41	1 37	12 51	11 4	19 46	19 50	18 1	18 7	3 23	
T 28	18 1	7 48	3 58	19 35	2 35	2 25	0 39	23 24	0 14	8 25	0 47	21 26	1 41	11 49	0 35	19 41	1 37	12 52	11 4	19 46	19 51	18 3	18 7	3 24	
F 29	17 45	3 12	4 40	19 40	2 26	1 55	0 34	23 23	0 15	8 20	0 47	21 26	1 41	11 49	0 35	19 41	1 37	12 53	11 4	19 46	19 51	18 4	18 8	3 25	
S 30	17 29	1s37	5 7	19 44	2 17	1 25	0 28	23 22	0 16	8 15	0 47	21 26	1 41	11 49	0 35	19 40	1 37	12 53	11 5	19 47	19 52	18 6	18 8	3 25	
S 31	17s12	6s26	5n17	19s48	2n 8	0s56	0s23	23s21	0s16	8s10	0s47	21s26	1n41	11n50	0s35	19n40	1s37	12n54	11n 5	19n47	19n53	18n 7	18s 8	3n26	

Julian Day Number = 3070266.5, Delta T = 02h36m08s
Ecliptic obliquity = 23°13'12, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'26, Lahiri = 47°36'26

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

FEBRUARY 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 49 40	12♒25'06	14♏ 2	19♑32	29♓33	6♑55	11♓ 2	24♐55	2♉57	6°R56	23°R 3	0°D52	0♌22	11♊40	8♐38	M 1
T 2	8 53 36	13°26'10	28°12	20°21	0♈35	7°36	11°16	25° 1	2°58	6♊55	23♍ 2	0♌52	0°19	11°47	8°43	T 2
W 3	8 57 33	14°27'15	12♐31	21°15	1°36	8°18	11°29	25° 6	3° 0	6°55	23° 1	0°53	0°15	11°53	8°48	W 3
T 4	9 1 29	15°28'20	26°58	22°12	2°37	9° 0	11°43	25°12	3° 1	6°55	23° 0	0°54	0°12	12° 0	8°53	T 4
F 5	9 5 26	16°29'25	11♑27	23°12	3°37	9°41	11°57	25°17	3° 2	6°54	22°59	0°56	0° 9	12° 7	8°58	F 5
S 6	9 9 23	17°30'30	25°56	24°16	4°37	10°23	12°10	25°23	3° 3	6°54	22°58	0°R56	0° 6	12°13	9° 3	S 6
S 7	9 13 19	18°31'35	10♒17	25°22	5°37	11° 4	12°24	25°28	3° 5	6°54	22°57	0°56	0° 3	12°20	9° 7	S 7
M 8	9 17 16	19°32'40	24°25	26°30	6°36	11°46	12°38	25°33	3° 6	6°53	22°55	0°55	29♋59	12°27	9°12	M 8
T 9	9 21 12	20°33'44	8♓17	27°41	7°34	12°28	12°52	25°38	3° 8	6°53	22°54	0°53	29°56	12°33	9°17	T 9
W10	9 25 9	21°34'48	21°49	28°54	8°33	13°10	13° 5	25°43	3° 9	6°53	22°53	0°50	29°53	12°40	9°21	W10
T 11	9 29 5	22°35'51	4♈59	0♒ 8	9°30	13°51	13°19	25°48	3°11	6°53	22°52	0°46	29°50	12°47	9°25	T 11
F 12	9 33 2	23°36'54	17°48	1°24	10°27	14°33	13°33	25°53	3°12	6°53	22°50	0°43	29°47	12°53	9°30	F 12
S 13	9 36 58	24°37'57	0♉16	2°42	11°24	15°15	13°47	25°58	3°14	6°53	22°49	0°40	29°44	13° 0	9°34	S 13
S 14	9 40 55	25°38'58	12°29	4° 0	12°19	15°57	14° 1	26° 3	3°16	6°52	22°48	0°38	29°41	13° 7	9°38	S 14
M15	9 44 52	26°39'59	24°29	5°20	13°15	16°39	14°15	26° 8	3°18	6°D52	22°47	0°D37	29°37	13°14	9°42	M15
T 16	9 48 48	27°40'59	6♊22	6°42	14° 9	17°21	14°29	26°12	3°19	6°52	22°45	0°38	29°34	13°20	9°46	T 16
W17	9 52 45	28°41'59	18°12	8° 4	15° 3	18° 3	14°43	26°17	3°21	6°53	22°44	0°39	29°31	13°27	9°49	W17
T 18	9 56 41	29°42'57	0♋ 4	9°27	15°57	18°45	14°57	26°21	3°23	6°53	22°43	0°41	29°28	13°34	9°53	T 18
F 19	10 0 38	0♓43'55	12° 3	10°52	16°49	19°27	15°12	26°26	3°25	6°53	22°41	0°42	29°25	13°40	9°57	F 19
S 20	10 4 34	1°44'52	24°14	12°17	17°41	20° 9	15°26	26°30	3°27	6°53	22°40	0°44	29°21	13°47	10° 0	S 20
S 21	10 8 31	2°45'48	6♌39	13°43	18°32	20°51	15°40	26°34	3°29	6°53	22°38	0°R44	29°18	13°54	10° 3	S 21
M22	10 12 27	3°46'43	19°20	15°10	19°22	21°33	15°54	26°39	3°31	6°53	22°37	0°42	29°15	14° 0	10° 7	M22
T 23	10 16 24	4°47'37	2♍20	16°37	20°12	22°15	16° 8	26°43	3°33	6°54	22°36	0°39	29°12	14° 7	10°10	T 23
W24	10 20 21	5°48'30	15°36	18° 6	21° 0	22°57	16°23	26°47	3°35	6°54	22°34	0°34	29° 9	14°14	10°13	W24
T 25	10 24 17	6°49'23	29° 9	19°35	21°48	23°39	16°37	26°51	3°38	6°54	22°33	0°28	29° 6	14°20	10°16	T 25
F 26	10 28 14	7°50'15	12♎54	21° 5	22°35	24°22	16°51	26°54	3°40	6°55	22°31	0°22	29° 2	14°27	10°19	F 26
S 27	10 32 10	8°51'06	26°50	22°36	23°21	25° 4	17° 5	26°58	3°42	6°55	22°30	0°16	28°59	14°34	10°21	S 27
S 28	10 36 7	9♓51'57	10♏53	24♒ 7	24♈ 5	25♑46	17♓20	27♐ 2	3♉44	6♊55	22♍28	0♌11	28♋56	14♊40	10♐24	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	16s55	10s59	5n 9	19s52	1n58	0s26	0s17	23s20	0s17	8s 5	0s47	21s27	1n41	11n50	0s35	19n40	1s37	12n55	11n 5	19n47	19n53	18n 9	18s 8	3n26	M 1
T 2	16 38	15 0	4 42	19 54	1 49	0n 4	0 11	23 18	0 18	8 0	0 47	21 27	1 41	11 51	0 35	19 40	1 37	12 56	11 5	19 47	19 54	18 10	18 9	3 27	T 2
W 3	16 21	18 10	3 57	19 56	1 39	0 33	0 5	23 16	0 18	7 55	0 47	21 27	1 41	11 51	0 35	19 40	1 37	12 56	11 6	19 47	19 55	18 11	18 9	3 28	W 3
T 4	16 3	20 14	2 57	19 57	1 29	1 3	0n 1	23 14	0 19	7 50	0 47	21 27	1 41	11 51	0 35	19 40	1 37	12 57	11 6	19 46	19 55	18 13	18 9	3 28	T 4
F 5	15 45	20 59	1 46	19 57	1 19	1 32	0 7	23 12	0 20	7 44	0 47	21 27	1 41	11 52	0 35	19 40	1 37	12 58	11 6	19 46	19 56	18 14	18 9	3 29	F 5
S 6	15 27	20 19	0 28	19 55	1 10	2 2	0 14	23 10	0 20	7 39	0 47	21 27	1 41	11 52	0 35	19 40	1 37	12 58	11 7	19 46	19 57	18 16	18 9	3 30	S 6
S 7	15 8	18 20	0s51	19 53	1 0	2 31	0 20	23 7	0 21	7 34	0 47	21 27	1 41	11 53	0 35	19 40	1 37	12 59	11 7	19 46	19 57	18 17	18 9	3 30	S 7
M 8	14 49	15 15	2 6	19 50	0 50	3 0	0 27	23 4	0 22	7 29	0 47	21 27	1 41	11 53	0 35	19 40	1 37	13 0	11 7	19 46	19 58	18 19	18 9	3 31	M 8
T 9	14 30	11 21	3 12	19 46	0 41	3 30	0 34	23 1	0 23	7 24	0 47	21 27	1 42	11 54	0 35	19 40	1 37	13 0	11 7	19 47	19 59	18 20	18 9	3 31	T 9
W10	14 11	6 58	4 5	19 40	0 32	3 59	0 41	22 58	0 23	7 18	0 47	21 28	1 42	11 54	0 35	19 40	1 37	13 1	11 8	19 47	19 59	18 21	18 9	3 32	W10
T 11	13 51	2 23	4 44	19 34	0 23	4 28	0 48	22 54	0 24	7 13	0 47	21 28	1 42	11 55	0 35	19 40	1 36	13 2	11 8	19 48	20 0	18 23	18 9	3 33	T 11
F 12	13 32	2n11	5 7	19 26	0 14	4 57	0 55	22 51	0 25	7 8	0 47	21 28	1 42	11 56	0 35	19 40	1 36	13 3	11 8	19 49	20 1	18 24	18 9	3 33	F 12
S 13	13 12	6 33	5 15	19 18	0 5	5 25	1 2	22 47	0 25	7 3	0 47	21 28	1 42	11 56	0 35	19 41	1 36	13 3	11 8	19 49	20 1	18 26	18 9	3 34	S 13
S 14	12 51	10 33	5 8	19 8	0s 3	5 54	1 10	22 43	0 26	6 57	0 47	21 28	1 42	11 57	0 35	19 41	1 36	13 4	11 8	19 50	20 2	18 27	18 9	3 35	S 14
M15	12 31	14 4	4 48	18 57	0 12	6 22	1 17	22 38	0 27	6 52	0 47	21 28	1 42	11 57	0 35	19 41	1 36	13 5	11 9	19 50	20 3	18 29	18 9	3 35	M15
T 16	12 10	16 58	4 16	18 45	0 20	6 50	1 25	22 34	0 28	6 47	0 47	21 28	1 42	11 58	0 34	19 41	1 36	13 5	11 9	19 50	20 3	18 30	18 9	3 36	T 16
W17	11 49	19 10	3 33	18 32	0 27	7 18	1 33	22 29	0 28	6 41	0 47	21 28	1 42	11 59	0 34	19 41	1 36	13 6	11 9	19 50	20 4	18 31	18 9	3 37	W17
T 18	11 28	20 33	2 40	18 17	0 35	7 46	1 41	22 24	0 29	6 36	0 47	21 28	1 42	11 59	0 34	19 41	1 36	13 7	11 9	19 49	20 5	18 33	18 9	3 37	T 18
F 19	11 7	21 1	1 41	18 2	0 42	8 14	1 49	22 19	0 30	6 30	0 47	21 28	1 42	12 0	0 34	19 41	1 36	13 8	11 10	19 49	20 5	18 34	18 9	3 38	F 19
S 20	10 45	20 29	0 36	17 45	0 49	8 41	1 57	22 14	0 30	6 25	0 47	21 28	1 43	12 1	0 34	19 41	1 36	13 8	11 10	19 49	20 6	18 35	18 8	3 39	S 20
S 21	10 24	18 58	0n32	17 27	0 56	9 8	2 5	22 8	0 31	6 20	0 47	21 28	1 43	12 2	0 34	19 41	1 36	13 9	11 10	19 49	20 7	18 37	18 8	3 39	S 21
M22	10 2	16 28	1 40	17 9	1 3	9 35	2 14	22 2	0 32	6 14	0 47	21 28	1 43	12 2	0 34	19 41	1 36	13 10	11 10	19 49	20 7	18 38	18 8	3 40	M22
T 23	9 40	13 6	2 44	16 49	1 9	10 1	2 22	21 56	0 33	6 9	0 47	21 28	1 43	12 3	0 34	19 41	1 36	13 10	11 10	19 50	20 8	18 40	18 8	3 41	T 23
W24	9 18	9 1	3 40	16 28	1 15	10 27	2 31	21 50	0 33	6 3	0 47	21 28	1 43	12 4	0 34	19 41	1 36	13 11	11 11	19 51	20 9	18 41	18 7	3 41	W24
T 25	8 56	4 24	4 26	16 5	1 21	10 53	2 40	21 44	0 34	5 58	0 47	21 28	1 43	12 4	0 34	19 41	1 36	13 12	11 11	19 52	20 9	18 42	18 7	3 42	T 25
F 26	8 33	0s30	4 56	15 42	1 26	11 19	2 49	21 37	0 35	5 52	0 47	21 28	1 43	12 5	0 34	19 42	1 36	13 13	11 11	19 53	20 10	18 44	18 7	3 43	F 26
S 27	8 11	5 26	5 10	15 18	1 31	11 44	2 58	21 31	0 36	5 47	0 47	21 28	1 43	12 6	0 34	19 42	1 36	13 13	11 11	19 55	20 10	18 45	18 7	3 44	S 27
S 28	7s48	10s 7	5n 5	14s53	1s36	12n 9	3n 7	21s24	0s36	5s41	0s47	21s28	1n43	12n 7	0s34	19n42	1s35	13n14	11n11	19n56	20n11	18n47	18s 6	3n44	S 28

Julian Day Number = 3070297.5, Delta T = 02h36m09s
Ecliptic obliquity = 23°13'13, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'30, Lahiri = 47°36'31

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

MARCH 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 40 3	10♓52'47	25♏ 0	25♒39	24♈49	26♑29	17♓34	27♐ 6	3♉47	6♊56	22°R27	0°R 8	28♋53	14♊47	10♐26	M 1
T 2	10 44 0	11°53'36	9♐ 8	27°12	25°32	27°11	17°48	27° 9	3°49	6°56	22♍26	0°D 7	28°50	14°54	10°29	T 2
W 3	10 47 56	12°54'25	23°16	28°46	26°13	27°53	18° 3	27°12	3°52	6°57	22°24	0♌ 7	28°47	15° 0	10°31	W 3
T 4	10 51 53	13°55'12	7♑23	0♓21	26°54	28°36	18°17	27°16	3°54	6°57	22°23	0° 9	28°43	15° 7	10°33	T 4
F 5	10 55 50	14°56'00	21°26	1°56	27°33	29°18	18°32	27°19	3°56	6°58	22°21	0°10	28°40	15°14	10°35	F 5
S 6	10 59 46	15°56'46	5♒26	3°32	28°11	0♒ 1	18°46	27°22	3°59	6°59	22°20	0°R10	28°37	15°20	10°37	S 6
S 7	11 3 43	16°57'31	19°18	5° 9	28°48	0°43	19° 0	27°25	4° 2	6°59	22°18	0° 8	28°34	15°27	10°39	S 7
M 8	11 7 39	17°58'15	3♓ 2	6°47	29°23	1°26	19°15	27°28	4° 4	7° 0	22°17	0° 4	28°31	15°34	10°41	M 8
T 9	11 11 36	18°58'59	16°34	8°25	29°57	2° 8	19°29	27°31	4° 7	7° 1	22°15	29♋58	28°27	15°41	10°43	T 9
W10	11 15 32	19°59'40	29°51	10° 4	0♉29	2°51	19°43	27°34	4° 9	7° 2	22°14	29°50	28°24	15°47	10°44	W10
T 11	11 19 29	21° 0'21	12♈52	11°44	1° 0	3°34	19°58	27°36	4°12	7° 2	22°12	29°40	28°21	15°54	10°45	T 11
F 12	11 23 25	22° 1'00	25°36	13°25	1°29	4°16	20°12	27°39	4°15	7° 3	22°11	29°30	28°18	16° 1	10°47	F 12
S 13	11 27 22	23° 1'38	8♉ 4	15° 7	1°57	4°59	20°27	27°41	4°18	7° 4	22° 9	29°21	28°15	16° 7	10°48	S 13
S 14	11 31 18	24° 2'14	20°16	16°50	2°23	5°42	20°41	27°44	4°20	7° 5	22° 8	29°14	28°12	16°14	10°49	S 14
M15	11 35 15	25° 2'49	2♊16	18°33	2°47	6°24	20°55	27°46	4°23	7° 6	22° 6	29° 9	28° 8	16°21	10°50	M15
T 16	11 39 12	26° 3'22	14° 9	20°17	3° 9	7° 7	21°10	27°48	4°26	7° 7	22° 5	29° 6	28° 5	16°27	10°51	T 16
W17	11 43 8	27° 3'53	25°58	22° 3	3°30	7°50	21°24	27°50	4°29	7° 8	22° 3	29°D 5	28° 2	16°34	10°51	W17
T 18	11 47 5	28° 4'23	7♋49	23°49	3°48	8°33	21°39	27°52	4°32	7° 9	22° 2	29° 5	27°59	16°41	10°52	T 18
F 19	11 51 1	29° 4'51	19°48	25°36	4° 5	9°16	21°53	27°54	4°35	7°10	22° 0	29° 6	27°56	16°47	10°53	F 19
S 20	11 54 58	0♈ 5'18	2♌ 0	27°24	4°19	9°58	22° 7	27°56	4°38	7°11	21°59	29°R 6	27°53	16°54	10°53	S 20
S 21	11 58 54	1° 5'42	14°29	29°13	4°31	10°41	22°22	27°58	4°41	7°12	21°57	29° 5	27°49	17° 1	10°53	S 21
M22	12 2 51	2° 6'05	27°19	1♈ 3	4°41	11°24	22°36	27°59	4°44	7°13	21°56	29° 2	27°46	17° 7	10°53	M22
T 23	12 6 47	3° 6'26	10♍32	2°54	4°49	12° 7	22°50	28° 1	4°47	7°15	21°54	28°55	27°43	17°14	10°R53	T 23
W24	12 10 44	4° 6'46	24° 9	4°46	4°54	12°50	23° 4	28° 2	4°50	7°16	21°53	28°47	27°40	17°21	10°53	W24
T 25	12 14 41	5° 7'03	8♎ 6	6°38	4°57	13°33	23°19	28° 3	4°53	7°17	21°51	28°37	27°37	17°27	10°53	T 25
F 26	12 18 37	6° 7'19	22°20	8°31	4°R57	14°16	23°33	28° 5	4°56	7°18	21°50	28°26	27°33	17°34	10°53	F 26
S 27	12 22 34	7° 7'34	6♏45	10°25	4°55	14°59	23°47	28° 6	4°59	7°20	21°48	28°15	27°30	17°41	10°52	S 27
S 28	12 26 30	8° 7'47	21°14	12°20	4°51	15°42	24° 1	28° 7	5° 2	7°21	21°47	28° 6	27°27	17°47	10°52	S 28
M29	12 30 27	9° 7'59	5♐42	14°15	4°44	16°26	24°16	28° 7	5° 5	7°22	21°46	28° 0	27°24	17°54	10°51	M29
T 30	12 34 23	10° 8'09	20° 3	16°11	4°35	17° 9	24°30	28° 8	5° 8	7°24	21°44	27°56	27°21	18° 1	10°51	T 30
W31	12 38 20	11♈ 8'19	4♑15	18♈ 7	4♉23	17♒52	24♓44	28♐ 9	5♉12	7♊25	21♍43	27♋54	27♋18	18♊ 7	10♐50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s25	14s17	4n42	14s26	1s41	12n34	3n16	21s16	0s37	5s36	0s47	21s28	1n44	12n 8	0s34	19n42	1s35	13n15	11n11	19n56	20n12	18n48	18s 6	3n45
T 2	7 2	17 38	4 1	13 59	1 45	12 58	3 25	21 9	0 38	5 30	0 47	21 28	1 44	12 8	0 34	19 42	1 35	13 15	11 11	19 56	20 12	18 49	18 5	3 46
W 3	6 39	19 57	3 6	13 30	1 49	13 22	3 35	21 2	0 39	5 25	0 47	21 28	1 44	12 9	0 34	19 42	1 35	13 16	11 12	19 56	20 13	18 51	18 5	3 46
T 4	6 16	21 1	2 0	13 0	1 53	13 45	3 44	20 54	0 39	5 19	0 47	21 28	1 44	12 10	0 34	19 42	1 35	13 17	11 12	19 56	20 14	18 52	18 5	3 47
F 5	5 53	20 45	0 47	12 30	1 56	14 8	3 54	20 46	0 40	5 14	0 48	21 28	1 44	12 11	0 34	19 43	1 35	13 18	11 12	19 56	20 14	18 53	18 4	3 48
S 6	5 30	19 12	0s28	11 58	1 59	14 31	4 3	20 38	0 41	5 8	0 48	21 28	1 44	12 12	0 34	19 43	1 35	13 18	11 12	19 56	20 15	18 55	18 4	3 48
S 7	5 6	16 30	1 42	11 25	2 2	14 53	4 13	20 29	0 42	5 3	0 48	21 27	1 44	12 13	0 34	19 43	1 35	13 19	11 12	19 56	20 16	18 56	18 3	3 49
M 8	4 43	12 55	2 48	10 52	2 4	15 15	4 23	20 21	0 42	4 57	0 48	21 27	1 44	12 14	0 34	19 43	1 35	13 20	11 12	19 57	20 16	18 57	18 3	3 50
T 9	4 19	8 41	3 43	10 17	2 6	15 36	4 33	20 12	0 43	4 52	0 48	21 27	1 45	12 15	0 34	19 43	1 35	13 20	11 12	19 58	20 17	18 59	18 2	3 51
W10	3 56	4 8	4 26	9 41	2 7	15 57	4 42	20 3	0 44	4 46	0 48	21 27	1 45	12 15	0 34	19 43	1 35	13 21	11 12	20 0	20 18	19 0	18 2	3 51
T 11	3 32	0n32	4 53	9 5	2 8	16 17	4 52	19 54	0 45	4 40	0 48	21 27	1 45	12 16	0 34	19 44	1 35	13 22	11 12	20 2	20 18	19 1	18 1	3 52
F 12	3 8	5 4	5 5	8 27	2 9	16 37	5 2	19 45	0 46	4 35	0 48	21 27	1 45	12 17	0 34	19 44	1 35	13 22	11 12	20 4	20 19	19 3	18 1	3 53
S 13	2 45	9 17	5 3	7 48	2 9	16 56	5 12	19 36	0 46	4 29	0 48	21 27	1 45	12 18	0 34	19 44	1 35	13 23	11 13	20 6	20 19	19 4	18 0	3 54
S 14	2 21	13 3	4 46	7 9	2 9	17 14	5 22	19 26	0 47	4 24	0 48	21 27	1 45	12 19	0 34	19 44	1 35	13 24	11 13	20 7	20 20	19 5	18 0	3 54
M15	1 57	16 14	4 17	6 28	2 9	17 32	5 32	19 16	0 48	4 18	0 48	21 27	1 45	12 20	0 34	19 44	1 35	13 24	11 13	20 9	20 21	19 7	17 59	3 55
T 16	1 33	18 42	3 37	5 47	2 8	17 49	5 42	19 7	0 49	4 13	0 48	21 27	1 45	12 21	0 34	19 45	1 35	13 25	11 13	20 9	20 21	19 8	17 59	3 56
W17	1 9	20 22	2 48	5 4	2 7	18 5	5 52	18 56	0 49	4 7	0 48	21 27	1 45	12 22	0 34	19 45	1 35	13 26	11 13	20 9	20 22	19 9	17 58	3 56
T 18	0 46	21 8	1 51	4 21	2 5	18 21	6 2	18 46	0 50	4 2	0 48	21 27	1 46	12 23	0 34	19 45	1 34	13 26	11 13	20 9	20 23	19 11	17 57	3 57
F 19	0 22	20 57	0 50	3 37	2 2	18 35	6 12	18 36	0 51	3 56	0 48	21 27	1 46	12 24	0 34	19 45	1 34	13 27	11 13	20 9	20 23	19 12	17 57	3 58
S 20	0n 2	19 47	0n15	2 51	2 0	18 50	6 21	18 25	0 52	3 50	0 48	21 26	1 46	12 25	0 34	19 46	1 34	13 27	11 13	20 9	20 24	19 13	17 56	3 59
S 21	0 26	17 38	1 21	2 5	1 56	19 3	6 31	18 14	0 53	3 45	0 49	21 26	1 46	12 26	0 34	19 46	1 34	13 28	11 13	20 9	20 24	19 14	17 55	3 59
M22	0 50	14 33	2 25	1 19	1 53	19 15	6 41	18 3	0 53	3 39	0 49	21 26	1 46	12 27	0 34	19 46	1 34	13 29	11 13	20 10	20 25	19 16	17 55	4 0
T 23	1 13	10 40	3 22	0 31	1 48	19 26	6 50	17 52	0 54	3 34	0 49	21 26	1 46	12 28	0 34	19 46	1 34	13 29	11 13	20 11	20 26	19 17	17 54	4 1
W24	1 37	6 8	4 10	0n17	1 44	19 37	6 59	17 41	0 55	3 28	0 49	21 26	1 46	12 29	0 34	19 46	1 34	13 30	11 13	20 13	20 26	19 18	17 53	4 1
T 25	2 1	1 10	4 43	1 6	1 38	19 46	7 8	17 30	0 56	3 23	0 49	21 26	1 47	12 30	0 33	19 47	1 34	13 30	11 13	20 15	20 27	19 20	17 52	4 2
F 26	2 25	3s57	5 1	1 56	1 32	19 54	7 16	17 18	0 57	3 17	0 49	21 26	1 47	12 31	0 33	19 47	1 34	13 31	11 13	20 17	20 28	19 21	17 52	4 3
S 27	2 48	8 56	4 59	2 46	1 26	20 1	7 24	17 6	0 57	3 12	0 49	21 26	1 47	12 32	0 33	19 47	1 34	13 31	11 13	20 19	20 28	19 22	17 51	4 4
S 28	3 12	13 25	4 38	3 37	1 19	20 7	7 32	16 55	0 58	3 6	0 49	21 26	1 47	12 33	0 33	19 47	1 34	13 32	11 13	20 21	20 29	19 23	17 50	4 4
M29	3 35	17 7	4 0	4 28	1 12	20 12	7 40	16 43	0 59	3 1	0 49	21 25	1 47	12 34	0 33	19 48	1 34	13 33	11 13	20 22	20 29	19 25	17 49	4 5
T 30	3 59	19 45	3 6	5 20	1 3	20 15	7 47	16 30	1 0	2 55	0 49	21 25	1 47	12 35	0 33	19 48	1 34	13 33	11 13	20 23	20 30	19 26	17 49	4 6
W31	4n22	21s 7	2n 2	6n12	0s55	20n17	7n53	16s18	1s 1	2s50	0s49	21s25	1n47	12n37	0s33	19n48	1s34	13n34	11n13	20n23	20n31	19n27	17s48	4n 6

Julian Day Number = 3070325.5, Delta T = 02h36m10s
Ecliptic obliquity = 23°13'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'34, Lahiri = 47°36'34

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

APRIL 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 42 16	12♈ 8'26	18♉16	20♈ 3	4°R 8	18♒35	24♓58	28♐ 9	5♉15	7♊26	21°R41	27°D54	27♋14	18♊14	10°R49	T 1
F 2	12 46 13	13° 8'33	2♒ 5	21°59	3♉52	19°18	25°12	28°10	5°18	7°28	21♍40	27°R54	27°11	18°21	10♐48	F 2
S 3	12 50 10	14° 8'37	15°44	23°54	3°32	20° 2	25°26	28°10	5°21	7°29	21°39	27♋53	27° 8	18°27	10°47	S 3
S 4	12 54 6	15° 8'40	29°13	25°49	3°11	20°45	25°40	28°10	5°25	7°31	21°37	27°50	27° 5	18°34	10°45	S 4
M 5	12 58 3	16° 8'42	12♓31	27°42	2°47	21°28	25°54	28°11	5°28	7°33	21°36	27°44	27° 2	18°41	10°44	M 5
T 6	13 1 59	17° 8'42	25°39	29°35	2°21	22°11	26° 8	28°R11	5°31	7°34	21°35	27°34	26°58	18°47	10°42	T 6
W 7	13 5 56	18° 8'40	8♈36	1♉26	1°53	22°55	26°22	28°11	5°34	7°36	21°33	27°22	26°55	18°54	10°41	W 7
T 8	13 9 52	19° 8'37	21°20	3°14	1°24	23°38	26°36	28°10	5°38	7°37	21°32	27° 9	26°52	19° 1	10°39	T 8
F 9	13 13 49	20° 8'31	3♉51	5° 0	0°52	24°22	26°50	28°10	5°41	7°39	21°31	26°55	26°49	19° 7	10°37	F 9
S 10	13 17 45	21° 8'24	16°10	6°43	0°19	25° 5	27° 3	28°10	5°44	7°41	21°29	26°42	26°46	19°14	10°35	S 10
S 11	13 21 42	22° 8'15	28°18	8°22	29♈45	25°48	27°17	28° 9	5°48	7°42	21°28	26°30	26°43	19°21	10°33	S 11
M12	13 25 38	23° 8'03	10♊15	9°57	29° 9	26°32	27°31	28° 9	5°51	7°44	21°27	26°22	26°39	19°27	10°31	M12
T 13	13 29 35	24° 7'50	22° 6	11°27	28°33	27°15	27°45	28° 8	5°55	7°46	21°26	26°16	26°36	19°34	10°29	T 13
W14	13 33 32	25° 7'35	3♋53	12°52	27°56	27°59	27°58	28° 7	5°58	7°47	21°24	26°12	26°33	19°41	10°27	W14
T 15	13 37 28	26° 7'17	15°43	14°12	27°19	28°42	28°12	28° 6	6° 1	7°49	21°23	26°11	26°30	19°48	10°24	T 15
F 16	13 41 25	27° 6'58	27°40	15°26	26°41	29°26	28°25	28° 5	6° 5	7°51	21°22	26°11	26°27	19°54	10°22	F 16
S 17	13 45 21	28° 6'36	9♌50	16°34	26° 4	0♓ 9	28°39	28° 4	6° 8	7°53	21°21	26°11	26°24	20° 1	10°19	S 17
S 18	13 49 18	29° 6'12	22°18	17°35	25°26	0°53	28°52	28° 3	6°11	7°55	21°20	26° 9	26°20	20° 8	10°17	S 18
M19	13 53 14	0♉ 5'46	5♍ 9	18°29	24°50	1°37	29° 6	28° 2	6°15	7°57	21°19	26° 6	26°17	20°14	10°14	M19
T 20	13 57 11	1° 5'17	18°26	19°16	24°14	2°20	29°19	28° 1	6°18	7°58	21°17	26° 0	26°14	20°21	10°11	T 20
W21	14 1 7	2° 4'47	2♎11	19°56	23°39	3° 4	29°32	27°59	6°22	8° 0	21°16	25°51	26°11	20°28	10° 8	W21
T 22	14 5 4	3° 4'14	16°22	20°28	23° 6	3°47	29°45	27°58	6°25	8° 2	21°15	25°40	26° 8	20°34	10° 5	T 22
F 23	14 9 1	4° 3'39	0♏56	20°52	22°34	4°31	29°59	27°56	6°29	8° 4	21°14	25°28	26° 4	20°41	10° 2	F 23
S 24	14 12 57	5° 3'02	15°45	21° 9	22° 4	5°15	0♈12	27°54	6°32	8° 6	21°13	25°17	26° 1	20°48	9°59	S 24
S 25	14 16 54	6° 2'24	0♐40	21°19	21°36	5°58	0°25	27°52	6°35	8° 8	21°12	25° 7	25°58	20°54	9°56	S 25
M26	14 20 50	7° 1'44	15°33	21°R21	21° 9	6°42	0°38	27°50	6°39	8°10	21°11	25° 0	25°55	21° 1	9°53	M26
T 27	14 24 47	8° 1'02	0♑15	21°16	20°45	7°26	0°51	27°48	6°42	8°12	21°10	24°56	25°52	21° 8	9°49	T 27
W28	14 28 43	9° 0'18	14°42	21° 4	20°23	8°10	1° 4	27°46	6°46	8°14	21° 9	24°54	25°49	21°14	9°46	W28
T 29	14 32 40	9°59'33	28°51	20°45	20° 3	8°53	1°16	27°44	6°49	8°16	21° 9	24°D54	25°45	21°21	9°42	T 29
F 30	14 36 36	10♉58'46	12♒41	20♉21	19♈46	9♓37	1♈29	27♐42	6♉53	8♊18	21♍ 8	24°R54	25♋42	21♊28	9♐39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	4n45	21s 9	0n51	7n 4	0s46	20n18	7n59	16s 6	1s 1	2s44	0s49	21s25	1n47	12n38	0s33	19n49	1s34	13n34	11n13	20n23	20n31	19n28	17s47	4n 7	T 1
F 2	5 9	19 52	0s22	7 56	0 36	20 17	8 5	15 53	1 2	2 39	0 50	21 25	1 48	12 39	0 33	19 49	1 34	13 35	11 13	20 23	20 32	19 30	17 46	4 8	F 2
S 3	5 32	17 27	1 33	8 47	0 26	20 15	8 10	15 40	1 3	2 34	0 50	21 25	1 48	12 40	0 33	19 49	1 34	13 35	11 13	20 24	20 32	19 31	17 45	4 9	S 3
S 4	5 55	14 6	2 38	9 39	0 15	20 12	8 14	15 27	1 4	2 28	0 50	21 25	1 48	12 41	0 33	19 49	1 34	13 36	11 13	20 24	20 33	19 32	17 44	4 9	S 4
M 5	6 18	10 5	3 33	10 30	0 4	20 7	8 18	15 14	1 5	2 23	0 50	21 25	1 48	12 42	0 33	19 50	1 34	13 36	11 13	20 26	20 34	19 33	17 43	4 10	M 5
T 6	6 40	5 38	4 15	11 20	0n 7	20 0	8 20	15 1	1 5	2 17	0 50	21 24	1 48	12 43	0 33	19 50	1 34	13 37	11 13	20 27	20 34	19 35	17 43	4 11	T 6
W 7	7 3	0 59	4 44	12 10	0 19	19 52	8 22	14 48	1 6	2 12	0 50	21 24	1 48	12 44	0 33	19 50	1 34	13 37	11 12	20 30	20 35	19 36	17 42	4 11	W 7
T 8	7 26	3n37	4 59	12 58	0 31	19 43	8 23	14 35	1 7	2 7	0 50	21 24	1 48	12 45	0 33	19 51	1 34	13 37	11 12	20 32	20 36	19 37	17 41	4 12	T 8
F 9	7 48	8 0	4 58	13 45	0 44	19 32	8 24	14 21	1 8	2 1	0 50	21 24	1 48	12 46	0 33	19 51	1 33	13 38	11 12	20 35	20 36	19 38	17 40	4 13	F 9
S 10	8 10	12 0	4 43	14 31	0 56	19 19	8 23	14 7	1 9	1 56	0 50	21 24	1 49	12 47	0 33	19 51	1 33	13 38	11 12	20 37	20 37	19 40	17 39	4 13	S 10
S 11	8 33	15 26	4 16	15 15	1 8	19 6	8 22	13 54	1 10	1 51	0 50	21 24	1 49	12 49	0 33	19 52	1 33	13 39	11 12	20 40	20 37	19 41	17 38	4 14	S 11
M12	8 55	18 12	3 37	15 57	1 21	18 51	8 19	13 40	1 10	1 45	0 51	21 24	1 49	12 50	0 33	19 52	1 33	13 39	11 12	20 41	20 38	19 42	17 37	4 15	M12
T 13	9 17	20 10	2 50	16 36	1 33	18 35	8 16	13 26	1 11	1 40	0 51	21 24	1 49	12 51	0 33	19 52	1 33	13 39	11 12	20 42	20 39	19 43	17 36	4 15	T 13
W14	9 38	21 15	1 55	17 14	1 45	18 17	8 12	13 12	1 12	1 35	0 51	21 23	1 49	12 52	0 33	19 52	1 33	13 40	11 12	20 43	20 39	19 44	17 35	4 16	W14
T 15	10 0	21 23	0 55	17 49	1 57	17 59	8 6	12 57	1 13	1 29	0 51	21 23	1 49	12 53	0 33	19 53	1 33	13 40	11 12	20 43	20 40	19 46	17 34	4 17	T 15
F 16	10 21	20 34	0n 8	18 21	2 8	17 39	8 0	12 43	1 14	1 24	0 51	21 23	1 49	12 54	0 33	19 53	1 33	13 41	11 12	20 43	20 40	19 47	17 33	4 17	F 16
S 17	10 42	18 47	1 12	18 51	2 18	17 19	7 53	12 29	1 14	1 19	0 51	21 23	1 49	12 55	0 33	19 53	1 33	13 41	11 11	20 43	20 41	19 48	17 32	4 18	S 17
S 18	11 3	16 4	2 14	19 17	2 28	16 58	7 45	12 14	1 15	1 14	0 51	21 23	1 49	12 56	0 33	19 54	1 33	13 41	11 11	20 44	20 41	19 49	17 31	4 19	S 18
M19	11 24	12 30	3 11	19 41	2 37	16 36	7 37	11 59	1 16	1 9	0 51	21 23	1 50	12 58	0 33	19 54	1 33	13 42	11 11	20 44	20 42	19 50	17 30	4 19	M19
T 20	11 45	8 13	3 59	20 2	2 45	16 14	7 27	11 45	1 17	1 4	0 51	21 23	1 50	12 59	0 33	19 54	1 33	13 42	11 11	20 45	20 43	19 52	17 29	4 20	T 20
W21	12 5	3 22	4 36	20 19	2 52	15 52	7 17	11 30	1 18	0 58	0 52	21 23	1 50	13 0	0 33	19 55	1 33	13 42	11 11	20 47	20 43	19 53	17 28	4 21	W21
T 22	12 25	1s48	4 57	20 34	2 58	15 30	7 6	11 15	1 18	0 53	0 52	21 22	1 50	13 1	0 33	19 55	1 33	13 42	11 11	20 49	20 44	19 54	17 27	4 21	T 22
F 23	12 45	7 0	4 59	20 45	3 3	15 7	6 55	11 0	1 19	0 48	0 52	21 22	1 50	13 2	0 33	19 55	1 33	13 43	11 11	20 51	20 44	19 55	17 26	4 22	F 23
S 24	13 5	11 54	4 42	20 53	3 6	14 44	6 42	10 45	1 20	0 43	0 52	21 22	1 50	13 3	0 33	19 56	1 33	13 43	11 10	20 53	20 45	19 56	17 25	4 22	S 24
S 25	13 25	16 6	4 5	20 57	3 8	14 22	6 30	10 29	1 21	0 38	0 52	21 22	1 50	13 4	0 33	19 56	1 33	13 43	11 10	20 55	20 46	19 57	17 24	4 23	S 25
M26	13 44	19 16	3 12	20 58	3 9	14 0	6 17	10 14	1 22	0 33	0 52	21 22	1 50	13 5	0 33	19 56	1 33	13 43	11 10	20 56	20 46	19 59	17 23	4 24	M26
T 27	14 3	21 7	2 7	20 56	3 8	13 39	6 4	9 59	1 22	0 28	0 52	21 22	1 50	13 7	0 33	19 57	1 33	13 44	11 10	20 57	20 47	20 0	17 22	4 24	T 27
W28	14 22	21 32	0 54	20 50	3 5	13 18	5 50	9 43	1 23	0 23	0 53	21 22	1 50	13 8	0 33	19 57	1 33	13 44	11 10	20 57	20 47	20 1	17 21	4 25	W28
T 29	14 41	20 33	0s21	20 41	3 1	12 58	5 36	9 28	1 24	0 18	0 53	21 22	1 51	13 9	0 33	19 57	1 33	13 44	11 10	20 57	20 48	20 2	17 20	4 25	T 29
F 30	14n59	18s20	1s33	20n29	2n55	12n38	5n22	9s12	1s25	0s13	0s53	21s21	1n51	13n10	0s33	19n58	1s33	13n44	11n 9	20n57	20n49	20n 3	17s19	4n26	F 30

Julian Day Number = 3070356.5, Delta T = 02h36m11s
Ecliptic obliquity = 23°13'14, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'38, Lahiri = 47°36'39

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

MAY 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 40 33	11♉57'57	26♒13	19°R51	19°R31	10♓21	1♈42	27°R39	6♉56	8♊20	21°R 7	24°R53	25♋39	21♊34	9°R35	S 1
S 2	14 44 30	12°57'07	9♓29	19♉16	19♈18	11° 5	1°54	27♐37	6°59	8°22	21♍ 6	24♋50	25°36	21°41	9♐31	S 2
M 3	14 48 26	13°56'14	22°30	18°38	19° 8	11°49	2° 7	27°34	7° 3	8°24	21° 5	24°45	25°33	21°48	9°27	M 3
T 4	14 52 23	14°55'21	5♈18	17°56	19° 1	12°33	2°19	27°32	7° 6	8°27	21° 4	24°37	25°30	21°54	9°24	T 4
W 5	14 56 19	15°54'25	17°56	17°12	18°56	13°16	2°32	27°29	7°10	8°29	21° 4	24°26	25°26	22° 1	9°20	W 5
T 6	15 0 16	16°53'27	0♉22	16°27	18°53	14° 0	2°44	27°26	7°13	8°31	21° 3	24°14	25°23	22° 8	9°16	T 6
F 7	15 4 12	17°52'28	12°39	15°41	18°D53	14°44	2°56	27°23	7°16	8°33	21° 2	24° 2	25°20	22°14	9°12	F 7
S 8	15 8 9	18°51'27	24°46	14°55	18°55	15°28	3° 8	27°20	7°20	8°35	21° 2	23°50	25°17	22°21	9° 8	S 8
S 9	15 12 5	19°50'24	6♊45	14°11	18°59	16°12	3°21	27°17	7°23	8°37	21° 1	23°40	25°14	22°28	9° 4	S 9
M10	15 16 2	20°49'19	18°38	13°28	19° 6	16°56	3°33	27°14	7°27	8°39	21° 0	23°32	25°10	22°34	8°59	M10
T 11	15 19 58	21°48'12	0♋26	12°49	19°15	17°40	3°44	27°11	7°30	8°42	21° 0	23°27	25° 7	22°41	8°55	T 11
W12	15 23 55	22°47'03	12°13	12°12	19°26	18°24	3°56	27° 8	7°33	8°44	20°59	23°24	25° 4	22°48	8°51	W12
T 13	15 27 52	23°45'52	24° 2	11°39	19°39	19° 8	4° 8	27° 4	7°37	8°46	20°59	23°D23	25° 1	22°54	8°47	T 13
F 14	15 31 48	24°44'38	5♌59	11°11	19°54	19°51	4°20	27° 1	7°40	8°48	20°58	23°24	24°58	23° 1	8°42	F 14
S 15	15 35 45	25°43'23	18° 7	10°47	20°11	20°35	4°31	26°57	7°43	8°50	20°58	23°24	24°55	23° 8	8°38	S 15
S 16	15 39 41	26°42'05	0♍32	10°28	20°30	21°19	4°43	26°54	7°47	8°53	20°57	23°R25	24°51	23°14	8°34	S 16
M17	15 43 38	27°40'45	13°20	10°14	20°51	22° 3	4°54	26°50	7°50	8°55	20°57	23°23	24°48	23°21	8°29	M17
T 18	15 47 34	28°39'23	26°33	10° 4	21°14	22°47	5° 5	26°47	7°53	8°57	20°56	23°20	24°45	23°28	8°25	T 18
W19	15 51 31	29°37'59	10♎16	10°D 0	21°38	23°31	5°17	26°43	7°56	8°59	20°56	23°15	24°42	23°34	8°20	W19
T 20	15 55 27	0♊36'33	24°28	10° 1	22° 4	24°15	5°28	26°39	8° 0	9° 2	20°56	23° 8	24°39	23°41	8°16	T 20
F 21	15 59 24	1°35'04	9♏ 6	10° 7	22°32	24°59	5°39	26°35	8° 3	9° 4	20°55	23° 0	24°35	23°48	8°11	F 21
S 22	16 3 21	2°33'34	24° 4	10°17	23° 1	25°43	5°50	26°31	8° 6	9° 6	20°55	22°52	24°32	23°54	8° 7	S 22
S 23	16 7 17	3°32'02	9♐14	10°33	23°31	26°27	6° 1	26°28	8° 9	9° 8	20°55	22°45	24°29	24° 1	8° 2	S 23
M24	16 11 14	4°30'29	24°25	10°53	24° 4	27°11	6°11	26°24	8°12	9°11	20°54	22°40	24°26	24° 8	7°58	M24
T 25	16 15 10	5°28'54	9♑27	11°18	24°37	27°55	6°22	26°20	8°16	9°13	20°54	22°38	24°23	24°14	7°53	T 25
W26	16 19 7	6°27'17	24°13	11°46	25°12	28°39	6°32	26°16	8°19	9°15	20°54	22°D37	24°20	24°21	7°49	W26
T 27	16 23 3	7°25'38	8♒37	12°19	25°48	29°23	6°43	26°11	8°22	9°17	20°54	22°38	24°16	24°28	7°44	T 27
F 28	16 27 0	8°23'59	22°38	12°56	26°25	0♈ 6	6°53	26° 7	8°25	9°20	20°54	22°39	24°13	24°34	7°40	F 28
S 29	16 30 57	9°22'17	6♓14	13°37	27° 4	0°50	7° 3	26° 3	8°28	9°22	20°54	22°R40	24°10	24°41	7°35	S 29
S 30	16 34 53	10°20'35	19°29	14°21	27°44	1°34	7°13	25°59	8°31	9°24	20°54	22°40	24° 7	24°48	7°31	S 30
M31	16 38 50	11♊18'50	2♈23	15♉ 9	28♈24	2♈18	7♈23	25♐55	8♉34	9♊26	20♍54	22♋37	24♋ 4	24♊54	7♐26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n17	15s 9	2s38	20n14	2n47	12n19	5n 8	8s56	1s26	0s 9	0s53	21s21	1n51	13n11	0s33	19n58	1s33	13n44	11n 9	20n57	20n49	20n 4	17s17	4n27
S 2	15 35	11 14	3 33	19 56	2 38	12 2	4 54	8 41	1 26	0 4	0 53	21 21	1 51	13 12	0 33	19 58	1 33	13 45	11 9	20 58	20 50	20 5	17 16	4 27
M 3	15 53	6 53	4 16	19 35	2 28	11 45	4 40	8 25	1 27	0n 1	0 53	21 21	1 51	13 13	0 33	19 59	1 33	13 45	11 9	20 59	20 50	20 7	17 15	4 28
T 4	16 10	2 17	4 45	19 12	2 16	11 29	4 26	8 9	1 28	0 6	0 53	21 21	1 51	13 14	0 33	19 59	1 33	13 45	11 9	21 0	20 51	20 8	17 14	4 28
W 5	16 27	2n20	5 0	18 47	2 3	11 14	4 11	7 53	1 29	0 11	0 54	21 21	1 51	13 15	0 33	20 0	1 33	13 45	11 8	21 2	20 51	20 9	17 13	4 29
T 6	16 44	6 48	5 0	18 20	1 49	11 0	3 57	7 37	1 30	0 15	0 54	21 21	1 51	13 17	0 33	20 0	1 33	13 45	11 8	21 4	20 52	20 10	17 12	4 29
F 7	17 0	10 56	4 47	17 52	1 33	10 47	3 43	7 21	1 30	0 20	0 54	21 20	1 51	13 18	0 33	20 0	1 33	13 45	11 8	21 6	20 53	20 11	17 11	4 30
S 8	17 16	14 35	4 20	17 24	1 17	10 35	3 30	7 5	1 31	0 25	0 54	21 20	1 51	13 19	0 33	20 1	1 33	13 45	11 8	21 8	20 53	20 12	17 10	4 30
S 9	17 32	17 36	3 42	16 55	1 1	10 24	3 16	6 49	1 32	0 29	0 54	21 20	1 51	13 20	0 33	20 1	1 33	13 45	11 8	21 10	20 54	20 13	17 9	4 31
M10	17 48	19 51	2 54	16 26	0 44	10 14	3 3	6 32	1 33	0 34	0 54	21 20	1 51	13 21	0 33	20 1	1 33	13 45	11 7	21 11	20 54	20 14	17 8	4 31
T 11	18 3	21 14	2 0	15 58	0 27	10 5	2 50	6 16	1 33	0 38	0 55	21 20	1 51	13 22	0 33	20 2	1 33	13 45	11 7	21 12	20 55	20 16	17 7	4 32
W12	18 18	21 41	0 59	15 31	0 10	9 57	2 37	6 0	1 34	0 43	0 55	21 20	1 52	13 23	0 33	20 2	1 32	13 45	11 7	21 13	20 55	20 17	17 6	4 32
T 13	18 33	21 10	0n 4	15 5	0s 7	9 50	2 24	5 43	1 35	0 47	0 55	21 20	1 52	13 24	0 33	20 2	1 32	13 45	11 7	21 13	20 56	20 18	17 4	4 33
F 14	18 47	19 41	1 7	14 40	0 24	9 45	2 11	5 27	1 36	0 52	0 55	21 20	1 52	13 25	0 33	20 3	1 32	13 45	11 7	21 13	20 57	20 19	17 3	4 33
S 15	19 1	17 18	2 9	14 17	0 40	9 40	1 59	5 11	1 36	0 56	0 55	21 19	1 52	13 26	0 33	20 3	1 32	13 45	11 6	21 13	20 57	20 20	17 2	4 33
S 16	19 14	14 5	3 6	13 57	0 56	9 36	1 47	4 54	1 37	1 0	0 55	21 19	1 52	13 27	0 33	20 3	1 32	13 45	11 6	21 13	20 58	20 21	17 1	4 34
M17	19 28	10 7	3 55	13 38	1 11	9 33	1 36	4 38	1 38	1 5	0 56	21 19	1 52	13 28	0 33	20 4	1 32	13 45	11 6	21 13	20 58	20 22	17 0	4 34
T 18	19 41	5 33	4 34	13 21	1 25	9 31	1 24	4 21	1 39	1 9	0 56	21 19	1 52	13 29	0 33	20 4	1 32	13 45	11 6	21 13	20 59	20 23	16 59	4 35
W19	19 53	0 34	4 59	13 7	1 38	9 29	1 13	4 5	1 39	1 13	0 56	21 19	1 52	13 30	0 33	20 4	1 32	13 45	11 5	21 14	20 59	20 24	16 58	4 35
T 20	20 6	4s38	5 7	12 55	1 51	9 29	1 2	3 48	1 40	1 17	0 56	21 19	1 52	13 31	0 33	20 5	1 32	13 45	11 5	21 16	21 0	20 25	16 57	4 35
F 21	20 17	9 44	4 55	12 46	2 3	9 30	0 52	3 31	1 41	1 22	0 56	21 19	1 52	13 32	0 33	20 5	1 32	13 45	11 5	21 17	21 1	20 26	16 56	4 36
S 22	20 29	14 22	4 23	12 39	2 14	9 31	0 42	3 15	1 42	1 26	0 56	21 19	1 52	13 33	0 33	20 5	1 32	13 45	11 5	21 18	21 1	20 27	16 55	4 36
S 23	20 40	18 8	3 32	12 34	2 24	9 33	0 32	2 58	1 42	1 30	0 57	21 18	1 52	13 34	0 33	20 6	1 32	13 45	11 4	21 19	21 2	20 28	16 54	4 36
M24	20 51	20 40	2 26	12 31	2 33	9 36	0 22	2 41	1 43	1 34	0 57	21 18	1 52	13 36	0 33	20 6	1 32	13 45	11 4	21 20	21 2	20 30	16 53	4 37
T 25	21 1	21 43	1 11	12 31	2 42	9 39	0 13	2 25	1 44	1 38	0 57	21 18	1 52	13 36	0 33	20 6	1 32	13 45	11 4	21 20	21 3	20 31	16 52	4 37
W26	21 11	21 13	0s 9	12 32	2 49	9 43	0 4	2 8	1 44	1 42	0 57	21 18	1 52	13 37	0 33	20 7	1 32	13 44	11 4	21 21	21 3	20 32	16 51	4 37
T 27	21 21	19 19	1 26	12 36	2 56	9 48	0s 5	1 51	1 45	1 46	0 57	21 18	1 52	13 38	0 33	20 7	1 32	13 44	11 3	21 20	21 4	20 33	16 50	4 38
F 28	21 30	16 18	2 35	12 41	3 2	9 53	0 14	1 35	1 46	1 50	0 58	21 18	1 52	13 39	0 33	20 7	1 32	13 44	11 3	21 20	21 4	20 34	16 49	4 38
S 29	21 39	12 28	3 34	12 48	3 7	10 0	0 22	1 18	1 47	1 53	0 58	21 18	1 52	13 40	0 33	20 8	1 32	13 44	11 3	21 20	21 5	20 35	16 48	4 38
S 30	21 48	8 7	4 20	12 57	3 11	10 6	0 30	1 1	1 47	1 57	0 58	21 18	1 52	13 41	0 33	20 8	1 32	13 44	11 3	21 20	21 5	20 36	16 47	4 39
M31	21n56	3s31	4s51	13n 8	3s15	10n13	0s38	0s45	1s48	2n 1	0s58	21s17	1n52	13n42	0s33	20n 9	1s32	13n43	11n 2	21n21	21n 6	20n37	16s46	4n39

Julian Day Number = 3070386.5, Delta T = 02h36m12s
Ecliptic obliquity = 23°13'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'42, Lahiri = 47°36'43

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

JUNE 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 42 46	12♊17'05	15♈ 2	16♉ 1	29♈ 6	3♈ 2	7♈33	25°R50	8♉37	9♊29	20°D54	22°R34	24♋ 1	25♊ 1	7°R21	T 1
W 2	16 46 43	13°15'18	27°26	16°55	29°49	3°46	7°43	25♐46	8°40	9°31	20♍54	22♋28	23°57	25° 8	7♐17	W 2
T 3	16 50 39	14°13'29	9♉39	17°53	0♉33	4°30	7°53	25°42	8°43	9°33	20°54	22°22	23°54	25°14	7°12	T 3
F 4	16 54 36	15°11'40	21°44	18°54	1°17	5°14	8° 2	25°37	8°46	9°35	20°54	22°15	23°51	25°21	7° 8	F 4
S 5	16 58 32	16° 9'48	3♊41	19°57	2° 3	5°58	8°11	25°33	8°49	9°38	20°54	22° 8	23°48	25°28	7° 4	S 5
S 6	17 2 29	17° 7'56	15°33	21° 4	2°49	6°41	8°21	25°28	8°52	9°40	20°54	22° 3	23°45	25°34	6°59	S 6
M 7	17 6 26	18° 6'01	27°22	22°13	3°37	7°25	8°30	25°24	8°54	9°42	20°54	21°58	23°41	25°41	6°55	M 7
T 8	17 10 22	19° 4'05	9♋ 9	23°25	4°25	8° 9	8°39	25°19	8°57	9°44	20°54	21°56	23°38	25°48	6°50	T 8
W 9	17 14 19	20° 2'08	20°58	24°39	5°13	8°53	8°48	25°15	9° 0	9°47	20°55	21°D55	23°35	25°54	6°46	W 9
T 10	17 18 15	21° 0'09	2♌50	25°56	6° 3	9°37	8°56	25°10	9° 3	9°49	20°55	21°56	23°32	26° 1	6°42	T 10
F 11	17 22 12	21°58'08	14°50	27°16	6°53	10°20	9° 5	25° 6	9° 6	9°51	20°55	21°57	23°29	26° 8	6°37	F 11
S 12	17 26 8	22°56'06	27° 1	28°37	7°44	11° 4	9°14	25° 1	9° 8	9°53	20°55	21°59	23°26	26°14	6°33	S 12
S 13	17 30 5	23°54'01	9♍27	0♊ 2	8°35	11°48	9°22	24°57	9°11	9°56	20°56	22° 0	23°22	26°21	6°29	S 13
M14	17 34 1	24°51'56	22°13	1°28	9°27	12°31	9°30	24°52	9°14	9°58	20°56	22°R 1	23°19	26°27	6°25	M14
T 15	17 37 58	25°49'48	5♎22	2°57	10°20	13°15	9°38	24°48	9°16	10° 0	20°57	22° 1	23°16	26°34	6°21	T 15
W16	17 41 55	26°47'39	18°57	4°28	11°13	13°59	9°46	24°43	9°19	10° 2	20°57	21°59	23°13	26°41	6°17	W16
T 17	17 45 51	27°45'28	3♏ 0	6° 2	12° 7	14°42	9°54	24°39	9°21	10° 4	20°57	21°57	23°10	26°47	6°13	T 17
F 18	17 49 48	28°43'15	17°30	7°37	13° 1	15°26	10° 2	24°34	9°24	10° 7	20°58	21°54	23° 7	26°54	6° 9	F 18
S 19	17 53 44	29°41'02	2♐22	9°15	13°56	16° 9	10° 9	24°30	9°26	10° 9	20°58	21°51	23° 3	27° 1	6° 5	S 19
S 20	17 57 41	0♋38'46	17°29	10°56	14°52	16°53	10°16	24°25	9°29	10°11	20°59	21°48	23° 0	27° 7	6° 1	S 20
M21	18 1 37	1°36'30	2♑43	12°38	15°48	17°36	10°24	24°21	9°31	10°13	21° 0	21°47	22°57	27°14	5°57	M21
T 22	18 5 34	2°34'12	17°53	14°23	16°44	18°19	10°31	24°16	9°34	10°15	21° 0	21°D46	22°54	27°21	5°53	T 22
W23	18 9 30	3°31'53	2♒51	16°10	17°41	19° 3	10°38	24°12	9°36	10°17	21° 1	21°46	22°51	27°27	5°50	W23
T 24	18 13 27	4°29'33	17°29	18° 0	18°38	19°46	10°44	24° 8	9°38	10°19	21° 1	21°47	22°47	27°34	5°46	T 24
F 25	18 17 24	5°27'13	1♓42	19°52	19°35	20°30	10°51	24° 3	9°40	10°21	21° 2	21°48	22°44	27°41	5°43	F 25
S 26	18 21 20	6°24'51	15°28	21°45	20°34	21°13	10°57	23°59	9°43	10°24	21° 3	21°49	22°41	27°47	5°39	S 26
S 27	18 25 17	7°22'28	28°49	23°42	21°32	21°56	11° 4	23°54	9°45	10°26	21° 4	21°50	22°38	27°54	5°36	S 27
M28	18 29 13	8°20'05	11♈46	25°40	22°31	22°39	11°10	23°50	9°47	10°28	21° 4	21°R50	22°35	28° 1	5°32	M28
T 29	18 33 10	9°17'40	24°22	27°40	23°30	23°22	11°16	23°46	9°49	10°30	21° 5	21°50	22°32	28° 7	5°29	T 29
W30	18 37 6	10♋15'15	6♉41	29♊42	24♉29	24♈ 5	11♈22	23♐42	9♉51	10♊32	21♍ 6	21♋49	22♋28	28♊14	5♐26	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	22n 4	1n 8	5s 7	13n20	3s17	10n21	0s45	0s28	1s49	2n 4	0s58	21s17	1n52	13n43	0s33	20n 9	1s32	13n43	11n 2	21n21	21n 7	20n38	16s45	4n39
W 2	22 11	5 39	5 9	13 33	3 19	10 29	0 52	0 11	1 49	2 8	0 59	21 17	1 52	13 44	0 33	20 9	1 32	13 43	11 2	21 22	21 7	20 39	16 44	4 39
T 3	22 18	9 53	4 56	13 48	3 20	10 38	0 59	0n 5	1 50	2 12	0 59	21 17	1 52	13 45	0 33	20 9	1 32	13 43	11 2	21 23	21 8	20 40	16 43	4 40
F 4	22 24	13 40	4 30	14 4	3 21	10 47	1 6	0 22	1 51	2 15	0 59	21 17	1 52	13 46	0 33	20 10	1 32	13 42	11 1	21 24	21 8	20 41	16 42	4 40
S 5	22 31	16 53	3 53	14 20	3 21	10 56	1 13	0 38	1 51	2 19	0 59	21 17	1 52	13 47	0 33	20 10	1 32	13 42	11 1	21 25	21 9	20 42	16 41	4 40
S 6	22 36	19 22	3 5	14 39	3 20	11 6	1 19	0 55	1 52	2 22	0 59	21 17	1 52	13 48	0 33	20 10	1 32	13 42	11 1	21 26	21 9	20 43	16 40	4 40
M 7	22 42	21 1	2 10	14 57	3 18	11 17	1 25	1 12	1 52	2 25	1 0	21 17	1 52	13 49	0 33	20 11	1 32	13 42	11 1	21 27	21 10	20 44	16 39	4 40
T 8	22 46	21 45	1 9	15 17	3 16	11 27	1 30	1 28	1 53	2 29	1 0	21 17	1 52	13 50	0 33	20 11	1 32	13 41	11 0	21 27	21 10	20 45	16 38	4 41
W 9	22 51	21 31	0 5	15 38	3 13	11 38	1 36	1 45	1 54	2 32	1 0	21 16	1 52	13 50	0 33	20 11	1 32	13 41	11 0	21 27	21 11	20 46	16 38	4 41
T 10	22 55	20 19	1n 0	15 59	3 10	11 49	1 41	2 1	1 54	2 35	1 0	21 16	1 52	13 51	0 33	20 12	1 32	13 41	11 0	21 27	21 11	20 47	16 37	4 41
F 11	22 59	18 11	2 2	16 21	3 6	12 1	1 46	2 18	1 55	2 38	1 1	21 16	1 52	13 52	0 33	20 12	1 32	13 40	11 0	21 27	21 12	20 48	16 36	4 41
S 12	23 2	15 14	3 1	16 43	3 2	12 12	1 51	2 34	1 56	2 41	1 1	21 16	1 52	13 53	0 33	20 12	1 32	13 40	10 59	21 27	21 13	20 49	16 35	4 41
S 13	23 5	11 33	3 52	17 6	2 56	12 24	1 56	2 50	1 56	2 44	1 1	21 16	1 52	13 54	0 33	20 13	1 32	13 40	10 59	21 26	21 13	20 50	16 34	4 41
M14	23 7	7 15	4 33	17 29	2 51	12 36	2 0	3 7	1 57	2 47	1 1	21 16	1 52	13 55	0 33	20 13	1 32	13 39	10 59	21 26	21 14	20 51	16 33	4 41
T 15	23 9	2 31	5 2	17 52	2 45	12 49	2 4	3 23	1 57	2 50	1 2	21 16	1 51	13 56	0 33	20 13	1 32	13 39	10 59	21 26	21 14	20 52	16 33	4 42
W16	23 11	2s30	5 14	18 15	2 38	13 1	2 8	3 39	1 58	2 53	1 2	21 16	1 51	13 56	0 33	20 14	1 32	13 38	10 58	21 27	21 15	20 53	16 32	4 42
T 17	23 12	7 33	5 9	18 38	2 31	13 14	2 12	3 55	1 58	2 56	1 2	21 16	1 51	13 57	0 33	20 14	1 32	13 38	10 58	21 27	21 15	20 54	16 31	4 42
F 18	23 13	12 21	4 44	19 1	2 23	13 27	2 16	4 11	1 59	2 59	1 2	21 15	1 51	13 58	0 33	20 14	1 32	13 38	10 58	21 28	21 16	20 54	16 30	4 42
S 19	23 13	16 31	4 0	19 24	2 15	13 39	2 19	4 27	1 59	3 2	1 2	21 15	1 51	13 59	0 33	20 15	1 32	13 37	10 58	21 28	21 16	20 55	16 30	4 42
S 20	23 13	19 41	2 58	19 47	2 7	13 52	2 23	4 43	2 0	3 4	1 3	21 15	1 51	13 59	0 33	20 15	1 32	13 37	10 57	21 28	21 17	20 56	16 29	4 42
M21	23 13	21 28	1 43	20 9	1 58	14 5	2 26	4 59	2 0	3 7	1 3	21 15	1 51	14 0	0 33	20 15	1 32	13 36	10 57	21 29	21 17	20 57	16 28	4 42
T 22	23 12	21 41	0 21	20 31	1 49	14 19	2 28	5 15	2 1	3 9	1 3	21 15	1 51	14 1	0 33	20 15	1 33	13 36	10 57	21 29	21 18	20 58	16 28	4 42
W23	23 10	20 20	1s 1	20 52	1 39	14 32	2 31	5 31	2 1	3 12	1 3	21 15	1 51	14 2	0 33	20 16	1 33	13 35	10 57	21 29	21 18	20 59	16 27	4 42
T 24	23 9	17 38	2 18	21 12	1 29	14 45	2 34	5 47	2 2	3 14	1 4	21 15	1 51	14 2	0 33	20 16	1 33	13 35	10 56	21 29	21 19	21 0	16 26	4 42
F 25	23 7	13 57	3 23	21 31	1 19	14 58	2 36	6 2	2 2	3 16	1 4	21 15	1 51	14 3	0 33	20 16	1 33	13 34	10 56	21 28	21 19	21 1	16 26	4 42
S 26	23 4	9 36	4 15	21 50	1 9	15 11	2 38	6 18	2 3	3 19	1 4	21 15	1 51	14 4	0 33	20 16	1 33	13 34	10 56	21 28	21 20	21 2	16 25	4 42
S 27	23 1	4 56	4 52	22 6	0 58	15 24	2 40	6 34	2 3	3 21	1 4	21 15	1 50	14 4	0 33	20 17	1 33	13 33	10 56	21 28	21 20	21 3	16 25	4 42
M28	22 58	0 11	5 12	22 22	0 47	15 37	2 42	6 49	2 4	3 23	1 5	21 14	1 50	14 5	0 33	20 17	1 33	13 33	10 56	21 28	21 21	21 4	16 24	4 42
T 29	22 54	4n27	5 16	22 36	0 36	15 50	2 43	7 4	2 4	3 25	1 5	21 14	1 50	14 6	0 33	20 17	1 33	13 32	10 55	21 28	21 21	21 5	16 23	4 42
W30	22n50	8n48	5s 6	22n48	0s25	16n 3	2s45	7n20	2s 5	3n27	1s 5	21s14	1n50	14n 6	0s34	20n18	1s33	13n32	10n55	21n28	21n22	21n 6	16s23	4n42

Julian Day Number = 3070417.5, Delta T = 02h36m13s
Ecliptic obliquity = 23°13'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'47, Lahiri = 47°36'47

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

JULY 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 41 3	11♋12'50	18♉48	1♋47	25♉29	24♈49	11♈27	23°R37	9♉53	10♊34	21♍ 7	21°R47	22♋25	28♊21	5°R23	T 1
F 2	18 45 0	12°10'23	0♊45	3°52	26°30	25°32	11°33	23♐33	9°55	10°36	21° 8	21♋46	22°22	28°27	5♐20	F 2
S 3	18 48 56	13° 7'56	12°36	6° 0	27°30	26°14	11°38	23°29	9°57	10°38	21° 9	21°45	22°19	28°34	5°17	S 3
S 4	18 52 53	14° 5'28	24°24	8° 9	28°31	26°57	11°43	23°25	9°59	10°40	21° 9	21°44	22°16	28°41	5°14	S 4
M 5	18 56 49	15° 3'00	6♋12	10°19	29°32	27°40	11°48	23°21	10° 1	10°42	21°10	21°43	22°13	28°47	5°11	M 5
T 6	19 0 46	16° 0'30	18° 2	12°30	0♊34	28°23	11°53	23°17	10° 3	10°44	21°11	21°D43	22° 9	28°54	5° 8	T 6
W 7	19 4 42	16°58'00	29°56	14°42	1°35	29° 6	11°58	23°13	10° 5	10°45	21°12	21°43	22° 6	29° 1	5° 6	W 7
T 8	19 8 39	17°55'29	11♌56	16°54	2°37	29°48	12° 2	23° 9	10° 7	10°47	21°13	21°43	22° 3	29° 7	5° 3	T 8
F 9	19 12 35	18°52'57	24° 5	19° 6	3°39	0♉31	12° 7	23° 5	10° 8	10°49	21°15	21°43	22° 0	29°14	5° 1	F 9
S 10	19 16 32	19°50'24	6♍25	21°18	4°42	1°13	12°11	23° 2	10°10	10°51	21°16	21°44	21°57	29°21	4°58	S 10
S 11	19 20 29	20°47'50	18°59	23°30	5°45	1°56	12°15	22°58	10°12	10°53	21°17	21°44	21°53	29°27	4°56	S 11
M12	19 24 25	21°45'15	1♎49	25°41	6°48	2°38	12°18	22°54	10°13	10°55	21°18	21°R44	21°50	29°34	4°54	M12
T 13	19 28 22	22°42'39	14°59	27°52	7°51	3°20	12°22	22°50	10°15	10°57	21°19	21°44	21°47	29°41	4°52	T 13
W14	19 32 18	23°40'02	28°29	0♌ 1	8°54	4° 3	12°25	22°47	10°16	10°58	21°20	21°D44	21°44	29°47	4°50	W14
T 15	19 36 15	24°37'25	12♏23	2° 9	9°58	4°45	12°29	22°43	10°18	11° 0	21°21	21°44	21°41	29°54	4°48	T 15
F 16	19 40 11	25°34'46	26°38	4°15	11° 2	5°27	12°32	22°40	10°19	11° 2	21°23	21°44	21°38	0♋ 1	4°46	F 16
S 17	19 44 8	26°32'07	11♐14	6°20	12° 6	6° 9	12°35	22°37	10°20	11° 4	21°24	21°44	21°34	0° 7	4°45	S 17
S 18	19 48 4	27°29'28	26° 5	8°22	13°10	6°51	12°37	22°33	10°22	11° 5	21°25	21°45	21°31	0°14	4°43	S 18
M19	19 52 1	28°26'47	11♑ 7	10°23	14°14	7°33	12°40	22°30	10°23	11° 7	21°26	21°45	21°28	0°21	4°41	M19
T 20	19 55 58	29°24'06	26° 9	12°22	15°19	8°14	12°42	22°27	10°24	11° 9	21°28	21°R45	21°25	0°27	4°40	T 20
W21	19 59 54	0♒21'25	11♒ 5	14°19	16°24	8°56	12°44	22°24	10°25	11°10	21°29	21°45	21°22	0°34	4°39	W21
T 22	20 3 51	1°18'43	25°45	16°14	17°29	9°37	12°46	22°21	10°27	11°12	21°30	21°44	21°19	0°40	4°38	T 22
F 23	20 7 47	2°16'01	10♓ 4	18° 7	18°34	10°19	12°48	22°18	10°28	11°13	21°32	21°43	21°15	0°47	4°36	F 23
S 24	20 11 44	3°13'18	23°58	19°58	19°39	11° 0	12°49	22°15	10°29	11°15	21°33	21°42	21°12	0°54	4°35	S 24
S 25	20 15 40	4°10'36	7♈26	21°46	20°45	11°42	12°51	22°12	10°30	11°17	21°34	21°40	21° 9	1° 0	4°35	S 25
M26	20 19 37	5° 7'54	20°28	23°33	21°51	12°23	12°52	22°10	10°31	11°18	21°36	21°39	21° 6	1° 7	4°34	M26
T 27	20 23 33	6° 5'11	3♉ 7	25°17	22°57	13° 4	12°53	22° 7	10°32	11°20	21°37	21°D39	21° 3	1°14	4°33	T 27
W28	20 27 30	7° 2'29	15°27	26°59	24° 3	13°45	12°53	22° 4	10°32	11°21	21°39	21°39	20°59	1°20	4°32	W28
T 29	20 31 27	7°59'47	27°32	28°39	25° 9	14°26	12°54	22° 2	10°33	11°22	21°40	21°40	20°56	1°27	4°32	T 29
F 30	20 35 23	8°57'05	9♊26	0♍16	26°15	15° 6	12°54	22° 0	10°34	11°24	21°42	21°41	20°53	1°34	4°32	F 30
S 31	20 39 20	9♌54'24	21♊15	1♍52	27♊22	15♉47	12°R55	21♐57	10♉35	11♊25	21♍43	21♋43	20♋50	1♋40	4♐31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	12n43	4s42	22n58	0s14	16n16	2s46	7n35	2s 5	3n29	1s 5	21s14	1n50	14n 7	0s34	20n18	1s33	13n31	10n55	21n29	21n22	21n 6	16s22	4n42
F 2	22 40	16 6	4 7	23 6	0 4	16 29	2 47	7 50	2 5	3 31	1 6	21 14	1 50	14 8	0 34	20 18	1 33	13 31	10 55	21 29	21 23	21 7	16 22	4 42
S 3	22 35	18 47	3 20	23 12	0n 7	16 41	2 49	8 5	2 6	3 33	1 6	21 14	1 50	14 8	0 34	20 18	1 33	13 30	10 54	21 29	21 24	21 8	16 22	4 42
S 4	22 29	20 40	2 26	23 16	0 18	16 53	2 49	8 20	2 6	3 35	1 6	21 14	1 50	14 9	0 34	20 19	1 33	13 30	10 54	21 29	21 24	21 9	16 21	4 42
M 5	22 23	21 40	1 25	23 17	0 28	17 6	2 50	8 35	2 7	3 36	1 7	21 14	1 49	14 9	0 34	20 19	1 33	13 29	10 54	21 29	21 25	21 10	16 21	4 42
T 6	22 16	21 41	0 20	23 16	0 38	17 18	2 51	8 49	2 7	3 38	1 7	21 14	1 49	14 10	0 34	20 19	1 33	13 28	10 54	21 29	21 25	21 11	16 20	4 42
W 7	22 9	20 43	0n46	23 12	0 47	17 30	2 51	9 4	2 7	3 39	1 7	21 14	1 49	14 10	0 34	20 19	1 33	13 28	10 53	21 29	21 26	21 12	16 20	4 42
T 8	22 2	18 49	1 50	23 6	0 57	17 41	2 51	9 18	2 8	3 41	1 7	21 14	1 49	14 11	0 34	20 20	1 33	13 27	10 53	21 29	21 26	21 13	16 20	4 42
F 9	21 54	16 3	2 50	22 57	1 5	17 53	2 52	9 33	2 8	3 42	1 8	21 14	1 49	14 11	0 34	20 20	1 33	13 27	10 53	21 29	21 27	21 13	16 19	4 41
S 10	21 46	12 33	3 44	22 45	1 13	18 4	2 52	9 47	2 8	3 44	1 8	21 14	1 49	14 12	0 34	20 20	1 33	13 26	10 53	21 29	21 27	21 14	16 19	4 41
S 11	21 38	8 26	4 27	22 31	1 20	18 15	2 52	10 1	2 8	3 45	1 8	21 14	1 49	14 12	0 34	20 20	1 33	13 25	10 53	21 29	21 28	21 15	16 19	4 41
M12	21 29	3 52	4 59	22 14	1 27	18 26	2 51	10 15	2 9	3 46	1 8	21 14	1 48	14 13	0 34	20 20	1 33	13 25	10 52	21 29	21 28	21 16	16 18	4 41
T 13	21 20	0s59	5 16	21 55	1 33	18 36	2 51	10 29	2 9	3 47	1 9	21 14	1 48	14 13	0 34	20 21	1 33	13 24	10 52	21 29	21 29	21 17	16 18	4 41
W14	21 10	5 55	5 16	21 33	1 38	18 46	2 51	10 43	2 9	3 48	1 9	21 14	1 48	14 14	0 34	20 21	1 33	13 23	10 52	21 29	21 29	21 18	16 18	4 41
T 15	21 0	10 41	4 57	21 10	1 42	18 56	2 50	10 57	2 10	3 49	1 9	21 14	1 48	14 14	0 34	20 21	1 33	13 23	10 52	21 29	21 30	21 18	16 18	4 41
F 16	20 50	14 59	4 21	20 44	1 46	19 6	2 49	11 11	2 10	3 50	1 10	21 14	1 48	14 15	0 34	20 21	1 33	13 22	10 52	21 29	21 30	21 19	16 18	4 41
S 17	20 39	18 30	3 27	20 17	1 49	19 15	2 49	11 24	2 10	3 51	1 10	21 14	1 48	14 15	0 34	20 21	1 33	13 21	10 51	21 29	21 31	21 20	16 17	4 40
S 18	20 28	20 52	2 18	19 47	1 51	19 24	2 48	11 37	2 10	3 52	1 10	21 14	1 47	14 15	0 34	20 22	1 33	13 21	10 51	21 29	21 31	21 21	16 17	4 40
M19	20 17	21 47	0 59	19 16	1 52	19 32	2 47	11 51	2 10	3 53	1 10	21 14	1 47	14 16	0 34	20 22	1 33	13 20	10 51	21 29	21 32	21 22	16 17	4 40
T 20	20 5	21 8	0s24	18 44	1 53	19 41	2 46	12 4	2 10	3 53	1 11	21 14	1 47	14 16	0 34	20 22	1 33	13 19	10 51	21 29	21 32	21 22	16 17	4 40
W21	19 53	18 59	1 45	18 11	1 52	19 48	2 44	12 17	2 11	3 54	1 11	21 14	1 47	14 16	0 34	20 22	1 33	13 19	10 51	21 29	21 33	21 23	16 17	4 40
T 22	19 41	15 37	2 58	17 36	1 51	19 56	2 43	12 30	2 11	3 54	1 11	21 14	1 47	14 17	0 34	20 22	1 33	13 18	10 51	21 29	21 33	21 24	16 17	4 40
F 23	19 28	11 23	3 57	17 0	1 50	20 3	2 42	12 42	2 11	3 55	1 11	21 14	1 47	14 17	0 34	20 23	1 33	13 17	10 50	21 29	21 33	21 25	16 17	4 39
S 24	19 15	6 40	4 41	16 24	1 48	20 10	2 40	12 55	2 11	3 55	1 12	21 14	1 46	14 17	0 34	20 23	1 33	13 17	10 50	21 29	21 34	21 26	16 17	4 39
S 25	19 2	1 47	5 7	15 46	1 45	20 16	2 38	13 7	2 11	3 55	1 12	21 14	1 46	14 18	0 34	20 23	1 33	13 16	10 50	21 30	21 34	21 26	16 17	4 39
M26	18 49	3n 1	5 17	15 8	1 41	20 22	2 37	13 20	2 11	3 55	1 12	21 14	1 46	14 18	0 34	20 23	1 34	13 15	10 50	21 30	21 35	21 27	16 17	4 39
T 27	18 35	7 34	5 11	14 30	1 37	20 27	2 35	13 32	2 11	3 56	1 13	21 14	1 46	14 18	0 34	20 23	1 34	13 15	10 50	21 30	21 35	21 28	16 17	4 39
W28	18 21	11 41	4 50	13 51	1 32	20 32	2 33	13 44	2 11	3 56	1 13	21 14	1 46	14 19	0 34	20 23	1 34	13 14	10 50	21 30	21 36	21 29	16 17	4 39
T 29	18 6	15 15	4 17	13 12	1 26	20 37	2 31	13 56	2 11	3 55	1 13	21 14	1 45	14 19	0 34	20 24	1 34	13 13	10 49	21 30	21 36	21 30	16 17	4 38
F 30	17 51	18 9	3 33	12 32	1 21	20 41	2 29	14 7	2 11	3 55	1 13	21 14	1 45	14 19	0 34	20 24	1 34	13 12	10 49	21 29	21 37	21 30	16 17	4 38
S 31	17n36	20n16	2s41	11n52	1n14	20n45	2s27	14n19	2s11	3n55	1s14	21s14	1n45	14n19	0s34	20n24	1s34	13n12	10n49	21n29	21n37	21n31	16s18	4n38

Julian Day Number = 3070447.5, Delta T = 02h36m13s
Ecliptic obliquity = 23°13'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'51, Lahiri = 47°36'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3694
geocentric

AUGUST 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 43 16	10♌51'42	3♋ 3	3♍25	28♊28	16♉28	12°R55	21°R55	10♉35	11♊27	21♍45	21♋44	20♋47	1♋47	4°R31	S 1
M 2	20 47 13	11°49'00	14°52	4°56	29°35	17° 8	12♈54	21♐53	10°36	11°28	21°46	21°45	20°44	1°54	4°D31	M 2
T 3	20 51 9	12°46'19	26°47	6°25	0♋42	17°48	12°54	21°51	10°37	11°29	21°48	21°R45	20°40	2° 0	4♐31	T 3
W 4	20 55 6	13°43'38	8♌50	7°52	1°49	18°28	12°53	21°49	10°37	11°31	21°50	21°44	20°37	2° 7	4°31	W 4
T 5	20 59 2	14°40'56	21° 2	9°16	2°56	19° 8	12°53	21°47	10°38	11°32	21°51	21°42	20°34	2°14	4°31	T 5
F 6	21 2 59	15°38'15	3♍26	10°38	4° 4	19°48	12°52	21°45	10°38	11°33	21°53	21°39	20°31	2°20	4°32	F 6
S 7	21 6 56	16°35'34	16° 2	11°58	5°11	20°28	12°50	21°44	10°38	11°34	21°55	21°35	20°28	2°27	4°32	S 7
S 8	21 10 52	17°32'53	28°52	13°16	6°19	21° 8	12°49	21°42	10°39	11°35	21°56	21°31	20°25	2°34	4°33	S 8
M 9	21 14 49	18°30'11	11♎55	14°31	7°27	21°47	12°47	21°41	10°39	11°37	21°58	21°28	20°21	2°40	4°33	M 9
T 10	21 18 45	19°27'30	25°14	15°43	8°34	22°26	12°46	21°39	10°39	11°38	22° 0	21°25	20°18	2°47	4°34	T 10
W11	21 22 42	20°24'48	8♏47	16°53	9°42	23° 5	12°44	21°38	10°39	11°39	22° 1	21°23	20°15	2°54	4°35	W11
T 12	21 26 38	21°22'07	22°36	18° 0	10°50	23°44	12°41	21°37	10°39	11°40	22° 3	21°D22	20°12	3° 0	4°36	T 12
F 13	21 30 35	22°19'26	6♐41	19° 5	11°59	24°23	12°39	21°36	10°40	11°41	22° 5	21°23	20° 9	3° 7	4°37	F 13
S 14	21 34 31	23°16'45	20°59	20° 7	13° 7	25° 2	12°37	21°35	10°R40	11°42	22° 6	21°24	20° 5	3°13	4°38	S 14
S 15	21 38 28	24°14'04	5♑30	21° 6	14°15	25°40	12°34	21°34	10°40	11°43	22° 8	21°26	20° 2	3°20	4°39	S 15
M16	21 42 25	25°11'23	20° 9	22° 2	15°24	26°19	12°31	21°33	10°40	11°44	22°10	21°R26	19°59	3°27	4°41	M16
T 17	21 46 21	26° 8'42	4♒51	22°55	16°32	26°57	12°28	21°32	10°39	11°45	22°12	21°26	19°56	3°33	4°42	T 17
W18	21 50 18	27° 6'01	19°31	23°44	17°41	27°35	12°24	21°32	10°39	11°45	22°14	21°23	19°53	3°40	4°44	W18
T 19	21 54 14	28° 3'21	4♓ 0	24°30	18°50	28°13	12°21	21°31	10°39	11°46	22°15	21°20	19°50	3°47	4°46	T 19
F 20	21 58 11	29° 0'42	18°13	25°13	19°59	28°51	12°17	21°31	10°39	11°47	22°17	21°14	19°46	3°53	4°47	F 20
S 21	22 2 7	29°58'03	2♈ 6	25°52	21° 8	29°28	12°14	21°30	10°38	11°48	22°19	21° 8	19°43	4° 0	4°49	S 21
S 22	22 6 4	0♍55'24	15°35	26°27	22°17	0♊ 5	12°10	21°30	10°38	11°49	22°21	21° 2	19°40	4° 7	4°51	S 22
M23	22 10 0	1°52'47	28°39	26°58	23°26	0°42	12° 5	21°30	10°38	11°49	22°23	20°57	19°37	4°13	4°53	M23
T 24	22 13 57	2°50'10	11♉20	27°25	24°36	1°19	12° 1	21°D30	10°37	11°50	22°25	20°53	19°34	4°20	4°55	T 24
W25	22 17 54	3°47'35	23°42	27°47	25°45	1°56	11°57	21°30	10°37	11°51	22°26	20°51	19°31	4°27	4°58	W25
T 26	22 21 50	4°45'00	5♊47	28° 5	26°55	2°33	11°52	21°30	10°36	11°51	22°28	20°D50	19°27	4°33	5° 0	T 26
F 27	22 25 47	5°42'26	17°42	28°18	28° 4	3° 9	11°47	21°30	10°36	11°52	22°30	20°51	19°24	4°40	5° 3	F 27
S 28	22 29 43	6°39'54	29°31	28°26	29°14	3°45	11°42	21°31	10°35	11°52	22°32	20°52	19°21	4°47	5° 5	S 28
S 29	22 33 40	7°37'22	11♋19	28°R30	0♌24	4°21	11°37	21°31	10°34	11°53	22°34	20°54	19°18	4°53	5° 8	S 29
M30	22 37 36	8°34'52	23°12	28°28	1°34	4°56	11°31	21°32	10°34	11°53	22°36	20°R54	19°15	5° 0	5°11	M30
T 31	22 41 33	9♍32'22	5♌12	28♍21	2♌44	5♊32	11♈26	21♐32	10♉33	11♊54	22♍38	20♋53	19♋11	5♋ 7	5♐14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n21	21n30	1s42	11n12	1n 7	20n48	2s25	14n30	2s11	3n55	1s14	21s14	1n45	14n19	0s34	20n24	1s34	13n11	10n49	21n29	21n38	21n32	16s18	4n38
M 2	17 5	21 46	0 38	10 32	1 0	20 51	2 22	14 42	2 11	3 55	1 14	21 14	1 45	14 20	0 34	20 24	1 34	13 10	10 49	21 29	21 38	21 33	16 18	4 37
T 3	16 49	21 4	0n28	9 53	0 52	20 53	2 20	14 53	2 11	3 54	1 15	21 14	1 44	14 20	0 34	20 24	1 34	13 9	10 49	21 29	21 39	21 33	16 18	4 37
W 4	16 33	19 23	1 33	9 13	0 43	20 55	2 18	15 4	2 11	3 54	1 15	21 14	1 44	14 20	0 34	20 24	1 34	13 9	10 49	21 29	21 39	21 34	16 18	4 37
T 5	16 17	16 48	2 34	8 33	0 34	20 56	2 15	15 15	2 11	3 53	1 15	21 14	1 44	14 20	0 34	20 25	1 34	13 8	10 48	21 29	21 40	21 35	16 19	4 37
F 6	16 0	13 25	3 30	7 54	0 25	20 57	2 13	15 25	2 11	3 52	1 15	21 15	1 44	14 20	0 34	20 25	1 34	13 7	10 48	21 30	21 40	21 35	16 19	4 37
S 7	15 43	9 23	4 16	7 15	0 16	20 57	2 10	15 36	2 11	3 52	1 16	21 15	1 43	14 20	0 34	20 25	1 34	13 6	10 48	21 30	21 41	21 36	16 19	4 36
S 8	15 26	4 53	4 50	6 36	0 6	20 57	2 7	15 46	2 11	3 51	1 16	21 15	1 43	14 20	0 34	20 25	1 34	13 6	10 48	21 31	21 41	21 37	16 20	4 36
M 9	15 9	0 5	5 9	5 58	0s 5	20 56	2 5	15 56	2 11	3 50	1 16	21 15	1 43	14 20	0 34	20 25	1 34	13 5	10 48	21 32	21 42	21 38	16 20	4 36
T 10	14 51	4s49	5 13	5 21	0 15	20 55	2 2	16 6	2 10	3 49	1 17	21 15	1 43	14 20	0 34	20 25	1 34	13 4	10 48	21 32	21 42	21 38	16 20	4 36
W11	14 33	9 34	4 59	4 44	0 26	20 54	1 59	16 16	2 10	3 48	1 17	21 15	1 43	14 20	0 34	20 25	1 34	13 3	10 48	21 32	21 43	21 39	16 21	4 35
T 12	14 15	13 55	4 28	4 7	0 38	20 51	1 56	16 26	2 10	3 47	1 17	21 15	1 42	14 20	0 34	20 25	1 34	13 3	10 48	21 32	21 43	21 40	16 21	4 35
F 13	13 57	17 36	3 41	3 32	0 49	20 49	1 53	16 36	2 10	3 46	1 17	21 15	1 42	14 20	0 34	20 25	1 34	13 2	10 48	21 32	21 44	21 40	16 21	4 35
S 14	13 38	20 16	2 39	2 57	1 1	20 45	1 50	16 45	2 10	3 45	1 18	21 16	1 42	14 20	0 34	20 25	1 34	13 1	10 48	21 32	21 44	21 41	16 22	4 35
S 15	13 19	21 40	1 26	2 23	1 13	20 41	1 47	16 54	2 9	3 43	1 18	21 16	1 42	14 20	0 34	20 26	1 34	13 0	10 48	21 32	21 44	21 42	16 22	4 35
M16	13 0	21 36	0 7	1 50	1 25	20 37	1 44	17 3	2 9	3 42	1 18	21 16	1 42	14 20	0 35	20 26	1 34	13 0	10 47	21 32	21 45	21 42	16 23	4 34
T 17	12 41	20 3	1s13	1 18	1 37	20 32	1 41	17 12	2 9	3 41	1 18	21 16	1 41	14 20	0 35	20 26	1 34	12 59	10 47	21 32	21 45	21 43	16 23	4 34
W18	12 22	17 10	2 27	0 47	1 50	20 27	1 38	17 21	2 8	3 39	1 19	21 16	1 41	14 20	0 35	20 26	1 35	12 58	10 47	21 32	21 46	21 44	16 24	4 34
T 19	12 2	13 14	3 31	0 17	2 2	20 21	1 35	17 30	2 8	3 37	1 19	21 16	1 41	14 20	0 35	20 26	1 35	12 57	10 47	21 33	21 46	21 45	16 24	4 34
F 20	11 43	8 37	4 21	0s11	2 15	20 14	1 31	17 38	2 8	3 36	1 19	21 17	1 41	14 20	0 35	20 26	1 35	12 57	10 47	21 34	21 47	21 45	16 25	4 33
S 21	11 23	3 40	4 54	0 38	2 28	20 7	1 28	17 47	2 7	3 34	1 19	21 17	1 40	14 20	0 35	20 26	1 35	12 56	10 47	21 35	21 47	21 46	16 25	4 33
S 22	11 3	1n19	5 9	1 3	2 40	20 0	1 25	17 55	2 7	3 32	1 20	21 17	1 40	14 20	0 35	20 26	1 35	12 55	10 47	21 36	21 48	21 46	16 26	4 33
M23	10 43	6 6	5 8	1 27	2 53	19 52	1 22	18 3	2 7	3 31	1 20	21 17	1 40	14 20	0 35	20 26	1 35	12 54	10 47	21 36	21 48	21 47	16 27	4 33
T 24	10 22	10 28	4 51	1 49	3 5	19 43	1 18	18 11	2 6	3 29	1 20	21 18	1 40	14 19	0 35	20 26	1 35	12 53	10 47	21 37	21 49	21 48	16 27	4 32
W25	10 2	14 18	4 21	2 9	3 17	19 34	1 15	18 18	2 6	3 27	1 20	21 18	1 40	14 19	0 35	20 26	1 35	12 53	10 47	21 37	21 49	21 48	16 28	4 32
T 26	9 41	17 28	3 40	2 27	3 29	19 25	1 12	18 26	2 5	3 25	1 21	21 18	1 39	14 19	0 35	20 26	1 35	12 52	10 47	21 37	21 49	21 49	16 29	4 32
F 27	9 20	19 50	2 50	2 43	3 41	19 14	1 8	18 33	2 5	3 23	1 21	21 18	1 39	14 19	0 35	20 26	1 35	12 51	10 47	21 37	21 50	21 50	16 29	4 32
S 28	8 59	21 20	1 53	2 56	3 52	19 4	1 5	18 40	2 4	3 20	1 21	21 18	1 39	14 19	0 35	20 26	1 35	12 50	10 47	21 37	21 50	21 50	16 30	4 31
S 29	8 38	21 53	0 52	3 7	4 3	18 53	1 2	18 47	2 4	3 18	1 21	21 19	1 39	14 18	0 35	20 26	1 35	12 50	10 47	21 37	21 51	21 51	16 31	4 31
M30	8 17	21 27	0n12	3 16	4 13	18 41	0 58	18 54	2 3	3 16	1 22	21 19	1 38	14 18	0 35	20 26	1 35	12 49	10 47	21 37	21 51	21 52	16 31	4 31
T 31	7n55	20n 2	1n17	3s21	4s22	18n29	0s55	19n 1	2s 3	3n14	1s22	21s19	1n38	14n18	0s35	20n26	1s35	12n48	10n47	21n37	21n52	21n52	16s32	4n31

Julian Day Number = 3070478.5, Delta T = 02h36m14s
Ecliptic obliquity = 23°13'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'55, Lahiri = 47°36'56

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

SEPTEMBER 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 45 29	10♍29'54	17♌25	28°R 8	3♌54	6♊ 7	11°R20	21♐33	10°R32	11♊54	22♍40	20°R50	19♋ 8	5♋13	5♐17	W 1
T 2	22 49 26	11°27'26	29°51	27♍50	5° 4	6°42	11♈15	21°34	10♉31	11°55	22°42	20♋44	19° 5	5°20	5°20	T 2
F 3	22 53 23	12°24'59	12♍32	27°27	6°14	7°16	11° 9	21°35	10°30	11°55	22°44	20°37	19° 2	5°26	5°23	F 3
S 4	22 57 19	13°22'33	25°29	27° 0	7°25	7°51	11° 3	21°36	10°29	11°55	22°46	20°28	18°59	5°33	5°26	S 4
S 5	23 1 16	14°20'08	8♎41	26°27	8°35	8°25	10°56	21°37	10°28	11°56	22°47	20°19	18°56	5°40	5°29	S 5
M 6	23 5 12	15°17'44	22° 6	25°50	9°46	8°59	10°50	21°38	10°27	11°56	22°49	20°10	18°52	5°46	5°33	M 6
T 7	23 9 9	16°15'21	5♏43	25° 8	10°56	9°32	10°44	21°40	10°26	11°56	22°51	20° 3	18°49	5°53	5°36	T 7
W 8	23 13 5	17°12'59	19°29	24°24	12° 7	10° 5	10°37	21°41	10°25	11°56	22°53	19°58	18°46	6° 0	5°40	W 8
T 9	23 17 2	18°10'38	3♐24	23°36	13°18	10°38	10°30	21°43	10°24	11°56	22°55	19°55	18°43	6° 6	5°44	T 9
F 10	23 20 58	19° 8'17	17°26	22°47	14°29	11°11	10°24	21°44	10°23	11°57	22°57	19°D54	18°40	6°13	5°47	F 10
S 11	23 24 55	20° 5'57	1♑34	21°56	15°40	11°44	10°17	21°46	10°21	11°57	22°59	19°54	18°36	6°20	5°51	S 11
S 12	23 28 52	21° 3'38	15°47	21° 6	16°51	12°16	10°10	21°48	10°20	11°57	23° 1	19°R55	18°33	6°26	5°55	S 12
M13	23 32 48	22° 1'20	0♒ 4	20°16	18° 2	12°47	10° 3	21°50	10°19	11°R57	23° 3	19°54	18°30	6°33	5°59	M13
T 14	23 36 45	22°59'03	14°21	19°27	19°13	13°19	9°55	21°52	10°17	11°57	23° 5	19°52	18°27	6°40	6° 4	T 14
W15	23 40 41	23°56'47	28°36	18°42	20°24	13°50	9°48	21°54	10°16	11°57	23° 7	19°47	18°24	6°46	6° 8	W15
T 16	23 44 38	24°54'32	12♓43	18° 1	21°35	14°21	9°41	21°56	10°14	11°57	23° 9	19°40	18°21	6°53	6°12	T 16
F 17	23 48 34	25°52'18	26°39	17°24	22°47	14°51	9°33	21°58	10°13	11°57	23°11	19°31	18°17	6°59	6°17	F 17
S 18	23 52 31	26°50'06	10♈19	16°53	23°58	15°22	9°26	22° 1	10°11	11°56	23°13	19°20	18°14	7° 6	6°21	S 18
S 19	23 56 27	27°47'55	23°39	16°28	25°10	15°51	9°18	22° 3	10°10	11°56	23°15	19° 9	18°11	7°13	6°26	S 19
M20	0 0 24	28°45'45	6♉39	16°10	26°21	16°21	9°10	22° 6	10° 8	11°56	23°17	18°59	18° 8	7°19	6°30	M20
T 21	0 4 20	29°43'37	19°18	15°59	27°33	16°50	9° 3	22° 8	10° 7	11°56	23°19	18°51	18° 5	7°26	6°35	T 21
W22	0 8 17	0♎41'30	1♊39	15°D56	28°45	17°19	8°55	22°11	10° 5	11°56	23°21	18°45	18° 2	7°33	6°40	W22
T 23	0 12 14	1°39'25	13°44	16° 1	29°57	17°47	8°47	22°14	10° 3	11°55	23°23	18°41	17°58	7°39	6°45	T 23
F 24	0 16 10	2°37'22	25°39	16°15	1♍ 9	18°15	8°39	22°17	10° 1	11°55	23°25	18°40	17°55	7°46	6°50	F 24
S 25	0 20 7	3°35'21	7♋28	16°36	2°21	18°42	8°32	22°20	10° 0	11°55	23°27	18°D40	17°52	7°53	6°55	S 25
S 26	0 24 3	4°33'21	19°17	17° 6	3°33	19° 9	8°24	22°23	9°58	11°54	23°28	18°R40	17°49	7°59	7° 0	S 26
M27	0 28 0	5°31'23	1♌11	17°44	4°45	19°36	8°16	22°26	9°56	11°54	23°30	18°39	17°46	8° 6	7° 5	M27
T 28	0 31 56	6°29'27	13°15	18°30	5°57	20° 2	8° 8	22°29	9°54	11°53	23°32	18°37	17°42	8°13	7°10	T 28
W29	0 35 53	7°27'33	25°35	19°23	7° 9	20°28	8° 0	22°33	9°52	11°53	23°34	18°32	17°39	8°19	7°16	W29
T 30	0 39 49	8♎25'40	8♍12	20♍24	8♍22	20♊53	7♈52	22♐36	9♉50	11♊52	23♍36	18♋25	17♋36	8♋26	7♐21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7n34	17n40	2n18	3s24	4s30	18n16	0s52	19n 8	2s 2	3n11	1s22	21s20	1n38	14n18	0s35	20n26	1s35	12n47	10n47	21n37	21n52	21n53	16s33	4n30
T 2	7 12	14 27	3 14	3 24	4 38	18 3	0 48	19 14	2 1	3 9	1 22	21 20	1 38	14 17	0 35	20 26	1 35	12 47	10 47	21 38	21 53	21 53	16 34	4 30
F 3	6 50	10 31	4 1	3 21	4 44	17 49	0 45	19 20	2 1	3 6	1 22	21 20	1 37	14 17	0 35	20 26	1 35	12 46	10 47	21 39	21 53	21 54	16 34	4 30
S 4	6 29	6 2	4 37	3 14	4 49	17 35	0 41	19 27	2 0	3 4	1 23	21 20	1 37	14 17	0 35	20 26	1 35	12 45	10 47	21 41	21 53	21 55	16 35	4 30
S 5	6 7	1 11	4 59	3 5	4 52	17 20	0 38	19 33	1 59	3 1	1 23	21 21	1 37	14 16	0 35	20 26	1 35	12 44	10 47	21 42	21 54	21 55	16 36	4 30
M 6	5 45	3s48	5 5	2 52	4 55	17 5	0 35	19 38	1 59	2 59	1 23	21 21	1 37	14 16	0 35	20 26	1 36	12 44	10 47	21 43	21 54	21 56	16 37	4 29
T 7	5 23	8 40	4 54	2 36	4 55	16 50	0 31	19 44	1 58	2 56	1 23	21 21	1 37	14 16	0 35	20 26	1 36	12 43	10 47	21 44	21 55	21 56	16 37	4 29
W 8	5 0	13 10	4 26	2 18	4 54	16 34	0 28	19 50	1 57	2 53	1 23	21 22	1 36	14 15	0 35	20 26	1 36	12 42	10 47	21 45	21 55	21 57	16 38	4 29
T 9	4 38	17 0	3 42	1 56	4 51	16 17	0 25	19 55	1 56	2 50	1 23	21 22	1 36	14 15	0 35	20 26	1 36	12 41	10 47	21 46	21 56	21 57	16 39	4 29
F 10	4 16	19 54	2 45	1 32	4 46	16 0	0 21	20 0	1 55	2 48	1 24	21 22	1 36	14 15	0 35	20 26	1 36	12 41	10 47	21 46	21 56	21 58	16 40	4 28
S 11	3 53	21 36	1 37	1 6	4 39	15 43	0 18	20 6	1 55	2 45	1 24	21 23	1 36	14 14	0 35	20 26	1 36	12 40	10 47	21 46	21 57	21 59	16 41	4 28
S 12	3 31	21 56	0 22	0 39	4 30	15 25	0 15	20 11	1 54	2 42	1 24	21 23	1 35	14 14	0 35	20 26	1 36	12 39	10 47	21 46	21 57	21 59	16 42	4 28
M13	3 8	20 50	0s54	0 10	4 20	15 7	0 11	20 15	1 53	2 39	1 24	21 23	1 35	14 13	0 35	20 26	1 36	12 39	10 47	21 46	21 57	22 0	16 43	4 28
T 14	2 46	18 24	2 7	0n20	4 7	14 48	0 8	20 20	1 52	2 36	1 24	21 24	1 35	14 13	0 35	20 26	1 36	12 38	10 47	21 46	21 58	22 0	16 44	4 28
W15	2 23	14 50	3 11	0 50	3 54	14 29	0 5	20 25	1 51	2 33	1 24	21 24	1 35	14 12	0 35	20 26	1 36	12 37	10 47	21 47	21 58	22 1	16 44	4 27
T 16	2 0	10 28	4 3	1 20	3 39	14 9	0 2	20 29	1 50	2 30	1 25	21 24	1 35	14 12	0 35	20 26	1 36	12 36	10 47	21 48	21 59	22 1	16 45	4 27
F 17	1 38	5 36	4 39	1 49	3 22	13 49	0n 1	20 34	1 49	2 27	1 25	21 25	1 34	14 12	0 35	20 26	1 36	12 36	10 48	21 49	21 59	22 2	16 46	4 27
S 18	1 15	0 33	4 59	2 17	3 5	13 29	0 5	20 38	1 48	2 24	1 25	21 25	1 34	14 11	0 35	20 26	1 36	12 35	10 48	21 51	21 59	22 2	16 47	4 27
S 19	0 52	4n25	5 2	2 43	2 47	13 8	0 8	20 42	1 47	2 21	1 25	21 25	1 34	14 11	0 35	20 26	1 36	12 34	10 48	21 52	22 0	22 3	16 48	4 27
M20	0 29	9 4	4 49	3 7	2 29	12 47	0 11	20 46	1 46	2 18	1 25	21 26	1 34	14 10	0 35	20 25	1 36	12 34	10 48	21 53	22 0	22 3	16 49	4 27
T 21	0 6	13 11	4 22	3 29	2 10	12 26	0 14	20 50	1 45	2 15	1 25	21 26	1 34	14 10	0 35	20 25	1 36	12 33	10 48	21 55	22 1	22 4	16 50	4 26
W22	0s16	16 40	3 43	3 48	1 51	12 4	0 17	20 54	1 44	2 12	1 25	21 26	1 33	14 9	0 35	20 25	1 36	12 32	10 48	21 55	22 1	22 4	16 51	4 26
T 23	0 39	19 21	2 54	4 3	1 32	11 42	0 20	20 58	1 43	2 9	1 25	21 27	1 33	14 8	0 35	20 25	1 36	12 32	10 48	21 56	22 2	22 5	16 52	4 26
F 24	1 2	21 10	1 59	4 15	1 13	11 19	0 23	21 1	1 41	2 6	1 25	21 27	1 33	14 8	0 35	20 25	1 36	12 31	10 48	21 56	22 2	22 5	16 53	4 26
S 25	1 25	22 2	0 59	4 23	0 55	10 57	0 26	21 5	1 40	2 2	1 25	21 28	1 33	14 7	0 35	20 25	1 36	12 30	10 48	21 56	22 2	22 6	16 54	4 26
S 26	1 48	21 54	0n 3	4 28	0 38	10 34	0 28	21 8	1 39	1 59	1 26	21 28	1 32	14 7	0 35	20 25	1 37	12 30	10 48	21 56	22 3	22 6	16 55	4 25
M27	2 10	20 47	1 6	4 29	0 21	10 10	0 31	21 12	1 38	1 56	1 26	21 28	1 32	14 6	0 35	20 25	1 37	12 29	10 49	21 56	22 3	22 7	16 56	4 25
T 28	2 33	18 43	2 7	4 26	0 5	9 46	0 34	21 15	1 36	1 53	1 26	21 29	1 32	14 6	0 35	20 25	1 37	12 28	10 49	21 56	22 4	22 7	16 57	4 25
W29	2 56	15 45	3 2	4 20	0n11	9 22	0 37	21 18	1 35	1 50	1 26	21 29	1 32	14 5	0 35	20 25	1 37	12 28	10 49	21 57	22 4	22 8	16 58	4 25
T 30	3s19	11n59	3n51	4n 9	0n25	8n58	0n39	21n21	1s33	1n47	1s26	21s29	1n32	14n 4	0s35	20n24	1s37	12n27	10n49	21n58	22n 4	22n 8	16s59	4n25

Julian Day Number = 3070509.5, Delta T = 02h36m15s
Ecliptic obliquity = 23°13'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°29'59, Lahiri = 47°37'00

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

OCTOBER 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 43 46	9♎23'49	21♍ 9	21♍31	9♍34	21♊18	7°R44	22♐40	9°R48	11°R52	23♍38	18°R15	17♋33	8♋33	7♐27	F 1
S 2	0 47 43	10°22'00	4♎26	22°45	10°46	21°42	7♈36	22°43	9♉46	11♊51	23°40	18♋ 3	17°30	8°39	7°32	S 2
S 3	0 51 39	11°20'12	18° 1	24° 5	11°59	22° 6	7°28	22°47	9°44	11°50	23°42	17°51	17°27	8°46	7°38	S 3
M 4	0 55 36	12°18'26	1♏52	25°31	13°12	22°30	7°20	22°51	9°42	11°50	23°44	17°39	17°23	8°52	7°43	M 4
T 5	0 59 32	13°16'41	15°54	27° 1	14°24	22°52	7°12	22°55	9°40	11°49	23°46	17°29	17°20	8°59	7°49	T 5
W 6	1 3 29	14°14'58	0♐ 2	28°35	15°37	23°15	7° 4	22°58	9°38	11°48	23°48	17°21	17°17	9° 6	7°55	W 6
T 7	1 7 25	15°13'17	14°14	0♎14	16°50	23°37	6°57	23° 2	9°36	11°48	23°49	17°16	17°14	9°12	8° 1	T 7
F 8	1 11 22	16°11'37	28°25	1°55	18° 3	23°58	6°49	23° 7	9°34	11°47	23°51	17°14	17°11	9°19	8° 7	F 8
S 9	1 15 18	17° 9'58	12♑34	3°39	19°15	24°18	6°41	23°11	9°32	11°46	23°53	17°14	17° 8	9°26	8°13	S 9
S 10	1 19 15	18° 8'21	26°39	5°26	20°28	24°39	6°34	23°15	9°29	11°45	23°55	17°14	17° 4	9°32	8°19	S 10
M11	1 23 12	19° 6'45	10♒40	7°14	21°41	24°58	6°26	23°19	9°27	11°44	23°57	17°13	17° 1	9°39	8°25	M11
T 12	1 27 8	20° 5'11	24°36	9° 4	22°54	25°17	6°18	23°24	9°25	11°44	23°59	17°10	16°58	9°46	8°31	T 12
W13	1 31 5	21° 3'38	8♓27	10°54	24° 8	25°35	6°11	23°28	9°23	11°43	24° 0	17° 4	16°55	9°52	8°38	W13
T 14	1 35 1	22° 2'07	22° 9	12°46	25°21	25°53	6° 4	23°33	9°21	11°42	24° 2	16°55	16°52	9°59	8°44	T 14
F 15	1 38 58	23° 0'37	5♈40	14°37	26°34	26°10	5°56	23°37	9°18	11°41	24° 4	16°45	16°48	10° 6	8°50	F 15
S 16	1 42 54	23°59'09	18°59	16°29	27°47	26°27	5°49	23°42	9°16	11°40	24° 6	16°32	16°45	10°12	8°57	S 16
S 17	1 46 51	24°57'43	2♉ 3	18°21	29° 0	26°42	5°42	23°47	9°14	11°39	24° 7	16°19	16°42	10°19	9° 3	S 17
M18	1 50 47	25°56'18	14°50	20°12	0♎14	26°58	5°35	23°52	9°11	11°38	24° 9	16° 7	16°39	10°25	9°10	M18
T 19	1 54 44	26°54'56	27°21	22° 4	1°27	27°12	5°28	23°56	9° 9	11°37	24°11	15°57	16°36	10°32	9°16	T 19
W20	1 58 40	27°53'36	9♊36	23°54	2°41	27°26	5°21	24° 1	9° 7	11°36	24°12	15°50	16°33	10°39	9°23	W20
T 21	2 2 37	28°52'17	21°39	25°44	3°54	27°39	5°15	24° 6	9° 4	11°34	24°14	15°45	16°29	10°45	9°30	T 21
F 22	2 6 34	29°51'01	3♋32	27°34	5° 8	27°51	5° 8	24°12	9° 2	11°33	24°16	15°43	16°26	10°52	9°36	F 22
S 23	2 10 30	0♏49'47	15°20	29°22	6°22	28° 3	5° 2	24°17	8°59	11°32	24°18	15°D42	16°23	10°59	9°43	S 23
S 24	2 14 27	1°48'35	27° 8	1♏10	7°35	28°14	4°56	24°22	8°57	11°31	24°19	15°R42	16°20	11° 5	9°50	S 24
M25	2 18 23	2°47'26	9♌ 2	2°57	8°49	28°24	4°49	24°27	8°55	11°30	24°21	15°42	16°17	11°12	9°57	M25
T 26	2 22 20	3°46'18	21° 7	4°43	10° 3	28°33	4°43	24°33	8°52	11°28	24°22	15°41	16°13	11°19	10° 4	T 26
W27	2 26 16	4°45'13	3♍28	6°29	11°17	28°42	4°37	24°38	8°50	11°27	24°24	15°37	16°10	11°25	10°11	W27
T 28	2 30 13	5°44'09	16°10	8°13	12°30	28°49	4°32	24°44	8°47	11°26	24°26	15°31	16° 7	11°32	10°18	T 28
F 29	2 34 9	6°43'08	29°15	9°57	13°44	28°56	4°26	24°49	8°45	11°25	24°27	15°23	16° 4	11°39	10°25	F 29
S 30	2 38 6	7°42'09	12♎45	11°40	14°58	29° 2	4°21	24°55	8°43	11°23	24°29	15°13	16° 1	11°45	10°32	S 30
S 31	2 42 3	8♏41'12	26♎38	13♏22	16♎12	29♊ 8	4♈15	25♐ 0	8♉40	11♊22	24♍30	15♋ 2	15♋58	11♋52	10♐39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3 s41	7n35	4n28	3n55	0n38	8n34	0n42	21n24	1 s32	1n43	1 s26	21 s30	1n31	14n 4	0 s35	20n24	1 s37	12n26	10n49	21n59	22n 5	22n 9	17 s 0	4n25
S 2	4 4	2 44	4 52	3 37	0 50	8 9	0 45	21 27	1 31	1 40	1 26	21 30	1 31	14 3	0 35	20 24	1 37	12 26	10 49	22 1	22 5	22 9	17 1	4 25
S 3	4 27	2 s22	5 1	3 16	1 1	7 44	0 47	21 30	1 29	1 37	1 26	21 31	1 31	14 2	0 35	20 24	1 37	12 25	10 49	22 3	22 6	22 9	17 2	4 24
M 4	4 49	7 27	4 52	2 51	1 11	7 19	0 49	21 33	1 28	1 34	1 26	21 31	1 31	14 2	0 35	20 24	1 37	12 25	10 50	22 4	22 6	22 10	17 3	4 24
T 5	5 12	12 13	4 25	2 24	1 19	6 53	0 52	21 36	1 26	1 31	1 26	21 31	1 31	14 1	0 35	20 24	1 37	12 24	10 50	22 5	22 7	22 10	17 4	4 24
W 6	5 34	16 21	3 42	1 53	1 27	6 27	0 54	21 39	1 24	1 28	1 26	21 32	1 30	14 0	0 35	20 24	1 37	12 24	10 50	22 6	22 7	22 11	17 5	4 24
T 7	5 56	19 34	2 45	1 20	1 33	6 1	0 56	21 41	1 23	1 25	1 26	21 32	1 30	14 0	0 35	20 24	1 37	12 23	10 50	22 7	22 7	22 11	17 6	4 24
F 8	6 19	21 35	1 38	0 45	1 38	5 35	0 59	21 44	1 21	1 22	1 26	21 33	1 30	13 59	0 35	20 23	1 37	12 22	10 50	22 7	22 8	22 12	17 7	4 24
S 9	6 41	22 13	0 25	0 8	1 43	5 9	1 1	21 47	1 19	1 19	1 26	21 33	1 30	13 58	0 35	20 23	1 37	12 22	10 51	22 7	22 8	22 12	17 8	4 24
S 10	7 3	21 27	0 s50	0 s31	1 46	4 42	1 3	21 49	1 18	1 16	1 26	21 33	1 30	13 58	0 35	20 23	1 37	12 21	10 51	22 7	22 9	22 12	17 9	4 24
M11	7 25	19 20	2 1	1 11	1 48	4 16	1 5	21 52	1 16	1 13	1 26	21 34	1 30	13 57	0 35	20 23	1 37	12 21	10 51	22 7	22 9	22 13	17 10	4 23
T 12	7 47	16 5	3 4	1 53	1 49	3 49	1 7	21 54	1 14	1 10	1 26	21 34	1 29	13 56	0 35	20 23	1 37	12 20	10 51	22 8	22 9	22 13	17 11	4 23
W13	8 9	11 58	3 56	2 35	1 50	3 22	1 9	21 57	1 12	1 7	1 26	21 35	1 29	13 56	0 35	20 23	1 37	12 20	10 51	22 9	22 10	22 14	17 12	4 23
T 14	8 30	7 17	4 33	3 19	1 50	2 55	1 11	21 59	1 10	1 4	1 26	21 35	1 29	13 55	0 35	20 22	1 37	12 19	10 52	22 10	22 10	22 14	17 13	4 23
F 15	8 52	2 17	4 55	4 2	1 49	2 28	1 12	22 2	1 8	1 2	1 26	21 35	1 29	13 54	0 35	20 22	1 37	12 19	10 52	22 11	22 10	22 14	17 14	4 23
S 16	9 13	2n44	5 0	4 47	1 47	2 0	1 14	22 4	1 6	0 59	1 26	21 36	1 29	13 53	0 35	20 22	1 37	12 18	10 52	22 12	22 11	22 15	17 15	4 23
S 17	9 35	7 32	4 49	5 31	1 44	1 33	1 16	22 6	1 4	0 56	1 26	21 36	1 28	13 53	0 35	20 22	1 37	12 18	10 52	22 14	22 11	22 15	17 16	4 23
M18	9 56	11 55	4 24	6 15	1 42	1 6	1 17	22 9	1 2	0 53	1 25	21 37	1 28	13 52	0 35	20 22	1 38	12 17	10 52	22 15	22 12	22 15	17 17	4 23
T 19	10 17	15 42	3 47	7 0	1 38	0 38	1 19	22 11	1 0	0 51	1 25	21 37	1 28	13 51	0 35	20 22	1 38	12 17	10 53	22 17	22 12	22 16	17 18	4 23
W20	10 38	18 44	2 59	7 44	1 34	0 10	1 20	22 14	0 58	0 48	1 25	21 37	1 28	13 51	0 35	20 21	1 38	12 16	10 53	22 17	22 12	22 16	17 20	4 23
T 21	10 58	20 54	2 4	8 28	1 30	0 s17	1 22	22 16	0 56	0 46	1 25	21 38	1 28	13 50	0 35	20 21	1 38	12 16	10 53	22 18	22 13	22 17	17 21	4 23
F 22	11 19	22 6	1 4	9 11	1 25	0 45	1 23	22 19	0 54	0 43	1 25	21 38	1 28	13 49	0 35	20 21	1 38	12 16	10 53	22 18	22 13	22 17	17 22	4 23
S 23	11 39	22 19	0 2	9 54	1 20	1 13	1 24	22 21	0 51	0 41	1 25	21 39	1 27	13 48	0 35	20 21	1 38	12 15	10 54	22 18	22 14	22 17	17 23	4 23
S 24	12 0	21 32	1n 0	10 36	1 15	1 41	1 25	22 23	0 49	0 38	1 25	21 39	1 27	13 48	0 35	20 21	1 38	12 15	10 54	22 18	22 14	22 18	17 24	4 22
M25	12 20	19 47	2 1	11 18	1 9	2 8	1 26	22 26	0 47	0 36	1 25	21 39	1 27	13 47	0 35	20 20	1 38	12 14	10 54	22 18	22 14	22 18	17 25	4 22
T 26	12 40	17 7	2 57	11 59	1 3	2 36	1 27	22 29	0 44	0 34	1 25	21 40	1 27	13 46	0 35	20 20	1 38	12 14	10 54	22 19	22 15	22 18	17 26	4 22
W27	12 59	13 39	3 46	12 39	0 57	3 4	1 28	22 31	0 42	0 32	1 25	21 40	1 27	13 45	0 35	20 20	1 38	12 14	10 55	22 19	22 15	22 19	17 27	4 22
T 28	13 19	9 29	4 25	13 19	0 51	3 32	1 29	22 34	0 39	0 29	1 24	21 40	1 27	13 45	0 35	20 20	1 38	12 13	10 55	22 20	22 15	22 19	17 28	4 22
F 29	13 38	4 45	4 51	13 58	0 44	3 59	1 30	22 36	0 37	0 27	1 24	21 41	1 26	13 44	0 35	20 20	1 38	12 13	10 55	22 21	22 16	22 19	17 29	4 22
S 30	13 57	0 s20	5 3	14 36	0 38	4 27	1 31	22 39	0 34	0 25	1 24	21 41	1 26	13 43	0 35	20 19	1 38	12 12	10 56	22 22	22 16	22 19	17 30	4 22
S 31	14 s16	5 s33	4n57	15 s13	0n31	4 s55	1n31	22n42	0 s31	0n23	1 s24	21 s42	1n26	13n42	0 s35	20n19	1 s38	12n12	10n56	22n23	22n17	22n20	17 s31	4n22

Julian Day Number = 3070539.5, Delta T = 02h36m16s
Ecliptic obliquity = 23°13'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'04, Lahiri = 47°37'04

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

NOVEMBER 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 45 59	9♏40'17	10♏51	15♏ 3	17♎26	29♊12	4°R10	25♐ 6	8°R38	11°R21	24♍32	14°R52	15♋54	11♋59	10♐46	M 1
T 2	2 49 56	10°39'24	25°18	16°44	18°41	29°16	4♈ 5	25°12	8♉35	11♊19	24°33	14♋43	15°51	12° 5	10°53	T 2
W 3	2 53 52	11°38'33	9♐53	18°23	19°55	29°18	4° 1	25°18	8°33	11°18	24°35	14°36	15°48	12°12	11° 1	W 3
T 4	2 57 49	12°37'43	24°29	20° 2	21° 9	29°20	3°56	25°23	8°31	11°16	24°36	14°32	15°45	12°18	11° 8	T 4
F 5	3 1 45	13°36'56	9♑ 0	21°40	22°23	29°21	3°52	25°29	8°28	11°15	24°37	14°D30	15°42	12°25	11°15	F 5
S 6	3 5 42	14°36'10	23°21	23°17	23°37	29°R21	3°47	25°35	8°26	11°13	24°39	14°30	15°39	12°32	11°23	S 6
S 7	3 9 38	15°35'26	7♒32	24°54	24°52	29°20	3°43	25°41	8°23	11°12	24°40	14°31	15°35	12°38	11°30	S 7
M 8	3 13 35	16°34'43	21°29	26°30	26° 6	29°18	3°39	25°47	8°21	11°11	24°42	14°R31	15°32	12°45	11°38	M 8
T 9	3 17 32	17°34'02	5♓14	28° 5	27°20	29°16	3°36	25°54	8°19	11° 9	24°43	14°30	15°29	12°52	11°45	T 9
W10	3 21 28	18°33'23	18°47	29°40	28°35	29°12	3°32	26° 0	8°16	11° 7	24°44	14°26	15°26	12°58	11°53	W10
T 11	3 25 25	19°32'45	2♈ 8	1♐13	29°49	29° 8	3°29	26° 6	8°14	11° 6	24°45	14°20	15°23	13° 5	12° 0	T 11
F 12	3 29 21	20°32'09	15°16	2°47	1♏ 4	29° 2	3°26	26°12	8°11	11° 4	24°47	14°12	15°19	13°12	12° 8	F 12
S 13	3 33 18	21°31'34	28°12	4°19	2°18	28°56	3°23	26°19	8° 9	11° 3	24°48	14° 2	15°16	13°18	12°15	S 13
S 14	3 37 14	22°31'02	10♉55	5°51	3°32	28°49	3°20	26°25	8° 7	11° 1	24°49	13°53	15°13	13°25	12°23	S 14
M15	3 41 11	23°30'31	23°26	7°23	4°47	28°41	3°17	26°31	8° 4	11° 0	24°50	13°44	15°10	13°32	12°30	M15
T 16	3 45 7	24°30'03	5♊44	8°53	6° 2	28°32	3°15	26°38	8° 2	10°58	24°52	13°36	15° 7	13°38	12°38	T 16
W17	3 49 4	25°29'36	17°51	10°23	7°16	28°22	3°13	26°44	8° 0	10°56	24°53	13°31	15° 4	13°45	12°46	W17
T 18	3 53 1	26°29'12	29°48	11°53	8°31	28°12	3°11	26°51	7°58	10°55	24°54	13°28	15° 0	13°51	12°53	T 18
F 19	3 56 57	27°28'49	11♋38	13°22	9°45	28° 1	3° 9	26°57	7°55	10°53	24°55	13°D26	14°57	13°58	13° 1	F 19
S 20	4 0 54	28°28'29	23°25	14°50	11° 0	27°48	3° 7	27° 4	7°53	10°52	24°56	13°27	14°54	14° 5	13° 9	S 20
S 21	4 4 50	29°28'11	5♌12	16°18	12°15	27°35	3° 6	27°11	7°51	10°50	24°57	13°28	14°51	14°11	13°17	S 21
M22	4 8 47	0♐27'54	17° 5	17°45	13°30	27°21	3° 5	27°17	7°49	10°48	24°58	13°30	14°48	14°18	13°24	M22
T 23	4 12 43	1°27'40	29° 8	19°11	14°44	27° 7	3° 4	27°24	7°47	10°47	24°59	13°R31	14°45	14°25	13°32	T 23
W24	4 16 40	2°27'28	11♍27	20°37	15°59	26°52	3° 3	27°31	7°44	10°45	25° 0	13°30	14°41	14°31	13°40	W24
T 25	4 20 36	3°27'18	24° 7	22° 2	17°14	26°36	3° 3	27°37	7°42	10°43	25° 1	13°28	14°38	14°38	13°48	T 25
F 26	4 24 33	4°27'11	7♎11	23°26	18°29	26°19	3° 2	27°44	7°40	10°42	25° 2	13°24	14°35	14°45	13°55	F 26
S 27	4 28 30	5°27'05	20°42	24°49	19°44	26° 1	3°D 2	27°51	7°38	10°40	25° 3	13°19	14°32	14°51	14° 3	S 27
S 28	4 32 26	6°27'01	4♏40	26°12	20°59	25°44	3° 2	27°58	7°36	10°38	25° 3	13°13	14°29	14°58	14°11	S 28
M29	4 36 23	7°27'00	19° 4	27°34	22°14	25°25	3° 2	28° 5	7°34	10°37	25° 4	13° 8	14°25	15° 5	14°19	M29
T 30	4 40 19	8♐27'00	3♐47	28♐55	23♏29	25♊ 6	3♈ 3	28♐12	7♉32	10♊35	25♍ 5	13♋ 3	14♋22	15♋11	14♐27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s35	10s37	4n33	15s49	0n24	5s22	1n32	22n44	0s29	0n21	1s24	21s42	1n26	13n41	0s35	20n19	1s38	12n12	10n56	22n24	22n17	22n20	17s32	4n22
T 2	14 53	15 10	3 51	16 24	0 18	5 50	1 32	22 47	0 26	0 20	1 24	21 42	1 26	13 41	0 35	20 19	1 38	12 11	10 56	22 25	22 17	22 20	17 33	4 22
W 3	15 11	18 52	2 54	16 58	0 11	6 17	1 33	22 50	0 23	0 18	1 24	21 43	1 26	13 40	0 35	20 19	1 38	12 11	10 57	22 26	22 18	22 21	17 34	4 22
T 4	15 29	21 22	1 45	17 32	0 4	6 44	1 33	22 53	0 20	0 16	1 23	21 43	1 26	13 39	0 35	20 18	1 38	12 11	10 57	22 26	22 18	22 21	17 34	4 22
F 5	15 47	22 26	0 29	18 4	0s 3	7 11	1 33	22 56	0 17	0 15	1 23	21 43	1 25	13 38	0 35	20 18	1 38	12 11	10 57	22 26	22 18	22 21	17 35	4 22
S 6	16 4	22 0	0s47	18 36	0 10	7 38	1 34	22 59	0 15	0 13	1 23	21 44	1 25	13 38	0 35	20 18	1 38	12 10	10 58	22 26	22 19	22 21	17 36	4 22
S 7	16 22	20 9	2 0	19 6	0 17	8 5	1 34	23 2	0 12	0 12	1 23	21 44	1 25	13 37	0 35	20 18	1 38	12 10	10 58	22 26	22 19	22 22	17 37	4 22
M 8	16 38	17 8	3 5	19 35	0 24	8 32	1 34	23 5	0 9	0 10	1 23	21 44	1 25	13 36	0 35	20 17	1 38	12 10	10 58	22 26	22 20	22 22	17 38	4 22
T 9	16 55	13 11	3 58	20 4	0 31	8 58	1 34	23 8	0 5	0 9	1 23	21 45	1 25	13 35	0 35	20 17	1 38	12 10	10 59	22 26	22 20	22 22	17 39	4 22
W10	17 11	8 38	4 36	20 31	0 38	9 25	1 34	23 11	0 2	0 8	1 22	21 45	1 25	13 35	0 35	20 17	1 38	12 9	10 59	22 27	22 20	22 22	17 40	4 23
T 11	17 28	3 45	4 59	20 57	0 45	9 51	1 34	23 14	0n 1	0 7	1 22	21 45	1 25	13 34	0 35	20 17	1 38	12 9	10 59	22 27	22 21	22 23	17 41	4 23
F 12	17 43	1n15	5 6	21 22	0 52	10 17	1 33	23 17	0 4	0 6	1 22	21 46	1 24	13 33	0 35	20 17	1 38	12 9	11 0	22 28	22 21	22 23	17 42	4 23
S 13	17 59	6 6	4 57	21 46	0 59	10 42	1 33	23 20	0 7	0 5	1 22	21 46	1 24	13 32	0 35	20 16	1 38	12 9	11 0	22 29	22 21	22 23	17 43	4 23
S 14	18 14	10 38	4 33	22 9	1 5	11 8	1 33	23 23	0 10	0 4	1 22	21 46	1 24	13 32	0 35	20 16	1 38	12 9	11 0	22 30	22 22	22 23	17 44	4 23
M15	18 29	14 38	3 56	22 31	1 12	11 33	1 32	23 27	0 14	0 3	1 21	21 47	1 24	13 31	0 35	20 16	1 38	12 9	11 1	22 31	22 22	22 24	17 45	4 23
T 16	18 43	17 58	3 9	22 52	1 18	11 58	1 32	23 30	0 17	0 2	1 21	21 47	1 24	13 30	0 35	20 16	1 38	12 8	11 1	22 32	22 22	22 24	17 45	4 23
W17	18 58	20 27	2 14	23 12	1 24	12 23	1 31	23 33	0 20	0 1	1 21	21 47	1 24	13 30	0 35	20 15	1 38	12 8	11 1	22 33	22 23	22 24	17 46	4 23
T 18	19 11	22 0	1 13	23 30	1 30	12 47	1 30	23 36	0 24	0 1	1 21	21 47	1 24	13 29	0 35	20 15	1 38	12 8	11 2	22 33	22 23	22 24	17 47	4 23
F 19	19 25	22 33	0 10	23 47	1 36	13 11	1 30	23 40	0 27	0 0	1 21	21 48	1 24	13 28	0 35	20 15	1 38	12 8	11 2	22 33	22 23	22 24	17 48	4 23
S 20	19 38	22 6	0n54	24 4	1 42	13 35	1 29	23 43	0 31	0s 0	1 20	21 48	1 23	13 27	0 35	20 15	1 38	12 8	11 2	22 33	22 24	22 25	17 49	4 23
S 21	19 51	20 40	1 55	24 19	1 48	13 58	1 28	23 46	0 34	0 0	1 20	21 48	1 23	13 27	0 35	20 14	1 38	12 8	11 3	22 33	22 24	22 25	17 50	4 23
M22	20 4	18 19	2 53	24 33	1 53	14 21	1 27	23 49	0 38	0 1	1 20	21 48	1 23	13 26	0 35	20 14	1 38	12 8	11 3	22 33	22 24	22 25	17 50	4 24
T 23	20 16	15 9	3 43	24 45	1 59	14 44	1 26	23 53	0 41	0 1	1 20	21 49	1 23	13 25	0 35	20 14	1 38	12 8	11 3	22 33	22 25	22 25	17 51	4 24
W24	20 28	11 17	4 24	24 57	2 4	15 7	1 25	23 56	0 45	0 1	1 20	21 49	1 23	13 25	0 35	20 14	1 38	12 8	11 4	22 33	22 25	22 25	17 52	4 24
T 25	20 39	6 49	4 54	25 7	2 8	15 29	1 24	23 59	0 48	0 1	1 19	21 49	1 23	13 24	0 35	20 14	1 38	12 8	11 4	22 33	22 26	22 26	17 53	4 24
F 26	20 50	1 55	5 9	25 16	2 13	15 50	1 23	24 2	0 52	0 1	1 19	21 49	1 23	13 23	0 35	20 13	1 38	12 8	11 5	22 33	22 26	22 26	17 53	4 24
S 27	21 1	3s14	5 9	25 24	2 17	16 12	1 22	24 5	0 55	0 1	1 19	21 50	1 23	13 23	0 35	20 13	1 38	12 8	11 5	22 34	22 26	22 26	17 54	4 24
S 28	21 11	8 24	4 50	25 31	2 21	16 32	1 21	24 8	0 59	0 1	1 19	21 50	1 23	13 22	0 35	20 13	1 38	12 8	11 5	22 34	22 27	22 26	17 55	4 24
M29	21 21	13 16	4 13	25 37	2 25	16 53	1 19	24 11	1 2	0 0	1 19	21 50	1 22	13 22	0 35	20 13	1 38	12 8	11 6	22 35	22 27	22 26	17 56	4 25
T 30	21s31	17s28	3n18	25s41	2s28	17s13	1n18	24n13	1n 6	0n 0	1s18	21s50	1n22	13n21	0s35	20n12	1s38	12n 8	11n 6	22n35	22n27	22n26	17s56	4n25

Julian Day Number = 3070570.5, Delta T = 02h36m17s
Ecliptic obliquity = 23°13'15, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'08, Lahiri = 47°37'08

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ASTRODIENST EPHEMERIS for the year 3694
geocentric

DECEMBER 3694 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 44 16	9♐27'02	18♐42	0♑14	24♏44	24°R46	3♈ 3	28♐19	7°R30	10°R33	25♍ 6	12°R59	14♋19	15♋18	14♐35	W 1
T 2	4 48 12	10°27'06	3♑42	1°33	25°59	24♊26	3° 4	28°25	7♉28	10♊32	25° 7	12♋57	14°16	15°24	14°42	T 2
F 3	4 52 9	11°27'12	18°37	2°50	27°14	24° 6	3° 5	28°32	7°26	10°30	25° 7	12°D57	14°13	15°31	14°50	F 3
S 4	4 56 5	12°27'19	3♒20	4° 6	28°29	23°45	3° 7	28°39	7°25	10°28	25° 8	12°58	14°10	15°38	14°58	S 4
S 5	5 0 2	13°27'27	17°46	5°20	29°44	23°24	3° 8	28°47	7°23	10°26	25° 9	13° 0	14° 6	15°44	15° 6	S 5
M 6	5 3 59	14°27'37	1♓53	6°32	0♐59	23° 3	3°10	28°54	7°21	10°25	25° 9	13° 1	14° 3	15°51	15°14	M 6
T 7	5 7 55	15°27'48	15°40	7°43	2°14	22°42	3°12	29° 1	7°19	10°23	25°10	13°R 1	14° 0	15°58	15°22	T 7
W 8	5 11 52	16°28'01	29° 7	8°51	3°29	22°20	3°14	29° 8	7°17	10°21	25°10	13° 1	13°57	16° 4	15°30	W 8
T 9	5 15 48	17°28'15	12♈15	9°57	4°44	21°58	3°16	29°15	7°16	10°20	25°11	12°59	13°54	16°11	15°38	T 9
F 10	5 19 45	18°28'30	25° 8	11° 0	5°59	21°37	3°19	29°22	7°14	10°18	25°12	12°56	13°51	16°18	15°45	F 10
S 11	5 23 41	19°28'47	7♉45	11°59	7°14	21°15	3°21	29°29	7°12	10°16	25°12	12°52	13°47	16°24	15°53	S 11
S 12	5 27 38	20°29'05	20°10	12°55	8°29	20°54	3°24	29°36	7°11	10°15	25°12	12°48	13°44	16°31	16° 1	S 12
M13	5 31 34	21°29'24	2♊24	13°47	9°45	20°32	3°27	29°43	7° 9	10°13	25°13	12°45	13°41	16°38	16° 9	M13
T 14	5 35 31	22°29'46	14°29	14°35	11° 0	20°11	3°31	29°50	7° 8	10°11	25°13	12°42	13°38	16°44	16°17	T 14
W15	5 39 28	23°30'08	26°27	15°17	12°15	19°50	3°34	29°58	7° 6	10°10	25°14	12°40	13°35	16°51	16°25	W15
T 16	5 43 24	24°30'32	8♋18	15°54	13°30	19°29	3°38	0♑ 5	7° 5	10° 8	25°14	12°D39	13°31	16°58	16°32	T 16
F 17	5 47 21	25°30'58	20° 6	16°24	14°45	19° 9	3°42	0°12	7° 4	10° 7	25°14	12°39	13°28	17° 4	16°40	F 17
S 18	5 51 17	26°31'25	1♌53	16°47	16° 1	18°48	3°46	0°19	7° 2	10° 5	25°14	12°40	13°25	17°11	16°48	S 18
S 19	5 55 14	27°31'54	13°42	17° 1	17°16	18°29	3°50	0°26	7° 1	10° 3	25°15	12°41	13°22	17°17	16°56	S 19
M20	5 59 10	28°32'24	25°36	17°R 7	18°31	18° 9	3°54	0°33	7° 0	10° 2	25°15	12°43	13°19	17°24	17° 3	M20
T 21	6 3 7	29°32'56	7♍39	17° 4	19°46	17°51	3°59	0°41	6°59	10° 0	25°15	12°44	13°16	17°31	17°11	T 21
W22	6 7 4	0♑33'30	19°56	16°50	21° 2	17°32	4° 4	0°48	6°57	9°59	25°15	12°45	13°12	17°37	17°19	W22
T 23	6 11 0	1°34'05	2♎32	16°26	22°17	17°15	4° 9	0°55	6°56	9°57	25°15	12°R45	13° 9	17°44	17°27	T 23
F 24	6 14 57	2°34'42	15°29	15°51	23°32	16°57	4°14	1° 2	6°55	9°56	25°15	12°45	13° 6	17°51	17°34	F 24
S 25	6 18 53	3°35'20	28°52	15° 5	24°48	16°41	4°19	1° 9	6°54	9°54	25°15	12°44	13° 3	17°57	17°42	S 25
S 26	6 22 50	4°36'00	12♏43	14° 8	26° 3	16°25	4°25	1°17	6°53	9°53	25°R16	12°43	13° 0	18° 4	17°49	S 26
M27	6 26 46	5°36'42	27° 0	13° 2	27°18	16°10	4°30	1°24	6°52	9°51	25°16	12°42	12°57	18°11	17°57	M27
T 28	6 30 43	6°37'24	11♐42	11°49	28°34	15°55	4°36	1°31	6°51	9°50	25°15	12°42	12°53	18°17	18° 5	T 28
W29	6 34 39	7°38'09	26°43	10°30	29°49	15°42	4°42	1°38	6°51	9°48	25°15	12°41	12°50	18°24	18°12	W29
T 30	6 38 36	8°38'54	11♑54	9° 7	1♑ 4	15°29	4°48	1°45	6°50	9°47	25°15	12°D41	12°47	18°31	18°20	T 30
F 31	6 42 33	9♑39'41	27♑ 7	7♑45	2♑20	15♊16	4♈55	1♑53	6♉49	9♊45	25♍15	12♋41	12♋44	18♋37	18♐27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s40	20s36	2n 9	25s44	2s31	17s32	1n16	24n16	1n 9	0n 1	1s18	21s50	1n22	13n20	0s35	20n12	1s38	12n 8	11n 6	22n36	22n28	22n26	17s57	4n25
T 2	21 49	22 20	0 51	25 46	2 34	17 52	1 15	24 19	1 12	0 1	1 18	21 51	1 22	13 20	0 35	20 12	1 38	12 8	11 7	22 36	22 28	22 27	17 58	4 25
F 3	21 57	22 27	0s31	25 47	2 36	18 10	1 13	24 21	1 16	0 2	1 18	21 51	1 22	13 19	0 35	20 12	1 38	12 8	11 7	22 36	22 28	22 27	17 58	4 25
S 4	22 5	21 1	1 50	25 47	2 38	18 28	1 12	24 24	1 19	0 2	1 17	21 51	1 22	13 19	0 35	20 11	1 38	12 8	11 8	22 36	22 29	22 27	17 59	4 25
S 5	22 12	18 13	3 0	25 46	2 39	18 46	1 10	24 26	1 23	0 3	1 17	21 51	1 22	13 18	0 35	20 11	1 38	12 8	11 8	22 36	22 29	22 27	18 0	4 26
M 6	22 20	14 24	3 57	25 43	2 40	19 3	1 8	24 28	1 26	0 4	1 17	21 51	1 22	13 17	0 35	20 11	1 38	12 8	11 8	22 35	22 29	22 27	18 0	4 26
T 7	22 26	9 54	4 39	25 39	2 40	19 20	1 7	24 30	1 29	0 5	1 17	21 51	1 22	13 17	0 35	20 11	1 38	12 8	11 9	22 35	22 30	22 27	18 1	4 26
W 8	22 32	5 1	5 5	25 35	2 39	19 36	1 5	24 32	1 32	0 6	1 17	21 51	1 22	13 16	0 35	20 10	1 38	12 8	11 9	22 35	22 30	22 27	18 2	4 26
T 9	22 38	0 2	5 14	25 29	2 38	19 51	1 3	24 34	1 35	0 7	1 16	21 52	1 22	13 16	0 35	20 10	1 38	12 9	11 10	22 36	22 30	22 27	18 2	4 26
F 10	22 44	4n51	5 7	25 22	2 37	20 6	1 1	24 36	1 39	0 8	1 16	21 52	1 21	13 15	0 35	20 10	1 38	12 9	11 10	22 36	22 31	22 27	18 3	4 27
S 11	22 48	9 27	4 46	25 15	2 34	20 21	0 59	24 37	1 42	0 10	1 16	21 52	1 21	13 15	0 35	20 10	1 38	12 9	11 10	22 36	22 31	22 27	18 3	4 27
S 12	22 53	13 36	4 10	25 6	2 31	20 34	0 57	24 39	1 44	0 11	1 16	21 52	1 21	13 14	0 35	20 10	1 38	12 9	11 11	22 37	22 31	22 28	18 4	4 27
M13	22 57	17 7	3 24	24 57	2 27	20 48	0 55	24 40	1 47	0 12	1 15	21 52	1 21	13 14	0 35	20 9	1 38	12 9	11 11	22 37	22 31	22 28	18 4	4 27
T 14	23 1	19 51	2 29	24 47	2 22	21 0	0 53	24 42	1 50	0 14	1 15	21 52	1 21	13 13	0 34	20 9	1 38	12 10	11 12	22 37	22 32	22 28	18 5	4 28
W15	23 4	21 42	1 28	24 36	2 15	21 12	0 51	24 43	1 53	0 15	1 15	21 52	1 21	13 13	0 34	20 9	1 38	12 10	11 12	22 37	22 32	22 28	18 5	4 28
T 16	23 6	22 34	0 24	24 24	2 8	21 24	0 49	24 44	1 56	0 17	1 15	21 52	1 21	13 13	0 34	20 9	1 38	12 10	11 12	22 38	22 32	22 28	18 6	4 28
F 17	23 9	22 25	0n41	24 12	2 0	21 35	0 47	24 45	1 58	0 19	1 15	21 52	1 21	13 12	0 34	20 8	1 38	12 10	11 13	22 37	22 33	22 28	18 6	4 28
S 18	23 11	21 16	1 45	24 0	1 50	21 45	0 45	24 46	2 1	0 21	1 14	21 52	1 21	13 12	0 34	20 8	1 38	12 10	11 13	22 37	22 33	22 28	18 7	4 29
S 19	23 12	19 11	2 44	23 47	1 39	21 54	0 43	24 46	2 3	0 22	1 14	21 52	1 21	13 11	0 34	20 8	1 38	12 11	11 14	22 37	22 33	22 28	18 7	4 29
M20	23 13	16 16	3 36	23 34	1 27	22 3	0 41	24 47	2 6	0 24	1 14	21 52	1 21	13 11	0 34	20 8	1 38	12 11	11 14	22 37	22 34	22 28	18 8	4 29
T 21	23 13	12 39	4 20	23 21	1 13	22 12	0 38	24 48	2 8	0 26	1 14	21 52	1 21	13 11	0 34	20 8	1 38	12 11	11 14	22 37	22 34	22 28	18 8	4 30
W22	23 13	8 27	4 53	23 8	0 58	22 19	0 36	24 48	2 10	0 28	1 13	21 52	1 21	13 10	0 34	20 7	1 38	12 12	11 15	22 37	22 34	22 28	18 9	4 30
T 23	23 13	3 48	5 13	22 55	0 42	22 26	0 34	24 48	2 12	0 31	1 13	21 52	1 21	13 10	0 34	20 7	1 38	12 12	11 15	22 37	22 35	22 28	18 9	4 30
F 24	23 12	1s 9	5 17	22 41	0 24	22 32	0 31	24 49	2 14	0 33	1 13	21 52	1 21	13 10	0 34	20 7	1 38	12 12	11 16	22 37	22 35	22 28	18 9	4 31
S 25	23 10	6 12	5 5	22 28	0 5	22 38	0 29	24 49	2 16	0 35	1 13	21 52	1 20	13 9	0 34	20 7	1 38	12 13	11 16	22 37	22 35	22 28	18 10	4 31
S 26	23 8	11 8	4 35	22 14	0n15	22 43	0 27	24 49	2 18	0 38	1 13	21 52	1 20	13 9	0 34	20 7	1 38	12 13	11 16	22 37	22 36	22 28	18 10	4 31
M27	23 6	15 37	3 48	22 1	0 35	22 47	0 24	24 50	2 20	0 40	1 12	21 52	1 20	13 9	0 34	20 6	1 38	12 13	11 17	22 37	22 36	22 28	18 10	4 32
T 28	23 3	19 17	2 44	21 48	0 55	22 51	0 22	24 50	2 21	0 42	1 12	21 52	1 20	13 9	0 34	20 6	1 38	12 14	11 17	22 37	22 36	22 28	18 11	4 32
W29	23 0	21 43	1 28	21 34	1 14	22 54	0 20	24 50	2 23	0 45	1 12	21 52	1 20	13 8	0 34	20 6	1 38	12 14	11 18	22 37	22 36	22 28	18 11	4 32
T 30	22 56	22 37	0 4	21 22	1 33	22 56	0 17	24 50	2 24	0 48	1 12	21 52	1 20	13 8	0 34	20 6	1 38	12 15	11 18	22 37	22 37	22 28	18 11	4 33
F 31	22s52	21s51	1s19	21s 9	1n51	22s57	0n15	24n50	2n26	0n50	1s12	21s52	1n20	13n 8	0s34	20n 6	1s38	12n15	11n18	22n37	22n37	22n28	18s11	4n33

Julian Day Number = 3070600.5, Delta T = 02h36m18s
Ecliptic obliquity = 23°13'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'12, Lahiri = 47°37'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3695
geocentric

JANUARY 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 46 29	10♑40'29	12♒10	6°R24	3♑35	15°R 5	5♈ 1	2♑ 0	6°R48	9°R44	25°R15	12♋41	12♋41	18♋44	18♐35	S 1
S 2	6 50 26	11°41'17	26°57	5♑ 9	4°51	14♊54	5° 8	2° 7	6♉48	9♊42	25♍15	12°41	12°37	18°50	18°42	S 2
M 3	6 54 22	12°42'06	11♓21	4° 1	6° 6	14°44	5°15	2°14	6°47	9°41	25°15	12°R41	12°34	18°57	18°50	M 3
T 4	6 58 19	13°42'56	25°19	3° 2	7°21	14°35	5°22	2°21	6°47	9°40	25°14	12°41	12°31	19° 4	18°57	T 4
W 5	7 2 15	14°43'46	8♈51	2°13	8°37	14°27	5°29	2°28	6°46	9°38	25°14	12°D41	12°28	19°10	19° 4	W 5
T 6	7 6 12	15°44'37	21°59	1°36	9°52	14°20	5°37	2°35	6°46	9°37	25°14	12°41	12°25	19°17	19°12	T 6
F 7	7 10 8	16°45'29	4♉45	1° 9	11° 8	14°13	5°44	2°42	6°45	9°36	25°13	12°41	12°22	19°24	19°19	F 7
S 8	7 14 5	17°46'22	17°13	0°54	12°23	14° 7	5°52	2°49	6°45	9°35	25°13	12°42	12°18	19°30	19°26	S 8
S 9	7 18 2	18°47'15	29°27	0°D50	13°39	14° 2	6° 0	2°56	6°45	9°33	25°13	12°43	12°15	19°37	19°33	S 9
M10	7 21 58	19°48'08	11♊29	0°55	14°54	13°58	6° 8	3° 3	6°44	9°32	25°12	12°43	12°12	19°44	19°40	M10
T 11	7 25 55	20°49'03	23°24	1°10	16° 9	13°55	6°16	3°10	6°44	9°31	25°12	12°44	12° 9	19°50	19°47	T 11
W12	7 29 51	21°49'58	5♋14	1°34	17°25	13°53	6°24	3°17	6°44	9°30	25°11	12°44	12° 6	19°57	19°55	W12
T 13	7 33 48	22°50'53	17° 2	2° 5	18°40	13°51	6°32	3°24	6°44	9°29	25°11	12°R45	12° 3	20° 4	20° 2	T 13
F 14	7 37 44	23°51'49	28°50	2°42	19°56	13°50	6°41	3°31	6°D44	9°28	25°10	12°44	11°59	20°10	20° 9	F 14
S 15	7 41 41	24°52'46	10♌40	3°26	21°11	13°D50	6°50	3°38	6°44	9°27	25°10	12°43	11°56	20°17	20°15	S 15
S 16	7 45 38	25°53'44	22°34	4°16	22°27	13°51	6°59	3°45	6°44	9°25	25° 9	12°41	11°53	20°24	20°22	S 16
M17	7 49 34	26°54'42	4♍35	5°10	23°42	13°52	7° 8	3°52	6°44	9°24	25° 8	12°39	11°50	20°30	20°29	M17
T 18	7 53 31	27°55'41	16°45	6° 8	24°58	13°55	7°17	3°59	6°44	9°23	25° 8	12°37	11°47	20°37	20°36	T 18
W19	7 57 27	28°56'40	29° 6	7°10	26°13	13°58	7°26	4° 5	6°44	9°22	25° 7	12°34	11°43	20°43	20°43	W19
T 20	8 1 24	29°57'40	11♎42	8°15	27°29	14° 2	7°35	4°12	6°45	9°22	25° 6	12°33	11°40	20°50	20°49	T 20
F 21	8 5 20	0♒58'41	24°36	9°23	28°44	14° 6	7°45	4°19	6°45	9°21	25° 6	12°32	11°37	20°57	20°56	F 21
S 22	8 9 17	1°59'43	7♏50	10°34	29°59	14°11	7°55	4°25	6°45	9°20	25° 5	12°D32	11°34	21° 3	21° 3	S 22
S 23	8 13 13	3° 0'45	21°28	11°47	1♒15	14°17	8° 4	4°32	6°46	9°19	25° 4	12°33	11°31	21°10	21° 9	S 23
M24	8 17 10	4° 1'48	5♐30	13° 2	2°31	14°24	8°14	4°39	6°46	9°18	25° 3	12°34	11°28	21°17	21°16	M24
T 25	8 21 7	5° 2'52	19°57	14°18	3°46	14°31	8°24	4°45	6°47	9°17	25° 2	12°35	11°24	21°23	21°22	T 25
W26	8 25 3	6° 3'56	4♑45	15°36	5° 2	14°39	8°34	4°52	6°47	9°16	25° 2	12°36	11°21	21°30	21°28	W26
T 27	8 29 0	7° 5'01	19°49	16°56	6°17	14°48	8°45	4°58	6°48	9°16	25° 1	12°R36	11°18	21°37	21°35	T 27
F 28	8 32 56	8° 6'06	5♒ 0	18°17	7°33	14°57	8°55	5° 5	6°49	9°15	25° 0	12°35	11°15	21°43	21°41	F 28
S 29	8 36 53	9° 7'11	20°10	19°39	8°48	15° 7	9° 6	5°11	6°50	9°14	24°59	12°32	11°12	21°50	21°47	S 29
S 30	8 40 49	10° 8'16	5♓ 7	21° 2	10° 4	15°18	9°16	5°18	6°50	9°14	24°58	12°29	11° 9	21°57	21°53	S 30
M31	8 44 46	11♒ 9'21	19♓45	22♑26	11♒19	15♊29	9♈27	5♑24	6♉51	9♊13	24♍57	12♋24	11♋ 5	22♋ 3	21♐59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s48	19s30	2s37	20s58	2n 6	22s58	0n12	24n50	2n27	0n53	1s11	21s52	1n20	13n 8	0s34	20n 6	1s38	12n15	11n19	22n37	22n37	22n28	18s12	4n33
S 2	22 43	15 54	3 42	20 48	2 20	22 58	0 10	24 50	2 29	0 56	1 11	21 52	1 20	13 8	0 34	20 5	1 38	12 16	11 19	22 37	22 38	22 28	18 12	4 34
M 3	22 37	11 26	4 32	20 39	2 31	22 57	0 8	24 50	2 30	0 59	1 11	21 52	1 20	13 7	0 34	20 5	1 38	12 16	11 20	22 37	22 38	22 28	18 12	4 34
T 4	22 31	6 30	5 4	20 31	2 40	22 56	0 5	24 50	2 31	1 2	1 11	21 52	1 20	13 7	0 34	20 5	1 38	12 17	11 20	22 37	22 38	22 28	18 12	4 34
W 5	22 25	1 24	5 17	20 26	2 46	22 54	0 3	24 50	2 32	1 5	1 11	21 52	1 20	13 7	0 34	20 5	1 38	12 17	11 20	22 37	22 39	22 28	18 13	4 35
T 6	22 18	3n37	5 14	20 22	2 50	22 51	0 0	24 50	2 33	1 8	1 10	21 52	1 20	13 7	0 34	20 5	1 38	12 18	11 21	22 37	22 39	22 28	18 13	4 35
F 7	22 11	8 21	4 55	20 20	2 53	22 48	0s 2	24 51	2 34	1 11	1 10	21 52	1 20	13 7	0 34	20 5	1 38	12 18	11 21	22 37	22 39	22 28	18 13	4 36
S 8	22 3	12 37	4 22	20 20	2 53	22 44	0 5	24 51	2 35	1 14	1 10	21 52	1 20	13 7	0 34	20 4	1 38	12 19	11 22	22 37	22 39	22 27	18 13	4 36
S 9	21 55	16 17	3 38	20 22	2 51	22 39	0 7	24 51	2 35	1 17	1 10	21 51	1 20	13 7	0 34	20 4	1 38	12 19	11 22	22 37	22 40	22 27	18 13	4 37
M10	21 46	19 14	2 45	20 24	2 49	22 33	0 9	24 51	2 36	1 21	1 10	21 51	1 20	13 7	0 34	20 4	1 38	12 20	11 22	22 37	22 40	22 27	18 13	4 37
T 11	21 38	21 18	1 46	20 28	2 45	22 27	0 12	24 51	2 37	1 24	1 9	21 51	1 20	13 7	0 34	20 4	1 38	12 20	11 23	22 37	22 40	22 27	18 13	4 37
W12	21 28	22 26	0 42	20 33	2 39	22 20	0 14	24 52	2 37	1 28	1 9	21 51	1 20	13 7	0 34	20 4	1 37	12 21	11 23	22 37	22 41	22 27	18 13	4 38
T 13	21 18	22 32	0n24	20 39	2 33	22 12	0 17	24 52	2 38	1 31	1 9	21 51	1 20	13 7	0 34	20 4	1 37	12 21	11 23	22 37	22 41	22 27	18 13	4 38
F 14	21 8	21 39	1 28	20 45	2 27	22 4	0 19	24 52	2 38	1 35	1 9	21 51	1 20	13 7	0 33	20 4	1 37	12 22	11 24	22 37	22 41	22 27	18 13	4 39
S 15	20 57	19 47	2 29	20 51	2 20	21 55	0 21	24 53	2 39	1 38	1 9	21 50	1 20	13 7	0 33	20 4	1 37	12 22	11 24	22 37	22 41	22 27	18 14	4 39
S 16	20 46	17 4	3 23	20 57	2 12	21 46	0 24	24 53	2 39	1 42	1 8	21 50	1 20	13 7	0 33	20 3	1 37	12 23	11 25	22 37	22 42	22 27	18 14	4 40
M17	20 35	13 37	4 9	21 4	2 4	21 35	0 26	24 54	2 40	1 45	1 8	21 50	1 20	13 7	0 33	20 3	1 37	12 24	11 25	22 38	22 42	22 27	18 14	4 40
T 18	20 23	9 34	4 45	21 9	1 56	21 24	0 28	24 54	2 40	1 49	1 8	21 50	1 20	13 7	0 33	20 3	1 37	12 24	11 25	22 38	22 42	22 26	18 14	4 41
W19	20 11	5 4	5 8	21 15	1 47	21 13	0 30	24 55	2 40	1 53	1 8	21 50	1 20	13 7	0 33	20 3	1 37	12 25	11 26	22 38	22 43	22 26	18 13	4 41
T 20	19 58	0 17	5 16	21 20	1 38	21 1	0 33	24 56	2 40	1 57	1 8	21 50	1 20	13 7	0 33	20 3	1 37	12 25	11 26	22 38	22 43	22 26	18 13	4 42
F 21	19 45	4s38	5 9	21 24	1 30	20 48	0 35	24 56	2 40	2 1	1 8	21 49	1 20	13 7	0 33	20 3	1 37	12 26	11 26	22 38	22 43	22 26	18 13	4 42
S 22	19 32	9 29	4 46	21 28	1 21	20 34	0 37	24 57	2 40	2 5	1 7	21 49	1 20	13 7	0 33	20 3	1 37	12 27	11 27	22 38	22 43	22 26	18 13	4 43
S 23	19 18	14 0	4 6	21 31	1 12	20 20	0 39	24 58	2 41	2 9	1 7	21 49	1 20	13 8	0 33	20 3	1 37	12 27	11 27	22 38	22 44	22 26	18 13	4 43
M24	19 4	17 54	3 11	21 33	1 3	20 6	0 41	24 59	2 41	2 13	1 7	21 49	1 20	13 8	0 33	20 3	1 37	12 28	11 27	22 38	22 44	22 25	18 13	4 44
T 25	18 50	20 49	2 2	21 34	0 54	19 50	0 44	24 59	2 41	2 17	1 7	21 48	1 20	13 8	0 33	20 3	1 37	12 29	11 28	22 38	22 44	22 25	18 13	4 44
W26	18 35	22 25	0 43	21 34	0 46	19 34	0 46	25 0	2 41	2 21	1 7	21 48	1 20	13 8	0 33	20 3	1 37	12 29	11 28	22 38	22 44	22 25	18 13	4 45
T 27	18 20	22 26	0s40	21 33	0 37	19 18	0 48	25 1	2 40	2 25	1 7	21 48	1 20	13 8	0 33	20 3	1 37	12 30	11 28	22 38	22 45	22 25	18 13	4 45
F 28	18 5	20 47	2 0	21 31	0 29	19 1	0 50	25 2	2 40	2 29	1 6	21 48	1 20	13 9	0 33	20 3	1 37	12 31	11 29	22 38	22 45	22 25	18 12	4 46
S 29	17 49	17 40	3 12	21 28	0 20	18 43	0 52	25 3	2 40	2 33	1 6	21 47	1 20	13 9	0 33	20 2	1 37	12 31	11 29	22 38	22 45	22 25	18 12	4 46
S 30	17 33	13 25	4 10	21 24	0 12	18 25	0 53	25 4	2 40	2 38	1 6	21 47	1 20	13 9	0 33	20 2	1 37	12 32	11 29	22 38	22 46	22 24	18 12	4 47
M31	17s16	8s28	4s50	21s19	0n 4	18s 7	0s55	25n 5	2n40	2n42	1s 6	21s47	1n20	13n10	0s33	20n 2	1s37	12n33	11n30	22n39	22n46	22n24	18s12	4n47

Julian Day Number = 3070631.5, Delta T = 02h36m19s
Ecliptic obliquity = 23°13'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'16, Lahiri = 47°37'17

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

FEBRUARY 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 48 42	12♒10'25	3♈57	23♑50	12♒35	15♊41	9♈38	5♑30	6♉52	9°R13	24°R56	12°R20	11♋ 2	22♋10	22♐ 5	T 1
W 2	8 52 39	13°11'30	17°40	25°16	13°50	15°53	9°49	5°36	6°53	9♊12	24♍55	12♋17	10°59	22°17	22°11	W 2
T 3	8 56 36	14°12'34	0♉55	26°42	15° 6	16° 6	10° 0	5°42	6°54	9°11	24°54	12°14	10°56	22°23	22°17	T 3
F 4	9 0 32	15°13'38	13°45	28° 9	16°21	16°20	10°11	5°49	6°55	9°11	24°53	12°D13	10°53	22°30	22°23	F 4
S 5	9 4 29	16°14'41	26°12	29°37	17°37	16°34	10°22	5°55	6°56	9°11	24°52	12°14	10°49	22°36	22°28	S 5
S 6	9 8 25	17°15'44	8♊21	1♒ 5	18°52	16°49	10°34	6° 1	6°57	9°10	24°51	12°15	10°46	22°43	22°34	S 6
M 7	9 12 22	18°16'47	20°19	2°34	20° 8	17° 4	10°45	6° 7	6°58	9°10	24°49	12°17	10°43	22°50	22°39	M 7
T 8	9 16 18	19°17'49	2♋ 9	4° 3	21°23	17°20	10°57	6°13	7° 0	9° 9	24°48	12°19	10°40	22°56	22°45	T 8
W 9	9 20 15	20°18'51	13°55	5°33	22°39	17°36	11° 8	6°18	7° 1	9° 9	24°47	12°R19	10°37	23° 3	22°50	W 9
T 10	9 24 11	21°19'52	25°42	7° 3	23°54	17°53	11°20	6°24	7° 2	9° 9	24°46	12°18	10°34	23°10	22°56	T 10
F 11	9 28 8	22°20'53	7♌33	8°34	25° 9	18°10	11°32	6°30	7° 4	9° 9	24°45	12°15	10°30	23°16	23° 1	F 11
S 12	9 32 5	23°21'53	19°29	10° 6	26°25	18°27	11°44	6°36	7° 5	9° 8	24°43	12°10	10°27	23°23	23° 6	S 12
S 13	9 36 1	24°22'53	1♍33	11°38	27°40	18°45	11°56	6°41	7° 7	9° 8	24°42	12° 3	10°24	23°30	23°11	S 13
M14	9 39 58	25°23'53	13°47	13°11	28°56	19° 4	12° 8	6°47	7° 8	9° 8	24°41	11°55	10°21	23°36	23°16	M14
T 15	9 43 54	26°24'52	26°10	14°44	0♓11	19°23	12°20	6°52	7°10	9° 8	24°40	11°46	10°18	23°43	23°21	T 15
W16	9 47 51	27°25'51	8♎44	16°18	1°27	19°42	12°33	6°58	7°11	9° 8	24°38	11°38	10°15	23°50	23°26	W16
T 17	9 51 47	28°26'49	21°30	17°52	2°42	20° 2	12°45	7° 3	7°13	9° 8	24°37	11°31	10°11	23°56	23°31	T 17
F 18	9 55 44	29°27'47	4♏29	19°27	3°57	20°22	12°57	7° 8	7°15	9°D 8	24°36	11°26	10° 8	24° 3	23°35	F 18
S 19	9 59 40	0♓28'45	17°44	21° 3	5°13	20°43	13°10	7°14	7°16	9° 8	24°34	11°23	10° 5	24°10	23°40	S 19
S 20	10 3 37	1°29'43	1♐15	22°39	6°28	21° 4	13°23	7°19	7°18	9° 8	24°33	11°D22	10° 2	24°16	23°44	S 20
M21	10 7 34	2°30'40	15° 5	24°15	7°44	21°25	13°35	7°24	7°20	9° 8	24°32	11°23	9°59	24°23	23°49	M21
T 22	10 11 30	3°31'37	29°13	25°53	8°59	21°47	13°48	7°29	7°22	9° 8	24°30	11°24	9°55	24°29	23°53	T 22
W23	10 15 27	4°32'33	13♑40	27°31	10°14	22° 9	14° 1	7°34	7°24	9° 8	24°29	11°R24	9°52	24°36	23°57	W23
T 24	10 19 23	5°33'29	28°22	29° 9	11°30	22°31	14°14	7°39	7°26	9° 9	24°27	11°23	9°49	24°43	24° 2	T 24
F 25	10 23 20	6°34'25	13♒15	0♓49	12°45	22°54	14°27	7°44	7°28	9° 9	24°26	11°19	9°46	24°49	24° 6	F 25
S 26	10 27 16	7°35'19	28°11	2°29	14° 1	23°17	14°40	7°49	7°30	9° 9	24°25	11°13	9°43	24°56	24°10	S 26
S 27	10 31 13	8°36'13	13♓ 1	4° 9	15°16	23°40	14°53	7°53	7°32	9° 9	24°23	11° 5	9°40	25° 3	24°14	S 27
M28	10 35 9	9♓37'06	27♓38	5♓51	16♓31	24♊ 4	15♈ 6	7♑58	7♉34	9♊10	24♍22	10♋55	9♋36	25♋ 9	24♐17	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16s59	3s12	5s10	21s12	0s 4	17s48	0s57	25n 6	2n40	2n46	1s 6	21s47	1n20	13n10	0s33	20n 2	1s37	12n33	11n30	22n39	22n46	22n24	18s12	4n48	T 1
W 2	16 42	2n 3	5 12	21 5	0 12	17 28	0 59	25 8	2 40	2 51	1 6	21 46	1 20	13 10	0 33	20 2	1 36	12 34	11 30	22 40	22 46	22 24	18 11	4 49	W 2
T 3	16 25	7 2	4 57	20 56	0 19	17 8	1 1	25 9	2 39	2 55	1 6	21 46	1 20	13 11	0 33	20 2	1 36	12 35	11 31	22 40	22 47	22 24	18 11	4 49	T 3
F 4	16 7	11 33	4 28	20 47	0 27	16 47	1 2	25 10	2 39	3 0	1 5	21 46	1 20	13 11	0 33	20 2	1 36	12 35	11 31	22 40	22 47	22 23	18 11	4 50	F 4
S 5	15 49	15 27	3 46	20 36	0 34	16 26	1 4	25 11	2 39	3 4	1 5	21 46	1 20	13 11	0 33	20 2	1 36	12 36	11 31	22 40	22 47	22 23	18 11	4 50	S 5
S 6	15 31	18 37	2 55	20 24	0 41	16 4	1 6	25 12	2 38	3 9	1 5	21 45	1 20	13 12	0 33	20 2	1 36	12 37	11 32	22 40	22 47	22 23	18 10	4 51	S 6
M 7	15 13	20 55	1 57	20 11	0 48	15 42	1 7	25 13	2 38	3 13	1 5	21 45	1 20	13 12	0 33	20 2	1 36	12 37	11 32	22 40	22 48	22 23	18 10	4 52	M 7
T 8	14 54	22 17	0 55	19 57	0 54	15 20	1 9	25 14	2 38	3 18	1 5	21 45	1 20	13 13	0 33	20 2	1 36	12 38	11 32	22 39	22 48	22 22	18 10	4 52	T 8
W 9	14 35	22 39	0n 9	19 41	1 0	14 57	1 10	25 16	2 37	3 22	1 5	21 44	1 20	13 13	0 33	20 2	1 36	12 39	11 32	22 39	22 48	22 22	18 9	4 53	W 9
T 10	14 16	22 0	1 12	19 25	1 7	14 34	1 12	25 17	2 37	3 27	1 5	21 44	1 20	13 14	0 33	20 2	1 36	12 40	11 33	22 39	22 48	22 22	18 9	4 53	T 10
F 11	13 56	20 22	2 13	19 7	1 12	14 10	1 13	25 18	2 37	3 32	1 4	21 44	1 20	13 14	0 33	20 2	1 36	12 40	11 33	22 40	22 49	22 22	18 9	4 54	F 11
S 12	13 36	17 49	3 8	18 48	1 18	13 46	1 14	25 19	2 36	3 37	1 4	21 43	1 20	13 15	0 32	20 2	1 36	12 41	11 33	22 40	22 49	22 21	18 8	4 55	S 12
S 13	13 16	14 29	3 55	18 28	1 23	13 21	1 16	25 20	2 36	3 41	1 4	21 43	1 20	13 15	0 32	20 2	1 36	12 42	11 33	22 41	22 49	22 21	18 8	4 55	S 13
M14	12 56	10 31	4 32	18 7	1 28	12 56	1 17	25 21	2 35	3 46	1 4	21 43	1 20	13 16	0 32	20 2	1 36	12 42	11 34	22 42	22 49	22 21	18 8	4 56	M14
T 15	12 36	6 4	4 57	17 45	1 33	12 31	1 18	25 23	2 35	3 51	1 4	21 43	1 20	13 16	0 32	20 2	1 36	12 43	11 34	22 42	22 50	22 20	18 7	4 57	T 15
W16	12 15	1 18	5 8	17 22	1 38	12 6	1 19	25 24	2 35	3 56	1 4	21 42	1 20	13 17	0 32	20 2	1 36	12 44	11 34	22 43	22 50	22 20	18 7	4 57	W16
T 17	11 54	3s36	5 4	16 57	1 42	11 40	1 20	25 25	2 34	4 1	1 4	21 42	1 20	13 17	0 32	20 3	1 36	12 45	11 34	22 44	22 50	22 20	18 6	4 58	T 17
F 18	11 33	8 26	4 44	16 32	1 46	11 14	1 21	25 26	2 34	4 6	1 4	21 42	1 20	13 18	0 32	20 3	1 36	12 45	11 35	22 44	22 50	22 20	18 6	4 59	F 18
S 19	11 12	12 59	4 9	16 5	1 49	10 47	1 22	25 27	2 33	4 11	1 4	21 41	1 20	13 18	0 32	20 3	1 36	12 46	11 35	22 44	22 51	22 19	18 5	4 59	S 19
S 20	10 51	16 58	3 19	15 37	1 53	10 20	1 23	25 28	2 33	4 15	1 3	21 41	1 20	13 19	0 32	20 3	1 35	12 47	11 35	22 44	22 51	22 19	18 5	5 0	S 20
M21	10 29	20 8	2 17	15 8	1 56	9 53	1 24	25 29	2 32	4 20	1 3	21 41	1 21	13 20	0 32	20 3	1 35	12 48	11 35	22 44	22 51	22 19	18 4	5 1	M21
T 22	10 7	22 8	1 5	14 38	1 59	9 26	1 24	25 29	2 32	4 25	1 3	21 40	1 21	13 20	0 32	20 3	1 35	12 48	11 35	22 44	22 51	22 18	18 4	5 1	T 22
W23	9 45	22 44	0s12	14 7	2 1	8 58	1 25	25 30	2 31	4 30	1 3	21 40	1 21	13 21	0 32	20 3	1 35	12 49	11 36	22 44	22 51	22 18	18 3	5 2	W23
T 24	9 23	21 46	1 30	13 35	2 3	8 30	1 26	25 31	2 31	4 36	1 3	21 40	1 21	13 22	0 32	20 3	1 35	12 50	11 36	22 44	22 52	22 18	18 3	5 3	T 24
F 25	9 1	19 17	2 42	13 2	2 5	8 2	1 26	25 32	2 30	4 41	1 3	21 39	1 21	13 22	0 32	20 3	1 35	12 50	11 36	22 45	22 52	22 17	18 2	5 3	F 25
S 26	8 39	15 30	3 44	12 28	2 6	7 34	1 27	25 32	2 30	4 46	1 3	21 39	1 21	13 23	0 32	20 3	1 35	12 51	11 36	22 45	22 52	22 17	18 2	5 4	S 26
S 27	8 16	10 46	4 29	11 52	2 7	7 6	1 27	25 33	2 29	4 51	1 3	21 39	1 21	13 24	0 32	20 3	1 35	12 52	11 36	22 46	22 52	22 17	18 1	5 5	S 27
M28	7s54	5s29	4s57	11s16	2s 7	6s37	1s27	25n34	2n28	4n56	1s 3	21s38	1n21	13n24	0s32	20n 3	1s35	12n53	11n37	22n47	22n53	22n16	18s 1	5n 5	M28

Julian Day Number = 3070662.5, Delta T = 02h36m20s
Ecliptic obliquity = 23°13'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'21, Lahiri = 47°37'21

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

MARCH 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 39 6	10♓37'57	11♈54	7♓33	17♓47	24♊28	15♈19	8♑ 2	7♉36	9♊10	24°R20	10°R45	9♋33	25♋16	24♐21	T 1
W 2	10 43 3	11°38'48	25°43	9°16	19° 2	24°52	15°33	8° 7	7°39	9°10	24♍19	10♋36	9°30	25°23	24°25	W 2
T 3	10 46 59	12°39'37	9♉ 4	10°59	20°17	25°17	15°46	8°11	7°41	9°11	24°17	10°29	9°27	25°29	24°28	T 3
F 4	10 50 56	13°40'25	21°59	12°44	21°33	25°41	15°59	8°16	7°43	9°11	24°16	10°24	9°24	25°36	24°32	F 4
S 5	10 54 52	14°41'12	4♊30	14°29	22°48	26° 7	16°13	8°20	7°45	9°12	24°14	10°22	9°20	25°43	24°35	S 5
S 6	10 58 49	15°41'58	16°42	16°14	24° 3	26°32	16°26	8°24	7°48	9°13	24°13	10°D21	9°17	25°49	24°38	S 6
M 7	11 2 45	16°42'42	28°40	18° 1	25°18	26°58	16°40	8°28	7°50	9°13	24°11	10°22	9°14	25°56	24°41	M 7
T 8	11 6 42	17°43'25	10♋29	19°48	26°34	27°24	16°54	8°32	7°53	9°14	24°10	10°R22	9°11	26° 3	24°44	T 8
W 9	11 10 38	18°44'06	22°16	21°36	27°49	27°50	17° 7	8°36	7°55	9°14	24° 8	10°21	9° 8	26° 9	24°47	W 9
T 10	11 14 35	19°44'46	4♌ 4	23°25	29° 4	28°16	17°21	8°40	7°58	9°15	24° 7	10°18	9° 5	26°16	24°50	T 10
F 11	11 18 31	20°45'24	15°58	25°14	0♈19	28°43	17°35	8°43	8° 0	9°16	24° 5	10°13	9° 1	26°23	24°53	F 11
S 12	11 22 28	21°46'01	28° 2	27° 3	1°34	29°10	17°49	8°47	8° 3	9°17	24° 4	10° 5	8°58	26°29	24°55	S 12
S 13	11 26 25	22°46'37	10♍17	28°54	2°49	29°37	18° 3	8°50	8° 5	9°17	24° 2	9°54	8°55	26°36	24°58	S 13
M14	11 30 21	23°47'11	22°45	0♈44	4° 5	0♋ 4	18°16	8°54	8° 8	9°18	24° 1	9°41	8°52	26°42	25° 0	M14
T 15	11 34 18	24°47'44	5♎27	2°35	5°20	0°32	18°30	8°57	8°11	9°19	23°59	9°28	8°49	26°49	25° 3	T 15
W16	11 38 14	25°48'15	18°21	4°26	6°35	0°59	18°44	9° 1	8°13	9°20	23°58	9°15	8°46	26°56	25° 5	W16
T 17	11 42 11	26°48'45	1♏26	6°17	7°50	1°27	18°58	9° 4	8°16	9°21	23°56	9° 4	8°42	27° 2	25° 7	T 17
F 18	11 46 7	27°49'14	14°43	8° 7	9° 5	1°55	19°13	9° 7	8°19	9°22	23°55	8°55	8°39	27° 9	25° 9	F 18
S 19	11 50 4	28°49'42	28°10	9°57	10°20	2°24	19°27	9°10	8°22	9°23	23°53	8°49	8°36	27°16	25°11	S 19
S 20	11 54 0	29°50'09	11♐48	11°47	11°35	2°52	19°41	9°13	8°25	9°24	23°52	8°46	8°33	27°22	25°13	S 20
M21	11 57 57	0♈50'35	25°36	13°35	12°50	3°21	19°55	9°16	8°28	9°25	23°50	8°45	8°30	27°29	25°14	M21
T 22	12 1 54	1°50'59	9♑35	15°22	14° 5	3°50	20° 9	9°18	8°30	9°26	23°49	8°45	8°26	27°36	25°16	T 22
W23	12 5 50	2°51'22	23°45	17° 7	15°20	4°19	20°23	9°21	8°33	9°27	23°47	8°45	8°23	27°42	25°18	W23
T 24	12 9 47	3°51'44	8♒ 5	18°49	16°35	4°48	20°38	9°24	8°36	9°28	23°46	8°42	8°20	27°49	25°19	T 24
F 25	12 13 43	4°52'05	22°33	20°29	17°50	5°17	20°52	9°26	8°39	9°29	23°44	8°38	8°17	27°56	25°20	F 25
S 26	12 17 40	5°52'24	7♓ 3	22° 5	19° 4	5°47	21° 6	9°28	8°42	9°30	23°43	8°30	8°14	28° 2	25°21	S 26
S 27	12 21 36	6°52'41	21°31	23°38	20°19	6°16	21°21	9°31	8°45	9°32	23°41	8°19	8°11	28° 9	25°22	S 27
M28	12 25 33	7°52'58	5♈49	25° 6	21°34	6°46	21°35	9°33	8°48	9°33	23°40	8° 7	8° 7	28°16	25°23	M28
T 29	12 29 29	8°53'12	19°52	26°29	22°49	7°16	21°50	9°35	8°51	9°34	23°39	7°54	8° 4	28°22	25°24	T 29
W30	12 33 26	9°53'25	3♉34	27°46	24° 4	7°46	22° 4	9°37	8°54	9°36	23°37	7°42	8° 1	28°29	25°25	W30
T 31	12 37 22	10♈53'36	16♉53	28♈57	25♈19	8♋16	22♈18	9♑39	8♉58	9♊37	23♍36	7♋33	7♋58	28♋36	25♐26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s31	0s 1	5s 5	10s38	2s 8	6s 8	1s28	25n34	2n28	5n 1	1s 3	21s38	1n21	13n25	0s32	20n 4	1s35	12n53	11n37	22n47	22n53	22n16	18s 0	5n 6
W 2	7 8	5n16	4 54	10 0	2 7	5 39	1 28	25 35	2 27	5 6	1 2	21 38	1 21	13 26	0 32	20 4	1 35	12 54	11 37	22 48	22 53	22 15	18 0	5 7
T 3	6 45	10 9	4 28	9 20	2 7	5 10	1 28	25 35	2 27	5 11	1 2	21 37	1 21	13 27	0 32	20 4	1 35	12 55	11 37	22 49	22 53	22 15	17 59	5 8
F 4	6 22	14 25	3 49	8 39	2 5	4 40	1 28	25 35	2 26	5 17	1 2	21 37	1 21	13 27	0 32	20 4	1 35	12 56	11 37	22 49	22 54	22 15	17 58	5 8
S 5	5 59	17 54	2 59	7 58	2 4	4 11	1 28	25 35	2 26	5 22	1 2	21 37	1 21	13 28	0 32	20 4	1 35	12 56	11 37	22 49	22 54	22 14	17 58	5 9
S 6	5 35	20 31	2 3	7 15	2 2	3 41	1 28	25 36	2 25	5 27	1 2	21 36	1 21	13 29	0 32	20 4	1 35	12 57	11 37	22 49	22 54	22 14	17 57	5 10
M 7	5 12	22 11	1 2	6 32	1 59	3 12	1 28	25 36	2 24	5 32	1 2	21 36	1 21	13 30	0 32	20 4	1 35	12 58	11 38	22 49	22 54	22 13	17 57	5 11
T 8	4 49	22 49	0n 1	5 47	1 56	2 42	1 28	25 36	2 24	5 37	1 2	21 36	1 21	13 31	0 32	20 4	1 35	12 58	11 38	22 49	22 54	22 13	17 56	5 11
W 9	4 25	22 26	1 3	5 2	1 53	2 12	1 27	25 36	2 23	5 43	1 2	21 35	1 21	13 31	0 32	20 5	1 34	12 59	11 38	22 49	22 55	22 13	17 55	5 12
T 10	4 1	21 3	2 3	4 16	1 49	1 42	1 27	25 35	2 23	5 48	1 2	21 35	1 21	13 32	0 32	20 5	1 34	13 0	11 38	22 49	22 55	22 12	17 55	5 13
F 11	3 38	18 44	2 57	3 28	1 44	1 12	1 27	25 35	2 22	5 53	1 2	21 35	1 22	13 33	0 32	20 5	1 34	13 0	11 38	22 50	22 55	22 12	17 54	5 14
S 12	3 14	15 34	3 45	2 40	1 39	0 42	1 26	25 35	2 22	5 59	1 2	21 35	1 22	13 34	0 32	20 5	1 34	13 1	11 38	22 51	22 55	22 11	17 53	5 14
S 13	2 50	11 42	4 22	1 52	1 33	0 12	1 26	25 34	2 21	6 4	1 2	21 34	1 22	13 35	0 32	20 5	1 34	13 2	11 38	22 51	22 55	22 11	17 53	5 15
M14	2 27	7 16	4 48	1 2	1 27	0n18	1 25	25 34	2 20	6 9	1 2	21 34	1 22	13 36	0 32	20 5	1 34	13 2	11 38	22 52	22 56	22 10	17 52	5 16
T 15	2 3	2 27	5 0	0 12	1 20	0 48	1 25	25 33	2 20	6 14	1 1	21 34	1 22	13 36	0 32	20 6	1 34	13 3	11 38	22 53	22 56	22 10	17 51	5 17
W16	1 39	2s32	4 57	0n38	1 12	1 18	1 24	25 32	2 19	6 20	1 1	21 33	1 22	13 37	0 32	20 6	1 34	13 4	11 38	22 54	22 56	22 10	17 51	5 17
T 17	1 15	7 30	4 39	1 29	1 4	1 48	1 23	25 31	2 19	6 25	1 1	21 33	1 22	13 38	0 32	20 6	1 34	13 4	11 38	22 55	22 56	22 9	17 50	5 18
F 18	0 52	12 12	4 5	2 21	0 55	2 18	1 22	25 30	2 18	6 30	1 1	21 33	1 22	13 39	0 31	20 6	1 34	13 5	11 38	22 55	22 57	22 9	17 49	5 19
S 19	0 28	16 22	3 17	3 12	0 46	2 48	1 21	25 29	2 17	6 36	1 1	21 33	1 22	13 40	0 31	20 6	1 34	13 6	11 39	22 56	22 57	22 8	17 49	5 20
S 20	0 4	19 44	2 17	4 4	0 36	3 18	1 20	25 28	2 17	6 41	1 1	21 32	1 22	13 41	0 31	20 7	1 34	13 6	11 39	22 56	22 57	22 8	17 48	5 20
M21	0n20	22 0	1 9	4 55	0 26	3 48	1 19	25 27	2 16	6 46	1 1	21 32	1 22	13 42	0 31	20 7	1 34	13 7	11 39	22 56	22 57	22 7	17 47	5 21
T 22	0 44	22 57	0s 4	5 46	0 14	4 18	1 18	25 26	2 16	6 52	1 1	21 32	1 22	13 43	0 31	20 7	1 34	13 8	11 39	22 56	22 57	22 7	17 46	5 22
W23	1 8	22 27	1 19	6 37	0 3	4 48	1 17	25 24	2 15	6 57	1 1	21 32	1 22	13 44	0 31	20 7	1 34	13 8	11 39	22 56	22 58	22 6	17 46	5 23
T 24	1 31	20 28	2 28	7 27	0n 9	5 17	1 16	25 22	2 14	7 2	1 1	21 31	1 22	13 45	0 31	20 7	1 34	13 9	11 39	22 56	22 58	22 6	17 45	5 24
F 25	1 55	17 10	3 29	8 16	0 22	5 47	1 15	25 21	2 14	7 8	1 1	21 31	1 23	13 46	0 31	20 8	1 34	13 9	11 39	22 57	22 58	22 5	17 44	5 24
S 26	2 19	12 49	4 17	9 4	0 35	6 16	1 13	25 19	2 13	7 13	1 1	21 31	1 23	13 47	0 31	20 8	1 34	13 10	11 39	22 57	22 58	22 5	17 43	5 25
S 27	2 42	7 45	4 48	9 50	0 48	6 45	1 12	25 17	2 13	7 19	1 1	21 31	1 23	13 48	0 31	20 8	1 34	13 10	11 39	22 58	22 58	22 4	17 43	5 26
M28	3 6	2 18	5 0	10 35	1 1	7 14	1 11	25 15	2 12	7 24	1 1	21 30	1 23	13 49	0 31	20 8	1 33	13 11	11 39	22 59	22 58	22 4	17 42	5 27
T 29	3 30	3n 9	4 54	11 17	1 15	7 43	1 9	25 13	2 11	7 29	1 1	21 30	1 23	13 50	0 31	20 9	1 33	13 12	11 39	22 59	22 59	22 3	17 41	5 27
W30	3 53	8 20	4 31	11 58	1 28	8 12	1 8	25 10	2 11	7 35	1 1	21 30	1 23	13 51	0 31	20 9	1 33	13 12	11 39	23 0	22 59	22 3	17 40	5 28
T 31	4n16	13n 0	3s53	12n35	1n42	8n41	1s 6	25n 8	2n10	7n40	1s 1	21s30	1n23	13n52	0s31	20n 9	1s33	13n13	11n39	23n 1	22n59	22n 2	17s40	5n29

Julian Day Number = 3070690.5, Delta T = 02h36m21s
Ecliptic obliquity = 23°13'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'25, Lahiri = 47°37'25

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

APRIL 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 41 19	11♈53'45	29♉48	0♉ 1	26♈33	8♋47	22♈33	9♏40	9♉ 1	9♊38	23°R34	7°R25	7♋55	28♋42	25♐26	F 1
S 2	12 45 16	12°53'52	12♊21	0°58	27°48	9°17	22°47	9°42	9° 4	9°40	23♍33	7♋21	7°52	28°49	25°27	S 2
S 3	12 49 12	13°53'57	24°35	1°47	29° 3	9°48	23° 2	9°44	9° 7	9°41	23°31	7°19	7°48	28°55	25°27	S 3
M 4	12 53 9	14°54'01	6♋34	2°27	0♉17	10°19	23°16	9°45	9°10	9°43	23°30	7°D18	7°45	29° 2	25°27	M 4
T 5	12 57 5	15°54'02	18°26	3° 0	1°32	10°50	23°31	9°46	9°13	9°44	23°29	7°R19	7°42	29° 9	25°R27	T 5
W 6	13 1 2	16°54'01	0♌14	3°24	2°47	11°21	23°45	9°48	9°17	9°46	23°27	7°18	7°39	29°15	25°27	W 6
T 7	13 4 58	17°53'58	12° 4	3°38	4° 1	11°52	24° 0	9°49	9°20	9°47	23°26	7°16	7°36	29°22	25°27	T 7
F 8	13 8 55	18°53'53	24° 1	3°R45	5°16	12°23	24°15	9°50	9°23	9°49	23°25	7°11	7°32	29°29	25°27	F 8
S 9	13 12 51	19°53'46	6♍10	3°42	6°30	12°55	24°29	9°51	9°26	9°50	23°23	7° 3	7°29	29°35	25°27	S 9
S 10	13 16 48	20°53'37	18°34	3°31	7°45	13°26	24°44	9°52	9°30	9°52	23°22	6°53	7°26	29°42	25°26	S 10
M11	13 20 45	21°53'26	1♎15	3°12	8°59	13°58	24°58	9°53	9°33	9°53	23°21	6°42	7°23	29°49	25°26	M11
T 12	13 24 41	22°53'13	14°13	2°45	10°13	14°30	25°13	9°53	9°36	9°55	23°19	6°29	7°20	29°55	25°25	T 12
W13	13 28 38	23°52'58	27°28	2°12	11°28	15° 2	25°27	9°54	9°40	9°57	23°18	6°17	7°17	0♌ 2	25°24	W13
T 14	13 32 34	24°52'41	10♏58	1°32	12°42	15°34	25°42	9°54	9°43	9°58	23°17	6° 6	7°13	0° 9	25°23	T 14
F 15	13 36 31	25°52'22	24°39	0°48	13°57	16° 6	25°57	9°55	9°46	10° 0	23°16	5°58	7°10	0°15	25°22	F 15
S 16	13 40 27	26°52'02	8♐29	29♈59	15°11	16°38	26°11	9°55	9°50	10° 2	23°14	5°52	7° 7	0°22	25°21	S 16
S 17	13 44 24	27°51'40	22°26	29° 8	16°25	17°10	26°26	9°55	9°53	10° 4	23°13	5°49	7° 4	0°29	25°20	S 17
M18	13 48 20	28°51'17	6♑28	28°15	17°39	17°42	26°40	9°R55	9°56	10° 6	23°12	5°D49	7° 1	0°35	25°19	M18
T 19	13 52 17	29°50'52	20°32	27°21	18°53	18°15	26°55	9°55	10° 0	10° 7	23°11	5°49	6°58	0°42	25°18	T 19
W20	13 56 14	0♒50'25	4♒39	26°28	20° 8	18°47	27°10	9°55	10° 3	10° 9	23°10	5°R49	6°54	0°49	25°16	W20
T 21	14 0 10	1°49'56	18°46	25°36	21°22	19°20	27°24	9°55	10° 7	10°11	23° 9	5°48	6°51	0°55	25°15	T 21
F 22	14 4 7	2°49'26	2♓54	24°47	22°36	19°52	27°39	9°54	10°10	10°13	23° 7	5°44	6°48	1° 2	25°13	F 22
S 23	14 8 3	3°48'54	16°59	24° 1	23°50	20°25	27°53	9°54	10°13	10°15	23° 6	5°39	6°45	1° 9	25°11	S 23
S 24	14 12 0	4°48'21	0♈59	23°19	25° 4	20°58	28° 8	9°53	10°17	10°17	23° 5	5°30	6°42	1°15	25°10	S 24
M25	14 15 56	5°47'46	14°50	22°42	26°18	21°31	28°22	9°52	10°20	10°19	23° 4	5°21	6°38	1°22	25° 8	M25
T 26	14 19 53	6°47'08	28°29	22°10	27°32	22° 4	28°37	9°52	10°24	10°21	23° 3	5°10	6°35	1°29	25° 6	T 26
W27	14 23 49	7°46'29	11♉51	21°43	28°46	22°37	28°51	9°51	10°27	10°22	23° 2	5° 1	6°32	1°35	25° 4	W27
T 28	14 27 46	8°45'48	24°56	21°22	29°59	23°10	29° 6	9°50	10°31	10°24	23° 1	4°53	6°29	1°42	25° 1	T 28
F 29	14 31 43	9°45'05	7♊42	21° 6	1♊14	23°43	29°20	9°49	10°34	10°26	23° 0	4°47	6°26	1°49	24°59	F 29
S 30	14 35 39	10♉44'20	20♊10	20♈57	2♊27	24♋17	29♈35	9♏48	10♉37	10♊28	22♍59	4♋43	6♋23	1♌55	24♐57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n40	16n55	3s 5	13n10	1n55	9n 9	1s 4	25n 5	2n10	7n45	1s 1	21s29	1n23	13n53	0s31	20n 9	1s33	13n13	11n39	23n 1	22n59	22n 2	17s39	5n30
S 2	5 3	19 57	2 8	13 42	2 8	9 37	1 3	25 3	2 9	7 51	1 1	21 29	1 23	13 54	0 31	20 10	1 33	13 14	11 39	23 1	22 59	22 1	17 38	5 31
S 3	5 26	22 0	1 7	14 11	2 20	10 5	1 1	25 0	2 8	7 56	1 1	21 29	1 23	13 55	0 31	20 10	1 33	13 14	11 38	23 1	23 0	22 0	17 37	5 31
M 4	5 49	23 0	0 4	14 36	2 32	10 33	0 59	24 57	2 8	8 1	1 1	21 29	1 23	13 56	0 31	20 10	1 33	13 15	11 38	23 1	23 0	22 0	17 37	5 32
T 5	6 12	22 56	0n59	14 57	2 43	11 0	0 57	24 54	2 7	8 7	1 1	21 29	1 23	13 57	0 31	20 10	1 33	13 15	11 38	23 1	23 0	21 59	17 36	5 33
W 6	6 35	21 51	1 58	15 14	2 53	11 28	0 55	24 51	2 7	8 12	1 1	21 29	1 23	13 58	0 31	20 11	1 33	13 16	11 38	23 1	23 0	21 59	17 35	5 34
T 7	6 58	19 48	2 53	15 28	3 1	11 54	0 53	24 47	2 6	8 17	1 1	21 28	1 24	13 59	0 31	20 11	1 33	13 16	11 38	23 1	23 0	21 58	17 34	5 34
F 8	7 20	16 52	3 41	15 37	3 9	12 21	0 51	24 44	2 5	8 23	1 1	21 28	1 24	14 0	0 31	20 11	1 33	13 17	11 38	23 2	23 1	21 58	17 34	5 35
S 9	7 43	13 11	4 19	15 42	3 15	12 47	0 49	24 40	2 5	8 28	1 1	21 28	1 24	14 1	0 31	20 11	1 33	13 17	11 38	23 2	23 1	21 57	17 33	5 36
S 10	8 5	8 53	4 46	15 42	3 20	13 13	0 47	24 37	2 4	8 33	1 1	21 28	1 24	14 2	0 31	20 12	1 33	13 18	11 38	23 3	23 1	21 56	17 32	5 37
M11	8 27	4 6	5 0	15 38	3 22	13 39	0 45	24 33	2 4	8 38	1 1	21 28	1 24	14 3	0 31	20 12	1 33	13 18	11 38	23 3	23 1	21 56	17 31	5 38
T 12	8 49	0s58	4 59	15 30	3 23	14 4	0 43	24 29	2 3	8 44	1 1	21 28	1 24	14 4	0 31	20 12	1 33	13 18	11 38	23 4	23 1	21 55	17 30	5 38
W13	9 11	6 6	4 41	15 18	3 23	14 29	0 40	24 25	2 2	8 49	1 1	21 28	1 24	14 5	0 31	20 13	1 33	13 19	11 38	23 4	23 1	21 55	17 30	5 39
T 14	9 33	11 3	4 8	15 2	3 20	14 54	0 38	24 20	2 2	8 54	1 1	21 27	1 24	14 6	0 31	20 13	1 33	13 19	11 38	23 5	23 2	21 54	17 29	5 40
F 15	9 54	15 31	3 20	14 42	3 16	15 18	0 36	24 16	2 1	8 59	1 1	21 27	1 24	14 7	0 31	20 13	1 33	13 20	11 37	23 5	23 2	21 53	17 28	5 41
S 16	10 16	19 13	2 20	14 19	3 9	15 42	0 34	24 12	2 1	9 5	1 1	21 27	1 24	14 8	0 31	20 13	1 33	13 20	11 37	23 6	23 2	21 53	17 27	5 41
S 17	10 37	21 50	1 11	13 54	3 1	16 6	0 31	24 7	2 0	9 10	1 1	21 27	1 24	14 9	0 31	20 14	1 33	13 20	11 37	23 6	23 2	21 52	17 27	5 42
M18	10 58	23 7	0s 3	13 25	2 51	16 29	0 29	24 2	1 59	9 15	1 1	21 27	1 24	14 10	0 31	20 14	1 33	13 21	11 37	23 6	23 2	21 51	17 26	5 43
T 19	11 19	22 57	1 18	12 56	2 40	16 52	0 26	23 57	1 59	9 20	1 1	21 27	1 24	14 11	0 31	20 14	1 33	13 21	11 37	23 6	23 2	21 51	17 25	5 44
W20	11 40	21 19	2 27	12 25	2 27	17 14	0 24	23 52	1 58	9 26	1 1	21 27	1 25	14 12	0 31	20 15	1 32	13 21	11 37	23 6	23 3	21 50	17 24	5 44
T 21	12 0	18 21	3 28	11 53	2 14	17 36	0 21	23 47	1 58	9 31	1 1	21 27	1 25	14 14	0 31	20 15	1 32	13 22	11 37	23 6	23 3	21 49	17 23	5 45
F 22	12 20	14 20	4 16	11 22	1 59	17 57	0 19	23 42	1 57	9 36	1 1	21 27	1 25	14 15	0 31	20 15	1 32	13 22	11 37	23 6	23 3	21 49	17 23	5 46
S 23	12 41	9 31	4 48	10 51	1 44	18 18	0 16	23 36	1 56	9 41	1 1	21 27	1 25	14 16	0 31	20 15	1 32	13 22	11 36	23 6	23 3	21 48	17 22	5 46
S 24	13 0	4 15	5 3	10 20	1 28	18 38	0 14	23 31	1 56	9 46	1 1	21 27	1 25	14 17	0 31	20 16	1 32	13 23	11 36	23 6	23 3	21 47	17 21	5 47
M25	13 20	1n10	5 0	9 52	1 11	18 58	0 11	23 25	1 55	9 51	1 1	21 27	1 25	14 18	0 31	20 16	1 32	13 23	11 36	23 7	23 3	21 47	17 20	5 48
T 26	13 39	6 28	4 40	9 25	0 55	19 17	0 9	23 19	1 55	9 56	1 1	21 27	1 25	14 19	0 31	20 16	1 32	13 23	11 36	23 7	23 4	21 46	17 20	5 49
W27	13 59	11 22	4 4	9 0	0 39	19 36	0 6	23 13	1 54	10 1	1 1	21 27	1 25	14 20	0 31	20 17	1 32	13 23	11 36	23 8	23 4	21 45	17 19	5 49
T 28	14 18	15 39	3 16	8 37	0 23	19 55	0 3	23 7	1 54	10 6	1 1	21 27	1 25	14 21	0 31	20 17	1 32	13 23	11 36	23 8	23 4	21 45	17 18	5 50
F 29	14 36	19 6	2 20	8 16	0 7	20 12	0 1	23 1	1 53	10 11	1 1	21 27	1 25	14 22	0 31	20 17	1 32	13 24	11 35	23 8	23 4	21 44	17 17	5 51
S 30	14n55	21n34	1s17	7n58	0s 8	20n30	0n 2	22n55	1n52	10n16	1s 1	21s27	1n25	14n23	0s31	20n18	1s32	13n24	11n35	23n 8	23n 4	21n43	17s16	5n51

Julian Day Number = 3070721.5, Delta T = 02h36m22s
Ecliptic obliquity = 23°13'16, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'29, Lahiri = 47°37'29

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

MAY 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 39 36	11♉43'33	2♋22	20°D52	3♊41	24♋50	29♈49	9°R46	10♉41	10♊30	22°R58	4°D42	6♋19	2♌ 2	24°R54	S 1
M 2	14 43 32	12°42'44	14°22	20♈53	4°55	25°23	0♉ 4	9♉45	10°44	10°33	22♍58	4♋43	6°16	2° 9	24♐52	M 2
T 3	14 47 29	13°41'53	26°14	21° 0	6° 9	25°57	0°18	9°44	10°48	10°35	22°57	4°44	6°13	2°15	24°49	T 3
W 4	14 51 25	14°40'59	8♌ 3	21°12	7°22	26°30	0°32	9°42	10°51	10°37	22°56	4°45	6°10	2°22	24°46	W 4
T 5	14 55 22	15°40'03	19°54	21°28	8°36	27° 4	0°47	9°40	10°55	10°39	22°55	4°R45	6° 7	2°28	24°44	T 5
F 6	14 59 18	16°39'05	1♍52	21°50	9°50	27°38	1° 1	9°39	10°58	10°41	22°54	4°43	6° 3	2°35	24°41	F 6
S 7	15 3 15	17°38'05	14° 3	22°16	11° 3	28°12	1°15	9°37	11° 1	10°43	22°53	4°40	6° 0	2°42	24°38	S 7
S 8	15 7 12	18°37'02	26°31	22°47	12°17	28°45	1°30	9°35	11° 5	10°45	22°53	4°35	5°57	2°48	24°35	S 8
M 9	15 11 8	19°35'57	9♎18	23°21	13°30	29°19	1°44	9°33	11° 8	10°47	22°52	4°28	5°54	2°55	24°32	M 9
T 10	15 15 5	20°34'50	22°27	24° 0	14°43	29°53	1°58	9°31	11°12	10°49	22°51	4°21	5°51	3° 2	24°29	T 10
W11	15 19 1	21°33'41	5♏57	24°42	15°57	0♌27	2°12	9°29	11°15	10°51	22°51	4°14	5°48	3° 8	24°25	W11
T 12	15 22 58	22°32'31	19°46	25°28	17°10	1° 1	2°26	9°26	11°18	10°54	22°50	4° 7	5°44	3°15	24°22	T 12
F 13	15 26 54	23°31'18	3♐52	26°18	18°23	1°35	2°40	9°24	11°22	10°56	22°49	4° 2	5°41	3°22	24°19	F 13
S 14	15 30 51	24°30'04	18° 9	27°11	19°37	2° 9	2°54	9°22	11°25	10°58	22°49	3°59	5°38	3°28	24°15	S 14
S 15	15 34 47	25°28'47	2♑32	28° 6	20°50	2°44	3° 9	9°19	11°29	11° 0	22°48	3°D58	5°35	3°35	24°12	S 15
M16	15 38 44	26°27'30	16°57	29° 5	22° 3	3°18	3°23	9°17	11°32	11° 2	22°48	3°59	5°32	3°42	24° 8	M16
T 17	15 42 41	27°26'10	1♒19	0♉ 7	23°16	3°52	3°36	9°14	11°35	11° 5	22°47	4° 0	5°29	3°48	24° 5	T 17
W18	15 46 37	28°24'49	15°36	1°11	24°29	4°26	3°50	9°11	11°39	11° 7	22°47	4° 1	5°25	3°55	24° 1	W18
T 19	15 50 34	29°23'26	29°45	2°18	25°42	5° 1	4° 4	9° 8	11°42	11° 9	22°46	4°R 2	5°22	4° 2	23°57	T 19
F 20	15 54 30	0♊22'02	13♓44	3°27	26°55	5°35	4°18	9° 5	11°45	11°11	22°46	4° 1	5°19	4° 8	23°53	F 20
S 21	15 58 27	1°20'36	27°34	4°39	28° 8	6°10	4°32	9° 2	11°48	11°13	22°46	3°59	5°16	4°15	23°50	S 21
S 22	16 2 23	2°19'09	11♈11	5°54	29°21	6°44	4°46	8°59	11°52	11°16	22°45	3°55	5°13	4°22	23°46	S 22
M23	16 6 20	3°17'40	24°37	7°10	0♋34	7°19	4°59	8°56	11°55	11°18	22°45	3°51	5° 9	4°28	23°42	M23
T 24	16 10 16	4°16'09	7♉50	8°29	1°47	7°53	5°13	8°53	11°58	11°20	22°45	3°46	5° 6	4°35	23°38	T 24
W25	16 14 13	5°14'37	20°48	9°50	3° 0	8°28	5°27	8°50	12° 1	11°22	22°44	3°42	5° 3	4°42	23°34	W25
T 26	16 18 10	6°13'03	3♊33	11°13	4°12	9° 3	5°40	8°46	12° 5	11°25	22°44	3°38	5° 0	4°48	23°30	T 26
F 27	16 22 6	7°11'28	16° 3	12°38	5°25	9°37	5°54	8°43	12° 8	11°27	22°44	3°35	4°57	4°55	23°26	F 27
S 28	16 26 3	8° 9'51	28°20	14° 5	6°38	10°12	6° 7	8°39	12°11	11°29	22°44	3°D34	4°54	5° 2	23°21	S 28
S 29	16 29 59	9° 8'12	10♋26	15°34	7°50	10°47	6°21	8°36	12°14	11°32	22°44	3°34	4°50	5° 8	23°17	S 29
M30	16 33 56	10° 6'31	22°23	17° 5	9° 3	11°22	6°34	8°32	12°17	11°34	22°43	3°35	4°47	5°15	23°13	M30
T 31	16 37 52	11♊ 4'48	4♌14	18♉38	10♋15	11♌57	6♉47	8♉28	12♉20	11♊36	22♍43	3♋37	4♋44	5♌22	23♐ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n13	22n59	0s13	7n43	0s23	20n46	0n 5	22n48	1n52	10n21	1s 1	21s27	1n25	14n24	0s31	20n18	1s32	13n24	11n35	23n 8	23n 4	21n42	17s16	5n52
M 2	15 31	23 19	0n52	7 30	0 38	21 3	0 7	22 41	1 51	10 26	1 1	21 27	1 25	14 25	0 31	20 18	1 32	13 24	11 35	23 8	23 4	21 42	17 15	5 53
T 3	15 48	22 34	1 53	7 20	0 51	21 18	0 10	22 35	1 51	10 31	1 1	21 27	1 25	14 26	0 31	20 19	1 32	13 24	11 35	23 8	23 5	21 41	17 14	5 53
W 4	16 6	20 50	2 50	7 12	1 4	21 33	0 13	22 28	1 50	10 36	1 1	21 27	1 25	14 27	0 31	20 19	1 32	13 25	11 34	23 8	23 5	21 40	17 13	5 54
T 5	16 23	18 11	3 39	7 7	1 17	21 48	0 16	22 21	1 50	10 41	1 1	21 27	1 25	14 28	0 31	20 19	1 32	13 25	11 34	23 8	23 5	21 40	17 13	5 55
F 6	16 40	14 45	4 20	7 4	1 28	22 1	0 18	22 14	1 49	10 46	1 1	21 27	1 26	14 30	0 31	20 20	1 32	13 25	11 34	23 8	23 5	21 39	17 12	5 55
S 7	16 56	10 40	4 49	7 3	1 39	22 15	0 21	22 6	1 48	10 51	1 1	21 27	1 26	14 31	0 31	20 20	1 32	13 25	11 34	23 8	23 5	21 38	17 11	5 56
S 8	17 12	6 3	5 6	7 5	1 49	22 27	0 24	21 59	1 48	10 56	1 1	21 27	1 26	14 32	0 31	20 20	1 32	13 25	11 34	23 9	23 5	21 37	17 10	5 56
M 9	17 28	1 4	5 8	7 9	1 59	22 39	0 27	21 51	1 47	11 1	1 1	21 27	1 26	14 33	0 31	20 20	1 32	13 25	11 33	23 9	23 5	21 37	17 10	5 57
T 10	17 44	4s 6	4 54	7 15	2 8	22 50	0 29	21 44	1 47	11 5	1 1	21 27	1 26	14 34	0 31	20 21	1 32	13 25	11 33	23 9	23 6	21 36	17 9	5 58
W11	17 59	9 14	4 23	7 23	2 16	23 1	0 32	21 36	1 46	11 10	1 1	21 28	1 26	14 35	0 31	20 21	1 32	13 25	11 33	23 9	23 6	21 35	17 8	5 58
T 12	18 14	14 2	3 37	7 32	2 23	23 11	0 35	21 28	1 45	11 15	1 1	21 28	1 26	14 36	0 31	20 21	1 32	13 25	11 33	23 9	23 6	21 34	17 8	5 59
F 13	18 29	18 10	2 36	7 44	2 30	23 20	0 37	21 20	1 45	11 20	1 1	21 28	1 26	14 37	0 31	20 22	1 32	13 25	11 32	23 10	23 6	21 33	17 7	5 59
S 14	18 43	21 17	1 25	7 57	2 36	23 29	0 40	21 12	1 44	11 24	1 1	21 28	1 26	14 38	0 31	20 22	1 32	13 25	11 32	23 10	23 6	21 33	17 6	6 0
S 15	18 57	23 4	0 8	8 12	2 41	23 37	0 43	21 3	1 44	11 29	1 1	21 28	1 26	14 39	0 31	20 22	1 32	13 25	11 32	23 10	23 6	21 32	17 6	6 0
M16	19 11	23 19	1s10	8 28	2 46	23 44	0 45	20 55	1 43	11 34	1 1	21 28	1 26	14 40	0 31	20 23	1 32	13 25	11 32	23 10	23 6	21 31	17 5	6 1
T 17	19 24	22 1	2 24	8 45	2 50	23 51	0 48	20 46	1 43	11 38	1 2	21 28	1 26	14 41	0 31	20 23	1 32	13 25	11 32	23 10	23 7	21 30	17 4	6 2
W18	19 38	19 19	3 28	9 4	2 53	23 57	0 51	20 38	1 42	11 43	1 2	21 29	1 26	14 42	0 31	20 23	1 32	13 25	11 31	23 10	23 7	21 29	17 4	6 2
T 19	19 50	15 29	4 18	9 25	2 56	24 2	0 53	20 29	1 42	11 48	1 2	21 29	1 26	14 43	0 31	20 24	1 32	13 25	11 31	23 10	23 7	21 29	17 3	6 3
F 20	20 3	10 51	4 53	9 46	2 58	24 7	0 56	20 20	1 41	11 52	1 2	21 29	1 26	14 44	0 31	20 24	1 32	13 25	11 31	23 10	23 7	21 28	17 2	6 3
S 21	20 15	5 43	5 10	10 8	2 59	24 11	0 58	20 11	1 40	11 57	1 2	21 29	1 26	14 45	0 31	20 24	1 32	13 25	11 31	23 10	23 7	21 27	17 2	6 4
S 22	20 26	0 22	5 10	10 32	3 0	24 14	1 1	20 2	1 40	12 1	1 2	21 29	1 26	14 46	0 31	20 25	1 32	13 25	11 30	23 10	23 7	21 26	17 1	6 4
M23	20 37	4n55	4 52	10 56	3 0	24 16	1 3	19 53	1 39	12 6	1 2	21 29	1 26	14 47	0 31	20 25	1 32	13 25	11 30	23 10	23 7	21 25	17 0	6 4
T 24	20 48	9 54	4 19	11 21	3 0	24 18	1 6	19 43	1 39	12 10	1 2	21 30	1 26	14 48	0 31	20 25	1 32	13 25	11 30	23 10	23 7	21 24	17 0	6 5
W25	20 59	14 22	3 33	11 48	2 59	24 19	1 8	19 34	1 38	12 14	1 2	21 30	1 26	14 49	0 31	20 26	1 32	13 25	11 30	23 10	23 8	21 23	16 59	6 5
T 26	21 9	18 6	2 37	12 14	2 57	24 20	1 11	19 24	1 38	12 19	1 2	21 30	1 26	14 50	0 31	20 26	1 32	13 24	11 29	23 10	23 8	21 23	16 58	6 6
F 27	21 19	20 56	1 35	12 42	2 55	24 19	1 13	19 14	1 37	12 23	1 2	21 30	1 26	14 51	0 31	20 26	1 32	13 24	11 29	23 10	23 8	21 22	16 58	6 6
S 28	21 28	22 44	0 29	13 10	2 53	24 18	1 15	19 4	1 36	12 27	1 2	21 30	1 26	14 52	0 31	20 26	1 32	13 24	11 29	23 10	23 8	21 21	16 57	6 7
S 29	21 37	23 27	0n38	13 39	2 50	24 17	1 17	18 55	1 36	12 32	1 2	21 31	1 26	14 53	0 31	20 27	1 32	13 24	11 28	23 10	23 8	21 20	16 57	6 7
M30	21 46	23 3	1 42	14 8	2 46	24 14	1 20	18 44	1 35	12 36	1 2	21 31	1 26	14 54	0 31	20 27	1 32	13 24	11 28	23 10	23 8	21 19	16 56	6 7
T 31	21n54	21n38	2n41	14n37	2s42	24n11	1n22	18n34	1n35	12n40	1s 3	21s31	1n26	14n55	0s31	20n27	1s32	13n24	11n28	23n10	23n 8	21n18	16s55	6n 8

Julian Day Number = 3070751.5, Delta T = 02h36m23s
Ecliptic obliquity = 23°13'16, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'33, Lahiri = 47°37'33

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

JUNE 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 41 49	12♊ 3'03	16♌ 2	20♉13	11♋28	12♌32	7♉ 0	8°R25	12♉24	11♊38	22°R43	3♋38	4♋41	5♌28	23°R 5	W 1
T 2	16 45 45	13° 1'17	27°54	21°50	12°40	13° 7	7°14	8♉21	12°27	11°41	22♍43	3°40	4°38	5°35	23♐ 0	T 2
F 3	16 49 42	13°59'28	9♍52	23°29	13°52	13°42	7°27	8°17	12°30	11°43	22°D43	3°R41	4°35	5°42	22°56	F 3
S 4	16 53 39	14°57'38	22° 2	25° 9	15° 5	14°17	7°40	8°13	12°33	11°45	22°43	3°40	4°31	5°48	22°52	S 4
S 5	16 57 35	15°55'45	4♎28	26°52	16°17	14°52	7°53	8° 9	12°36	11°47	22°43	3°39	4°28	5°55	22°47	S 5
M 6	17 1 32	16°53'51	17°15	28°37	17°29	15°27	8° 6	8° 5	12°39	11°50	22°43	3°38	4°25	6° 2	22°43	M 6
T 7	17 5 28	17°51'55	0♏26	0♊24	18°41	16° 2	8°19	8° 1	12°42	11°52	22°44	3°36	4°22	6° 8	22°39	T 7
W 8	17 9 25	18°49'58	14° 1	2°12	19°53	16°37	8°31	7°57	12°45	11°54	22°44	3°34	4°19	6°15	22°34	W 8
T 9	17 13 21	19°47'58	28° 0	4° 3	21° 5	17°13	8°44	7°53	12°47	11°56	22°44	3°32	4°15	6°22	22°30	T 9
F 10	17 17 18	20°45'57	12♐21	5°55	22°17	17°48	8°57	7°49	12°50	11°59	22°44	3°31	4°12	6°28	22°26	F 10
S 11	17 21 14	21°43'55	26°58	7°50	23°29	18°23	9° 9	7°45	12°53	12° 1	22°44	3°D30	4° 9	6°35	22°21	S 11
S 12	17 25 11	22°41'51	11♑46	9°46	24°41	18°58	9°22	7°40	12°56	12° 3	22°45	3°30	4° 6	6°42	22°17	S 12
M13	17 29 8	23°39'46	26°37	11°45	25°53	19°34	9°34	7°36	12°59	12° 5	22°45	3°31	4° 3	6°48	22°12	M13
T 14	17 33 4	24°37'40	11♒23	13°45	27° 4	20° 9	9°47	7°32	13° 2	12° 8	22°45	3°32	4° 0	6°55	22° 8	T 14
W15	17 37 1	25°35'32	25°59	15°47	28°16	20°45	9°59	7°28	13° 4	12°10	22°46	3°32	3°56	7° 2	22° 4	W15
T 16	17 40 57	26°33'23	10♓20	17°51	29°28	21°20	10°11	7°23	13° 7	12°12	22°46	3°33	3°53	7° 8	21°59	T 16
F 17	17 44 54	27°31'13	24°24	19°56	0♌39	21°55	10°23	7°19	13°10	12°14	22°46	3°R33	3°50	7°15	21°55	F 17
S 18	17 48 50	28°29'02	8♈ 9	22° 3	1°50	22°31	10°35	7°15	13°12	12°16	22°47	3°33	3°47	7°22	21°51	S 18
S 19	17 52 47	29°26'51	21°35	24°12	3° 2	23° 7	10°47	7°10	13°15	12°19	22°47	3°33	3°44	7°28	21°46	S 19
M20	17 56 43	0♋24'38	4♉43	26°21	4°13	23°42	10°59	7° 6	13°18	12°21	22°48	3°32	3°41	7°35	21°42	M20
T 21	18 0 40	1°22'24	17°36	28°32	5°24	24°18	11°11	7° 1	13°20	12°23	22°48	3°32	3°37	7°42	21°38	T 21
W22	18 4 37	2°20'09	0♊14	0♋43	6°36	24°53	11°23	6°57	13°23	12°25	22°49	3°32	3°34	7°48	21°34	W22
T 23	18 8 33	3°17'53	12°39	2°55	7°47	25°29	11°34	6°52	13°25	12°27	22°49	3°D32	3°31	7°55	21°29	T 23
F 24	18 12 30	4°15'36	24°53	5° 7	8°58	26° 5	11°46	6°48	13°28	12°29	22°50	3°32	3°28	8° 2	21°25	F 24
S 25	18 16 26	5°13'18	6♋58	7°20	10° 9	26°40	11°57	6°43	13°30	12°31	22°51	3°R32	3°25	8° 8	21°21	S 25
S 26	18 20 23	6°10'59	18°55	9°32	11°20	27°16	12° 8	6°39	13°33	12°34	22°51	3°32	3°21	8°15	21°17	S 26
M27	18 24 19	7° 8'38	0♌48	11°43	12°31	27°52	12°20	6°34	13°35	12°36	22°52	3°31	3°18	8°22	21°13	M27
T 28	18 28 16	8° 6'17	12°37	13°54	13°41	28°28	12°31	6°30	13°37	12°38	22°53	3°31	3°15	8°28	21° 9	T 28
W29	18 32 13	9° 3'54	24°26	16° 3	14°52	29° 4	12°42	6°25	13°39	12°40	22°53	3°30	3°12	8°35	21° 5	W29
T 30	18 36 9	10♋ 1'30	6♍18	18♋12	16♌ 3	29♌39	12♉53	6♉21	13♉42	12♊42	22♍54	3♋29	3♋ 9	8♌42	21♐ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	19n17	3n33	15n 7	2s37	24n 8	1n24	18n24	1n34	12n44	1s 3	21s31	1n26	14n56	0s31	20n28	1s32	13n23	11n28	23n10	23n 8	21n17	16s55	6n 8
T 2	22 9	16 7	4 17	15 37	2 32	24 3	1 26	18 14	1 34	12 49	1 3	21 32	1 26	14 56	0 31	20 28	1 32	13 23	11 27	23 10	23 8	21 16	16 54	6 8
F 3	22 16	12 16	4 49	16 7	2 26	23 58	1 28	18 3	1 33	12 53	1 3	21 32	1 26	14 57	0 31	20 28	1 32	13 23	11 27	23 10	23 9	21 16	16 54	6 9
S 4	22 23	7 53	5 10	16 37	2 20	23 52	1 30	17 52	1 33	12 57	1 3	21 32	1 26	14 58	0 31	20 29	1 32	13 23	11 27	23 10	23 9	21 15	16 53	6 9
S 5	22 29	3 5	5 16	17 7	2 13	23 46	1 32	17 42	1 32	13 1	1 3	21 32	1 26	14 59	0 31	20 29	1 32	13 22	11 27	23 10	23 9	21 14	16 53	6 9
M 6	22 35	1s59	5 7	17 37	2 6	23 39	1 34	17 31	1 32	13 5	1 3	21 32	1 26	15 0	0 31	20 29	1 32	13 22	11 26	23 10	23 9	21 13	16 52	6 10
T 7	22 40	7 6	4 42	18 7	1 58	23 31	1 36	17 20	1 31	13 9	1 3	21 33	1 26	15 1	0 31	20 29	1 32	13 22	11 26	23 10	23 9	21 12	16 52	6 10
W 8	22 45	12 4	4 1	18 37	1 50	23 22	1 38	17 9	1 30	13 13	1 3	21 33	1 26	15 2	0 31	20 30	1 32	13 22	11 26	23 10	23 9	21 11	16 51	6 10
T 9	22 50	16 32	3 4	19 6	1 42	23 13	1 39	16 58	1 30	13 17	1 3	21 33	1 26	15 3	0 31	20 30	1 32	13 21	11 26	23 10	23 9	21 10	16 51	6 10
F 10	22 54	20 10	1 55	19 34	1 33	23 3	1 41	16 47	1 29	13 21	1 4	21 34	1 26	15 4	0 31	20 30	1 32	13 21	11 25	23 10	23 9	21 9	16 50	6 11
S 11	22 58	22 35	0 36	20 2	1 24	22 53	1 42	16 35	1 29	13 25	1 4	21 34	1 26	15 4	0 31	20 31	1 32	13 21	11 25	23 11	23 9	21 8	16 50	6 11
S 12	23 1	23 28	0s46	20 29	1 14	22 42	1 44	16 24	1 28	13 28	1 4	21 34	1 26	15 5	0 31	20 31	1 32	13 20	11 25	23 11	23 9	21 7	16 49	6 11
M13	23 4	22 41	2 5	20 55	1 5	22 30	1 45	16 12	1 28	13 32	1 4	21 34	1 26	15 6	0 31	20 31	1 32	13 20	11 25	23 10	23 10	21 6	16 49	6 11
T 14	23 7	20 20	3 15	21 20	0 55	22 18	1 47	16 1	1 27	13 36	1 4	21 35	1 26	15 7	0 31	20 31	1 32	13 19	11 24	23 10	23 10	21 5	16 49	6 12
W15	23 9	16 41	4 12	21 44	0 44	22 5	1 48	15 49	1 27	13 40	1 4	21 35	1 26	15 8	0 31	20 32	1 32	13 19	11 24	23 10	23 10	21 4	16 48	6 12
T 16	23 11	12 8	4 52	22 6	0 34	21 52	1 49	15 37	1 26	13 43	1 4	21 35	1 26	15 9	0 31	20 32	1 32	13 19	11 24	23 10	23 10	21 3	16 48	6 12
F 17	23 12	7 0	5 13	22 27	0 23	21 38	1 51	15 25	1 26	13 47	1 4	21 35	1 26	15 9	0 31	20 32	1 32	13 18	11 23	23 10	23 10	21 2	16 47	6 12
S 18	23 13	1 39	5 16	22 46	0 13	21 23	1 52	15 13	1 25	13 50	1 4	21 36	1 26	15 10	0 31	20 33	1 32	13 18	11 23	23 10	23 10	21 1	16 47	6 12
S 19	23 13	3n40	5 2	23 4	0 2	21 8	1 53	15 1	1 24	13 54	1 5	21 36	1 26	15 11	0 31	20 33	1 32	13 17	11 23	23 10	23 10	21 0	16 47	6 12
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T 21	23 13	13 16	3 48	23 32	0 19	20 36	1 55	14 37	1 23	14 1	1 5	21 37	1 26	15 12	0 31	20 33	1 32	13 17	11 22	23 10	23 10	20 58	16 46	6 12
W22	23 12	17 10	2 55	23 42	0 29	20 19	1 55	14 25	1 23	14 5	1 5	21 37	1 26	15 13	0 31	20 34	1 32	13 16	11 22	23 10	23 10	20 57	16 45	6 13
T 23	23 11	20 14	1 53	23 50	0 39	20 2	1 56	14 12	1 22	14 8	1 5	21 37	1 26	15 14	0 31	20 34	1 32	13 16	11 22	23 10	23 10	20 56	16 45	6 13
F 24	23 9	22 20	0 48	23 56	0 49	19 44	1 57	14 0	1 22	14 11	1 5	21 37	1 26	15 15	0 31	20 34	1 32	13 15	11 22	23 10	23 11	20 55	16 45	6 13
S 25	23 7	23 21	0n19	23 59	0 58	19 25	1 57	13 47	1 21	14 15	1 5	21 38	1 25	15 15	0 31	20 34	1 32	13 15	11 21	23 10	23 11	20 54	16 45	6 13
S 26	23 5	23 18	1 24	23 59	1 7	19 7	1 58	13 34	1 21	14 18	1 6	21 38	1 25	15 16	0 31	20 35	1 32	13 14	11 21	23 10	23 11	20 53	16 44	6 13
M27	23 2	22 10	2 26	23 57	1 15	18 47	1 58	13 22	1 20	14 21	1 6	21 38	1 25	15 17	0 31	20 35	1 32	13 14	11 21	23 10	23 11	20 52	16 44	6 13
T 28	22 59	20 4	3 20	23 52	1 22	18 27	1 58	13 9	1 20	14 24	1 6	21 39	1 25	15 17	0 31	20 35	1 32	13 13	11 21	23 10	23 11	20 51	16 44	6 13
W29	22 55	17 8	4 6	23 45	1 29	18 7	1 59	12 56	1 19	14 28	1 6	21 39	1 25	15 18	0 31	20 35	1 32	13 13	11 20	23 11	23 11	20 50	16 43	6 13
T 30	22n51	13n30	4n42	23n34	1n35	17n46	1n59	12n43	1n19	14n31	1s 6	21s39	1n25	15n19	0s31	20n36	1s32	13n12	11n20	23n11	23n11	20n49	16s43	6n13

Julian Day Number = 3070782.5, Delta T = 02h36m24s
Ecliptic obliquity = 23°13'16, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'37, Lahiri = 47°37'38

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

JULY 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 40 6	10♋59'04	18♍16	20♋18	17♌13	0♍15	13♉ 4	6°R16	13♉44	12♊44	22♍55	3°R29	3♋ 6	8♌48	20°R57	F 1
S 2	18 44 2	11°56'38	0♎25	22°24	18°24	0°51	13°14	6♏12	13°46	12°46	22°56	3♋28	3° 2	8°55	20♐53	S 2
S 3	18 47 59	12°54'10	12°50	24°27	19°34	1°27	13°25	6° 7	13°48	12°48	22°57	3°D28	2°59	9° 2	20°49	S 3
M 4	18 51 55	13°51'41	25°33	26°28	20°44	2° 3	13°36	6° 3	13°50	12°50	22°57	3°28	2°56	9° 8	20°45	M 4
T 5	18 55 52	14°49'11	8♏38	28°27	21°55	2°39	13°46	5°59	13°52	12°52	22°58	3°29	2°53	9°15	20°41	T 5
W 6	18 59 48	15°46'40	22° 9	0♌24	23° 5	3°15	13°56	5°54	13°54	12°54	22°59	3°30	2°50	9°22	20°38	W 6
T 7	19 3 45	16°44'07	6♐ 7	2°18	24°15	3°51	14° 7	5°50	13°56	12°56	23° 0	3°31	2°47	9°28	20°34	T 7
F 8	19 7 42	17°41'34	20°31	4°11	25°25	4°27	14°17	5°46	13°58	12°58	23° 1	3°32	2°43	9°35	20°30	F 8
S 9	19 11 38	18°39'00	5♑16	6° 0	26°35	5° 3	14°27	5°41	14° 0	13° 0	23° 2	3°R32	2°40	9°42	20°27	S 9
S 10	19 15 35	19°36'25	20°18	7°48	27°44	5°39	14°37	5°37	14° 2	13° 2	23° 3	3°31	2°37	9°48	20°23	S 10
M11	19 19 31	20°33'50	5♒27	9°33	28°54	6°15	14°46	5°33	14° 4	13° 4	23° 4	3°30	2°34	9°55	20°20	M11
T 12	19 23 28	21°31'13	20°34	11°15	0♍ 4	6°52	14°56	5°28	14° 6	13° 6	23° 5	3°28	2°31	10° 2	20°17	T 12
W13	19 27 24	22°28'36	5♓30	12°55	1°13	7°28	15° 6	5°24	14° 7	13° 7	23° 7	3°26	2°27	10° 9	20°13	W13
T 14	19 31 21	23°25'59	20° 8	14°33	2°22	8° 4	15°15	5°20	14° 9	13° 9	23° 8	3°23	2°24	10°15	20°10	T 14
F 15	19 35 17	24°23'21	4♈23	16° 8	3°32	8°40	15°24	5°16	14°11	13°11	23° 9	3°22	2°21	10°22	20° 7	F 15
S 16	19 39 14	25°20'43	18°13	17°40	4°41	9°16	15°33	5°12	14°12	13°13	23°10	3°21	2°18	10°29	20° 4	S 16
S 17	19 43 11	26°18'05	1♉37	19°10	5°50	9°53	15°42	5° 8	14°14	13°15	23°11	3°D21	2°15	10°35	20° 1	S 17
M18	19 47 7	27°15'27	14°38	20°37	6°59	10°29	15°51	5° 4	14°15	13°16	23°12	3°21	2°12	10°42	19°58	M18
T 19	19 51 4	28°12'48	27°20	22° 2	8° 7	11° 5	16° 0	5° 0	14°17	13°18	23°14	3°23	2° 8	10°49	19°55	T 19
W20	19 55 0	29°10'09	9♊44	23°24	9°16	11°42	16° 9	4°56	14°18	13°20	23°15	3°24	2° 5	10°55	19°53	W20
T 21	19 58 57	0♌ 7'30	21°56	24°43	10°25	12°18	16°17	4°52	14°20	13°21	23°16	3°26	2° 2	11° 2	19°50	T 21
F 22	20 2 53	1° 4'51	3♋58	26° 0	11°33	12°55	16°26	4°48	14°21	13°23	23°18	3°R26	1°59	11° 9	19°47	F 22
S 23	20 6 50	2° 2'12	15°53	27°14	12°42	13°31	16°34	4°45	14°22	13°25	23°19	3°26	1°56	11°15	19°45	S 23
S 24	20 10 47	2°59'32	27°44	28°25	13°50	14° 8	16°42	4°41	14°24	13°26	23°20	3°23	1°53	11°22	19°42	S 24
M25	20 14 43	3°56'52	9♌33	29°33	14°58	14°44	16°50	4°37	14°25	13°28	23°22	3°20	1°49	11°29	19°40	M25
T 26	20 18 40	4°54'12	21°22	0♍38	16° 6	15°21	16°58	4°34	14°26	13°30	23°23	3°15	1°46	11°35	19°38	T 26
W27	20 22 36	5°51'31	3♍14	1°40	17°14	15°57	17° 5	4°30	14°27	13°31	23°25	3° 9	1°43	11°42	19°35	W27
T 28	20 26 33	6°48'50	15° 9	2°40	18°22	16°34	17°13	4°27	14°28	13°33	23°26	3° 3	1°40	11°49	19°33	T 28
F 29	20 30 29	7°46'09	27°11	3°35	19°29	17°10	17°20	4°23	14°29	13°34	23°27	2°58	1°37	11°55	19°31	F 29
S 30	20 34 26	8°43'27	9♎23	4°28	20°37	17°47	17°28	4°20	14°30	13°36	23°29	2°53	1°33	12° 2	19°29	S 30
S 31	20 38 22	9♌40'45	21♎47	5♍17	21♍44	18♍24	17♉35	4♏17	14♉31	13♊37	23♍30	2♋50	1♋30	12♌ 9	19♐27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n46	9n18	5n 6	23n22	1n41	17n25	1n59	12n30	1n18	14n34	1s 6	21s39	1n25	15n19	0s31	20n36	1s32	13n12	11n20	23n11	23n11	20n48	16s43	6n13
S 2	22 41	4 41	5 17	23 7	1 46	17 4	1 59	12 17	1 17	14 37	1 6	21 40	1 25	15 20	0 31	20 36	1 32	13 11	11 20	23 11	23 11	20 47	16 43	6 13
S 3	22 36	0s13	5 13	22 50	1 50	16 42	1 59	12 4	1 17	14 40	1 7	21 40	1 25	15 21	0 31	20 36	1 32	13 10	11 19	23 11	23 11	20 46	16 43	6 13
M 4	22 30	5 13	4 54	22 31	1 53	16 19	1 58	11 50	1 16	14 43	1 7	21 40	1 25	15 21	0 31	20 37	1 32	13 10	11 19	23 11	23 11	20 45	16 42	6 13
T 5	22 24	10 9	4 19	22 10	1 56	15 56	1 58	11 37	1 16	14 46	1 7	21 41	1 25	15 22	0 31	20 37	1 32	13 9	11 19	23 11	23 11	20 44	16 42	6 12
W 6	22 18	14 46	3 30	21 47	1 57	15 33	1 58	11 24	1 15	14 49	1 7	21 41	1 25	15 22	0 31	20 37	1 32	13 9	11 19	23 11	23 11	20 42	16 42	6 12
T 7	22 11	18 44	2 26	21 23	1 58	15 10	1 57	11 10	1 15	14 51	1 7	21 41	1 24	15 23	0 31	20 37	1 32	13 8	11 18	23 10	23 12	20 41	16 42	6 12
F 8	22 4	21 42	1 12	20 57	1 58	14 46	1 56	10 57	1 14	14 54	1 7	21 42	1 24	15 23	0 31	20 37	1 32	13 8	11 18	23 10	23 12	20 40	16 42	6 12
S 9	21 56	23 17	0s10	20 30	1 58	14 21	1 56	10 43	1 14	14 57	1 7	21 42	1 24	15 24	0 31	20 38	1 32	13 7	11 18	23 10	23 12	20 39	16 42	6 12
S 10	21 48	23 13	1 31	20 1	1 56	13 57	1 55	10 29	1 13	15 0	1 8	21 42	1 24	15 24	0 31	20 38	1 32	13 6	11 18	23 10	23 12	20 38	16 42	6 12
M11	21 40	21 27	2 47	19 32	1 54	13 32	1 54	10 16	1 13	15 2	1 8	21 42	1 24	15 25	0 31	20 38	1 32	13 6	11 17	23 11	23 12	20 37	16 42	6 12
T 12	21 31	18 10	3 52	19 1	1 51	13 7	1 53	10 2	1 12	15 5	1 8	21 43	1 24	15 26	0 31	20 38	1 32	13 5	11 17	23 11	23 12	20 36	16 41	6 12
W13	21 22	13 44	4 39	18 30	1 48	12 41	1 52	9 48	1 12	15 8	1 8	21 43	1 24	15 26	0 31	20 38	1 32	13 4	11 17	23 11	23 12	20 35	16 41	6 11
T 14	21 13	8 35	5 7	17 58	1 43	12 15	1 51	9 34	1 11	15 10	1 8	21 43	1 24	15 26	0 31	20 39	1 32	13 4	11 17	23 11	23 12	20 33	16 41	6 11
F 15	21 3	3 6	5 15	17 25	1 38	11 49	1 49	9 20	1 11	15 13	1 9	21 44	1 24	15 27	0 31	20 39	1 32	13 3	11 17	23 11	23 12	20 32	16 41	6 11
S 16	20 52	2n22	5 5	16 52	1 33	11 23	1 48	9 6	1 10	15 15	1 9	21 44	1 23	15 27	0 31	20 39	1 32	13 2	11 16	23 11	23 12	20 31	16 41	6 11
S 17	20 42	7 34	4 38	16 19	1 27	10 56	1 46	8 52	1 10	15 18	1 9	21 44	1 23	15 28	0 31	20 39	1 32	13 2	11 16	23 11	23 12	20 30	16 41	6 11
M18	20 31	12 18	3 57	15 45	1 20	10 30	1 45	8 38	1 9	15 20	1 9	21 44	1 23	15 28	0 31	20 39	1 32	13 1	11 16	23 11	23 12	20 29	16 41	6 10
T 19	20 20	16 22	3 6	15 11	1 12	10 2	1 43	8 24	1 8	15 22	1 9	21 45	1 23	15 29	0 31	20 40	1 32	13 0	11 16	23 11	23 12	20 28	16 41	6 10
W20	20 8	19 37	2 7	14 37	1 4	9 35	1 41	8 10	1 8	15 25	1 9	21 45	1 23	15 29	0 31	20 40	1 33	13 0	11 16	23 11	23 12	20 27	16 41	6 10
T 21	19 56	21 56	1 3	14 2	0 56	9 8	1 39	7 55	1 7	15 27	1 10	21 45	1 23	15 29	0 31	20 40	1 33	12 59	11 15	23 11	23 12	20 25	16 41	6 10
F 22	19 44	23 13	0n 3	13 28	0 46	8 40	1 37	7 41	1 7	15 29	1 10	21 45	1 23	15 30	0 31	20 40	1 33	12 58	11 15	23 11	23 12	20 24	16 41	6 9
S 23	19 32	23 24	1 8	12 54	0 37	8 12	1 35	7 27	1 6	15 31	1 10	21 46	1 23	15 30	0 32	20 40	1 33	12 58	11 15	23 11	23 12	20 23	16 42	6 9
S 24	19 19	22 32	2 9	12 20	0 27	7 44	1 33	7 12	1 6	15 33	1 10	21 46	1 22	15 31	0 32	20 40	1 33	12 57	11 15	23 11	23 12	20 22	16 42	6 9
M25	19 5	20 40	3 5	11 47	0 16	7 16	1 30	6 58	1 5	15 35	1 10	21 46	1 22	15 31	0 32	20 41	1 33	12 56	11 15	23 11	23 13	20 21	16 42	6 9
T 26	18 52	17 55	3 53	11 13	0 5	6 47	1 28	6 43	1 5	15 37	1 11	21 47	1 22	15 31	0 32	20 41	1 33	12 56	11 14	23 11	23 13	20 19	16 42	6 8
W27	18 38	14 26	4 30	10 41	0s 7	6 19	1 25	6 29	1 4	15 39	1 11	21 47	1 22	15 32	0 32	20 41	1 33	12 55	11 14	23 11	23 13	20 18	16 42	6 8
T 28	18 24	10 21	4 56	10 8	0 19	5 50	1 23	6 14	1 4	15 41	1 11	21 47	1 22	15 32	0 32	20 41	1 33	12 54	11 14	23 11	23 13	20 17	16 42	6 8
F 29	18 10	5 51	5 10	9 37	0 31	5 21	1 20	6 0	1 3	15 43	1 11	21 47	1 22	15 32	0 32	20 41	1 33	12 53	11 14	23 11	23 13	20 16	16 42	6 8
S 30	17 55	1 4	5 9	9 6	0 44	4 52	1 17	5 45	1 3	15 45	1 11	21 48	1 21	15 32	0 32	20 41	1 33	12 53	11 14	23 11	23 13	20 15	16 42	6 7
S 31	17n40	3s51	4n54	8n36	0s57	4n23	1n14	5n30	1n 2	15n47	1s12	21s48	1n21	15n33	0s32	20n41	1s33	12n52	11n14	23n11	23n13	20n13	16s43	6n 7

Julian Day Number = 3070812.5, Delta T = 02h36m24s
Ecliptic obliquity = 23°13'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'41, Lahiri = 47°37'42

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

AUGUST 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 42 19	10♌38'02	4♏28	6♍ 3	22♍51	19♍ 0	17♉42	4°R14	14♉32	13♊39	23♍32	2°R49	1♋27	12♌15	19°R26	M 1
T 2	20 46 15	11°35'20	17°28	6°44	23°58	19°37	17°48	4♑11	14°33	13°40	23°33	2°D49	1°24	12°22	19♐24	T 2
W 3	20 50 12	12°32'37	0♐51	7°22	25° 5	20°14	17°55	4° 8	14°34	13°41	23°35	2♋50	1°21	12°29	19°22	W 3
T 4	20 54 9	13°29'53	14°40	7°56	26°12	20°50	18° 1	4° 5	14°34	13°43	23°37	2°51	1°18	12°35	19°21	T 4
F 5	20 58 5	14°27'10	28°56	8°26	27°18	21°27	18° 8	4° 2	14°35	13°44	23°38	2°R52	1°14	12°42	19°20	F 5
S 6	21 2 2	15°24'26	13♑36	8°52	28°25	22° 4	18°14	3°59	14°36	13°45	23°40	2°52	1°11	12°49	19°18	S 6
S 7	21 5 58	16°21'43	28°36	9°14	29°31	22°41	18°20	3°56	14°36	13°47	23°41	2°50	1° 8	12°55	19°17	S 7
M 8	21 9 55	17°18'59	13♒49	9°30	0♎37	23°18	18°26	3°54	14°37	13°48	23°43	2°45	1° 5	13° 2	19°16	M 8
T 9	21 13 51	18°16'16	29° 6	9°43	1°43	23°54	18°31	3°51	14°37	13°49	23°45	2°40	1° 2	13° 9	19°15	T 9
W10	21 17 48	19°13'32	14♓14	9°50	2°48	24°31	18°37	3°49	14°38	13°50	23°46	2°33	0°59	13°15	19°14	W10
T 11	21 21 45	20°10'49	29° 5	9°R53	3°54	25° 8	18°42	3°46	14°38	13°51	23°48	2°26	0°55	13°22	19°13	T 11
F 12	21 25 41	21° 8'06	13♈32	9°51	4°59	25°45	18°47	3°44	14°38	13°52	23°50	2°20	0°52	13°29	19°12	F 12
S 13	21 29 38	22° 5'24	27°30	9°44	6° 4	26°22	18°52	3°42	14°39	13°54	23°52	2°16	0°49	13°36	19°12	S 13
S 14	21 33 34	23° 2'43	10♉59	9°32	7° 9	26°59	18°57	3°39	14°39	13°55	23°53	2°13	0°46	13°42	19°11	S 14
M15	21 37 31	24° 0'02	24° 0	9°16	8°14	27°36	19° 2	3°37	14°39	13°56	23°55	2°D13	0°43	13°49	19°11	M15
T 16	21 41 27	24°57'22	6♊39	8°55	9°18	28°13	19° 6	3°35	14°39	13°57	23°57	2°13	0°39	13°56	19°11	T 16
W17	21 45 24	25°54'43	18°58	8°29	10°23	28°50	19°10	3°34	14°39	13°58	23°59	2°14	0°36	14° 2	19°10	W17
T 18	21 49 20	26°52'04	1♋ 3	8° 0	11°27	29°27	19°14	3°32	14°39	13°59	24° 0	2°R15	0°33	14° 9	19°10	T 18
F 19	21 53 17	27°49'26	12°58	7°26	12°31	0♎ 5	19°18	3°30	14°R40	13°59	24° 2	2°14	0°30	14°16	19°D10	F 19
S 20	21 57 14	28°46'49	24°49	6°50	13°34	0°42	19°22	3°28	14°39	14° 0	24° 4	2°11	0°27	14°22	19°10	S 20
S 21	22 1 10	29°44'12	6♌37	6°10	14°37	1°19	19°26	3°27	14°39	14° 1	24° 6	2° 6	0°24	14°29	19°10	S 21
M22	22 5 7	0♍41'36	18°26	5°29	15°41	1°56	19°29	3°25	14°39	14° 2	24° 8	1°59	0°20	14°36	19°11	M22
T 23	22 9 3	1°39'01	0♍18	4°46	16°43	2°33	19°32	3°24	14°39	14° 3	24° 9	1°49	0°17	14°42	19°11	T 23
W24	22 13 0	2°36'26	12°15	4° 2	17°46	3°11	19°35	3°23	14°39	14° 4	24°11	1°38	0°14	14°49	19°11	W24
T 25	22 16 56	3°33'51	24°18	3°18	18°48	3°48	19°38	3°22	14°39	14° 4	24°13	1°27	0°11	14°56	19°12	T 25
F 26	22 20 53	4°31'18	6♎29	2°35	19°51	4°25	19°41	3°21	14°38	14° 5	24°15	1°16	0° 8	15° 2	19°13	F 26
S 27	22 24 49	5°28'45	18°48	1°53	20°52	5° 3	19°43	3°20	14°38	14° 6	24°17	1° 7	0° 5	15° 9	19°13	S 27
S 28	22 28 46	6°26'12	1♏19	1°14	21°54	5°40	19°45	3°19	14°37	14° 6	24°19	0°59	0° 1	15°16	19°14	S 28
M29	22 32 42	7°23'40	14° 3	0°38	22°55	6°18	19°47	3°18	14°37	14° 7	24°21	0°55	29♊58	15°22	19°15	M29
T 30	22 36 39	8°21'09	27° 3	0° 5	23°56	6°55	19°49	3°17	14°36	14° 8	24°23	0°52	29°55	15°29	19°16	T 30
W31	22 40 36	9♍18'38	10♐22	29♌38	24♎57	7♎32	19♉51	3♑17	14♉36	14♊ 8	24♍25	0°D52	29♊52	15♌36	19♐17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n25	8s43	4n25	8n 7	1s10	3n54	1n11	5n16	1n 2	15n48	1s12	21s48	1n21	15n33	0s32	20n41	1s33	12n51	11n13	23n11	23n13	20n12	16s43	6n 7
T 2	17 9	13 20	3 42	7 39	1 24	3 25	1 8	5 1	1 1	15 50	1 12	21 48	1 21	15 33	0 32	20 42	1 33	12 50	11 13	23 11	23 13	20 11	16 43	6 6
W 3	16 53	17 27	2 45	7 12	1 38	2 56	1 5	4 46	1 1	15 52	1 12	21 49	1 21	15 33	0 32	20 42	1 33	12 50	11 13	23 11	23 13	20 10	16 43	6 6
T 4	16 37	20 44	1 37	6 47	1 52	2 26	1 1	4 31	1 0	15 53	1 12	21 49	1 21	15 33	0 32	20 42	1 33	12 49	11 13	23 11	23 13	20 8	16 43	6 6
F 5	16 21	22 52	0 21	6 22	2 6	1 57	0 58	4 16	1 0	15 55	1 13	21 49	1 20	15 34	0 32	20 42	1 33	12 48	11 13	23 11	23 13	20 7	16 44	6 5
S 6	16 4	23 30	0s58	6 0	2 21	1 27	0 54	4 1	0 59	15 56	1 13	21 49	1 20	15 34	0 32	20 42	1 33	12 47	11 13	23 11	23 13	20 6	16 44	6 5
S 7	15 47	22 27	2 15	5 38	2 35	0 58	0 51	3 47	0 58	15 58	1 13	21 50	1 20	15 34	0 32	20 42	1 33	12 47	11 13	23 11	23 13	20 4	16 44	6 5
M 8	15 30	19 46	3 23	5 19	2 49	0 29	0 47	3 32	0 58	15 59	1 13	21 50	1 20	15 34	0 32	20 42	1 33	12 46	11 12	23 12	23 13	20 3	16 44	6 4
T 9	15 13	15 42	4 17	5 1	3 4	0s 1	0 43	3 17	0 57	16 0	1 13	21 50	1 20	15 34	0 32	20 42	1 33	12 45	11 12	23 12	23 13	20 2	16 45	6 4
W10	14 55	10 39	4 53	4 45	3 18	0 30	0 39	3 2	0 57	16 2	1 14	21 50	1 20	15 34	0 32	20 42	1 33	12 44	11 12	23 12	23 13	20 1	16 45	6 3
T 11	14 37	5 4	5 7	4 32	3 31	1 0	0 35	2 47	0 56	16 3	1 14	21 51	1 19	15 34	0 32	20 43	1 33	12 44	11 12	23 12	23 13	19 59	16 45	6 3
F 12	14 19	0n38	5 2	4 20	3 45	1 29	0 31	2 32	0 56	16 4	1 14	21 51	1 19	15 35	0 32	20 43	1 33	12 43	11 12	23 12	23 13	19 58	16 46	6 3
S 13	14 1	6 8	4 39	4 11	3 57	1 59	0 27	2 17	0 55	16 5	1 14	21 51	1 19	15 35	0 32	20 43	1 33	12 42	11 12	23 12	23 13	19 57	16 46	6 2
S 14	13 43	11 10	4 1	4 4	4 9	2 28	0 22	2 2	0 55	16 6	1 14	21 51	1 19	15 35	0 32	20 43	1 34	12 41	11 12	23 12	23 13	19 55	16 46	6 2
M15	13 24	15 31	3 11	3 59	4 21	2 58	0 18	1 47	0 54	16 7	1 15	21 52	1 19	15 35	0 32	20 43	1 34	12 40	11 12	23 12	23 13	19 54	16 47	6 1
T 16	13 5	19 2	2 13	3 58	4 31	3 27	0 13	1 31	0 54	16 8	1 15	21 52	1 19	15 35	0 32	20 43	1 34	12 40	11 12	23 12	23 13	19 53	16 47	6 1
W17	12 46	21 35	1 11	3 58	4 40	3 56	0 9	1 16	0 53	16 9	1 15	21 52	1 18	15 35	0 32	20 43	1 34	12 39	11 12	23 12	23 13	19 51	16 48	6 1
T 18	12 27	23 7	0 6	4 1	4 49	4 26	0 4	1 1	0 53	16 10	1 15	21 52	1 18	15 35	0 32	20 43	1 34	12 38	11 11	23 12	23 13	19 50	16 48	6 0
F 19	12 7	23 33	0n57	4 7	4 55	4 55	0s 1	0 46	0 52	16 11	1 16	21 53	1 18	15 35	0 32	20 43	1 34	12 37	11 11	23 12	23 13	19 49	16 48	6 0
S 20	11 48	22 54	1 58	4 16	5 1	5 24	0 6	0 31	0 52	16 12	1 16	21 53	1 18	15 35	0 32	20 43	1 34	12 37	11 11	23 12	23 13	19 47	16 49	5 59
S 21	11 28	21 15	2 53	4 26	5 4	5 53	0 11	0 16	0 51	16 12	1 16	21 53	1 18	15 35	0 32	20 43	1 34	12 36	11 11	23 12	23 13	19 46	16 49	5 59
M22	11 8	18 40	3 41	4 39	5 7	6 22	0 16	0 1	0 51	16 13	1 16	21 53	1 17	15 35	0 32	20 43	1 34	12 35	11 11	23 12	23 13	19 45	16 50	5 59
T 23	10 47	15 19	4 19	4 54	5 7	6 50	0 21	0s14	0 50	16 14	1 16	21 53	1 17	15 34	0 32	20 43	1 34	12 34	11 11	23 13	23 13	19 43	16 50	5 58
W24	10 27	11 19	4 46	5 11	5 6	7 19	0 26	0 30	0 50	16 14	1 17	21 54	1 17	15 34	0 32	20 43	1 34	12 33	11 11	23 13	23 13	19 42	16 50	5 58
T 25	10 7	6 51	5 1	5 30	5 2	7 48	0 32	0 45	0 49	16 15	1 17	21 54	1 17	15 34	0 32	20 43	1 34	12 33	11 11	23 13	23 13	19 41	16 51	5 57
F 26	9 46	2 5	5 2	5 49	4 57	8 16	0 37	1 0	0 49	16 15	1 17	21 54	1 17	15 34	0 32	20 43	1 34	12 32	11 11	23 13	23 13	19 39	16 51	5 57
S 27	9 25	2s50	4 49	6 10	4 51	8 44	0 43	1 15	0 48	16 16	1 17	21 54	1 17	15 34	0 32	20 43	1 34	12 31	11 11	23 13	23 13	19 38	16 52	5 57
S 28	9 4	7 43	4 22	6 32	4 42	9 12	0 48	1 30	0 47	16 16	1 18	21 55	1 16	15 34	0 32	20 44	1 34	12 30	11 11	23 13	23 13	19 37	16 52	5 56
M29	8 43	12 22	3 42	6 54	4 32	9 40	0 54	1 45	0 47	16 16	1 18	21 55	1 16	15 34	0 32	20 44	1 34	12 30	11 11	23 13	23 13	19 35	16 53	5 56
T 30	8 22	16 34	2 50	7 16	4 21	10 8	1 0	2 1	0 46	16 17	1 18	21 55	1 16	15 34	0 32	20 44	1 34	12 29	11 11	23 13	23 13	19 34	16 53	5 55
W31	8n 0	20s 2	1n47	7n37	4s 8	10s35	1s 5	2s16	0n46	16n17	1s18	21s55	1n16	15n33	0s32	20n44	1s34	12n28	11n11	23n13	23n13	19n32	16s54	5n55

Julian Day Number = 3070843.5, Delta T = 02h36m25s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'46, Lahiri = 47°37'46

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

SEPTEMBER 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 44 32	10♍16'08	24♐ 2	29°R15	25♎57	8♎10	19♉52	3°R16	14°R35	14♊ 9	24♍26	0°R52	29♊49	15♌42	19♐18	T 1
F 2	22 48 29	11°13'38	8♑ 5	28♌58	26°57	8°48	19°54	3♑16	14♉34	14° 9	24°28	0♋52	29°45	15°49	19°20	F 2
S 3	22 52 25	12°11'09	22°32	28°47	27°56	9°25	19°55	3°16	14°34	14° 9	24°30	0°50	29°42	15°56	19°21	S 3
S 4	22 56 22	13° 8'41	7♒19	28°D42	28°56	10° 3	19°55	3°15	14°33	14°10	24°32	0°47	29°39	16° 3	19°23	S 4
M 5	23 0 18	14° 6'13	22°21	28°44	29°54	10°40	19°56	3°D15	14°32	14°10	24°34	0°40	29°36	16° 9	19°24	M 5
T 6	23 4 15	15° 3'46	7♓30	28°53	0♏53	11°18	19°57	3°15	14°31	14°11	24°36	0°31	29°33	16°16	19°26	T 6
W 7	23 8 11	16° 1'20	22°35	29° 8	1°51	11°56	19°57	3°15	14°30	14°11	24°38	0°21	29°30	16°23	19°28	W 7
T 8	23 12 8	16°58'55	7♈28	29°31	2°48	12°33	19°R57	3°16	14°30	14°11	24°40	0°11	29°26	16°29	19°30	T 8
F 9	23 16 5	17°56'32	21°58	0♍ 1	3°46	13°11	19°57	3°16	14°29	14°11	24°42	0° 1	29°23	16°36	19°32	F 9
S 10	23 20 1	18°54'09	6♉ 1	0°38	4°42	13°49	19°56	3°16	14°28	14°12	24°44	29♊53	29°20	16°43	19°34	S 10
S 11	23 23 58	19°51'48	19°35	1°22	5°39	14°27	19°56	3°17	14°26	14°12	24°46	29°48	29°17	16°49	19°36	S 11
M12	23 27 54	20°49'29	2♊41	2°13	6°34	15° 4	19°55	3°17	14°25	14°12	24°48	29°45	29°14	16°56	19°38	M12
T 13	23 31 51	21°47'11	15°21	3°10	7°30	15°42	19°54	3°18	14°24	14°12	24°50	29°44	29°10	17° 3	19°41	T 13
W14	23 35 47	22°44'54	27°41	4°14	8°25	16°20	19°53	3°19	14°23	14°12	24°52	29°44	29° 7	17° 9	19°43	W14
T 15	23 39 44	23°42'39	9♋45	5°24	9°19	16°58	19°52	3°20	14°22	14°12	24°54	29°44	29° 4	17°16	19°46	T 15
F 16	23 43 40	24°40'25	21°39	6°41	10°13	17°36	19°50	3°21	14°20	14°R12	24°56	29°42	29° 1	17°23	19°49	F 16
S 17	23 47 37	25°38'13	3♌28	8° 2	11° 6	18°14	19°49	3°22	14°19	14°12	24°58	29°39	28°58	17°29	19°51	S 17
S 18	23 51 34	26°36'03	15°17	9°29	11°59	18°52	19°47	3°23	14°18	14°12	25° 0	29°32	28°55	17°36	19°54	S 18
M19	23 55 30	27°33'53	27° 8	11° 1	12°51	19°30	19°45	3°24	14°16	14°12	25° 2	29°23	28°51	17°43	19°57	M19
T 20	23 59 27	28°31'46	9♍ 6	12°38	13°42	20° 8	19°42	3°26	14°15	14°12	25° 4	29°12	28°48	17°50	20° 0	T 20
W21	0 3 23	29°29'39	21°11	14°18	14°33	20°46	19°40	3°27	14°13	14°12	25° 6	28°58	28°45	17°56	20° 3	W21
T 22	0 7 20	0♎27'34	3♎25	16° 2	15°23	21°24	19°37	3°29	14°12	14°12	25° 8	28°45	28°42	18° 3	20° 6	T 22
F 23	0 11 16	1°25'31	15°49	17°49	16°13	22° 3	19°34	3°30	14°10	14°11	25°10	28°31	28°39	18°10	20°10	F 23
S 24	0 15 13	2°23'29	28°23	19°38	17° 2	22°41	19°31	3°32	14° 9	14°11	25°12	28°20	28°36	18°16	20°13	S 24
S 25	0 19 9	3°21'28	11♏ 8	21°30	17°50	23°19	19°28	3°34	14° 7	14°11	25°14	28°11	28°32	18°23	20°16	S 25
M26	0 23 6	4°19'28	24° 5	23°23	18°37	23°57	19°24	3°36	14° 5	14°11	25°16	28° 5	28°29	18°30	20°20	M26
T 27	0 27 2	5°17'30	7♐13	25°18	19°24	24°36	19°21	3°38	14° 4	14°10	25°18	28° 1	28°26	18°36	20°24	T 27
W28	0 30 59	6°15'33	20°36	27°14	20° 9	25°14	19°17	3°40	14° 2	14°10	25°20	28° 0	28°23	18°43	20°27	W28
T 29	0 34 56	7°13'38	4♑14	29°10	20°54	25°52	19°13	3°42	14° 0	14° 9	25°22	28° 0	28°20	18°50	20°31	T 29
F 30	0 38 52	8♎11'44	18♑ 9	1♎ 7	21♏38	26♎31	19♉ 9	3♑45	13♉58	14♊ 9	25♍24	28♊ 0	28♊16	18♌56	20♐35	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n39	22s29	0n36	7n58	3s54	11s 3	1s11	2s31	0n45	16n17	1s19	21s55	1n16	15n33	0s32	20n44	1s34	12n27	11n11	23n13	23n13	19n31	16s54	5n54
F 2	7 17	23 37	0s38	8 18	3 39	11 30	1 17	2 46	0 45	16 17	1 19	21 56	1 15	15 33	0 32	20 44	1 34	12 26	11 11	23 13	23 13	19 30	16 55	5 54
S 3	6 56	23 12	1 52	8 37	3 23	11 57	1 23	3 1	0 44	16 17	1 19	21 56	1 15	15 33	0 32	20 44	1 35	12 26	11 11	23 13	23 13	19 28	16 55	5 54
S 4	6 34	21 11	3 0	8 54	3 7	12 23	1 30	3 16	0 44	16 17	1 19	21 56	1 15	15 33	0 32	20 44	1 35	12 25	11 11	23 13	23 13	19 27	16 56	5 53
M 5	6 12	17 41	3 57	9 9	2 50	12 50	1 36	3 31	0 43	16 17	1 19	21 56	1 15	15 32	0 32	20 44	1 35	12 24	11 11	23 13	23 13	19 25	16 56	5 53
T 6	5 50	12 59	4 38	9 23	2 32	13 16	1 42	3 46	0 43	16 17	1 20	21 56	1 15	15 32	0 32	20 44	1 35	12 23	11 11	23 13	23 13	19 24	16 57	5 52
W 7	5 28	7 30	4 59	9 34	2 15	13 42	1 48	4 2	0 42	16 17	1 20	21 57	1 14	15 32	0 32	20 44	1 35	12 23	11 11	23 13	23 13	19 22	16 58	5 52
T 8	5 6	1 39	4 59	9 42	1 57	14 8	1 55	4 17	0 42	16 17	1 20	21 57	1 14	15 31	0 32	20 44	1 35	12 22	11 11	23 13	23 13	19 21	16 58	5 51
F 9	4 43	4n 9	4 40	9 48	1 40	14 33	2 1	4 32	0 41	16 17	1 20	21 57	1 14	15 31	0 32	20 43	1 35	12 21	11 11	23 13	23 13	19 19	16 59	5 51
S 10	4 21	9 34	4 4	9 52	1 22	14 59	2 8	4 47	0 41	16 16	1 21	21 57	1 14	15 31	0 32	20 43	1 35	12 20	11 11	23 13	23 13	19 18	16 59	5 51
S 11	3 59	14 20	3 16	9 52	1 5	15 24	2 14	5 2	0 40	16 16	1 21	21 57	1 14	15 31	0 32	20 43	1 35	12 20	11 11	23 13	23 13	19 17	17 0	5 50
M12	3 36	18 15	2 18	9 50	0 49	15 48	2 21	5 17	0 40	16 15	1 21	21 57	1 13	15 30	0 32	20 43	1 35	12 19	11 11	23 13	23 13	19 15	17 0	5 50
T 13	3 14	21 10	1 15	9 45	0 33	16 13	2 27	5 32	0 39	16 15	1 21	21 58	1 13	15 30	0 32	20 43	1 35	12 18	11 11	23 13	23 13	19 14	17 1	5 49
W14	2 51	23 1	0 11	9 36	0 17	16 37	2 34	5 46	0 38	16 15	1 21	21 58	1 13	15 29	0 33	20 43	1 35	12 17	11 11	23 13	23 13	19 12	17 2	5 49
T 15	2 29	23 45	0n53	9 24	0 2	17 0	2 41	6 1	0 38	16 14	1 22	21 58	1 13	15 29	0 33	20 43	1 35	12 17	11 11	23 13	23 13	19 11	17 2	5 49
F 16	2 6	23 22	1 53	9 10	0n11	17 24	2 47	6 16	0 37	16 13	1 22	21 58	1 13	15 29	0 33	20 43	1 35	12 16	11 11	23 13	23 13	19 9	17 3	5 48
S 17	1 43	21 56	2 48	8 52	0 25	17 47	2 54	6 31	0 37	16 13	1 22	21 58	1 12	15 28	0 33	20 43	1 35	12 15	11 11	23 13	23 13	19 8	17 3	5 48
S 18	1 20	19 33	3 36	8 31	0 37	18 10	3 1	6 46	0 36	16 12	1 22	21 58	1 12	15 28	0 33	20 43	1 35	12 15	11 11	23 13	23 13	19 6	17 4	5 47
M19	0 58	16 20	4 14	8 7	0 48	18 32	3 8	7 1	0 36	16 11	1 22	21 59	1 12	15 27	0 33	20 43	1 35	12 14	11 11	23 13	23 13	19 5	17 5	5 47
T 20	0 35	12 27	4 42	7 40	0 58	18 55	3 15	7 15	0 35	16 10	1 23	21 59	1 12	15 27	0 33	20 43	1 35	12 13	11 11	23 13	23 13	19 3	17 5	5 47
W21	0 12	8 1	4 57	7 10	1 8	19 16	3 22	7 30	0 35	16 10	1 23	21 59	1 12	15 27	0 33	20 43	1 35	12 12	11 12	23 13	23 13	19 2	17 6	5 46
T 22	0s11	3 14	4 59	6 38	1 16	19 38	3 29	7 45	0 34	16 9	1 23	21 59	1 12	15 26	0 33	20 43	1 35	12 12	11 12	23 13	23 13	19 0	17 7	5 46
F 23	0 34	1s45	4 46	6 3	1 23	19 59	3 36	7 59	0 34	16 8	1 23	21 59	1 11	15 26	0 33	20 43	1 36	12 11	11 12	23 13	23 13	18 59	17 7	5 45
S 24	0 57	6 45	4 20	5 26	1 29	20 20	3 43	8 14	0 33	16 7	1 23	21 59	1 11	15 25	0 33	20 43	1 36	12 10	11 12	23 13	23 13	18 57	17 8	5 45
S 25	1 19	11 32	3 40	4 48	1 35	20 40	3 50	8 28	0 33	16 6	1 24	21 59	1 11	15 25	0 33	20 43	1 36	12 10	11 12	23 13	23 13	18 56	17 8	5 45
M26	1 42	15 53	2 49	4 7	1 39	21 0	3 57	8 43	0 32	16 5	1 24	22 0	1 11	15 24	0 33	20 43	1 36	12 9	11 12	23 12	23 13	18 54	17 9	5 44
T 27	2 5	19 33	1 48	3 25	1 42	21 20	4 4	8 57	0 32	16 3	1 24	22 0	1 11	15 24	0 33	20 42	1 36	12 8	11 12	23 12	23 13	18 52	17 10	5 44
W28	2 28	22 15	0 39	2 42	1 45	21 39	4 11	9 12	0 31	16 2	1 24	22 0	1 10	15 23	0 33	20 42	1 36	12 8	11 12	23 12	23 13	18 51	17 10	5 43
T 29	2 51	23 42	0s33	1 57	1 46	21 58	4 18	9 26	0 30	16 1	1 24	22 0	1 10	15 23	0 33	20 42	1 36	12 7	11 12	23 12	23 13	18 49	17 11	5 43
F 30	3s13	23s44	1s45	1n12	1n47	22s16	4s25	9s40	0n30	16n 0	1s25	22s 0	1n10	15n22	0s33	20n42	1s36	12n 6	11n13	23n12	23n13	18n48	17s12	5n43

Julian Day Number = 3070874.5, Delta T = 02h36m26s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'50, Lahiri = 47°37'51

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

OCTOBER 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 42 49	9♎ 9'50	2♒22	3♎ 4	22♏21	27♎ 9	19°R 4	3♑47	13°R57	14°R 8	25♍25	27°R58	28♊13	19♌ 3	20♐39	S 1
S 2	0 46 45	10° 7'59	16°51	5° 0	23° 3	27°48	19♉ 0	3°50	13♉55	14♊ 8	25°27	27♊54	28°10	19°10	20°43	S 2
M 3	0 50 42	11° 6'08	1♓32	6°57	23°44	28°26	18°55	3°52	13°53	14° 7	25°29	27°48	28° 7	19°16	20°47	M 3
T 4	0 54 38	12° 4'19	16°21	8°52	24°24	29° 5	18°50	3°55	13°51	14° 7	25°31	27°39	28° 4	19°23	20°51	T 4
W 5	0 58 35	13° 2'31	1♈ 8	10°47	25° 3	29°43	18°45	3°58	13°49	14° 6	25°33	27°29	28° 1	19°30	20°56	W 5
T 6	1 2 31	14° 0'45	15°47	12°42	25°40	0♏22	18°40	4° 1	13°47	14° 6	25°35	27°18	27°57	19°37	21° 0	T 6
F 7	1 6 28	14°59'01	0♉ 8	14°35	26°17	1° 0	18°34	4° 4	13°45	14° 5	25°37	27° 8	27°54	19°43	21° 4	F 7
S 8	1 10 25	15°57'18	14° 7	16°28	26°52	1°39	18°29	4° 7	13°43	14° 4	25°39	26°59	27°51	19°50	21° 9	S 8
S 9	1 14 21	16°55'37	27°40	18°19	27°26	2°18	18°23	4°10	13°41	14° 4	25°41	26°54	27°48	19°57	21°13	S 9
M10	1 18 18	17°53'59	10♊46	20°10	27°58	2°57	18°17	4°13	13°39	14° 3	25°43	26°50	27°45	20° 3	21°18	M10
T 11	1 22 14	18°52'22	23°29	21°59	28°30	3°35	18°11	4°16	13°37	14° 2	25°44	26°D49	27°42	20°10	21°23	T 11
W12	1 26 11	19°50'47	5♋51	23°48	28°59	4°14	18° 5	4°20	13°34	14° 1	25°46	26°50	27°38	20°17	21°28	W12
T 13	1 30 7	20°49'15	17°57	25°35	29°28	4°53	17°59	4°23	13°32	14° 0	25°48	26°R50	27°35	20°23	21°32	T 13
F 14	1 34 4	21°47'44	29°53	27°22	29°54	5°32	17°52	4°27	13°30	14° 0	25°50	26°50	27°32	20°30	21°37	F 14
S 15	1 38 0	22°46'15	11♌43	29° 7	0♐20	6°11	17°46	4°30	13°28	13°59	25°52	26°48	27°29	20°37	21°42	S 15
S 16	1 41 57	23°44'49	23°34	0♏52	0°43	6°50	17°39	4°34	13°26	13°58	25°54	26°44	27°26	20°43	21°47	S 16
M17	1 45 54	24°43'24	5♍28	2°35	1° 5	7°29	17°32	4°38	13°23	13°57	25°55	26°37	27°22	20°50	21°53	M17
T 18	1 49 50	25°42'02	17°31	4°17	1°25	8° 8	17°26	4°42	13°21	13°56	25°57	26°28	27°19	20°57	21°58	T 18
W19	1 53 47	26°40'41	29°45	5°59	1°43	8°47	17°19	4°46	13°19	13°55	25°59	26°18	27°16	21° 4	22° 3	W19
T 20	1 57 43	27°39'22	12♎11	7°39	1°59	9°26	17°11	4°50	13°17	13°54	26° 1	26° 7	27°13	21°10	22° 8	T 20
F 21	2 1 40	28°38'06	24°50	9°18	2°14	10° 5	17° 4	4°54	13°14	13°53	26° 2	25°56	27°10	21°17	22°14	F 21
S 22	2 5 36	29°36'51	7♏43	10°57	2°26	10°44	16°57	4°58	13°12	13°52	26° 4	25°47	27° 7	21°24	22°19	S 22
S 23	2 9 33	0♏35'38	20°48	12°34	2°36	11°24	16°49	5° 2	13°10	13°50	26° 6	25°40	27° 3	21°30	22°25	S 23
M24	2 13 29	1°34'27	4♐ 5	14°11	2°44	12° 3	16°42	5° 7	13° 7	13°49	26° 7	25°36	27° 0	21°37	22°30	M24
T 25	2 17 26	2°33'18	17°32	15°47	2°50	12°42	16°34	5°11	13° 5	13°48	26° 9	25°34	26°57	21°44	22°36	T 25
W26	2 21 22	3°32'10	1♑10	17°22	2°53	13°22	16°27	5°16	13° 2	13°47	26°11	25°D33	26°54	21°50	22°42	W26
T 27	2 25 19	4°31'04	14°58	18°56	2°R55	14° 1	16°19	5°20	13° 0	13°46	26°12	25°34	26°51	21°57	22°48	T 27
F 28	2 29 16	5°30'00	28°55	20°29	2°54	14°40	16°11	5°25	12°58	13°45	26°14	25°R35	26°47	22° 4	22°53	F 28
S 29	2 33 12	6°28'57	13♒ 2	22° 1	2°50	15°20	16° 3	5°30	12°55	13°43	26°16	25°35	26°44	22°11	22°59	S 29
S 30	2 37 9	7°27'56	27°17	23°33	2°44	15°59	15°55	5°34	12°53	13°42	26°17	25°33	26°41	22°17	23° 5	S 30
M31	2 41 5	8♏26'57	11♓37	25♏ 3	2♐36	16♏39	15♉47	5♑39	12♉50	13♊41	26♍19	25♊30	26♊38	22♌24	23♐11	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s36	22s14	2s51	0n26	1n47	22s34	4s32	9s54	0n29	15n58	1s25	22s 0	1n10	15n22	0s33	20n42	1s36	12n 6	11n13	23n12	23n13	18n46	17s12	5n42
S 2	3 59	19 16	3 48	0s21	1 46	22 52	4 39	10 9	0 29	15 57	1 25	22 0	1 10	15 21	0 33	20 42	1 36	12 5	11 13	23 12	23 13	18 45	17 13	5 42
M 3	4 21	15 3	4 31	1 8	1 44	23 9	4 46	10 23	0 28	15 55	1 25	22 0	1 10	15 20	0 33	20 42	1 36	12 5	11 13	23 12	23 12	18 43	17 13	5 42
T 4	4 44	9 53	4 56	1 55	1 42	23 26	4 53	10 37	0 28	15 54	1 25	22 1	1 9	15 20	0 33	20 42	1 36	12 4	11 13	23 12	23 12	18 42	17 14	5 41
W 5	5 6	4 9	5 1	2 42	1 40	23 42	5 0	10 51	0 27	15 52	1 25	22 1	1 9	15 19	0 33	20 42	1 36	12 3	11 13	23 12	23 12	18 40	17 15	5 41
T 6	5 29	1n45	4 46	3 29	1 37	23 58	5 6	11 5	0 27	15 51	1 25	22 1	1 9	15 19	0 33	20 41	1 36	12 3	11 14	23 12	23 12	18 38	17 15	5 41
F 7	5 51	7 27	4 13	4 16	1 33	24 13	5 13	11 19	0 26	15 49	1 26	22 1	1 9	15 18	0 33	20 41	1 36	12 2	11 14	23 11	23 12	18 37	17 16	5 40
S 8	6 13	12 39	3 26	5 3	1 29	24 28	5 20	11 32	0 26	15 48	1 26	22 1	1 9	15 17	0 33	20 41	1 36	12 2	11 14	23 11	23 12	18 35	17 17	5 40
S 9	6 36	17 3	2 28	5 49	1 24	24 42	5 26	11 46	0 25	15 46	1 26	22 1	1 8	15 17	0 33	20 41	1 36	12 1	11 14	23 11	23 12	18 34	17 17	5 40
M10	6 58	20 28	1 24	6 35	1 19	24 56	5 33	12 0	0 25	15 44	1 26	22 1	1 8	15 16	0 33	20 41	1 36	12 0	11 14	23 11	23 12	18 32	17 18	5 39
T 11	7 20	22 46	0 18	7 20	1 14	25 9	5 39	12 13	0 24	15 43	1 26	22 1	1 8	15 16	0 33	20 41	1 36	12 0	11 14	23 11	23 12	18 30	17 18	5 39
W12	7 42	23 54	0n48	8 5	1 9	25 22	5 46	12 27	0 23	15 41	1 26	22 1	1 8	15 15	0 33	20 41	1 36	11 59	11 15	23 11	23 12	18 29	17 19	5 39
T 13	8 3	23 51	1 50	8 50	1 3	25 34	5 52	12 40	0 23	15 39	1 26	22 1	1 8	15 14	0 33	20 41	1 36	11 59	11 15	23 11	23 12	18 27	17 20	5 38
F 14	8 25	22 42	2 47	9 33	0 57	25 46	5 58	12 54	0 22	15 37	1 26	22 1	1 8	15 14	0 33	20 40	1 37	11 58	11 15	23 11	23 12	18 25	17 20	5 38
S 15	8 47	20 34	3 35	10 16	0 51	25 57	6 4	13 7	0 22	15 35	1 27	22 1	1 7	15 13	0 33	20 40	1 37	11 58	11 15	23 11	23 12	18 24	17 21	5 38
S 16	9 8	17 33	4 15	10 59	0 44	26 8	6 9	13 20	0 21	15 33	1 27	22 1	1 7	15 12	0 33	20 40	1 37	11 57	11 15	23 11	23 12	18 22	17 21	5 37
M17	9 29	13 49	4 44	11 40	0 38	26 18	6 15	13 33	0 21	15 31	1 27	22 1	1 7	15 12	0 33	20 40	1 37	11 57	11 16	23 11	23 12	18 20	17 22	5 37
T 18	9 51	9 30	5 0	12 21	0 31	26 28	6 20	13 46	0 20	15 29	1 27	22 1	1 7	15 11	0 33	20 40	1 37	11 56	11 16	23 10	23 12	18 19	17 23	5 37
W19	10 12	4 45	5 3	13 1	0 24	26 36	6 25	13 59	0 20	15 27	1 27	22 2	1 7	15 10	0 33	20 40	1 37	11 56	11 16	23 10	23 12	18 17	17 23	5 37
T 20	10 33	0s17	4 52	13 40	0 17	26 44	6 30	14 12	0 19	15 25	1 27	22 2	1 7	15 10	0 33	20 40	1 37	11 55	11 16	23 10	23 12	18 15	17 24	5 36
F 21	10 53	5 23	4 27	14 18	0 10	26 52	6 35	14 25	0 19	15 23	1 27	22 2	1 6	15 9	0 33	20 39	1 37	11 55	11 17	23 10	23 11	18 14	17 24	5 36
S 22	11 14	10 22	3 47	14 56	0 3	26 59	6 39	14 38	0 18	15 21	1 27	22 2	1 6	15 8	0 33	20 39	1 37	11 54	11 17	23 9	23 11	18 12	17 25	5 36
S 23	11 35	14 58	2 55	15 32	0s 4	27 5	6 43	14 50	0 17	15 19	1 27	22 2	1 6	15 7	0 33	20 39	1 37	11 54	11 17	23 9	23 11	18 10	17 25	5 35
M24	11 55	18 55	1 53	16 8	0 12	27 10	6 47	15 3	0 17	15 17	1 27	22 2	1 6	15 7	0 33	20 39	1 37	11 53	11 17	23 9	23 11	18 9	17 26	5 35
T 25	12 15	21 56	0 43	16 43	0 19	27 14	6 50	15 15	0 16	15 15	1 27	22 2	1 6	15 6	0 33	20 39	1 37	11 53	11 18	23 9	23 11	18 7	17 27	5 35
W26	12 35	23 43	0s30	17 17	0 26	27 18	6 53	15 27	0 16	15 12	1 27	22 2	1 6	15 5	0 33	20 39	1 37	11 53	11 18	23 9	23 11	18 5	17 27	5 35
T 27	12 55	24 5	1 43	17 50	0 33	27 21	6 56	15 39	0 15	15 10	1 27	22 2	1 5	15 5	0 33	20 38	1 37	11 52	11 18	23 9	23 11	18 4	17 28	5 34
F 28	13 14	22 57	2 50	18 21	0 40	27 23	6 58	15 52	0 15	15 8	1 27	22 1	1 5	15 4	0 33	20 38	1 37	11 52	11 18	23 9	23 11	18 2	17 28	5 34
S 29	13 34	20 23	3 47	18 52	0 48	27 23	6 59	16 4	0 14	15 6	1 27	22 1	1 5	15 3	0 33	20 38	1 37	11 51	11 19	23 9	23 11	18 0	17 29	5 34
S 30	13 53	16 34	4 32	19 22	0 55	27 23	7 1	16 15	0 14	15 3	1 27	22 1	1 5	15 3	0 33	20 38	1 37	11 51	11 19	23 9	23 11	17 59	17 29	5 34
M31	14s12	11s45	4s59	19s51	1s 2	27s22	7s 1	16s27	0n13	15n 1	1s27	22s 1	1n 5	15n 2	0s33	20n38	1s37	11n51	11n19	23n 9	23n11	17n57	17s30	5n34

Julian Day Number = 3070904.5, Delta T = 02h36m27s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'54, Lahiri = 47°37'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3695
geocentric

NOVEMBER 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 45 2	9♏25'59	26♓ 0	26♏33	2°R25	17♏18	15°R39	5♑44	12°R48	13°R39	26♍20	25°R24	26♊35	22♌31	23♐17	T 1
W 2	2 48 58	10°25'03	10♈21	28° 2	2♐12	17°58	15♉31	5°49	12♉46	13♊38	26°22	25♊17	26°32	22°37	23°23	W 2
T 3	2 52 55	11°24'08	24°34	29°30	1°57	18°38	15°23	5°54	12°43	13°37	26°23	25°10	26°28	22°44	23°29	T 3
F 4	2 56 51	12°23'16	8♉33	0♐58	1°39	19°17	15°15	5°59	12°41	13°35	26°25	25° 3	26°25	22°51	23°36	F 4
S 5	3 0 48	13°22'25	22°16	2°24	1°19	19°57	15° 7	6° 5	12°38	13°34	26°26	24°58	26°22	22°57	23°42	S 5
S 6	3 4 45	14°21'37	5♊38	3°50	0°56	20°37	14°59	6°10	12°36	13°33	26°28	24°54	26°19	23° 4	23°48	S 6
M 7	3 8 41	15°20'50	18°39	5°14	0°32	21°17	14°51	6°15	12°33	13°31	26°29	24°53	26°16	23°11	23°54	M 7
T 8	3 12 38	16°20'06	1♋19	6°38	0° 5	21°57	14°43	6°20	12°31	13°30	26°31	24°D53	26°13	23°18	24° 1	T 8
W 9	3 16 34	17°19'24	13°41	8° 1	29♏37	22°36	14°35	6°26	12°29	13°28	26°32	24°54	26° 9	23°24	24° 7	W 9
T 10	3 20 31	18°18'44	25°49	9°23	29° 6	23°16	14°27	6°31	12°26	13°27	26°33	24°56	26° 6	23°31	24°14	T 10
F 11	3 24 27	19°18'06	7♌46	10°44	28°35	23°56	14°19	6°37	12°24	13°25	26°35	24°57	26° 3	23°38	24°20	F 11
S 12	3 28 24	20°17'31	19°38	12° 4	28° 2	24°36	14°11	6°43	12°21	13°24	26°36	24°R58	26° 0	23°44	24°27	S 12
S 13	3 32 20	21°16'57	1♍30	13°22	27°27	25°16	14° 3	6°48	12°19	13°22	26°37	24°57	25°57	23°51	24°33	S 13
M14	3 36 17	22°16'26	13°26	14°40	26°52	25°57	13°55	6°54	12°17	13°21	26°39	24°55	25°53	23°58	24°40	M14
T 15	3 40 14	23°15'57	25°31	15°56	26°16	26°37	13°47	7° 0	12°14	13°19	26°40	24°52	25°50	24° 4	24°47	T 15
W16	3 44 10	24°15'30	7♎50	17°11	25°40	27°17	13°39	7° 6	12°12	13°18	26°41	24°47	25°47	24°11	24°53	W16
T 17	3 48 7	25°15'05	20°23	18°24	25° 3	27°57	13°31	7°11	12°10	13°16	26°42	24°42	25°44	24°18	25° 0	T 17
F 18	3 52 3	26°14'42	3♏15	19°36	24°27	28°37	13°24	7°17	12° 7	13°14	26°44	24°37	25°41	24°25	25° 7	F 18
S 19	3 56 0	27°14'22	16°24	20°46	23°50	29°18	13°16	7°23	12° 5	13°13	26°45	24°33	25°38	24°31	25°14	S 19
S 20	3 59 56	28°14'03	29°50	21°53	23°14	29°58	13° 8	7°29	12° 3	13°11	26°46	24°30	25°34	24°38	25°21	S 20
M21	4 3 53	29°13'46	13♐32	22°59	22°39	0♐38	13° 1	7°36	12° 0	13°10	26°47	24°28	25°31	24°45	25°27	M21
T 22	4 7 49	0♐13'31	27°26	24° 2	22° 5	1°19	12°53	7°42	11°58	13° 8	26°48	24°D28	25°28	24°51	25°34	T 22
W23	4 11 46	1°13'18	11♑29	25° 3	21°31	1°59	12°46	7°48	11°56	13° 6	26°49	24°28	25°25	24°58	25°41	W23
T 24	4 15 43	2°13'07	25°39	26° 1	21° 0	2°40	12°39	7°54	11°54	13° 5	26°50	24°30	25°22	25° 5	25°48	T 24
F 25	4 19 39	3°12'57	9♒51	26°55	20°29	3°20	12°32	8° 0	11°51	13° 3	26°51	24°31	25°19	25°11	25°55	F 25
S 26	4 23 36	4°12'49	24° 4	27°46	20° 1	4° 1	12°25	8° 7	11°49	13° 1	26°52	24°32	25°15	25°18	26° 2	S 26
S 27	4 27 32	5°12'42	8♓16	28°33	19°34	4°42	12°18	8°13	11°47	13° 0	26°53	24°R32	25°12	25°25	26° 9	S 27
M28	4 31 29	6°12'36	22°24	29°15	19°10	5°22	12°11	8°20	11°45	12°58	26°54	24°32	25° 9	25°32	26°16	M28
T 29	4 35 25	7°12'32	6♈26	29°52	18°47	6° 3	12° 5	8°26	11°43	12°56	26°55	24°30	25° 6	25°38	26°23	T 29
W30	4 39 22	8♐12'30	20♈20	0♑23	18♏27	6♐44	11♉58	8♑32	11♉41	12♊55	26♍56	24♊28	25♊ 3	25♌45	26♐31	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s30	6s17	5s 8	20s19	1s 9	27s20	7s 1	16s39	0n13	14n59	1s27	22s 1	1n 5	15n 1	0s33	20n37	1s37	11n50	11n20	23n 9	23n11	17n55	17s30	5n33
W 2	14 49	0 31	4 58	20 46	1 16	27 17	7 1	16 50	0 12	14 57	1 27	22 1	1 5	15 0	0 33	20 37	1 37	11 50	11 20	23 8	23 11	17 53	17 31	5 33
T 3	15 7	5n15	4 29	21 12	1 23	27 12	6 59	17 2	0 11	14 54	1 27	22 1	1 4	15 0	0 33	20 37	1 37	11 50	11 20	23 8	23 10	17 52	17 31	5 33
F 4	15 25	10 41	3 44	21 37	1 29	27 7	6 57	17 13	0 11	14 52	1 27	22 1	1 4	14 59	0 33	20 37	1 37	11 49	11 20	23 8	23 10	17 50	17 32	5 33
S 5	15 43	15 28	2 47	22 1	1 36	27 0	6 55	17 24	0 10	14 50	1 27	22 1	1 4	14 58	0 33	20 37	1 37	11 49	11 21	23 8	23 10	17 48	17 32	5 33
S 6	16 0	19 22	1 43	22 24	1 42	26 52	6 51	17 35	0 10	14 48	1 27	22 1	1 4	14 57	0 33	20 36	1 37	11 49	11 21	23 7	23 10	17 46	17 33	5 32
M 7	16 17	22 11	0 34	22 46	1 49	26 43	6 47	17 46	0 9	14 45	1 27	22 1	1 4	14 57	0 33	20 36	1 37	11 49	11 21	23 7	23 10	17 45	17 33	5 32
T 8	16 34	23 48	0n35	23 6	1 55	26 32	6 43	17 57	0 9	14 43	1 27	22 1	1 4	14 56	0 33	20 36	1 37	11 48	11 22	23 7	23 10	17 43	17 33	5 32
W 9	16 51	24 12	1 41	23 26	2 1	26 20	6 37	18 8	0 8	14 41	1 27	22 1	1 4	14 55	0 33	20 36	1 37	11 48	11 22	23 7	23 10	17 41	17 34	5 32
T 10	17 7	23 25	2 41	23 44	2 6	26 8	6 31	18 18	0 8	14 38	1 27	22 0	1 3	14 55	0 33	20 36	1 37	11 48	11 22	23 8	23 10	17 39	17 34	5 32
F 11	17 24	21 35	3 33	24 2	2 12	25 53	6 23	18 28	0 7	14 36	1 27	22 0	1 3	14 54	0 33	20 35	1 37	11 48	11 23	23 8	23 10	17 38	17 35	5 32
S 12	17 39	18 50	4 15	24 18	2 17	25 38	6 15	18 39	0 6	14 34	1 27	22 0	1 3	14 53	0 33	20 35	1 37	11 47	11 23	23 8	23 10	17 36	17 35	5 32
S 13	17 55	15 19	4 47	24 33	2 22	25 22	6 7	18 49	0 6	14 32	1 27	22 0	1 3	14 52	0 33	20 35	1 37	11 47	11 23	23 8	23 10	17 34	17 35	5 31
M14	18 10	11 10	5 6	24 47	2 27	25 4	5 57	18 59	0 5	14 29	1 27	22 0	1 3	14 52	0 33	20 35	1 37	11 47	11 24	23 7	23 9	17 32	17 36	5 31
T 15	18 25	6 33	5 12	25 0	2 32	24 46	5 47	19 9	0 5	14 27	1 27	22 0	1 3	14 51	0 33	20 35	1 37	11 47	11 24	23 7	23 9	17 30	17 36	5 31
W16	18 40	1 35	5 4	25 12	2 36	24 26	5 36	19 18	0 4	14 25	1 26	22 0	1 3	14 50	0 33	20 34	1 38	11 47	11 24	23 7	23 9	17 29	17 37	5 31
T 17	18 54	3s32	4 42	25 22	2 39	24 6	5 24	19 28	0 4	14 23	1 26	21 59	1 2	14 50	0 33	20 34	1 38	11 46	11 25	23 7	23 9	17 27	17 37	5 31
F 18	19 8	8 39	4 5	25 32	2 43	23 45	5 12	19 37	0 3	14 21	1 26	21 59	1 2	14 49	0 33	20 34	1 38	11 46	11 25	23 7	23 9	17 25	17 37	5 31
S 19	19 22	13 30	3 14	25 40	2 46	23 24	4 59	19 47	0 2	14 18	1 26	21 59	1 2	14 48	0 33	20 34	1 38	11 46	11 26	23 7	23 9	17 23	17 38	5 31
S 20	19 35	17 48	2 11	25 47	2 49	23 2	4 46	19 56	0 2	14 16	1 26	21 59	1 2	14 48	0 33	20 34	1 38	11 46	11 26	23 6	23 9	17 21	17 38	5 31
M21	19 48	21 14	1 0	25 53	2 51	22 39	4 32	20 5	0 1	14 14	1 26	21 59	1 2	14 47	0 33	20 33	1 38	11 46	11 26	23 6	23 9	17 20	17 38	5 31
T 22	20 1	23 28	0s16	25 58	2 52	22 17	4 18	20 13	0 1	14 12	1 26	21 58	1 2	14 46	0 33	20 33	1 38	11 46	11 27	23 6	23 9	17 18	17 39	5 31
W23	20 13	24 16	1 32	26 1	2 53	21 54	4 4	20 22	0 0	14 10	1 25	21 58	1 2	14 46	0 33	20 33	1 38	11 46	11 27	23 6	23 9	17 16	17 39	5 30
T 24	20 25	23 30	2 43	26 4	2 54	21 31	3 49	20 31	0s 0	14 8	1 25	21 58	1 2	14 45	0 32	20 33	1 38	11 46	11 27	23 6	23 8	17 14	17 39	5 30
F 25	20 37	21 14	3 45	26 5	2 54	21 9	3 34	20 39	0 1	14 6	1 25	21 58	1 1	14 44	0 32	20 33	1 38	11 46	11 28	23 7	23 8	17 12	17 39	5 30
S 26	20 48	17 39	4 32	26 5	2 53	20 46	3 19	20 47	0 1	14 4	1 25	21 57	1 1	14 44	0 32	20 32	1 38	11 46	11 28	23 7	23 8	17 10	17 40	5 30
S 27	20 58	13 5	5 3	26 4	2 51	20 25	3 3	20 55	0 2	14 2	1 25	21 57	1 1	14 43	0 32	20 32	1 38	11 46	11 28	23 7	23 8	17 8	17 40	5 30
M28	21 9	7 49	5 15	26 2	2 48	20 3	2 48	21 3	0 3	14 1	1 25	21 57	1 1	14 42	0 32	20 32	1 38	11 46	11 29	23 7	23 8	17 7	17 40	5 30
T 29	21 19	2 12	5 9	25 58	2 45	19 42	2 33	21 10	0 3	13 59	1 24	21 56	1 1	14 42	0 32	20 32	1 38	11 46	11 29	23 7	23 8	17 5	17 40	5 30
W30	21s29	3n29	4s44	25s54	2s40	19s22	2s18	21s18	0s 4	13n57	1s24	21s56	1n 1	14n41	0s32	20n32	1s38	11n46	11n30	23n 6	23n 8	17n 3	17s40	5n30

Julian Day Number = 3070935.5, Delta T = 02h36m28s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°30'59, Lahiri = 47°37'59

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ASTRODIENST EPHEMERIS for the year 3695
geocentric

DECEMBER 3695 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 43 18	9♐12'29	4♉ 4	0♑49	18°R 9	7♐25	11°R52	8♑39	11°R38	12°R53	26♍57	24°R26	24♊59	25♌52	26♐38	T 1
F 2	4 47 15	10°12'30	17°36	1° 7	17♏53	8° 6	11♉46	8°46	11♉36	12♊51	26°57	24♊24	24°56	25°58	26°45	F 2
S 3	4 51 12	11°12'32	0♊54	1°18	17°40	8°46	11°40	8°52	11°34	12°50	26°58	24°23	24°53	26° 5	26°52	S 3
S 4	4 55 8	12°12'37	13°57	1°R21	17°29	9°27	11°34	8°59	11°32	12°48	26°59	24°22	24°50	26°12	26°59	S 4
M 5	4 59 5	13°12'43	26°44	1°15	17°21	10° 8	11°28	9° 5	11°30	12°46	27° 0	24°D22	24°47	26°19	27° 6	M 5
T 6	5 3 1	14°12'51	9♋16	1° 0	17°16	10°49	11°22	9°12	11°29	12°45	27° 0	24°22	24°44	26°25	27°14	T 6
W 7	5 6 58	15°13'00	21°33	0°34	17°12	11°30	11°17	9°19	11°27	12°43	27° 1	24°23	24°40	26°32	27°21	W 7
T 8	5 10 54	16°13'12	3♌39	29♐59	17°D12	12°12	11°12	9°26	11°25	12°41	27° 2	24°24	24°37	26°39	27°28	T 8
F 9	5 14 51	17°13'25	15°37	29°13	17°13	12°53	11° 6	9°32	11°23	12°39	27° 2	24°24	24°34	26°45	27°35	F 9
S 10	5 18 48	18°13'40	27°29	28°18	17°17	13°34	11° 1	9°39	11°21	12°38	27° 3	24°25	24°31	26°52	27°43	S 10
S 11	5 22 44	19°13'57	9♍20	27°14	17°24	14°15	10°57	9°46	11°19	12°36	27° 3	24°25	24°28	26°59	27°50	S 11
M12	5 26 41	20°14'15	21°16	26° 3	17°33	14°56	10°52	9°53	11°18	12°34	27° 4	24°R26	24°25	27° 5	27°57	M12
T 13	5 30 37	21°14'36	3♎20	24°46	17°44	15°38	10°48	10° 0	11°16	12°33	27° 4	24°25	24°21	27°12	28° 5	T 13
W14	5 34 34	22°14'58	15°37	23°26	17°57	16°19	10°43	10° 7	11°14	12°31	27° 5	24°25	24°18	27°19	28°12	W14
T 15	5 38 30	23°15'23	28°12	22° 5	18°12	17° 1	10°39	10°14	11°13	12°29	27° 5	24°25	24°15	27°26	28°19	T 15
F 16	5 42 27	24°15'49	11♏ 7	20°45	18°29	17°42	10°36	10°21	11°11	12°28	27° 6	24°D25	24°12	27°32	28°27	F 16
S 17	5 46 23	25°16'16	24°24	19°30	18°49	18°24	10°32	10°28	11° 9	12°26	27° 6	24°25	24° 9	27°39	28°34	S 17
S 18	5 50 20	26°16'46	8♐ 5	18°22	19°10	19° 5	10°28	10°35	11° 8	12°25	27° 6	24°25	24° 5	27°46	28°41	S 18
M19	5 54 17	27°17'17	22° 7	17°23	19°33	19°47	10°25	10°42	11° 6	12°23	27° 7	24°R25	24° 2	27°52	28°49	M19
T 20	5 58 13	28°17'49	6♑26	16°34	19°58	20°29	10°22	10°49	11° 5	12°21	27° 7	24°25	23°59	27°59	28°56	T 20
W21	6 2 10	29°18'23	20°58	15°56	20°25	21°10	10°19	10°56	11° 4	12°20	27° 7	24°25	23°56	28° 6	29° 3	W21
T 22	6 6 6	0♑18'58	5♒37	15°30	20°53	21°52	10°16	11° 3	11° 2	12°18	27° 7	24°24	23°53	28°13	29°11	T 22
F 23	6 10 3	1°19'34	20°15	15°15	21°23	22°34	10°14	11°10	11° 1	12°16	27° 8	24°24	23°50	28°19	29°18	F 23
S 24	6 13 59	2°20'12	4♓48	15°D12	21°55	23°16	10°12	11°17	11° 0	12°15	27° 8	24°23	23°46	28°26	29°25	S 24
S 25	6 17 56	3°20'50	19°10	15°19	22°28	23°57	10°10	11°24	10°59	12°13	27° 8	24°22	23°43	28°33	29°32	S 25
M26	6 21 53	4°21'29	3♈18	15°36	23° 2	24°39	10° 8	11°31	10°57	12°12	27° 8	24°D22	23°40	28°39	29°40	M26
T 27	6 25 49	5°22'09	17°10	16° 2	23°38	25°21	10° 6	11°38	10°56	12°10	27° 8	24°22	23°37	28°46	29°47	T 27
W28	6 29 46	6°22'50	0♉47	16°37	24°15	26° 3	10° 5	11°46	10°55	12° 9	27°R 8	24°23	23°34	28°53	29°54	W28
T 29	6 33 42	7°23'32	14° 9	17°18	24°54	26°45	10° 3	11°53	10°54	12° 7	27° 8	24°24	23°31	29° 0	0♑ 2	T 29
F 30	6 37 39	8°24'15	27°15	18° 6	25°33	27°28	10° 2	12° 0	10°53	12° 6	27° 8	24°25	23°27	29° 6	0° 9	F 30
S 31	6 41 35	9♑24'58	10♊ 9	19♐ 0	26♏14	28♐10	10♉ 2	12♑ 7	10♉52	12♊ 4	27♍ 8	24♊26	23♊24	29♌13	0♑16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	21s38	8n56	4s 3	25s48	2s35	19s 3	2s 3	21s25	0s 4	13n55	1s24	21s56	1n 1	14n40	0s32	20n31	1s38	11n46	11n30	23n 6	23n 8	17n 1	17s41	5n30
F 2	21 47	13 53	3 10	25 41	2 28	18 44	1 48	21 32	0 5	13 54	1 24	21 56	1 1	14 40	0 32	20 31	1 38	11 46	11 30	23 6	23 8	16 59	17 41	5 30
S 3	21 55	18 6	2 6	25 33	2 20	18 26	1 33	21 39	0 5	13 52	1 24	21 55	1 1	14 39	0 32	20 31	1 38	11 46	11 31	23 6	23 7	16 57	17 41	5 30
S 4	22 3	21 19	0 57	25 23	2 10	18 10	1 19	21 46	0 6	13 50	1 23	21 55	1 0	14 39	0 32	20 31	1 38	11 46	11 31	23 6	23 7	16 55	17 41	5 30
M 5	22 11	23 24	0n13	25 12	1 59	17 54	1 5	21 53	0 7	13 49	1 23	21 55	1 0	14 38	0 32	20 30	1 38	11 46	11 32	23 6	23 7	16 53	17 41	5 30
T 6	22 18	24 16	1 22	25 0	1 47	17 39	0 51	21 59	0 7	13 47	1 23	21 54	1 0	14 38	0 32	20 30	1 38	11 46	11 32	23 6	23 7	16 52	17 41	5 30
W 7	22 25	23 54	2 25	24 46	1 33	17 25	0 37	22 5	0 8	13 46	1 23	21 54	1 0	14 37	0 32	20 30	1 38	11 46	11 32	23 6	23 7	16 50	17 41	5 30
T 8	22 31	22 25	3 21	24 31	1 17	17 12	0 24	22 11	0 8	13 44	1 23	21 54	1 0	14 36	0 32	20 30	1 38	11 46	11 33	23 6	23 7	16 48	17 41	5 30
F 9	22 37	19 57	4 7	24 14	1 0	17 0	0 11	22 17	0 9	13 43	1 22	21 53	1 0	14 36	0 32	20 30	1 38	11 46	11 33	23 6	23 7	16 46	17 42	5 31
S 10	22 42	16 40	4 43	23 55	0 42	16 49	0n 1	22 23	0 9	13 42	1 22	21 53	1 0	14 35	0 32	20 29	1 38	11 46	11 34	23 6	23 7	16 44	17 42	5 31
S 11	22 47	12 44	5 6	23 34	0 23	16 40	0 13	22 28	0 10	13 41	1 22	21 52	1 0	14 35	0 32	20 29	1 38	11 47	11 34	23 6	23 6	16 42	17 42	5 31
M12	22 52	8 17	5 17	23 13	0 3	16 31	0 25	22 33	0 11	13 39	1 22	21 52	1 0	14 34	0 32	20 29	1 38	11 47	11 34	23 6	23 6	16 40	17 42	5 31
T 13	22 56	3 29	5 13	22 50	0n18	16 23	0 36	22 38	0 11	13 38	1 21	21 52	1 0	14 34	0 32	20 29	1 38	11 47	11 35	23 6	23 6	16 38	17 42	5 31
W14	23 0	1s32	4 56	22 26	0 38	16 16	0 47	22 43	0 12	13 37	1 21	21 51	0 59	14 33	0 32	20 29	1 38	11 47	11 35	23 6	23 6	16 36	17 42	5 31
T 15	23 3	6 37	4 24	22 2	0 58	16 10	0 57	22 48	0 12	13 36	1 21	21 51	0 59	14 33	0 32	20 28	1 38	11 47	11 36	23 6	23 6	16 34	17 42	5 31
F 16	23 6	11 34	3 38	21 38	1 16	16 5	1 7	22 52	0 13	13 35	1 21	21 50	0 59	14 32	0 32	20 28	1 38	11 48	11 36	23 6	23 6	16 32	17 42	5 31
S 17	23 8	16 8	2 39	21 15	1 34	16 1	1 17	22 57	0 13	13 34	1 20	21 50	0 59	14 32	0 32	20 28	1 38	11 48	11 37	23 6	23 6	16 30	17 42	5 31
S 18	23 10	19 59	1 29	20 54	1 49	15 58	1 26	23 1	0 14	13 34	1 20	21 49	0 59	14 32	0 32	20 28	1 38	11 48	11 37	23 6	23 5	16 28	17 42	5 31
M19	23 12	22 47	0 13	20 36	2 2	15 56	1 35	23 5	0 15	13 33	1 20	21 49	0 59	14 31	0 32	20 28	1 37	11 48	11 37	23 6	23 5	16 26	17 42	5 31
T 20	23 13	24 10	1s 6	20 20	2 14	15 54	1 44	23 8	0 15	13 32	1 19	21 48	0 59	14 31	0 32	20 28	1 37	11 49	11 38	23 6	23 5	16 24	17 41	5 32
W21	23 13	23 57	2 22	20 7	2 23	15 53	1 52	23 12	0 16	13 32	1 19	21 48	0 59	14 30	0 32	20 27	1 37	11 49	11 38	23 6	23 5	16 23	17 41	5 32
T 22	23 13	22 4	3 29	19 58	2 29	15 53	2 0	23 15	0 16	13 31	1 19	21 47	0 59	14 30	0 32	20 27	1 37	11 49	11 39	23 6	23 5	16 21	17 41	5 32
F 23	23 13	18 45	4 23	19 52	2 34	15 54	2 7	23 18	0 17	13 30	1 19	21 47	0 59	14 30	0 32	20 27	1 37	11 50	11 39	23 6	23 5	16 19	17 41	5 32
S 24	23 12	14 18	4 59	19 48	2 37	15 55	2 14	23 21	0 18	13 30	1 18	21 46	0 59	14 29	0 32	20 27	1 37	11 50	11 39	23 6	23 5	16 17	17 41	5 32
S 25	23 11	9 6	5 16	19 48	2 38	15 57	2 21	23 23	0 18	13 30	1 18	21 46	0 59	14 29	0 32	20 27	1 37	11 50	11 40	23 6	23 4	16 15	17 41	5 32
M26	23 9	3 30	5 13	19 50	2 38	15 59	2 27	23 26	0 19	13 29	1 18	21 45	0 58	14 29	0 32	20 26	1 37	11 51	11 40	23 6	23 4	16 13	17 41	5 33
T 27	23 7	2n11	4 52	19 54	2 36	16 2	2 34	23 28	0 19	13 29	1 17	21 45	0 58	14 28	0 32	20 26	1 37	11 51	11 41	23 6	23 4	16 11	17 41	5 33
W28	23 4	7 39	4 15	20 0	2 34	16 5	2 39	23 30	0 20	13 29	1 17	21 44	0 58	14 28	0 32	20 26	1 37	11 51	11 41	23 6	23 4	16 9	17 40	5 33
T 29	23 1	12 40	3 25	20 8	2 30	16 9	2 45	23 31	0 20	13 29	1 17	21 44	0 58	14 28	0 32	20 26	1 37	11 52	11 42	23 6	23 4	16 7	17 40	5 33
F 30	22 57	17 1	2 25	20 17	2 25	16 13	2 50	23 33	0 21	13 29	1 17	21 43	0 58	14 27	0 32	20 26	1 37	11 52	11 42	23 6	23 4	16 5	17 40	5 33
S 31	22s53	20n29	1s18	20s27	2n20	16s18	2n55	23s34	0s22	13n29	1s16	21s43	0n58	14n27	0s32	20n26	1s37	11n52	11n42	23n 6	23n 4	16n 3	17s40	5n34

Julian Day Number = 3070965.5, Delta T = 02h36m29s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'03, Lahiri = 47°38'03

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

JANUARY 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 45 32	10♑25'43	22♊50	19♐58	26♏56	28♐52	10°R 1	12♑14	10°R51	12°R 3	27°R 8	24°R27	23♊21	29♌20	0♑23	S 1
M 2	6 49 28	11°26'29	5♋19	21° 1	27°40	29°34	10♉ 1	12°21	10♉50	12♊ 1	27♍ 8	24♊26	23°18	29°26	0°31	M 2
T 3	6 53 25	12°27'16	17°38	22° 8	28°24	0♑16	10°D 0	12°29	10°50	12° 0	27° 8	24°25	23°15	29°33	0°38	T 3
W 4	6 57 22	13°28'04	29°47	23°18	29° 9	0°59	10° 0	12°36	10°49	11°59	27° 7	24°23	23°11	29°40	0°45	W 4
T 5	7 1 18	14°28'53	11♌48	24°31	29°55	1°41	10° 1	12°43	10°48	11°57	27° 7	24°20	23° 8	29°47	0°52	T 5
F 6	7 5 15	15°29'43	23°44	25°46	0♐43	2°23	10° 1	12°50	10°48	11°56	27° 7	24°16	23° 5	29°53	0°59	F 6
S 7	7 9 11	16°30'34	5♍35	27° 3	1°31	3° 6	10° 2	12°57	10°47	11°55	27° 7	24°12	23° 2	29°59	1° 7	S 7
S 8	7 13 8	17°31'26	17°26	28°22	2°20	3°48	10° 2	13° 4	10°46	11°53	27° 6	24° 9	22°59	0♍ 7	1°14	S 8
M 9	7 17 4	18°32'19	29°21	29°43	3°10	4°31	10° 4	13°12	10°46	11°52	27° 6	24° 6	22°56	0°13	1°21	M 9
T 10	7 21 1	19°33'13	11♎22	1♑ 6	4° 0	5°13	10° 5	13°19	10°45	11°51	27° 6	24° 5	22°52	0°20	1°28	T 10
W11	7 24 57	20°34'08	23°35	2°29	4°52	5°56	10° 6	13°26	10°45	11°50	27° 5	24°D 4	22°49	0°27	1°35	W11
T 12	7 28 54	21°35'04	6♏ 4	3°53	5°44	6°39	10° 8	13°33	10°45	11°48	27° 5	24° 5	22°46	0°33	1°42	T 12
F 13	7 32 51	22°36'01	18°55	5°19	6°37	7°22	10°10	13°40	10°44	11°47	27° 4	24° 7	22°43	0°40	1°49	F 13
S 14	7 36 47	23°37'00	2♐ 9	6°45	7°30	8° 4	10°12	13°47	10°44	11°46	27° 4	24° 8	22°40	0°47	1°56	S 14
S 15	7 40 44	24°37'59	15°51	8°12	8°25	8°47	10°14	13°54	10°44	11°45	27° 3	24°10	22°37	0°54	2° 3	S 15
M16	7 44 40	25°38'59	29°59	9°40	9°20	9°30	10°17	14° 1	10°44	11°44	27° 3	24°R10	22°33	1° 0	2°10	M16
T 17	7 48 37	26°40'00	14♑33	11° 8	10°15	10°13	10°19	14° 8	10°44	11°43	27° 2	24° 8	22°30	1° 7	2°16	T 17
W18	7 52 33	27°41'01	29°26	12°37	11°11	10°56	10°22	14°15	10°D44	11°41	27° 2	24° 5	22°27	1°14	2°23	W18
T 19	7 56 30	28°42'03	14♒30	14° 6	12° 8	11°39	10°25	14°22	10°44	11°40	27° 1	24° 1	22°24	1°20	2°30	T 19
F 20	8 0 27	29°43'05	29°36	15°35	13° 5	12°22	10°29	14°29	10°44	11°39	27° 0	23°55	22°21	1°27	2°37	F 20
S 21	8 4 23	0♒44'08	14♓34	17° 5	14° 3	13° 5	10°32	14°36	10°44	11°38	27° 0	23°50	22°17	1°34	2°44	S 21
S 22	8 8 20	1°45'10	29°16	18°36	15° 1	13°48	10°36	14°43	10°44	11°37	26°59	23°45	22°14	1°41	2°50	S 22
M23	8 12 16	2°46'13	13♈36	20° 6	16° 0	14°31	10°40	14°50	10°44	11°37	26°58	23°41	22°11	1°47	2°57	M23
T 24	8 16 13	3°47'16	27°33	21°37	16°59	15°14	10°44	14°57	10°44	11°36	26°58	23°40	22° 8	1°54	3° 4	T 24
W25	8 20 9	4°48'18	11♉ 6	23° 9	17°59	15°58	10°48	15° 4	10°45	11°35	26°57	23°D40	22° 5	2° 1	3°10	W25
T 26	8 24 6	5°49'21	24°17	24°40	18°59	16°41	10°52	15°11	10°45	11°34	26°56	23°41	22° 2	2° 7	3°17	T 26
F 27	8 28 2	6°50'24	7♊ 9	26°13	20° 0	17°24	10°57	15°18	10°45	11°33	26°55	23°42	21°58	2°14	3°23	F 27
S 28	8 31 59	7°51'26	19°45	27°45	21° 1	18° 8	11° 2	15°25	10°46	11°32	26°54	23°R44	21°55	2°21	3°30	S 28
S 29	8 35 56	8°52'29	2♋ 8	29°18	22° 2	18°51	11° 7	15°32	10°46	11°32	26°53	23°43	21°52	2°28	3°36	S 29
M30	8 39 52	9°53'32	14°21	0♒51	23° 4	19°35	11°12	15°38	10°47	11°31	26°52	23°41	21°49	2°34	3°42	M30
T 31	8 43 49	10♒54'34	26♋27	2♒24	24♐ 6	20♑18	11♉17	15♑45	10♉48	11♊30	26♍51	23♊36	21♊46	2♍41	3♑49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s49	22n53	0s 9	20s37	2n14	16s23	2n59	23s35	0s22	13n29	1s16	21s42	0n58	14n27	0s32	20n25	1s37	11n53	11n43	23n 6	23n 3	16n 1	17s39	5n34
M 2	22 44	24 7	1n 0	20 48	2 7	16 29	3 3	23 36	0 23	13 29	1 16	21 41	0 58	14 27	0 32	20 25	1 37	11 53	11 43	23 6	23 3	15 59	17 39	5 34
T 3	22 39	24 8	2 5	20 59	2 0	16 34	3 7	23 37	0 23	13 29	1 15	21 41	0 58	14 26	0 31	20 25	1 37	11 54	11 44	23 6	23 3	15 56	17 39	5 34
W 4	22 33	22 59	3 3	21 10	1 53	16 40	3 11	23 37	0 24	13 30	1 15	21 40	0 58	14 26	0 31	20 25	1 37	11 54	11 44	23 6	23 3	15 54	17 39	5 35
T 5	22 27	20 48	3 52	21 21	1 46	16 47	3 14	23 37	0 24	13 30	1 15	21 40	0 58	14 26	0 31	20 25	1 37	11 55	11 44	23 6	23 3	15 52	17 38	5 35
F 6	22 20	17 45	4 31	21 31	1 38	16 53	3 18	23 37	0 25	13 30	1 15	21 39	0 58	14 26	0 31	20 25	1 37	11 55	11 45	23 6	23 3	15 50	17 38	5 35
S 7	22 13	14 0	4 58	21 41	1 30	17 0	3 21	23 37	0 26	13 31	1 14	21 38	0 58	14 26	0 31	20 25	1 37	11 56	11 45	23 6	23 2	15 48	17 38	5 35
S 8	22 5	9 43	5 12	21 51	1 22	17 7	3 23	23 36	0 26	13 31	1 14	21 38	0 58	14 26	0 31	20 24	1 37	11 56	11 46	23 6	23 2	15 46	17 37	5 36
M 9	21 57	5 3	5 13	21 59	1 14	17 14	3 26	23 35	0 27	13 32	1 14	21 37	0 58	14 25	0 31	20 24	1 37	11 57	11 46	23 5	23 2	15 44	17 37	5 36
T 10	21 49	0 9	5 0	22 7	1 6	17 21	3 28	23 35	0 27	13 33	1 13	21 37	0 58	14 25	0 31	20 24	1 37	11 57	11 46	23 5	23 2	15 42	17 37	5 36
W11	21 40	4s50	4 34	22 14	0 58	17 28	3 30	23 33	0 28	13 33	1 13	21 36	0 57	14 25	0 31	20 24	1 37	11 58	11 47	23 5	23 2	15 40	17 36	5 37
T 12	21 30	9 44	3 54	22 20	0 50	17 36	3 31	23 32	0 29	13 34	1 13	21 35	0 57	14 25	0 31	20 24	1 37	11 58	11 47	23 5	23 2	15 38	17 36	5 37
F 13	21 21	14 23	3 1	22 25	0 42	17 43	3 33	23 30	0 29	13 35	1 13	21 35	0 57	14 25	0 31	20 24	1 37	11 59	11 48	23 6	23 1	15 36	17 35	5 37
S 14	21 11	18 29	1 58	22 29	0 34	17 50	3 34	23 28	0 30	13 36	1 12	21 34	0 57	14 25	0 31	20 24	1 37	11 59	11 48	23 6	23 1	15 34	17 35	5 38
S 15	21 0	21 44	0 45	22 32	0 26	17 58	3 35	23 26	0 30	13 37	1 12	21 33	0 57	14 25	0 31	20 24	1 37	12 0	11 48	23 6	23 1	15 32	17 35	5 38
M16	20 49	23 45	0s32	22 34	0 18	18 5	3 36	23 24	0 31	13 38	1 12	21 33	0 57	14 25	0 31	20 23	1 37	12 0	11 49	23 6	23 1	15 30	17 34	5 38
T 17	20 38	24 15	1 49	22 35	0 10	18 12	3 37	23 21	0 31	13 39	1 11	21 32	0 57	14 25	0 31	20 23	1 37	12 1	11 49	23 6	23 1	15 28	17 34	5 39
W18	20 26	23 2	3 1	22 35	0 3	18 20	3 37	23 18	0 32	13 40	1 11	21 31	0 57	14 25	0 31	20 23	1 37	12 2	11 50	23 5	23 1	15 25	17 33	5 39
T 19	20 14	20 10	4 0	22 34	0s 5	18 27	3 38	23 15	0 33	13 41	1 11	21 30	0 57	14 25	0 31	20 23	1 36	12 2	11 50	23 5	23 0	15 23	17 33	5 39
F 20	20 1	15 56	4 43	22 31	0 12	18 34	3 38	23 12	0 33	13 43	1 11	21 30	0 57	14 25	0 31	20 23	1 36	12 3	11 50	23 5	23 0	15 21	17 32	5 40
S 21	19 49	10 45	5 7	22 28	0 19	18 41	3 38	23 9	0 34	13 44	1 10	21 29	0 57	14 25	0 31	20 23	1 36	12 3	11 51	23 5	23 0	15 19	17 32	5 40
S 22	19 35	5 2	5 9	22 23	0 26	18 47	3 37	23 5	0 34	13 45	1 10	21 28	0 57	14 25	0 31	20 23	1 36	12 4	11 51	23 5	23 0	15 17	17 31	5 40
M23	19 22	0n50	4 52	22 17	0 33	18 54	3 37	23 1	0 35	13 47	1 10	21 28	0 57	14 25	0 31	20 23	1 36	12 5	11 51	23 4	23 0	15 15	17 31	5 41
T 24	19 8	6 29	4 18	22 10	0 40	19 0	3 37	22 57	0 35	13 48	1 9	21 27	0 57	14 25	0 31	20 23	1 36	12 5	11 52	23 4	22 59	15 13	17 30	5 41
W25	18 53	11 41	3 31	22 1	0 46	19 6	3 36	22 52	0 36	13 50	1 9	21 26	0 57	14 26	0 31	20 23	1 36	12 6	11 52	23 4	22 59	15 11	17 30	5 42
T 26	18 39	16 12	2 33	21 52	0 53	19 12	3 35	22 48	0 37	13 52	1 9	21 25	0 57	14 26	0 31	20 23	1 36	12 6	11 52	23 4	22 59	15 9	17 29	5 42
F 27	18 24	19 51	1 29	21 41	0 59	19 18	3 34	22 43	0 37	13 53	1 9	21 25	0 57	14 26	0 31	20 23	1 36	12 7	11 53	23 4	22 59	15 6	17 28	5 42
S 28	18 8	22 28	0 22	21 29	1 5	19 23	3 33	22 38	0 38	13 55	1 8	21 24	0 57	14 26	0 31	20 23	1 36	12 8	11 53	23 4	22 59	15 4	17 28	5 43
S 29	17 53	23 58	0n45	21 16	1 11	19 28	3 31	22 33	0 38	13 57	1 8	21 23	0 57	14 26	0 31	20 22	1 36	12 8	11 54	23 4	22 58	15 2	17 27	5 43
M30	17 37	24 16	1 49	21 1	1 16	19 33	3 30	22 27	0 39	13 59	1 8	21 23	0 57	14 26	0 31	20 22	1 36	12 9	11 54	23 4	22 58	15 0	17 27	5 44
T 31	17s20	23n24	2n47	20s46	1s21	19s37	3n28	22s21	0s39	14n 1	1s 7	21s22	0n57	14n27	0s31	20n22	1s36	12n10	11n54	23n 4	22n58	14n58	17s26	5n44

Julian Day Number = 3070996.5, Delta T = 02h36m30s
Ecliptic obliquity = 23°13'17, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'07, Lahiri = 47°38'07

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

FEBRUARY 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 47 45	11♒55'37	8♌27	3♒58	25♐ 8	21♑ 2	11♉23	15♑52	10♉48	11°R30	26°R50	23°R29	21♊43	2♍48	3♑55	W 1
T 2	8 51 42	12°56'39	20°23	5°32	26°11	21°45	11°29	15°58	10°49	11♊29	26♍50	23♊20	21°39	2°54	4° 1	T 2
F 3	8 55 38	13°57'42	2♍16	7° 7	27°14	22°29	11°35	16° 5	10°50	11°28	26°48	23°10	21°36	3° 1	4° 7	F 3
S 4	8 59 35	14°58'44	14° 8	8°42	28°18	23°13	11°41	16°12	10°51	11°28	26°47	22°59	21°33	3° 8	4°13	S 4
S 5	9 3 31	15°59'47	26° 0	10°17	29°22	23°56	11°47	16°18	10°52	11°27	26°46	22°49	21°30	3°15	4°19	S 5
M 6	9 7 28	17° 0'49	7♎55	11°53	0♑26	24°40	11°53	16°25	10°53	11°27	26°45	22°41	21°27	3°21	4°25	M 6
T 7	9 11 25	18° 1'52	19°56	13°29	1°30	25°24	12° 0	16°31	10°53	11°26	26°44	22°34	21°23	3°28	4°31	T 7
W 8	9 15 21	19° 2'54	2♏ 7	15° 6	2°35	26° 8	12° 7	16°38	10°55	11°26	26°43	22°30	21°20	3°35	4°37	W 8
T 9	9 19 18	20° 3'57	14°32	16°43	3°40	26°52	12°14	16°44	10°56	11°25	26°42	22°29	21°17	3°41	4°43	T 9
F 10	9 23 14	21° 4'59	27°15	18°21	4°45	27°36	12°21	16°50	10°57	11°25	26°41	22°D29	21°14	3°48	4°49	F 10
S 11	9 27 11	22° 6'02	10♐21	19°59	5°51	28°19	12°28	16°57	10°58	11°25	26°40	22°30	21°11	3°55	4°54	S 11
S 12	9 31 7	23° 7'05	23°53	21°38	6°56	29° 4	12°35	17° 3	10°59	11°24	26°38	22°R30	21° 8	4° 2	5° 0	S 12
M13	9 35 4	24° 8'07	7♑55	23°17	8° 2	29°48	12°43	17° 9	11° 0	11°24	26°37	22°29	21° 4	4° 8	5° 6	M13
T 14	9 39 0	25° 9'10	22°25	24°57	9° 8	0♒32	12°51	17°15	11° 2	11°24	26°36	22°26	21° 1	4°15	5°11	T 14
W15	9 42 57	26°10'12	7♒20	26°37	10°15	1°16	12°59	17°21	11° 3	11°24	26°35	22°20	20°58	4°22	5°17	W15
T 16	9 46 54	27°11'14	22°34	28°18	11°22	2° 0	13° 7	17°28	11° 5	11°24	26°33	22°11	20°55	4°29	5°22	T 16
F 17	9 50 50	28°12'15	7♓54	29°59	12°28	2°44	13°15	17°34	11° 6	11°23	26°32	22° 1	20°52	4°35	5°27	F 17
S 18	9 54 47	29°13'15	23°11	1♓41	13°35	3°29	13°23	17°40	11° 8	11°23	26°31	21°51	20°49	4°42	5°33	S 18
S 19	9 58 43	0♓14'15	8♈13	3°24	14°43	4°13	13°32	17°45	11° 9	11°23	26°30	21°41	20°45	4°49	5°38	S 19
M20	10 2 40	1°15'14	22°51	5° 7	15°50	4°57	13°40	17°51	11°11	11°D23	26°28	21°33	20°42	4°55	5°43	M20
T 21	10 6 36	2°16'12	7♉ 1	6°50	16°58	5°42	13°49	17°57	11°12	11°23	26°27	21°28	20°39	5° 2	5°48	T 21
W22	10 10 33	3°17'09	20°41	8°34	18° 5	6°26	13°58	18° 3	11°14	11°23	26°26	21°26	20°36	5° 9	5°53	W22
T 23	10 14 29	4°18'05	3♊54	10°19	19°13	7°10	14° 7	18° 9	11°16	11°23	26°24	21°D25	20°33	5°16	5°58	T 23
F 24	10 18 26	5°19'00	16°43	12° 4	20°21	7°55	14°16	18°14	11°18	11°24	26°23	21°R25	20°29	5°22	6° 3	F 24
S 25	10 22 23	6°19'54	29°12	13°49	21°30	8°39	14°25	18°20	11°19	11°24	26°21	21°25	20°26	5°29	6° 7	S 25
S 26	10 26 19	7°20'47	11♋26	15°34	22°38	9°24	14°35	18°25	11°21	11°24	26°20	21°24	20°23	5°36	6°12	S 26
M27	10 30 16	8°21'39	23°30	17°20	23°47	10° 9	14°44	18°31	11°23	11°24	26°19	21°19	20°20	5°42	6°17	M27
T 28	10 34 12	9°22'29	5♌27	19° 6	24°55	10°53	14°54	18°36	11°25	11°24	26°17	21°12	20°17	5°49	6°21	T 28
W29	10 38 9	10♓23'19	17♌21	20♓51	26♑ 4	11♒38	15♉ 4	18♑42	11♉27	11♊25	26♍16	21♊ 2	20♊14	5♍56	6♑26	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 4	21n29	3n37	20s29	1s26	19s41	3n27	22s15	0s40	14n 3	1s 7	21s21	0n57	14n27	0s31	20n22	1s36	12n10	11n55	23n 4	22n58	14n56	17s25	5n45
T 2	16 47	18 38	4 17	20 11	1 31	19 45	3 25	22 9	0 41	14 5	1 7	21 20	0 57	14 27	0 30	20 22	1 36	12 11	11 55	23 3	22 58	14 54	17 25	5 45
F 3	16 29	15 1	4 46	19 52	1 36	19 49	3 23	22 3	0 41	14 7	1 7	21 20	0 57	14 27	0 30	20 22	1 36	12 12	11 55	23 3	22 58	14 51	17 24	5 46
S 4	16 12	10 50	5 2	19 32	1 40	19 52	3 21	21 56	0 42	14 9	1 6	21 19	0 57	14 28	0 30	20 22	1 36	12 13	11 55	23 2	22 57	14 49	17 23	5 46
S 5	15 54	6 15	5 5	19 10	1 44	19 55	3 19	21 49	0 42	14 11	1 6	21 18	0 57	14 28	0 30	20 22	1 36	12 13	11 56	23 2	22 57	14 47	17 23	5 47
M 6	15 36	1 24	4 55	18 48	1 48	19 57	3 16	21 42	0 43	14 13	1 6	21 17	0 57	14 28	0 30	20 22	1 36	12 14	11 56	23 1	22 57	14 45	17 22	5 47
T 7	15 17	3s32	4 32	18 24	1 51	19 59	3 14	21 35	0 43	14 15	1 6	21 17	0 57	14 29	0 30	20 22	1 36	12 15	11 56	23 1	22 57	14 43	17 21	5 48
W 8	14 59	8 24	3 56	17 59	1 54	20 0	3 11	21 27	0 44	14 18	1 5	21 16	0 56	14 29	0 30	20 22	1 35	12 15	11 57	23 1	22 56	14 40	17 21	5 48
T 9	14 40	13 3	3 9	17 33	1 57	20 2	3 9	21 19	0 45	14 20	1 5	21 15	0 56	14 29	0 30	20 22	1 35	12 16	11 57	23 1	22 56	14 38	17 20	5 49
F 10	14 20	17 15	2 11	17 5	2 0	20 2	3 6	21 11	0 45	14 22	1 5	21 14	0 56	14 30	0 30	20 22	1 35	12 17	11 57	23 1	22 56	14 36	17 19	5 49
S 11	14 1	20 44	1 5	16 37	2 2	20 3	3 3	21 3	0 46	14 25	1 5	21 14	0 56	14 30	0 30	20 22	1 35	12 18	11 58	23 1	22 56	14 34	17 18	5 50
S 12	13 41	23 12	0s 7	16 7	2 4	20 2	3 0	20 55	0 46	14 27	1 4	21 13	0 56	14 31	0 30	20 22	1 35	12 18	11 58	23 1	22 56	14 32	17 18	5 50
M13	13 21	24 20	1 21	15 36	2 5	20 2	2 57	20 46	0 47	14 30	1 4	21 12	0 56	14 31	0 30	20 22	1 35	12 19	11 58	23 1	22 55	14 29	17 17	5 51
T 14	13 1	23 53	2 32	15 4	2 6	20 1	2 54	20 38	0 47	14 32	1 4	21 11	0 56	14 31	0 30	20 22	1 35	12 20	11 58	23 0	22 55	14 27	17 16	5 51
W15	12 41	21 44	3 35	14 31	2 7	19 59	2 51	20 29	0 48	14 35	1 4	21 10	0 56	14 32	0 30	20 22	1 35	12 20	11 59	23 0	22 55	14 25	17 15	5 52
T 16	12 20	18 1	4 23	13 57	2 7	19 57	2 48	20 19	0 48	14 37	1 3	21 10	0 56	14 32	0 30	20 22	1 35	12 21	11 59	23 0	22 55	14 23	17 15	5 53
F 17	11 59	13 4	4 53	13 22	2 7	19 54	2 45	20 10	0 49	14 40	1 3	21 9	0 56	14 33	0 30	20 22	1 35	12 22	11 59	22 59	22 55	14 21	17 14	5 53
S 18	11 38	7 19	5 2	12 45	2 7	19 51	2 41	20 0	0 50	14 43	1 3	21 8	0 56	14 33	0 30	20 22	1 35	12 23	11 59	22 58	22 54	14 18	17 13	5 54
S 19	11 17	1 13	4 50	12 8	2 6	19 48	2 38	19 50	0 50	14 46	1 3	21 7	0 56	14 34	0 30	20 23	1 35	12 23	12 0	22 58	22 54	14 16	17 12	5 54
M20	10 56	4n47	4 19	11 29	2 4	19 44	2 35	19 40	0 51	14 48	1 2	21 7	0 56	14 34	0 30	20 23	1 35	12 24	12 0	22 57	22 54	14 14	17 11	5 55
T 21	10 34	10 23	3 33	10 49	2 3	19 40	2 31	19 30	0 51	14 51	1 2	21 6	0 56	14 35	0 30	20 23	1 35	12 25	12 0	22 57	22 54	14 12	17 11	5 55
W22	10 13	15 16	2 35	10 9	2 0	19 35	2 27	19 20	0 52	14 54	1 2	21 5	0 56	14 35	0 30	20 23	1 35	12 26	12 0	22 57	22 54	14 9	17 10	5 56
T 23	9 51	19 14	1 32	9 27	1 57	19 29	2 24	19 9	0 52	14 57	1 2	21 4	0 56	14 36	0 30	20 23	1 35	12 26	12 1	22 57	22 53	14 7	17 9	5 57
F 24	9 29	22 9	0 25	8 44	1 54	19 23	2 20	18 58	0 53	15 0	1 1	21 4	0 56	14 37	0 30	20 23	1 35	12 27	12 1	22 57	22 53	14 5	17 8	5 57
S 25	9 6	23 54	0n41	8 0	1 50	19 17	2 16	18 47	0 53	15 3	1 1	21 3	0 56	14 37	0 30	20 23	1 35	12 28	12 1	22 57	22 53	14 3	17 7	5 58
S 26	8 44	24 28	1 44	7 16	1 46	19 10	2 13	18 36	0 54	15 6	1 1	21 2	0 56	14 38	0 30	20 23	1 34	12 29	12 1	22 57	22 53	14 0	17 6	5 59
M27	8 22	23 50	2 41	6 30	1 40	19 2	2 9	18 25	0 54	15 9	1 1	21 1	0 56	14 38	0 30	20 23	1 34	12 29	12 1	22 56	22 52	13 58	17 6	5 59
T 28	7 59	22 8	3 30	5 44	1 35	18 54	2 5	18 13	0 55	15 12	1 1	21 1	0 56	14 39	0 30	20 23	1 34	12 30	12 2	22 56	22 52	13 56	17 5	6 0
W29	7s36	19n28	4n10	4s57	1s28	18s46	2n 1	18s 2	0s55	15n15	1s 0	21s 0	0n56	14n40	0s30	20n23	1s34	12n31	12n 2	22n55	22n52	13n53	17s 4	6n 1

Julian Day Number = 3071027.5, Delta T = 02h36m31s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'11, Lahiri = 47°38'12

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

MARCH 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 42 5	11♓24'08	29♌13	22♓37	27♑13	12♒23	15♉14	18♑47	11♉29	11♊25	26°R14	20°R50	20♊10	6♍ 3	6♑30	T 1
F 2	10 46 2	12°24'55	11♍ 5	24°22	28°22	13° 7	15°24	18°52	11°31	11°25	26♍13	20♊35	20° 7	6° 9	6°34	F 2
S 3	10 49 58	13°25'41	22°59	26° 6	29°32	13°52	15°34	18°57	11°34	11°26	26°11	20°20	20° 4	6°16	6°39	S 3
S 4	10 53 55	14°26'27	4♎56	27°50	0♒41	14°37	15°44	19° 2	11°36	11°26	26°10	20° 6	20° 1	6°23	6°43	S 4
M 5	10 57 51	15°27'11	16°56	29°32	1°50	15°22	15°55	19° 7	11°38	11°27	26° 8	19°53	19°58	6°29	6°47	M 5
T 6	11 1 48	16°27'54	29° 3	1♈12	3° 0	16° 7	16° 5	19°12	11°40	11°27	26° 7	19°43	19°54	6°36	6°51	T 6
W 7	11 5 45	17°28'37	11♏18	2°51	4°10	16°52	16°16	19°17	11°42	11°28	26° 5	19°36	19°51	6°43	6°55	W 7
T 8	11 9 41	18°29'19	23°45	4°26	5°20	17°37	16°26	19°22	11°45	11°28	26° 4	19°32	19°48	6°50	6°58	T 8
F 9	11 13 38	19°29'59	6♐26	5°59	6°30	18°22	16°37	19°26	11°47	11°29	26° 2	19°31	19°45	6°56	7° 2	F 9
S 10	11 17 34	20°30'39	19°27	7°29	7°40	19° 7	16°48	19°31	11°50	11°30	26° 1	19°31	19°42	7° 3	7° 6	S 10
S 11	11 21 31	21°31'18	2♑50	8°54	8°50	19°52	16°59	19°36	11°52	11°30	25°59	19°30	19°39	7°10	7° 9	S 11
M12	11 25 27	22°31'56	16°39	10°14	10° 0	20°37	17°10	19°40	11°54	11°31	25°58	19°29	19°35	7°16	7°13	M12
T 13	11 29 24	23°32'33	0♒55	11°28	11°11	21°22	17°22	19°45	11°57	11°32	25°56	19°25	19°32	7°23	7°16	T 13
W14	11 33 20	24°33'09	15°37	12°36	12°21	22° 7	17°33	19°49	11°59	11°32	25°55	19°19	19°29	7°30	7°19	W14
T 15	11 37 17	25°33'43	0♓40	13°38	13°32	22°52	17°45	19°53	12° 2	11°33	25°53	19°10	19°26	7°37	7°23	T 15
F 16	11 41 14	26°34'16	15°56	14°31	14°42	23°38	17°56	19°57	12° 5	11°34	25°52	18°59	19°23	7°43	7°26	F 16
S 17	11 45 10	27°34'48	1♈13	15°17	15°53	24°23	18° 8	20° 1	12° 7	11°35	25°50	18°47	19°20	7°50	7°29	S 17
S 18	11 49 7	28°35'19	16°20	15°53	17° 4	25° 8	18°20	20° 5	12°10	11°36	25°49	18°36	19°16	7°57	7°32	S 18
M19	11 53 3	29°35'48	1♉ 7	16°20	18°15	25°53	18°31	20° 9	12°13	11°37	25°47	18°27	19°13	8° 3	7°34	M19
T 20	11 57 0	0♈36'15	15°27	16°37	19°26	26°39	18°43	20°13	12°15	11°38	25°46	18°21	19°10	8°10	7°37	T 20
W21	12 0 56	1°36'41	29°18	16°R45	20°37	27°24	18°55	20°17	12°18	11°39	25°44	18°17	19° 7	8°17	7°40	W21
T 22	12 4 53	2°37'05	12♊39	16°42	21°48	28°10	19° 7	20°21	12°21	11°40	25°43	18°D16	19° 4	8°24	7°42	T 22
F 23	12 8 49	3°37'27	25°33	16°30	22°59	28°55	19°20	20°24	12°24	11°41	25°41	18°16	19° 0	8°30	7°45	F 23
S 24	12 12 46	4°37'47	8♋ 5	16° 8	24°10	29°41	19°32	20°28	12°27	11°42	25°40	18°R16	18°57	8°37	7°47	S 24
S 25	12 16 43	5°38'05	20°19	15°37	25°22	0♓26	19°44	20°31	12°30	11°43	25°38	18°15	18°54	8°44	7°49	S 25
M26	12 20 39	6°38'22	2♌21	14°59	26°33	1°12	19°57	20°35	12°33	11°44	25°37	18°12	18°51	8°51	7°52	M26
T 27	12 24 36	7°38'36	14°16	14°13	27°44	1°57	20° 9	20°38	12°35	11°45	25°35	18° 7	18°48	8°57	7°54	T 27
W28	12 28 32	8°38'49	26° 7	13°21	28°56	2°43	20°22	20°41	12°38	11°47	25°34	17°58	18°45	9° 4	7°56	W28
T 29	12 32 29	9°39'00	7♍58	12°24	0♓ 7	3°28	20°34	20°44	12°41	11°48	25°32	17°47	18°41	9°11	7°57	T 29
F 30	12 36 25	10°39'09	19°51	11°25	1°19	4°14	20°47	20°47	12°44	11°49	25°31	17°35	18°38	9°17	7°59	F 30
S 31	12 40 22	11♈39'16	1♎49	10♈23	2♓31	5♓ 0	21♉ 0	20♑50	12♉47	11♊50	25♍29	17♊22	18♊35	9♍24	8♑ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s13	16n 0	4n39	4s 9	1s21	18s37	1n57	17s50	0s56	15n18	1s 0	20s59	0n56	14n40	0s30	20n23	1s34	12n31	12n 2	22n54	22n52	13n51	17s 3	6n 1
F 2	6 50	11 54	4 55	3 21	1 14	18 27	1 53	17 38	0 56	15 21	1 0	20 59	0 56	14 41	0 30	20 23	1 34	12 32	12 2	22 53	22 51	13 49	17 2	6 2
S 3	6 27	7 21	4 59	2 32	1 5	18 17	1 49	17 25	0 57	15 24	1 0	20 58	0 56	14 42	0 30	20 24	1 34	12 33	12 2	22 52	22 51	13 47	17 1	6 2
S 4	6 4	2 30	4 49	1 43	0 56	18 7	1 45	17 13	0 57	15 27	0 59	20 57	0 56	14 42	0 30	20 24	1 34	12 34	12 2	22 51	22 51	13 44	17 0	6 3
M 5	5 41	2s29	4 27	0 54	0 47	17 56	1 41	17 0	0 58	15 30	0 59	20 57	0 56	14 43	0 29	20 24	1 34	12 34	12 2	22 50	22 51	13 42	17 0	6 4
T 6	5 18	7 24	3 53	0 5	0 36	17 44	1 37	16 48	0 58	15 33	0 59	20 56	0 56	14 44	0 29	20 24	1 34	12 35	12 3	22 50	22 51	13 40	16 59	6 5
W 7	4 54	12 7	3 7	0n44	0 25	17 32	1 33	16 35	0 59	15 37	0 59	20 55	0 56	14 44	0 29	20 24	1 34	12 36	12 3	22 49	22 50	13 37	16 58	6 5
T 8	4 31	16 25	2 11	1 32	0 14	17 19	1 29	16 22	0 59	15 40	0 59	20 54	0 56	14 45	0 29	20 24	1 34	12 37	12 3	22 49	22 50	13 35	16 57	6 6
F 9	4 7	20 4	1 8	2 20	0 1	17 7	1 25	16 8	1 0	15 43	0 58	20 54	0 56	14 46	0 29	20 24	1 34	12 37	12 3	22 49	22 50	13 33	16 56	6 7
S 10	3 44	22 48	0 0	3 7	0n12	16 53	1 21	15 55	1 0	15 46	0 58	20 53	0 56	14 47	0 29	20 24	1 34	12 38	12 3	22 49	22 50	13 31	16 55	6 7
S 11	3 20	24 21	1s10	3 53	0 25	16 39	1 17	15 41	1 1	15 50	0 58	20 52	0 56	14 47	0 29	20 25	1 34	12 39	12 3	22 49	22 49	13 28	16 54	6 8
M12	2 56	24 29	2 18	4 37	0 39	16 25	1 13	15 28	1 1	15 53	0 58	20 52	0 56	14 48	0 29	20 25	1 34	12 39	12 3	22 49	22 49	13 26	16 53	6 9
T 13	2 32	23 1	3 20	5 19	0 53	16 10	1 9	15 14	1 2	15 56	0 58	20 51	0 56	14 49	0 29	20 25	1 34	12 40	12 3	22 48	22 49	13 24	16 53	6 9
W14	2 9	20 0	4 10	5 59	1 8	15 54	1 5	15 0	1 2	16 0	0 58	20 51	0 56	14 50	0 29	20 25	1 34	12 41	12 3	22 48	22 49	13 21	16 52	6 10
T 15	1 45	15 35	4 45	6 36	1 23	15 39	1 0	14 46	1 3	16 3	0 57	20 50	0 57	14 51	0 29	20 25	1 33	12 41	12 4	22 47	22 48	13 19	16 51	6 11
F 16	1 21	10 7	5 0	7 11	1 38	15 22	0 56	14 31	1 3	16 6	0 57	20 49	0 57	14 51	0 29	20 25	1 33	12 42	12 4	22 46	22 48	13 17	16 50	6 12
S 17	0 57	4 1	4 53	7 42	1 52	15 6	0 52	14 17	1 4	16 10	0 57	20 49	0 57	14 52	0 29	20 26	1 33	12 43	12 4	22 45	22 48	13 14	16 49	6 12
S 18	0 33	2n16	4 26	8 9	2 7	14 49	0 48	14 2	1 4	16 13	0 57	20 48	0 57	14 53	0 29	20 26	1 33	12 43	12 4	22 44	22 48	13 12	16 48	6 13
M19	0 10	8 17	3 42	8 32	2 21	14 31	0 44	13 47	1 5	16 16	0 57	20 48	0 57	14 54	0 29	20 26	1 33	12 44	12 4	22 44	22 47	13 9	16 47	6 14
T 20	0n14	13 42	2 44	8 51	2 34	14 13	0 40	13 33	1 5	16 20	0 56	20 47	0 57	14 55	0 29	20 26	1 33	12 45	12 4	22 43	22 47	13 7	16 46	6 15
W21	0 38	18 13	1 39	9 6	2 47	13 55	0 36	13 18	1 6	16 23	0 56	20 46	0 57	14 56	0 29	20 26	1 33	12 45	12 4	22 43	22 47	13 5	16 45	6 15
T 22	1 2	21 37	0 30	9 15	2 58	13 36	0 32	13 2	1 6	16 27	0 56	20 46	0 57	14 57	0 29	20 26	1 33	12 46	12 4	22 43	22 47	13 2	16 45	6 16
F 23	1 26	23 47	0n39	9 20	3 9	13 17	0 28	12 47	1 7	16 30	0 56	20 45	0 57	14 57	0 29	20 27	1 33	12 46	12 4	22 43	22 46	13 0	16 44	6 17
S 24	1 49	24 41	1 43	9 20	3 17	12 57	0 25	12 32	1 7	16 34	0 56	20 45	0 57	14 58	0 29	20 27	1 33	12 47	12 4	22 43	22 46	12 58	16 43	6 18
S 25	2 13	24 21	2 41	9 15	3 24	12 38	0 21	12 16	1 7	16 37	0 56	20 44	0 57	14 59	0 29	20 27	1 33	12 48	12 4	22 42	22 46	12 55	16 42	6 18
M26	2 37	22 53	3 31	9 4	3 30	12 17	0 17	12 1	1 8	16 40	0 55	20 44	0 57	15 0	0 29	20 27	1 33	12 48	12 4	22 42	22 46	12 53	16 41	6 19
T 27	3 0	20 25	4 11	8 50	3 33	11 57	0 13	11 45	1 8	16 44	0 55	20 43	0 57	15 1	0 29	20 27	1 33	12 49	12 4	22 42	22 45	12 50	16 40	6 20
W28	3 24	17 6	4 40	8 30	3 34	11 36	0 9	11 29	1 9	16 47	0 55	20 43	0 57	15 2	0 29	20 28	1 33	12 49	12 4	22 41	22 45	12 48	16 39	6 21
T 29	3 47	13 6	4 57	8 8	3 33	11 14	0 6	11 13	1 9	16 51	0 55	20 42	0 57	15 3	0 29	20 28	1 33	12 50	12 4	22 40	22 45	12 46	16 38	6 21
F 30	4 11	8 36	5 1	7 41	3 29	10 53	0 2	10 57	1 10	16 54	0 55	20 42	0 57	15 4	0 29	20 28	1 33	12 51	12 4	22 39	22 44	12 43	16 38	6 22
S 31	4n34	3n45	4n52	7n13	3n24	10s31	0s 2	10s41	1s10	16n58	0s55	20s41	0n57	15n 5	0s29	20n28	1s33	12n51	12n 4	22n38	22n44	12n41	16s37	6n23

Julian Day Number = 3071056.5, Delta T = 02h36m32s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'15, Lahiri = 47°38'16

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

APRIL 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 44 18	12♈39'21	13♎53	9°R22	3♓42	5♓45	21♉13	20♏53	12♉50	11♊52	25°R28	17°R 9	18♊32	9♍31	8♏ 2	S 1
M 2	12 48 15	13°39'25	26° 4	8♈21	4°54	6°31	21°26	20°55	12°54	11°53	25♍26	16♊59	18°29	9°38	8° 4	M 2
T 3	12 52 11	14°39'27	8♏22	7°23	6° 6	7°17	21°39	20°58	12°57	11°54	25°25	16°50	18°26	9°44	8° 5	T 3
W 4	12 56 8	15°39'27	20°50	6°29	7°18	8° 2	21°52	21° 0	13° 0	11°56	25°23	16°44	18°22	9°51	8° 7	W 4
T 5	13 0 5	16°39'26	3♐28	5°39	8°30	8°48	22° 5	21° 3	13° 3	11°57	25°22	16°41	18°19	9°58	8° 8	T 5
F 6	13 4 1	17°39'24	16°19	4°55	9°42	9°34	22°18	21° 5	13° 6	11°59	25°21	16°D40	18°16	10° 4	8° 9	F 6
S 7	13 7 58	18°39'19	29°24	4°16	10°54	10°20	22°31	21° 7	13° 9	12° 0	25°19	16°41	18°13	10°11	8°10	S 7
S 8	13 11 54	19°39'14	12♑47	3°43	12° 6	11° 6	22°44	21°10	13°13	12° 2	25°18	16°41	18°10	10°18	8°11	S 8
M 9	13 15 51	20°39'06	26°30	3°17	13°18	11°51	22°58	21°12	13°16	12° 3	25°17	16°R41	18° 6	10°25	8°11	M 9
T 10	13 19 47	21°38'58	10♒34	2°57	14°30	12°37	23°11	21°14	13°19	12° 5	25°15	16°40	18° 3	10°31	8°12	T 10
W11	13 23 44	22°38'47	24°58	2°43	15°42	13°23	23°25	21°15	13°22	12° 7	25°14	16°36	18° 0	10°38	8°13	W11
T 12	13 27 40	23°38'35	9♓40	2°36	16°54	14° 9	23°38	21°17	13°25	12° 8	25°13	16°30	17°57	10°45	8°13	T 12
F 13	13 31 37	24°38'21	24°34	2°D35	18° 7	14°55	23°52	21°19	13°29	12°10	25°11	16°23	17°54	10°52	8°14	F 13
S 14	13 35 34	25°38'06	9♈32	2°40	19°19	15°41	24° 5	21°20	13°32	12°11	25°10	16°14	17°51	10°58	8°14	S 14
S 15	13 39 30	26°37'48	24°25	2°50	20°31	16°27	24°19	21°22	13°35	12°13	25° 9	16° 7	17°47	11° 5	8°14	S 15
M16	13 43 27	27°37'29	9♉ 4	3° 6	21°44	17°13	24°33	21°23	13°39	12°15	25° 8	16° 0	17°44	11°12	8°R14	M16
T 17	13 47 23	28°37'08	23°23	3°27	22°56	17°59	24°46	21°24	13°42	12°17	25° 6	15°56	17°41	11°18	8°14	T 17
W18	13 51 20	29°36'45	7♊15	3°53	24° 8	18°45	25° 0	21°25	13°45	12°18	25° 5	15°54	17°38	11°25	8°14	W18
T 19	13 55 16	0♉36'20	20°41	4°24	25°21	19°31	25°14	21°27	13°49	12°20	25° 4	15°D54	17°35	11°32	8°14	T 19
F 20	13 59 13	1°35'53	3♋41	4°59	26°33	20°17	25°28	21°27	13°52	12°22	25° 3	15°55	17°32	11°39	8°13	F 20
S 21	14 3 9	2°35'23	16°19	5°38	27°46	21° 3	25°42	21°28	13°56	12°24	25° 2	15°56	17°28	11°45	8°13	S 21
S 22	14 7 6	3°34'52	28°37	6°20	28°58	21°49	25°56	21°29	13°59	12°26	25° 0	15°R57	17°25	11°52	8°13	S 22
M23	14 11 3	4°34'18	10♌42	7° 7	0♈11	22°36	26°10	21°30	14° 2	12°27	24°59	15°57	17°22	11°59	8°12	M23
T 24	14 14 59	5°33'41	22°38	7°56	1°23	23°22	26°24	21°30	14° 6	12°29	24°58	15°55	17°19	12° 5	8°11	T 24
W25	14 18 56	6°33'03	4♍30	8°49	2°36	24° 8	26°38	21°31	14° 9	12°31	24°57	15°52	17°16	12°12	8°10	W25
T 26	14 22 52	7°32'22	16°22	9°45	3°48	24°54	26°52	21°31	14°13	12°33	24°56	15°47	17°12	12°19	8°10	T 26
F 27	14 26 49	8°31'40	28°18	10°44	5° 1	25°40	27° 6	21°31	14°16	12°35	24°55	15°41	17° 9	12°26	8° 9	F 27
S 28	14 30 45	9°30'55	10♎21	11°46	6°14	26°26	27°20	21°31	14°19	12°37	24°54	15°34	17° 6	12°32	8° 7	S 28
S 29	14 34 42	10°30'08	22°33	12°50	7°26	27°12	27°34	21°R31	14°23	12°39	24°53	15°27	17° 3	12°39	8° 6	S 29
M30	14 38 38	11♉29'19	4♏55	13♈57	8♈39	27♓58	27♉48	21♏31	14♉26	12♊41	24♍52	15♊22	17♊ 0	12♍46	8♏ 5	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n57	1s16	4n30	6n42	3n17	10s 9	0s 5	10s25	1s10	17n 1	0s55	20s41	0n57	15n 6	0s29	20n29	1s33	12n52	12n 4	22n37	22n44	12n39	16s36	6n24
M 2	5 21	6 19	3 55	6 10	3 8	9 46	0 9	10 8	1 11	17 5	0 54	20 40	0 57	15 7	0 29	20 29	1 33	12 52	12 4	22 35	22 44	12 36	16 35	6 24
T 3	5 44	11 11	3 9	5 38	2 57	9 23	0 12	9 52	1 11	17 8	0 54	20 40	0 57	15 7	0 29	20 29	1 32	12 53	12 4	22 35	22 43	12 34	16 34	6 25
W 4	6 7	15 39	2 13	5 5	2 45	9 0	0 16	9 35	1 12	17 12	0 54	20 40	0 57	15 8	0 29	20 29	1 32	12 53	12 4	22 34	22 43	12 31	16 33	6 26
T 5	6 29	19 31	1 10	4 34	2 32	8 37	0 19	9 19	1 12	17 15	0 54	20 39	0 57	15 9	0 29	20 29	1 32	12 54	12 4	22 34	22 43	12 29	16 32	6 27
F 6	6 52	22 30	0 2	4 3	2 18	8 13	0 23	9 2	1 12	17 19	0 54	20 39	0 57	15 10	0 29	20 30	1 32	12 54	12 4	22 34	22 43	12 26	16 32	6 28
S 7	7 15	24 21	1s 8	3 35	2 4	7 49	0 26	8 45	1 13	17 22	0 54	20 38	0 57	15 11	0 29	20 30	1 32	12 55	12 4	22 34	22 42	12 24	16 31	6 28
S 8	7 37	24 51	2 15	3 8	1 49	7 25	0 29	8 28	1 13	17 25	0 54	20 38	0 57	15 12	0 29	20 30	1 32	12 55	12 4	22 34	22 42	12 22	16 30	6 29
M 9	8 0	23 53	3 16	2 43	1 34	7 0	0 32	8 11	1 13	17 29	0 53	20 38	0 57	15 13	0 29	20 30	1 32	12 56	12 3	22 34	22 42	12 19	16 29	6 30
T 10	8 22	21 24	4 8	2 21	1 18	6 36	0 36	7 54	1 14	17 32	0 53	20 37	0 57	15 14	0 29	20 31	1 32	12 56	12 3	22 34	22 41	12 17	16 28	6 31
W11	8 44	17 33	4 45	2 2	1 3	6 11	0 39	7 37	1 14	17 36	0 53	20 37	0 57	15 15	0 29	20 31	1 32	12 57	12 3	22 33	22 41	12 14	16 28	6 31
T 12	9 6	12 34	5 4	1 45	0 48	5 46	0 42	7 20	1 14	17 39	0 53	20 37	0 57	15 16	0 29	20 31	1 32	12 57	12 3	22 33	22 41	12 12	16 27	6 32
F 13	9 28	6 47	5 3	1 31	0 33	5 21	0 45	7 2	1 15	17 43	0 53	20 37	0 57	15 17	0 29	20 31	1 32	12 57	12 3	22 32	22 41	12 9	16 26	6 33
S 14	9 49	0 34	4 41	1 20	0 18	4 55	0 47	6 45	1 15	17 46	0 53	20 36	0 57	15 18	0 29	20 32	1 32	12 58	12 3	22 31	22 40	12 7	16 25	6 34
S 15	10 11	5n38	4 1	1 11	0 4	4 30	0 50	6 28	1 15	17 50	0 53	20 36	0 57	15 19	0 29	20 32	1 32	12 58	12 3	22 30	22 40	12 4	16 24	6 34
M16	10 32	11 28	3 5	1 5	0s 9	4 4	0 53	6 10	1 16	17 53	0 53	20 36	0 57	15 20	0 29	20 32	1 32	12 59	12 3	22 30	22 40	12 2	16 24	6 35
T 17	10 53	16 32	1 58	1 1	0 22	3 38	0 56	5 53	1 16	17 56	0 52	20 36	0 57	15 21	0 29	20 32	1 32	12 59	12 3	22 29	22 39	12 0	16 23	6 36
W18	11 14	20 34	0 46	1 0	0 35	3 12	0 58	5 35	1 16	18 0	0 52	20 35	0 57	15 22	0 29	20 33	1 32	12 59	12 2	22 29	22 39	11 57	16 22	6 37
T 19	11 35	23 20	0n26	1 1	0 47	2 46	1 1	5 17	1 17	18 3	0 52	20 35	0 57	15 23	0 29	20 33	1 32	13 0	12 2	22 29	22 39	11 55	16 21	6 38
F 20	11 55	24 45	1 35	1 4	0 58	2 20	1 3	5 0	1 17	18 7	0 52	20 35	0 57	15 24	0 29	20 33	1 32	13 0	12 2	22 29	22 39	11 52	16 21	6 38
S 21	12 16	24 50	2 37	1 10	1 9	1 53	1 6	4 42	1 17	18 10	0 52	20 35	0 57	15 25	0 29	20 34	1 32	13 0	12 2	22 29	22 38	11 50	16 20	6 39
S 22	12 36	23 41	3 30	1 17	1 19	1 27	1 8	4 24	1 18	18 13	0 52	20 35	0 57	15 26	0 29	20 34	1 32	13 1	12 2	22 29	22 38	11 47	16 19	6 40
M23	12 56	21 27	4 13	1 26	1 28	1 0	1 10	4 6	1 18	18 17	0 52	20 35	0 57	15 27	0 29	20 34	1 32	13 1	12 2	22 29	22 38	11 45	16 18	6 41
T 24	13 15	18 20	4 45	1 38	1 37	0 34	1 13	3 49	1 18	18 20	0 52	20 35	0 57	15 28	0 29	20 34	1 32	13 1	12 2	22 29	22 37	11 42	16 18	6 41
W25	13 35	14 29	5 4	1 51	1 46	0 7	1 15	3 31	1 18	18 23	0 52	20 34	0 57	15 29	0 29	20 35	1 32	13 1	12 1	22 29	22 37	11 40	16 17	6 42
T 26	13 54	10 6	5 10	2 5	1 54	0n20	1 17	3 13	1 19	18 27	0 51	20 34	0 57	15 30	0 28	20 35	1 32	13 2	12 1	22 28	22 37	11 37	16 16	6 43
F 27	14 13	5 18	5 2	2 21	2 1	0 46	1 19	2 55	1 19	18 30	0 51	20 34	0 57	15 31	0 28	20 35	1 32	13 2	12 1	22 28	22 36	11 35	16 16	6 44
S 28	14 32	0 16	4 42	2 39	2 8	1 13	1 21	2 37	1 19	18 33	0 51	20 34	0 57	15 32	0 28	20 35	1 32	13 2	12 1	22 27	22 36	11 32	16 15	6 44
S 29	14 50	4s51	4 8	2 58	2 14	1 40	1 22	2 19	1 19	18 36	0 51	20 34	0 58	15 33	0 28	20 36	1 31	13 2	12 1	22 26	22 36	11 30	16 14	6 45
M30	15n 9	9s52	3n22	3n19	2s19	2n 7	1s24	2s 1	1s20	18n40	0s51	20s34	0n58	15n34	0s28	20n36	1s31	13n 3	12n 0	22n26	22n36	11n27	16s14	6n46

Julian Day Number = 3071087.5, Delta T = 02h36m33s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'20, Lahiri = 47°38'20

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

MAY 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 42 35	12♉28'28	17♏29	15♈ 6	9♈52	28♓45	28♉ 2	21°R31	14♉30	12♊43	24°R51	15°R17	16♊57	12♍53	8°R 4	T 1
W 2	14 46 32	13°27'35	0♐14	16°17	11° 4	29°31	28°17	21♑31	14°33	12°45	24♍50	15♊15	16°53	12°59	8♑ 2	W 2
T 3	14 50 28	14°26'40	13°12	17°31	12°17	0♈17	28°31	21°31	14°37	12°47	24°49	15°D14	16°50	13° 6	8° 1	T 3
F 4	14 54 25	15°25'44	26°22	18°46	13°30	1° 3	28°45	21°30	14°40	12°49	24°49	15°14	16°47	13°13	7°59	F 4
S 5	14 58 21	16°24'46	9♑44	20° 4	14°43	1°49	29° 0	21°30	14°43	12°51	24°48	15°16	16°44	13°19	7°57	S 5
S 6	15 2 18	17°23'46	23°20	21°23	15°55	2°35	29°14	21°29	14°47	12°53	24°47	15°17	16°41	13°26	7°56	S 6
M 7	15 6 14	18°22'44	7♒ 8	22°45	17° 8	3°22	29°28	21°28	14°50	12°55	24°46	15°18	16°37	13°33	7°54	M 7
T 8	15 10 11	19°21'41	21°10	24° 8	18°21	4° 8	29°43	21°27	14°54	12°57	24°45	15°R19	16°34	13°40	7°52	T 8
W 9	15 14 7	20°20'36	5♓23	25°33	19°34	4°54	29°57	21°26	14°57	12°59	24°45	15°18	16°31	13°46	7°50	W 9
T 10	15 18 4	21°19'30	19°46	27° 0	20°47	5°40	0♊11	21°25	15° 1	13° 2	24°44	15°16	16°28	13°53	7°47	T 10
F 11	15 22 1	22°18'22	4♈16	28°29	22° 0	6°26	0°26	21°24	15° 4	13° 4	24°43	15°14	16°25	14° 0	7°45	F 11
S 12	15 25 57	23°17'12	18°46	29°59	23°13	7°13	0°40	21°23	15° 7	13° 6	24°42	15°11	16°22	14° 6	7°43	S 12
S 13	15 29 54	24°16'00	3♉12	1♉32	24°25	7°59	0°54	21°22	15°11	13° 8	24°42	15° 8	16°18	14°13	7°40	S 13
M14	15 33 50	25°14'47	17°28	3° 6	25°38	8°45	1° 9	21°20	15°14	13°10	24°41	15° 5	16°15	14°20	7°38	M14
T 15	15 37 47	26°13'32	1♊29	4°41	26°51	9°31	1°23	21°19	15°18	13°12	24°41	15° 4	16°12	14°27	7°35	T 15
W16	15 41 43	27°12'15	15°11	6°18	28° 4	10°17	1°38	21°17	15°21	13°15	24°40	15°D 3	16° 9	14°33	7°33	W16
T 17	15 45 40	28°10'56	28°32	7°57	29°17	11° 4	1°52	21°15	15°24	13°17	24°40	15° 4	16° 6	14°40	7°30	T 17
F 18	15 49 36	29° 9'36	11♋31	9°38	0♉30	11°50	2° 7	21°14	15°28	13°19	24°39	15° 5	16° 3	14°47	7°27	F 18
S 19	15 53 33	0♊ 8'13	24°10	11°20	1°43	12°36	2°21	21°12	15°31	13°21	24°39	15° 6	15°59	14°54	7°25	S 19
S 20	15 57 30	1° 6'48	6♌31	13° 4	2°56	13°22	2°36	21°10	15°34	13°23	24°38	15° 7	15°56	15° 0	7°22	S 20
M21	16 1 26	2° 5'21	18°39	14°50	4° 9	14° 8	2°50	21° 8	15°38	13°26	24°38	15° 8	15°53	15° 7	7°19	M21
T 22	16 5 23	3° 3'52	0♍38	16°37	5°22	14°54	3° 4	21° 5	15°41	13°28	24°37	15°R 9	15°50	15°14	7°16	T 22
W23	16 9 19	4° 2'20	12°31	18°27	6°35	15°41	3°19	21° 3	15°44	13°30	24°37	15° 9	15°47	15°20	7°12	W23
T 24	16 13 16	5° 0'47	24°25	20°17	7°48	16°27	3°33	21° 1	15°48	13°32	24°37	15° 8	15°43	15°27	7° 9	T 24
F 25	16 17 12	5°59'12	6♎22	22°10	9° 1	17°13	3°48	20°58	15°51	13°35	24°36	15° 7	15°40	15°34	7° 6	F 25
S 26	16 21 9	6°57'34	18°28	24° 4	10°14	17°59	4° 2	20°56	15°54	13°37	24°36	15° 6	15°37	15°41	7° 3	S 26
S 27	16 25 5	7°55'55	0♏46	26° 0	11°27	18°45	4°17	20°53	15°57	13°39	24°36	15° 5	15°34	15°47	6°59	S 27
M28	16 29 2	8°54'14	13°18	27°58	12°40	19°31	4°31	20°51	16° 1	13°41	24°36	15° 4	15°31	15°54	6°56	M28
T 29	16 32 59	9°52'31	26° 5	29°58	13°53	20°17	4°46	20°48	16° 4	13°44	24°35	15° 3	15°28	16° 1	6°52	T 29
W30	16 36 55	10°50'47	9♐10	1♊59	15° 6	21° 3	5° 0	20°45	16° 7	13°46	24°35	15°D 3	15°24	16° 8	6°49	W30
T 31	16 40 52	11♊49'00	22♐30	4♊ 1	16♉19	21♈49	5♊14	20♑42	16♉10	13♊48	24♍35	15♊ 3	15♊21	16♍14	6♑45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n26	14s34	2n26	3n40	2s24	2n33	1s26	1s43	1s20	18n43	0s51	20s34	0n58	15n35	0s28	20n36	1s31	13n 3	12n 0	22n25	22n35	11n25	16s13	6n46
W 2	15 44	18 42	1 21	4 3	2 29	3 0	1 27	1 25	1 20	18 46	0 51	20 34	0 58	15 36	0 28	20 37	1 31	13 3	12 0	22 25	22 35	11 22	16 12	6 47
T 3	16 2	22 0	0 11	4 28	2 32	3 27	1 29	1 7	1 20	18 49	0 51	20 34	0 58	15 37	0 28	20 37	1 31	13 3	12 0	22 25	22 35	11 20	16 12	6 48
F 4	16 19	24 11	1s 1	4 53	2 36	3 54	1 30	0 49	1 20	18 52	0 51	20 34	0 58	15 38	0 28	20 37	1 31	13 3	12 0	22 25	22 34	11 17	16 11	6 49
S 5	16 36	25 2	2 10	5 19	2 38	4 20	1 32	0 31	1 21	18 56	0 51	20 34	0 58	15 39	0 28	20 37	1 31	13 3	11 59	22 25	22 34	11 15	16 11	6 49
S 6	16 52	24 24	3 14	5 47	2 41	4 47	1 33	0 13	1 21	18 59	0 51	20 35	0 58	15 40	0 28	20 38	1 31	13 4	11 59	22 25	22 34	11 12	16 10	6 50
M 7	17 9	22 18	4 7	6 15	2 42	5 13	1 34	0n 5	1 21	19 2	0 50	20 35	0 58	15 41	0 28	20 38	1 31	13 4	11 59	22 25	22 33	11 9	16 9	6 51
T 8	17 25	18 50	4 47	6 44	2 43	5 40	1 35	0 23	1 21	19 5	0 50	20 35	0 58	15 42	0 28	20 38	1 31	13 4	11 59	22 25	22 33	11 7	16 9	6 51
W 9	17 40	14 15	5 9	7 15	2 44	6 6	1 36	0 41	1 21	19 8	0 50	20 35	0 58	15 43	0 28	20 39	1 31	13 4	11 59	22 25	22 33	11 4	16 8	6 52
T 10	17 56	8 49	5 13	7 45	2 44	6 32	1 37	0 59	1 21	19 11	0 50	20 35	0 58	15 44	0 28	20 39	1 31	13 4	11 58	22 25	22 32	11 2	16 8	6 53
F 11	18 11	2 52	4 57	8 17	2 44	6 59	1 38	1 17	1 21	19 14	0 50	20 35	0 58	15 45	0 28	20 39	1 31	13 4	11 58	22 25	22 32	10 59	16 7	6 53
S 12	18 26	3n15	4 22	8 49	2 43	7 25	1 39	1 35	1 22	19 17	0 50	20 35	0 58	15 46	0 28	20 39	1 31	13 4	11 58	22 24	22 32	10 57	16 7	6 54
S 13	18 40	9 10	3 30	9 22	2 41	7 50	1 39	1 53	1 22	19 20	0 50	20 36	0 58	15 47	0 28	20 40	1 31	13 4	11 58	22 24	22 31	10 54	16 6	6 55
M14	18 54	14 33	2 26	9 56	2 39	8 16	1 40	2 11	1 22	19 23	0 50	20 36	0 58	15 48	0 28	20 40	1 31	13 4	11 57	22 24	22 31	10 52	16 6	6 55
T 15	19 8	19 4	1 14	10 30	2 37	8 42	1 41	2 29	1 22	19 26	0 50	20 36	0 58	15 49	0 28	20 40	1 31	13 4	11 57	22 24	22 31	10 49	16 5	6 56
W16	19 21	22 25	0n 1	11 5	2 34	9 7	1 41	2 47	1 22	19 29	0 50	20 36	0 58	15 50	0 28	20 41	1 31	13 4	11 57	22 24	22 31	10 47	16 5	6 56
T 17	19 35	24 26	1 14	11 40	2 30	9 32	1 41	3 5	1 22	19 32	0 50	20 36	0 58	15 51	0 28	20 41	1 31	13 4	11 57	22 24	22 30	10 44	16 4	6 57
F 18	19 47	25 4	2 21	12 15	2 26	9 57	1 42	3 22	1 22	19 35	0 50	20 37	0 58	15 52	0 28	20 41	1 31	13 4	11 56	22 24	22 30	10 41	16 4	6 58
S 19	20 0	24 21	3 19	12 51	2 22	10 22	1 42	3 40	1 22	19 38	0 50	20 37	0 58	15 53	0 28	20 41	1 31	13 4	11 56	22 24	22 30	10 39	16 3	6 58
S 20	20 12	22 28	4 7	13 27	2 17	10 47	1 42	3 58	1 22	19 41	0 50	20 37	0 58	15 54	0 28	20 42	1 31	13 4	11 56	22 24	22 29	10 36	16 3	6 59
M21	20 23	19 35	4 43	14 3	2 11	11 11	1 42	4 16	1 22	19 44	0 49	20 38	0 58	15 55	0 28	20 42	1 31	13 4	11 56	22 24	22 29	10 34	16 3	6 59
T 22	20 35	15 55	5 6	14 39	2 5	11 35	1 42	4 33	1 22	19 46	0 49	20 38	0 58	15 56	0 28	20 42	1 31	13 4	11 55	22 24	22 29	10 31	16 2	7 0
W23	20 46	11 40	5 16	15 16	1 59	11 59	1 42	4 51	1 22	19 49	0 49	20 38	0 58	15 57	0 28	20 42	1 31	13 4	11 55	22 24	22 28	10 28	16 2	7 0
T 24	20 56	6 59	5 12	15 52	1 52	12 22	1 42	5 8	1 22	19 52	0 49	20 39	0 58	15 58	0 28	20 43	1 31	13 3	11 55	22 24	22 28	10 26	16 1	7 1
F 25	21 7	2 1	4 55	16 28	1 44	12 46	1 42	5 26	1 22	19 55	0 49	20 39	0 58	15 59	0 28	20 43	1 31	13 3	11 55	22 24	22 28	10 23	16 1	7 2
S 26	21 16	3s 6	4 24	17 4	1 37	13 9	1 41	5 43	1 22	19 57	0 49	20 39	0 58	16 0	0 28	20 43	1 31	13 3	11 54	22 24	22 27	10 21	16 1	7 2
S 27	21 26	8 10	3 41	17 39	1 28	13 32	1 41	6 1	1 22	20 0	0 49	20 40	0 58	16 1	0 28	20 44	1 31	13 3	11 54	22 24	22 27	10 18	16 0	7 3
M28	21 35	13 2	2 47	18 14	1 20	13 54	1 41	6 18	1 22	20 3	0 49	20 40	0 58	16 2	0 28	20 44	1 31	13 3	11 54	22 24	22 27	10 15	16 0	7 3
T 29	21 44	17 26	1 43	18 48	1 11	14 16	1 40	6 35	1 22	20 5	0 49	20 41	0 58	16 3	0 28	20 44	1 31	13 3	11 53	22 24	22 26	10 13	16 0	7 3
W30	21 52	21 5	0 33	19 22	1 2	14 38	1 39	6 52	1 22	20 8	0 49	20 41	0 58	16 3	0 28	20 44	1 31	13 3	11 53	22 24	22 26	10 10	15 59	7 4
T 31	22n 0	23s42	0s41	19n55	0s52	14n59	1s39	7n 9	1s22	20n11	0s49	20s42	0n58	16n 4	0s28	20n45	1s31	13n 2	11n53	22n24	22n26	10n 8	15s59	7n 4

Julian Day Number = 3071117.5, Delta T = 02h36m34s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'24, Lahiri = 47°38'24

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

JUNE 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 44 48	12♊47'13	6♑ 5	6♊ 6	17♉32	22♈35	5♊29	20°R39	16♉13	13♊50	24°R35	15♊ 3	15♊18	16♍21	6°R42	F 1
S 2	16 48 45	13°45'23	19°54	8°11	18°45	23°21	5°43	20♑36	16°17	13°53	24♍35	15° 4	15°15	16°28	6♑38	S 2
S 3	16 52 41	14°43'33	3♒52	10°18	19°58	24° 7	5°57	20°33	16°20	13°55	24°35	15°R 4	15°12	16°34	6°34	S 3
M 4	16 56 38	15°41'40	17°59	12°26	21°11	24°53	6°12	20°30	16°23	13°57	24°D35	15° 4	15° 9	16°41	6°31	M 4
T 5	17 0 34	16°39'47	2♓10	14°36	22°24	25°39	6°26	20°27	16°26	13°59	24°35	15° 4	15° 5	16°48	6°27	T 5
W 6	17 4 31	17°37'52	16°24	16°46	23°37	26°25	6°40	20°23	16°29	14° 2	24°35	15°D 3	15° 2	16°55	6°23	W 6
T 7	17 8 28	18°35'56	0♈38	18°56	24°50	27°11	6°55	20°20	16°32	14° 4	24°35	15° 4	14°59	17° 1	6°19	T 7
F 8	17 12 24	19°33'58	14°49	21° 8	26° 3	27°56	7° 9	20°16	16°35	14° 6	24°35	15° 4	14°56	17° 8	6°15	F 8
S 9	17 16 21	20°32'00	28°55	23°19	27°16	28°42	7°23	20°13	16°38	14° 8	24°35	15° 4	14°53	17°15	6°11	S 9
S 10	17 20 17	21°30'00	12♉53	25°30	28°29	29°28	7°37	20° 9	16°41	14°11	24°36	15° 5	14°49	17°21	6° 7	S 10
M11	17 24 14	22°27'59	26°41	27°41	29°43	0♉14	7°52	20° 6	16°44	14°13	24°36	15° 5	14°46	17°28	6° 3	M11
T 12	17 28 10	23°25'57	10♊16	29°51	0♊56	1° 0	8° 6	20° 2	16°47	14°15	24°36	15°R 6	14°43	17°35	5°59	T 12
W13	17 32 7	24°23'53	23°37	2♋ 0	2° 9	1°45	8°20	19°58	16°50	14°17	24°36	15° 6	14°40	17°42	5°55	W13
T 14	17 36 4	25°21'48	6♋42	4° 8	3°22	2°31	8°34	19°54	16°53	14°20	24°37	15° 5	14°37	17°48	5°51	T 14
F 15	17 40 0	26°19'42	19°32	6°14	4°35	3°17	8°48	19°51	16°55	14°22	24°37	15° 4	14°34	17°55	5°47	F 15
S 16	17 43 57	27°17'34	2♌ 6	8°19	5°48	4° 2	9° 2	19°47	16°58	14°24	24°37	15° 2	14°30	18° 2	5°43	S 16
S 17	17 47 53	28°15'24	14°25	10°21	7° 1	4°48	9°16	19°43	17° 1	14°26	24°38	15° 0	14°27	18° 9	5°39	S 17
M18	17 51 50	29°13'13	26°33	12°22	8°14	5°33	9°30	19°39	17° 4	14°28	24°38	14°59	14°24	18°15	5°34	M18
T 19	17 55 46	0♋11'01	8♍31	14°20	9°28	6°19	9°44	19°35	17° 7	14°31	24°38	14°57	14°21	18°22	5°30	T 19
W20	17 59 43	1° 8'47	20°25	16°15	10°41	7° 4	9°58	19°31	17° 9	14°33	24°39	14°56	14°18	18°29	5°26	W20
T 21	18 3 39	2° 6'31	2♎19	18° 9	11°54	7°50	10°12	19°26	17°12	14°35	24°39	14°D56	14°15	18°35	5°22	T 21
F 22	18 7 36	3° 4'14	14°16	19°59	13° 7	8°35	10°26	19°22	17°15	14°37	24°40	14°56	14°11	18°42	5°18	F 22
S 23	18 11 33	4° 1'55	26°22	21°47	14°20	9°21	10°40	19°18	17°17	14°39	24°40	14°57	14° 8	18°49	5°13	S 23
S 24	18 15 29	4°59'35	8♏41	23°32	15°33	10° 6	10°53	19°14	17°20	14°42	24°41	14°58	14° 5	18°56	5° 9	S 24
M25	18 19 26	5°57'14	21°18	25°14	16°47	10°51	11° 7	19°10	17°22	14°44	24°42	15° 0	14° 2	19° 2	5° 5	M25
T 26	18 23 22	6°54'52	4♐14	26°53	18° 0	11°37	11°21	19° 5	17°25	14°46	24°42	15° 1	13°59	19° 9	5° 1	T 26
W27	18 27 19	7°52'28	17°32	28°29	19°13	12°22	11°34	19° 1	17°27	14°48	24°43	15°R 1	13°55	19°16	4°57	W27
T 28	18 31 15	8°50'03	1♑12	0♌ 3	20°26	13° 7	11°48	18°57	17°30	14°50	24°44	15° 1	13°52	19°23	4°52	T 28
F 29	18 35 12	9°47'37	15°11	1°33	21°39	13°52	12° 2	18°52	17°32	14°52	24°44	14°59	13°49	19°29	4°48	F 29
S 30	18 39 8	10♋45'10	29♑27	3♌ 1	22♊53	14♉37	12♊15	18♑48	17♉34	14♊54	24♍45	14♊56	13♊46	19♍36	4♑44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 8	24s59	1s54	20n26	0s42	15n20	1s38	7n26	1s22	20n13	0s49	20s42	0n58	16n 5	0s28	20n45	1s31	13n 2	11n53	22n24	22n25	10n 5	15s59	7n 5
S 2	22 15	24 45	3 1	20 57	0 32	15 41	1 37	7 43	1 22	20 16	0 49	20 42	0 58	16 6	0 28	20 45	1 31	13 2	11 52	22 24	22 25	10 2	15 59	7 5
S 3	22 21	22 59	3 59	21 26	0 22	16 1	1 36	8 0	1 22	20 18	0 49	20 43	0 58	16 7	0 28	20 45	1 31	13 2	11 52	22 24	22 24	10 0	15 58	7 6
M 4	22 28	19 47	4 42	21 54	0 11	16 21	1 36	8 17	1 22	20 21	0 49	20 43	0 58	16 8	0 28	20 46	1 31	13 1	11 52	22 24	22 24	9 57	15 58	7 6
T 5	22 34	15 25	5 9	22 20	0 1	16 41	1 35	8 33	1 22	20 23	0 49	20 44	0 58	16 9	0 28	20 46	1 31	13 1	11 52	22 24	22 24	9 54	15 58	7 7
W 6	22 39	10 11	5 17	22 44	0n10	17 0	1 33	8 50	1 22	20 26	0 49	20 44	0 58	16 10	0 28	20 46	1 31	13 1	11 51	22 24	22 23	9 52	15 58	7 7
T 7	22 44	4 25	5 5	23 6	0 20	17 19	1 32	9 6	1 22	20 28	0 49	20 45	0 58	16 10	0 28	20 47	1 31	13 1	11 51	22 24	22 23	9 49	15 58	7 7
F 8	22 49	1n33	4 35	23 26	0 30	17 37	1 31	9 23	1 21	20 30	0 49	20 45	0 58	16 11	0 28	20 47	1 31	13 0	11 51	22 24	22 23	9 47	15 57	7 8
S 9	22 53	7 25	3 49	23 44	0 40	17 55	1 30	9 39	1 21	20 33	0 49	20 46	0 58	16 12	0 28	20 47	1 31	13 0	11 50	22 24	22 22	9 44	15 57	7 8
S 10	22 57	12 52	2 49	23 59	0 50	18 12	1 29	9 55	1 21	20 35	0 49	20 47	0 58	16 13	0 28	20 47	1 31	13 0	11 50	22 24	22 22	9 41	15 57	7 8
M11	23 1	17 37	1 40	24 12	1 0	18 29	1 27	10 11	1 21	20 37	0 49	20 47	0 57	16 14	0 28	20 48	1 31	12 59	11 50	22 24	22 22	9 39	15 57	7 9
T 12	23 4	21 21	0 27	24 22	1 9	18 45	1 26	10 27	1 21	20 40	0 49	20 48	0 57	16 15	0 28	20 48	1 31	12 59	11 50	22 24	22 21	9 36	15 57	7 9
W13	23 6	23 51	0n47	24 30	1 17	19 1	1 24	10 43	1 21	20 42	0 49	20 48	0 57	16 15	0 28	20 48	1 31	12 59	11 49	22 24	22 21	9 33	15 57	7 9
T 14	23 8	25 0	1 57	24 35	1 25	19 17	1 23	10 59	1 20	20 44	0 48	20 49	0 57	16 16	0 28	20 48	1 31	12 58	11 49	22 24	22 21	9 31	15 57	7 10
F 15	23 10	24 46	2 59	24 37	1 33	19 32	1 21	11 14	1 20	20 46	0 48	20 49	0 57	16 17	0 28	20 49	1 31	12 58	11 49	22 24	22 20	9 28	15 56	7 10
S 16	23 12	23 16	3 51	24 37	1 39	19 46	1 20	11 30	1 20	20 48	0 48	20 50	0 57	16 18	0 28	20 49	1 31	12 57	11 48	22 23	22 20	9 25	15 56	7 10
S 17	23 13	20 42	4 32	24 34	1 45	20 0	1 18	11 45	1 20	20 50	0 48	20 51	0 57	16 19	0 28	20 49	1 31	12 57	11 48	22 23	22 20	9 23	15 56	7 10
M18	23 13	17 15	4 59	24 29	1 51	20 14	1 16	12 0	1 20	20 53	0 48	20 51	0 57	16 19	0 28	20 49	1 31	12 57	11 48	22 23	22 19	9 20	15 56	7 10
T 19	23 13	13 9	5 14	24 22	1 55	20 26	1 14	12 15	1 19	20 55	0 48	20 52	0 57	16 20	0 28	20 50	1 31	12 56	11 48	22 23	22 19	9 17	15 56	7 11
W20	23 13	8 35	5 14	24 13	1 59	20 39	1 13	12 30	1 19	20 57	0 48	20 52	0 57	16 21	0 29	20 50	1 31	12 56	11 47	22 23	22 18	9 15	15 56	7 11
T 21	23 12	3 42	5 1	24 1	2 2	20 51	1 11	12 45	1 19	20 59	0 48	20 53	0 57	16 22	0 29	20 50	1 31	12 55	11 47	22 23	22 18	9 12	15 56	7 11
F 22	23 11	1s20	4 35	23 48	2 4	21 2	1 9	13 0	1 19	21 1	0 48	20 54	0 57	16 22	0 29	20 50	1 31	12 55	11 47	22 23	22 18	9 9	15 56	7 11
S 23	23 10	6 24	3 57	23 32	2 5	21 12	1 7	13 14	1 18	21 3	0 48	20 54	0 57	16 23	0 29	20 50	1 31	12 54	11 46	22 23	22 17	9 7	15 56	7 11
S 24	23 8	11 19	3 7	23 15	2 6	21 22	1 5	13 29	1 18	21 5	0 48	20 55	0 57	16 24	0 29	20 51	1 31	12 54	11 46	22 23	22 17	9 4	15 56	7 12
M25	23 5	15 53	2 7	22 57	2 5	21 32	1 3	13 43	1 18	21 6	0 48	20 56	0 57	16 24	0 29	20 51	1 31	12 53	11 46	22 23	22 17	9 1	15 56	7 12
T 26	23 3	19 50	0 59	22 37	2 4	21 41	1 1	13 57	1 17	21 8	0 48	20 56	0 57	16 25	0 29	20 51	1 31	12 53	11 46	22 23	22 16	8 58	15 56	7 12
W27	22 59	22 52	0s14	22 16	2 2	21 49	0 59	14 11	1 17	21 10	0 48	20 57	0 57	16 26	0 29	20 51	1 31	12 52	11 45	22 23	22 16	8 56	15 56	7 12
T 28	22 56	24 41	1 28	21 54	2 0	21 56	0 57	14 25	1 17	21 12	0 48	20 58	0 57	16 26	0 29	20 52	1 31	12 52	11 45	22 23	22 15	8 53	15 56	7 12
F 29	22 52	24 59	2 38	21 31	1 56	22 3	0 54	14 38	1 16	21 14	0 48	20 58	0 57	16 27	0 29	20 52	1 31	12 51	11 45	22 23	22 15	8 50	15 56	7 12
S 30	22n47	23s40	3s40	21n 7	1n52	22n10	0s52	14n52	1s16	21n16	0s48	20s59	0n57	16n28	0s29	20n52	1s31	12n51	11n45	22n23	22n15	8n48	15s56	7n12

Julian Day Number = 3071148.5, Delta T = 02h36m35s
Ecliptic obliquity = 23°13'18, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'28, Lahiri = 47°38'29

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

JULY 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 43 5	11♋42'43	13♒54	4♌25	24♊ 6	15♉22	12♊29	18°R43	17♉37	14♊56	24♍46	14°R52	13♊43	19♍43	4°R40	S 1
M 2	18 47 2	12°40'14	28°26	5°46	25°19	16° 7	12°42	18♉39	17°39	14°58	24°47	14♊48	13°40	19°49	4♉36	M 2
T 3	18 50 58	13°37'44	12♓58	7° 5	26°32	16°52	12°55	18°35	17°41	15° 0	24°48	14°45	13°36	19°56	4°32	T 3
W 4	18 54 55	14°35'14	27°23	8°20	27°45	17°37	13° 9	18°30	17°44	15° 2	24°48	14°43	13°33	20° 3	4°28	W 4
T 5	18 58 51	15°32'44	11♈39	9°32	28°59	18°22	13°22	18°26	17°46	15° 4	24°49	14°D42	13°30	20°10	4°24	T 5
F 6	19 2 48	16°30'12	25°43	10°40	0♋12	19° 7	13°35	18°21	17°48	15° 6	24°50	14°42	13°27	20°16	4°19	F 6
S 7	19 6 44	17°27'41	9♉33	11°46	1°25	19°51	13°48	18°17	17°50	15° 8	24°51	14°43	13°24	20°23	4°15	S 7
S 8	19 10 41	18°25'09	23° 9	12°47	2°39	20°36	14° 1	18°12	17°52	15°10	24°52	14°45	13°21	20°30	4°11	S 8
M 9	19 14 37	19°22'36	6♊33	13°46	3°52	21°21	14°14	18° 8	17°54	15°12	24°53	14°46	13°17	20°36	4° 7	M 9
T 10	19 18 34	20°20'03	19°43	14°41	5° 5	22° 5	14°27	18° 3	17°56	15°14	24°54	14°R46	13°14	20°43	4° 4	T 10
W11	19 22 31	21°17'29	2♋42	15°32	6°19	22°50	14°40	17°59	17°58	15°16	24°55	14°45	13°11	20°50	4° 0	W11
T 12	19 26 27	22°14'55	15°28	16°20	7°32	23°34	14°53	17°54	18° 0	15°18	24°56	14°41	13° 8	20°57	3°56	T 12
F 13	19 30 24	23°12'20	28° 2	17° 3	8°45	24°19	15° 6	17°50	18° 2	15°20	24°57	14°36	13° 5	21° 3	3°52	F 13
S 14	19 34 20	24° 9'45	10♌25	17°43	9°59	25° 3	15°19	17°46	18° 4	15°22	24°58	14°30	13° 1	21°10	3°48	S 14
S 15	19 38 17	25° 7'08	22°38	18°19	11°12	25°47	15°31	17°41	18° 6	15°24	25° 0	14°23	12°58	21°17	3°44	S 15
M16	19 42 13	26° 4'31	4♍41	18°51	12°25	26°32	15°44	17°37	18° 7	15°26	25° 1	14°15	12°55	21°24	3°41	M16
T 17	19 46 10	27° 1'54	16°38	19°18	13°39	27°16	15°57	17°32	18° 9	15°27	25° 2	14° 9	12°52	21°30	3°37	T 17
W18	19 50 7	27°59'15	28°30	19°41	14°52	28° 0	16° 9	17°28	18°11	15°29	25° 3	14° 3	12°49	21°37	3°34	W18
T 19	19 54 3	28°56'36	10♎22	20° 0	16° 6	28°44	16°21	17°24	18°12	15°31	25° 4	13°59	12°46	21°44	3°30	T 19
F 20	19 58 0	29°53'57	22°18	20°14	17°19	29°28	16°34	17°19	18°14	15°33	25° 6	13°57	12°42	21°50	3°27	F 20
S 21	20 1 56	0♌51'16	4♏22	20°23	18°32	0♊12	16°46	17°15	18°15	15°34	25° 7	13°D57	12°39	21°57	3°23	S 21
S 22	20 5 53	1°48'35	16°39	20°28	19°46	0°56	16°58	17°11	18°17	15°36	25° 8	13°58	12°36	22° 4	3°20	S 22
M23	20 9 49	2°45'54	29°14	20°R29	20°59	1°39	17°10	17° 7	18°18	15°38	25°10	13°59	12°33	22°11	3°16	M23
T 24	20 13 46	3°43'11	12♐12	20°24	22°13	2°23	17°22	17° 2	18°20	15°39	25°11	14°R 0	12°30	22°17	3°13	T 24
W25	20 17 42	4°40'29	25°35	20°16	23°26	3° 7	17°34	16°58	18°21	15°41	25°12	13°59	12°27	22°24	3°10	W25
T 26	20 21 39	5°37'46	9♑25	20° 2	24°40	3°50	17°46	16°54	18°22	15°43	25°14	13°57	12°23	22°31	3° 7	T 26
F 27	20 25 36	6°35'03	23°41	19°45	25°53	4°34	17°58	16°50	18°24	15°44	25°15	13°52	12°20	22°37	3° 4	F 27
S 28	20 29 32	7°32'19	8♒18	19°23	27° 7	5°17	18° 9	16°46	18°25	15°46	25°17	13°46	12°17	22°44	3° 1	S 28
S 29	20 33 29	8°29'35	23°10	18°58	28°20	6° 0	18°21	16°42	18°26	15°47	25°18	13°38	12°14	22°51	2°58	S 29
M30	20 37 25	9°26'51	8♓ 8	18°30	29°34	6°44	18°33	16°38	18°27	15°49	25°19	13°30	12°11	22°58	2°55	M30
T 31	20 41 22	10♌24'07	23♓ 3	17♌58	0♌47	7♊27	18♊44	16♑34	18♉28	15♊50	25♍21	13♊22	12♊ 7	23♍ 4	2♑52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n43	20s47	4s28	20n42	1n47	22n16	0s50	15n 5	1s16	21n17	0s48	21s 0	0n57	16n28	0s29	20n52	1s31	12n50	11n44	22n22	22n14	8n45	15s57	7n12
M 2	22 37	16 36	5 0	20 17	1 41	22 21	0 48	15 18	1 15	21 19	0 48	21 0	0 56	16 29	0 29	20 52	1 31	12 50	11 44	22 22	22 14	8 42	15 57	7 12
T 3	22 32	11 27	5 13	19 51	1 34	22 25	0 45	15 32	1 15	21 21	0 48	21 1	0 56	16 30	0 29	20 53	1 31	12 49	11 44	22 22	22 14	8 40	15 57	7 12
W 4	22 26	5 42	5 5	19 25	1 27	22 29	0 43	15 44	1 14	21 22	0 48	21 2	0 56	16 30	0 29	20 53	1 31	12 49	11 44	22 21	22 13	8 37	15 57	7 12
T 5	22 20	0n17	4 39	18 58	1 19	22 32	0 41	15 57	1 14	21 24	0 48	21 2	0 56	16 31	0 29	20 53	1 31	12 48	11 43	22 21	22 13	8 34	15 57	7 12
F 6	22 13	6 10	3 56	18 31	1 10	22 35	0 38	16 10	1 14	21 25	0 48	21 3	0 56	16 31	0 29	20 53	1 31	12 47	11 43	22 21	22 12	8 31	15 57	7 12
S 7	22 6	11 41	3 0	18 5	1 1	22 37	0 36	16 22	1 13	21 27	0 48	21 4	0 56	16 32	0 29	20 53	1 31	12 47	11 43	22 21	22 12	8 29	15 57	7 12
S 8	21 58	16 32	1 55	17 38	0 50	22 38	0 34	16 34	1 13	21 29	0 48	21 4	0 56	16 33	0 29	20 54	1 31	12 46	11 42	22 21	22 12	8 26	15 58	7 12
M 9	21 50	20 28	0 45	17 11	0 40	22 39	0 31	16 46	1 12	21 30	0 48	21 5	0 56	16 33	0 29	20 54	1 31	12 46	11 42	22 22	22 11	8 23	15 58	7 12
T 10	21 42	23 17	0n27	16 44	0 28	22 39	0 29	16 58	1 12	21 32	0 48	21 6	0 56	16 34	0 29	20 54	1 31	12 45	11 42	22 22	22 11	8 20	15 58	7 12
W11	21 33	24 48	1 36	16 18	0 16	22 38	0 26	17 10	1 11	21 33	0 48	21 6	0 56	16 34	0 29	20 54	1 31	12 44	11 42	22 21	22 10	8 18	15 58	7 12
T 12	21 24	24 58	2 39	15 52	0 4	22 37	0 24	17 21	1 11	21 34	0 48	21 7	0 56	16 35	0 29	20 54	1 31	12 44	11 42	22 21	22 10	8 15	15 58	7 12
F 13	21 15	23 51	3 33	15 26	0s 9	22 35	0 21	17 32	1 10	21 36	0 48	21 8	0 56	16 35	0 29	20 54	1 31	12 43	11 41	22 21	22 10	8 12	15 59	7 12
S 14	21 5	21 35	4 16	15 1	0 23	22 32	0 19	17 44	1 10	21 37	0 48	21 8	0 55	16 36	0 29	20 55	1 31	12 42	11 41	22 20	22 9	8 9	15 59	7 11
S 15	20 55	18 22	4 47	14 37	0 37	22 29	0 16	17 54	1 9	21 38	0 48	21 9	0 55	16 36	0 29	20 55	1 31	12 42	11 41	22 19	22 9	8 7	15 59	7 11
M16	20 45	14 26	5 4	14 13	0 52	22 25	0 14	18 5	1 9	21 40	0 48	21 10	0 55	16 37	0 29	20 55	1 32	12 41	11 41	22 18	22 9	8 4	15 59	7 11
T 17	20 34	9 58	5 8	13 51	1 7	22 20	0 11	18 16	1 8	21 41	0 48	21 10	0 55	16 37	0 29	20 55	1 32	12 40	11 40	22 17	22 8	8 1	16 0	7 11
W18	20 23	5 10	4 59	13 29	1 22	22 15	0 9	18 26	1 8	21 42	0 48	21 11	0 55	16 38	0 29	20 55	1 32	12 40	11 40	22 17	22 8	7 58	16 0	7 11
T 19	20 11	0 11	4 37	13 8	1 37	22 9	0 6	18 36	1 7	21 44	0 48	21 12	0 55	16 38	0 29	20 55	1 32	12 39	11 40	22 16	22 7	7 56	16 0	7 11
F 20	19 59	4s51	4 2	12 49	1 53	22 3	0 4	18 46	1 7	21 45	0 49	21 12	0 55	16 38	0 29	20 56	1 32	12 38	11 40	22 16	22 7	7 53	16 0	7 10
S 21	19 47	9 46	3 17	12 31	2 9	21 56	0 2	18 56	1 6	21 46	0 49	21 13	0 55	16 39	0 29	20 56	1 32	12 38	11 39	22 16	22 7	7 50	16 1	7 10
S 22	19 35	14 23	2 22	12 14	2 25	21 48	0n 1	19 5	1 5	21 47	0 49	21 13	0 55	16 39	0 29	20 56	1 32	12 37	11 39	22 16	22 6	7 47	16 1	7 10
M23	19 22	18 31	1 19	11 59	2 41	21 39	0 3	19 15	1 5	21 48	0 49	21 14	0 55	16 40	0 29	20 56	1 32	12 36	11 39	22 16	22 6	7 45	16 1	7 10
T 24	19 9	21 53	0 10	11 45	2 57	21 30	0 6	19 24	1 4	21 49	0 49	21 15	0 54	16 40	0 29	20 56	1 32	12 35	11 39	22 16	22 5	7 42	16 2	7 9
W25	18 55	24 11	1s 2	11 33	3 12	21 21	0 8	19 33	1 4	21 50	0 49	21 15	0 54	16 40	0 29	20 56	1 32	12 35	11 39	22 16	22 5	7 39	16 2	7 9
T 26	18 42	25 5	2 12	11 23	3 27	21 10	0 11	19 42	1 3	21 51	0 49	21 16	0 54	16 41	0 29	20 56	1 32	12 34	11 38	22 16	22 4	7 36	16 2	7 9
F 27	18 27	24 23	3 16	11 15	3 42	20 59	0 13	19 50	1 2	21 52	0 49	21 17	0 54	16 41	0 29	20 57	1 32	12 33	11 38	22 15	22 4	7 33	16 3	7 9
S 28	18 13	22 2	4 9	11 8	3 56	20 48	0 16	19 59	1 2	21 53	0 49	21 17	0 54	16 41	0 29	20 57	1 32	12 32	11 38	22 15	22 4	7 31	16 3	7 8
S 29	17 59	18 10	4 46	11 3	4 9	20 36	0 18	20 7	1 1	21 54	0 49	21 18	0 54	16 42	0 29	20 57	1 32	12 32	11 38	22 14	22 3	7 28	16 3	7 8
M30	17 44	13 8	5 4	11 0	4 21	20 23	0 20	20 15	1 0	21 55	0 49	21 18	0 54	16 42	0 29	20 57	1 32	12 31	11 38	22 13	22 3	7 25	16 4	7 8
T 31	17n28	7s20	5s 1	10n59	4s32	20n10	0n23	20n22	1s 0	21n56	0s49	21s19	0n54	16n42	0s29	20n57	1s32	12n30	11n38	22n12	22n 2	7n22	16s 4	7n 7

Julian Day Number = 3071178.5, Delta T = 02h36m35s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'32, Lahiri = 47°38'33

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

AUGUST 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 45 18	11♌21'23	7♈47	17°R24	2♌ 1	8♊10	18♊55	16°R30	18♉29	15♊52	25♍22	13°R16	12♊ 4	23♍11	2°R49	W 1
T 2	20 49 15	12°18'40	22°14	16♌48	3°15	8°53	19° 7	16♉27	18°30	15°53	25°24	13♊12	12° 1	23°18	2♉47	T 2
F 3	20 53 11	13°15'57	6♉21	16°11	4°28	9°36	19°18	16°23	18°31	15°55	25°26	13°11	11°58	23°25	2°44	F 3
S 4	20 57 8	14°13'14	20° 7	15°33	5°42	10°19	19°29	16°19	18°32	15°56	25°27	13°D11	11°55	23°31	2°41	S 4
S 5	21 1 5	15°10'31	3♊33	14°54	6°55	11° 1	19°40	16°16	18°33	15°57	25°29	13°11	11°52	23°38	2°39	S 5
M 6	21 5 1	16° 7'49	16°41	14°17	8° 9	11°44	19°51	16°12	18°34	15°59	25°30	13°R11	11°48	23°45	2°37	M 6
T 7	21 8 58	17° 5'08	29°33	13°40	9°23	12°27	20° 1	16° 8	18°35	16° 0	25°32	13°10	11°45	23°51	2°34	T 7
W 8	21 12 54	18° 2'26	12♋13	13° 5	10°37	13° 9	20°12	16° 5	18°35	16° 1	25°34	13° 7	11°42	23°58	2°32	W 8
T 9	21 16 51	18°59'45	24°42	12°33	11°50	13°52	20°23	16° 2	18°36	16° 3	25°35	13° 1	11°39	24° 5	2°30	T 9
F 10	21 20 47	19°57'05	7♌ 1	12° 4	13° 4	14°34	20°33	15°58	18°37	16° 4	25°37	12°52	11°36	24°12	2°28	F 10
S 11	21 24 44	20°54'24	19°12	11°39	14°18	15°16	20°43	15°55	18°37	16° 5	25°39	12°41	11°33	24°18	2°26	S 11
S 12	21 28 40	21°51'44	1♍16	11°17	15°31	15°58	20°54	15°52	18°38	16° 6	25°40	12°29	11°29	24°25	2°24	S 12
M13	21 32 37	22°49'04	13°14	11° 0	16°45	16°41	21° 4	15°49	18°38	16° 7	25°42	12°16	11°26	24°32	2°22	M13
T 14	21 36 34	23°46'24	25° 7	10°48	17°59	17°22	21°14	15°46	18°39	16° 8	25°44	12° 4	11°23	24°38	2°20	T 14
W15	21 40 30	24°43'45	6♎58	10°41	19°13	18° 4	21°24	15°43	18°39	16°10	25°46	11°54	11°20	24°45	2°19	W15
T 16	21 44 27	25°41'06	18°48	10°D40	20°27	18°46	21°33	15°40	18°39	16°11	25°47	11°46	11°17	24°52	2°17	T 16
F 17	21 48 23	26°38'27	0♏43	10°44	21°40	19°28	21°43	15°37	18°39	16°12	25°49	11°41	11°13	24°59	2°16	F 17
S 18	21 52 20	27°35'48	12°45	10°53	22°54	20° 9	21°53	15°34	18°40	16°13	25°51	11°38	11°10	25° 5	2°14	S 18
S 19	21 56 16	28°33'09	24°59	11° 9	24° 8	20°51	22° 2	15°32	18°40	16°14	25°53	11°D37	11° 7	25°12	2°13	S 19
M20	22 0 13	29°30'31	7♐31	11°31	25°22	21°32	22°11	15°29	18°40	16°15	25°54	11°R37	11° 4	25°19	2°12	M20
T 21	22 4 9	0♍27'53	20°25	11°58	26°36	22°13	22°21	15°26	18°40	16°15	25°56	11°37	11° 1	25°25	2°11	T 21
W22	22 8 6	1°25'15	3♑46	12°32	27°50	22°54	22°30	15°24	18°R40	16°16	25°58	11°36	10°58	25°32	2°10	W22
T 23	22 12 3	2°22'38	17°36	13°12	29° 4	23°35	22°39	15°22	18°40	16°17	26° 0	11°32	10°54	25°39	2° 9	T 23
F 24	22 15 59	3°20'01	1♒55	13°57	0♍18	24°16	22°48	15°19	18°40	16°18	26° 2	11°26	10°51	25°46	2° 8	F 24
S 25	22 19 56	4°17'25	16°41	14°48	1°32	24°57	22°56	15°17	18°40	16°19	26° 4	11°17	10°48	25°52	2° 7	S 25
S 26	22 23 52	5°14'49	1♓46	15°45	2°46	25°38	23° 5	15°15	18°40	16°20	26° 6	11° 7	10°45	25°59	2° 6	S 26
M27	22 27 49	6°12'14	17° 1	16°48	3°59	26°18	23°13	15°13	18°39	16°20	26° 7	10°56	10°42	26° 6	2° 6	M27
T 28	22 31 45	7° 9'40	2♈15	17°57	5°13	26°59	23°21	15°11	18°39	16°21	26° 9	10°46	10°39	26°12	2° 5	T 28
W29	22 35 42	8° 7'06	17°17	19°10	6°27	27°39	23°30	15°10	18°39	16°22	26°11	10°38	10°35	26°19	2° 5	W29
T 30	22 39 38	9° 4'34	1♉59	20°29	7°41	28°19	23°38	15° 8	18°38	16°22	26°13	10°33	10°32	26°26	2° 5	T 30
F 31	22 43 35	10♍ 2'02	16♉17	21♌53	8♍55	29♊ 0	23♊46	15♑ 6	18♉38	16♊23	26♍15	10♊29	10♊29	26♍33	2♑ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n13	1s12	4s38	11n 0	4s41	19n56	0n25	20n30	0s59	21n57	0s49	21s20	0n54	16n42	0s29	20n57	1s32	12n30	11n37	22n11	22n 2	7n19	16s 5	7n 7
T 2	16 57	4n54	3 57	11 3	4 50	19 42	0 27	20 37	0 58	21 58	0 49	21 20	0 53	16 43	0 29	20 57	1 32	12 29	11 37	22 11	22 2	7 17	16 5	7 7
F 3	16 41	10 37	3 3	11 7	4 56	19 27	0 29	20 44	0 57	21 59	0 49	21 21	0 53	16 43	0 29	20 57	1 32	12 28	11 37	22 10	22 1	7 14	16 5	7 6
S 4	16 25	15 41	2 0	11 13	5 2	19 11	0 32	20 51	0 57	22 0	0 49	21 21	0 53	16 43	0 29	20 58	1 32	12 27	11 37	22 10	22 1	7 11	16 6	7 6
S 5	16 8	19 50	0 51	11 20	5 5	18 55	0 34	20 58	0 56	22 1	0 49	21 22	0 53	16 43	0 29	20 58	1 32	12 26	11 37	22 11	22 0	7 8	16 6	7 6
M 6	15 51	22 52	0n19	11 29	5 7	18 39	0 36	21 5	0 55	22 1	0 49	21 22	0 53	16 44	0 29	20 58	1 32	12 26	11 37	22 11	22 0	7 5	16 7	7 5
T 7	15 34	24 39	1 26	11 39	5 7	18 22	0 38	21 11	0 54	22 2	0 49	21 23	0 53	16 44	0 29	20 58	1 32	12 25	11 36	22 10	21 59	7 3	16 7	7 5
W 8	15 17	25 7	2 28	11 50	5 6	18 4	0 40	21 17	0 54	22 3	0 49	21 23	0 53	16 44	0 29	20 58	1 32	12 24	11 36	22 10	21 59	7 0	16 7	7 4
T 9	15 0	24 18	3 22	12 2	5 3	17 46	0 42	21 23	0 53	22 3	0 49	21 24	0 53	16 44	0 29	20 58	1 32	12 23	11 36	22 9	21 59	6 57	16 8	7 4
F 10	14 42	22 18	4 5	12 14	4 58	17 27	0 45	21 29	0 52	22 4	0 49	21 25	0 52	16 44	0 29	20 58	1 32	12 23	11 36	22 8	21 58	6 54	16 8	7 4
S 11	14 24	19 19	4 37	12 27	4 52	17 8	0 47	21 34	0 51	22 5	0 49	21 25	0 52	16 44	0 29	20 58	1 32	12 22	11 36	22 7	21 58	6 51	16 9	7 3
S 12	14 6	15 32	4 56	12 40	4 44	16 49	0 49	21 39	0 50	22 5	0 49	21 26	0 52	16 45	0 29	20 58	1 33	12 21	11 36	22 5	21 57	6 49	16 9	7 3
M13	13 47	11 10	5 1	12 54	4 35	16 29	0 50	21 44	0 50	22 6	0 49	21 26	0 52	16 45	0 29	20 58	1 33	12 20	11 36	22 4	21 57	6 46	16 10	7 2
T 14	13 29	6 25	4 54	13 7	4 25	16 8	0 52	21 49	0 49	22 7	0 49	21 27	0 52	16 45	0 29	20 58	1 33	12 19	11 36	22 2	21 57	6 43	16 10	7 2
W15	13 10	1 27	4 33	13 20	4 13	15 47	0 54	21 54	0 48	22 7	0 50	21 27	0 52	16 45	0 29	20 58	1 33	12 19	11 35	22 1	21 56	6 40	16 11	7 1
T 16	12 51	3s34	4 1	13 32	4 1	15 26	0 56	21 58	0 47	22 8	0 50	21 27	0 52	16 45	0 29	20 58	1 33	12 18	11 35	22 0	21 56	6 37	16 11	7 1
F 17	12 31	8 31	3 19	13 44	3 48	15 4	0 58	22 2	0 46	22 8	0 50	21 28	0 51	16 45	0 29	20 59	1 33	12 17	11 35	21 59	21 55	6 34	16 12	7 1
S 18	12 12	13 12	2 27	13 54	3 34	14 42	0 59	22 6	0 45	22 9	0 50	21 28	0 51	16 45	0 29	20 59	1 33	12 16	11 35	21 59	21 55	6 32	16 12	7 0
S 19	11 52	17 26	1 27	14 4	3 19	14 19	1 1	22 10	0 44	22 9	0 50	21 29	0 51	16 45	0 29	20 59	1 33	12 15	11 35	21 58	21 54	6 29	16 13	7 0
M20	11 32	21 1	0 22	14 13	3 4	13 56	1 3	22 14	0 44	22 10	0 50	21 29	0 51	16 45	0 29	20 59	1 33	12 15	11 35	21 58	21 54	6 26	16 13	6 59
T 21	11 12	23 39	0s46	14 20	2 49	13 33	1 4	22 17	0 43	22 10	0 50	21 30	0 51	16 45	0 29	20 59	1 33	12 14	11 35	21 58	21 53	6 23	16 14	6 59
W22	10 52	25 4	1 54	14 26	2 33	13 9	1 6	22 20	0 42	22 11	0 50	21 30	0 51	16 45	0 29	20 59	1 33	12 13	11 35	21 58	21 53	6 20	16 14	6 58
T 23	10 32	25 1	2 58	14 31	2 17	12 45	1 7	22 23	0 41	22 11	0 50	21 31	0 51	16 45	0 29	20 59	1 33	12 12	11 35	21 58	21 53	6 17	16 15	6 58
F 24	10 12	23 20	3 52	14 33	2 1	12 20	1 9	22 26	0 40	22 12	0 50	21 31	0 50	16 45	0 29	20 59	1 33	12 11	11 35	21 57	21 52	6 14	16 15	6 57
S 25	9 51	20 2	4 33	14 34	1 45	11 56	1 10	22 29	0 39	22 12	0 50	21 31	0 50	16 45	0 29	20 59	1 33	12 11	11 35	21 56	21 52	6 12	16 16	6 57
S 26	9 30	15 22	4 56	14 33	1 29	11 31	1 11	22 31	0 38	22 12	0 50	21 32	0 50	16 45	0 30	20 59	1 33	12 10	11 35	21 54	21 51	6 9	16 16	6 56
M27	9 9	9 40	4 59	14 29	1 14	11 5	1 13	22 33	0 37	22 13	0 50	21 32	0 50	16 45	0 30	20 59	1 33	12 9	11 35	21 53	21 51	6 6	16 17	6 56
T 28	8 48	3 24	4 40	14 24	0 58	10 40	1 14	22 35	0 36	22 13	0 50	21 32	0 50	16 45	0 30	20 59	1 33	12 8	11 34	21 51	21 50	6 3	16 17	6 55
W29	8 27	3n 0	4 2	14 15	0 43	10 14	1 15	22 37	0 35	22 14	0 50	21 33	0 50	16 45	0 30	20 59	1 33	12 8	11 34	21 50	21 50	6 0	16 18	6 55
T 30	8 6	9 7	3 8	14 5	0 28	9 47	1 16	22 39	0 34	22 14	0 50	21 33	0 50	16 44	0 30	20 59	1 33	12 7	11 34	21 50	21 49	5 57	16 18	6 54
F 31	7n44	14n34	2s 4	13n52	0s14	9n21	1n17	22n40	0s33	22n14	0s51	21s33	0n49	16n44	0s30	20n59	1s33	12n 6	11n34	21n49	21n49	5n54	16s19	6n54

Julian Day Number = 3071209.5, Delta T = 02h36m36s
Ecliptic obliquity = 23°13'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'37, Lahiri = 47°38'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3696
geocentric

SEPTEMBER 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 47 32	10♍59'32	0♊ 8	23♌22	10♍ 9	29♊40	23♊53	15°R 5	18°R38	16♊23	26♍17	10°R28	10♊26	26♍39	2°R 4	S 1
S 2	22 51 28	11°57'03	13°33	24°56	11°24	0♋19	24° 1	15♂ 3	18♉37	16°24	26°19	10♊28	10°23	26°46	2°D 4	S 2
M 3	22 55 25	12°54'36	26°36	26°33	12°38	0°59	24° 8	15° 2	18°37	16°24	26°21	10°28	10°19	26°53	2♂ 4	M 3
T 4	22 59 21	13°52'09	9♋20	28°15	13°52	1°39	24°16	15° 0	18°36	16°25	26°23	10°26	10°16	27° 0	2° 4	T 4
W 5	23 3 18	14°49'44	21°48	0♍ 0	15° 6	2°18	24°23	14°59	18°35	16°25	26°25	10°22	10°13	27° 6	2° 5	W 5
T 6	23 7 14	15°47'20	4♌ 5	1°49	16°20	2°58	24°30	14°58	18°35	16°26	26°27	10°15	10°10	27°13	2° 5	T 6
F 7	23 11 11	16°44'57	16°13	3°41	17°34	3°37	24°37	14°57	18°34	16°26	26°29	10° 6	10° 7	27°20	2° 5	F 7
S 8	23 15 7	17°42'36	28°15	5°35	18°48	4°16	24°43	14°56	18°33	16°26	26°31	9°54	10° 4	27°26	2° 6	S 8
S 9	23 19 4	18°40'15	10♍11	7°31	20° 2	4°55	24°50	14°56	18°32	16°27	26°33	9°40	10° 0	27°33	2° 6	S 9
M10	23 23 1	19°37'56	22° 5	9°29	21°16	5°34	24°56	14°55	18°31	16°27	26°35	9°26	9°57	27°40	2° 7	M10
T 11	23 26 57	20°35'38	3♎56	11°28	22°31	6°12	25° 3	14°54	18°30	16°27	26°37	9°13	9°54	27°47	2° 8	T 11
W12	23 30 54	21°33'20	15°47	13°28	23°45	6°51	25° 9	14°54	18°29	16°27	26°39	9° 2	9°51	27°53	2° 9	W12
T 13	23 34 50	22°31'04	27°39	15°29	24°59	7°29	25°15	14°53	18°28	16°27	26°41	8°53	9°48	28° 0	2°10	T 13
F 14	23 38 47	23°28'49	9♏36	17°30	26°13	8° 8	25°20	14°53	18°27	16°28	26°43	8°47	9°44	28° 7	2°11	F 14
S 15	23 42 43	24°26'35	21°39	19°32	27°27	8°46	25°26	14°53	18°26	16°28	26°45	8°44	9°41	28°13	2°12	S 15
S 16	23 46 40	25°24'23	3♐54	21°33	28°42	9°24	25°31	14°53	18°25	16°28	26°47	8°D42	9°38	28°20	2°13	S 16
M17	23 50 36	26°22'11	16°25	23°33	29°56	10° 1	25°37	14°D53	18°24	16°R28	26°49	8°42	9°35	28°27	2°15	M17
T 18	23 54 33	27°20'00	29°15	25°33	1♑10	10°39	25°42	14°53	18°23	16°28	26°51	8°R43	9°32	28°34	2°16	T 18
W19	23 58 29	28°17'50	12♑31	27°33	2°24	11°16	25°46	14°53	18°21	16°28	26°53	8°42	9°29	28°40	2°18	W19
T 20	0 2 26	29°15'42	26°14	29°31	3°39	11°54	25°51	14°53	18°20	16°28	26°55	8°39	9°25	28°47	2°19	T 20
F 21	0 6 23	0♑13'34	10♒26	1♑28	4°53	12°31	25°56	14°54	18°19	16°28	26°57	8°34	9°22	28°54	2°21	F 21
S 22	0 10 19	1°11'28	25° 6	3°25	6° 7	13° 8	26° 0	14°54	18°17	16°27	26°59	8°27	9°19	29° 0	2°23	S 22
S 23	0 14 16	2° 9'23	10♓ 8	5°20	7°21	13°44	26° 4	14°55	18°16	16°27	27° 1	8°18	9°16	29° 7	2°25	S 23
M24	0 18 12	3° 7'19	25°25	7°14	8°36	14°21	26° 8	14°55	18°14	16°27	27° 3	8° 8	9°13	29°14	2°27	M24
T 25	0 22 9	4° 5'16	10♈44	9° 7	9°50	14°57	26°12	14°56	18°13	16°27	27° 5	7°59	9°10	29°21	2°29	T 25
W26	0 26 5	5° 3'15	25°55	10°58	11° 4	15°34	26°16	14°57	18°11	16°27	27° 7	7°52	9° 6	29°27	2°31	W26
T 27	0 30 2	6° 1'16	10♉49	12°49	12°18	16°10	26°19	14°58	18°10	16°26	27° 9	7°47	9° 3	29°34	2°33	T 27
F 28	0 33 58	6°59'18	25°17	14°38	13°33	16°46	26°23	14°59	18° 8	16°26	27°11	7°44	9° 0	29°41	2°36	F 28
S 29	0 37 55	7°57'23	9♊17	16°26	14°47	17°21	26°26	15° 0	18° 7	16°26	27°13	7°D44	8°57	29°47	2°38	S 29
S 30	0 41 52	8♎55'29	22♊49	18♎12	16♎ 1	17♋57	26♊28	15♂ 1	18♉ 5	16♊25	27♍15	7♊44	8♊54	29♍54	2♂41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n23	19n 6	0s54	13n36	0s 1	8n54	1n18	22n41	0s32	22n14	0s51	21s34	0n49	16n44	0s30	20n59	1s33	12n 5	11n34	21n49	21n49	5n52	16s19	6n53
S 2	7 1	22 29	0n16	13 17	0n12	8 27	1 19	22 42	0 31	22 15	0 51	21 34	0 49	16 44	0 30	20 59	1 34	12 4	11 34	21 49	21 48	5 49	16 20	6 53
M 3	6 39	24 35	1 24	12 56	0 25	8 0	1 20	22 43	0 30	22 15	0 51	21 34	0 49	16 44	0 30	20 59	1 34	12 4	11 34	21 49	21 48	5 46	16 20	6 52
T 4	6 17	25 20	2 26	12 32	0 36	7 32	1 21	22 44	0 29	22 15	0 51	21 35	0 49	16 44	0 30	20 59	1 34	12 3	11 34	21 49	21 47	5 43	16 21	6 52
W 5	5 55	24 46	3 20	12 6	0 47	7 4	1 21	22 45	0 28	22 15	0 51	21 35	0 49	16 43	0 30	20 59	1 34	12 2	11 34	21 48	21 47	5 40	16 21	6 51
T 6	5 33	23 0	4 3	11 37	0 56	6 37	1 22	22 45	0 27	22 16	0 51	21 35	0 49	16 43	0 30	20 59	1 34	12 1	11 34	21 47	21 46	5 37	16 22	6 51
F 7	5 11	20 12	4 35	11 5	1 5	6 8	1 23	22 45	0 25	22 16	0 51	21 35	0 48	16 43	0 30	20 59	1 34	12 0	11 34	21 46	21 46	5 34	16 22	6 50
S 8	4 49	16 34	4 54	10 31	1 13	5 40	1 23	22 45	0 24	22 16	0 51	21 36	0 48	16 43	0 30	20 59	1 34	12 0	11 34	21 44	21 45	5 31	16 23	6 49
S 9	4 27	12 18	5 0	9 55	1 21	5 12	1 24	22 45	0 23	22 16	0 51	21 36	0 48	16 43	0 30	20 59	1 34	11 59	11 34	21 42	21 45	5 28	16 23	6 49
M10	4 4	7 36	4 53	9 17	1 27	4 43	1 24	22 44	0 22	22 16	0 51	21 36	0 48	16 42	0 30	20 59	1 34	11 58	11 34	21 40	21 44	5 26	16 24	6 48
T 11	3 42	2 38	4 33	8 37	1 32	4 14	1 24	22 44	0 21	22 17	0 51	21 36	0 48	16 42	0 30	20 59	1 34	11 57	11 34	21 38	21 44	5 23	16 25	6 48
W12	3 19	2s26	4 1	7 55	1 36	3 46	1 25	22 43	0 20	22 17	0 51	21 37	0 48	16 42	0 30	20 59	1 34	11 57	11 34	21 36	21 44	5 20	16 25	6 47
T 13	2 57	7 27	3 19	7 12	1 40	3 17	1 25	22 42	0 19	22 17	0 51	21 37	0 47	16 42	0 30	20 59	1 34	11 56	11 34	21 35	21 43	5 17	16 26	6 47
F 14	2 34	12 13	2 28	6 28	1 42	2 48	1 25	22 41	0 17	22 17	0 52	21 37	0 47	16 41	0 30	20 59	1 34	11 55	11 34	21 34	21 43	5 14	16 26	6 46
S 15	2 11	16 35	1 29	5 42	1 44	2 18	1 25	22 40	0 16	22 17	0 52	21 37	0 47	16 41	0 30	20 59	1 34	11 54	11 35	21 33	21 42	5 11	16 27	6 46
S 16	1 49	20 19	0 25	4 56	1 45	1 49	1 25	22 39	0 15	22 17	0 52	21 37	0 47	16 41	0 30	20 59	1 34	11 54	11 35	21 33	21 42	5 8	16 27	6 45
M17	1 26	23 13	0s41	4 9	1 45	1 20	1 25	22 37	0 14	22 17	0 52	21 37	0 47	16 40	0 30	20 59	1 34	11 53	11 35	21 33	21 41	5 5	16 28	6 45
T 18	1 3	25 0	1 47	3 21	1 45	0 51	1 25	22 35	0 13	22 17	0 52	21 38	0 47	16 40	0 30	20 59	1 34	11 52	11 35	21 33	21 41	5 2	16 28	6 44
W19	0 40	25 27	2 49	2 33	1 43	0 21	1 25	22 34	0 11	22 17	0 52	21 38	0 47	16 40	0 30	20 59	1 34	11 52	11 35	21 33	21 40	4 59	16 29	6 44
T 20	0 17	24 23	3 44	1 45	1 41	0s 8	1 25	22 32	0 10	22 17	0 52	21 38	0 46	16 39	0 30	20 58	1 34	11 51	11 35	21 33	21 40	4 56	16 29	6 43
F 21	0s 5	21 45	4 27	0 56	1 39	0 38	1 24	22 30	0 9	22 18	0 52	21 38	0 46	16 39	0 30	20 58	1 35	11 50	11 35	21 32	21 39	4 54	16 30	6 42
S 22	0 28	17 40	4 55	0 8	1 36	1 7	1 24	22 27	0 8	22 18	0 52	21 38	0 46	16 38	0 30	20 58	1 35	11 49	11 35	21 31	21 39	4 51	16 30	6 42
S 23	0 51	12 22	5 3	0s41	1 33	1 37	1 24	22 25	0 6	22 18	0 52	21 38	0 46	16 38	0 30	20 58	1 35	11 49	11 35	21 29	21 38	4 48	16 31	6 41
M24	1 14	6 14	4 49	1 29	1 29	2 6	1 23	22 22	0 5	22 18	0 52	21 38	0 46	16 38	0 30	20 58	1 35	11 48	11 35	21 28	21 38	4 45	16 31	6 41
T 25	1 37	0n17	4 15	2 17	1 24	2 36	1 23	22 20	0 4	22 18	0 52	21 38	0 46	16 37	0 30	20 58	1 35	11 47	11 35	21 27	21 37	4 42	16 32	6 40
W26	1 59	6 46	3 23	3 5	1 20	3 5	1 22	22 17	0 2	22 18	0 53	21 38	0 45	16 37	0 30	20 58	1 35	11 47	11 35	21 25	21 37	4 39	16 32	6 40
T 27	2 22	12 44	2 18	3 52	1 14	3 34	1 21	22 14	0 1	22 18	0 53	21 38	0 45	16 36	0 30	20 58	1 35	11 46	11 36	21 25	21 36	4 36	16 33	6 39
F 28	2 45	17 51	1 6	4 39	1 9	4 4	1 21	22 11	0n 0	22 18	0 53	21 38	0 45	16 36	0 30	20 58	1 35	11 45	11 36	21 24	21 36	4 33	16 33	6 39
S 29	3 8	21 47	0n 8	5 26	1 3	4 33	1 20	22 8	0 2	22 18	0 53	21 38	0 45	16 35	0 30	20 58	1 35	11 45	11 36	21 24	21 35	4 30	16 34	6 38
S 30	3s30	24n21	1n20	6s12	0n57	5s 2	1n19	22n 5	0n 3	22n18	0s53	21s38	0n45	16n35	0s30	20n58	1s35	11n44	11n36	21n24	21n35	4n27	16s34	6n38

Julian Day Number = 3071240.5, Delta T = 02h36m37s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'41, Lahiri = 47°38'41

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

OCTOBER 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 45 48	9♎53'37	5♋55	19♎58	17♎16	18♋32	26♊31	15♑ 3	18°R 3	16°R25	27♍17	7°R45	8♊50	0♎ 1	2♑43	M 1
T 2	0 49 45	10°51'47	18°39	21°42	18°30	19° 8	26°34	15° 4	18♉ 1	16♊24	27°19	7♊45	8°47	0° 8	2°46	T 2
W 3	0 53 41	11°49'59	1♌ 5	23°25	19°44	19°43	26°36	15° 6	18° 0	16°24	27°21	7°43	8°44	0°14	2°49	W 3
T 4	0 57 38	12°48'12	13°17	25° 7	20°59	20°17	26°38	15° 7	17°58	16°23	27°22	7°39	8°41	0°21	2°51	T 4
F 5	1 1 34	13°46'28	25°19	26°48	22°13	20°52	26°40	15° 9	17°56	16°23	27°24	7°32	8°38	0°28	2°54	F 5
S 6	1 5 31	14°44'45	7♍15	28°27	23°27	21°26	26°42	15°11	17°54	16°22	27°26	7°24	8°35	0°34	2°57	S 6
S 7	1 9 27	15°43'04	19° 7	0♏ 6	24°42	22° 0	26°43	15°13	17°52	16°22	27°28	7°14	8°31	0°41	3° 0	S 7
M 8	1 13 24	16°41'25	0♎59	1°43	25°56	22°34	26°45	15°15	17°50	16°21	27°30	7° 4	8°28	0°48	3° 4	M 8
T 9	1 17 21	17°39'48	12°51	3°20	27°11	23° 8	26°46	15°17	17°48	16°20	27°32	6°55	8°25	0°54	3° 7	T 9
W10	1 21 17	18°38'13	24°45	4°55	28°25	23°41	26°47	15°19	17°46	16°20	27°34	6°47	8°22	1° 1	3°10	W10
T 11	1 25 14	19°36'39	6♏43	6°29	29°39	24°14	26°48	15°21	17°44	16°19	27°36	6°41	8°19	1° 8	3°14	T 11
F 12	1 29 10	20°35'07	18°47	8° 2	0♏54	24°47	26°48	15°24	17°42	16°18	27°38	6°37	8°16	1°15	3°17	F 12
S 13	1 33 7	21°33'37	0♐59	9°34	2° 8	25°20	26°48	15°26	17°40	16°17	27°40	6°D35	8°12	1°21	3°21	S 13
S 14	1 37 3	22°32'08	13°21	11° 5	3°23	25°53	26°R49	15°29	17°38	16°16	27°42	6°35	8° 9	1°28	3°24	S 14
M15	1 41 0	23°30'41	25°57	12°35	4°37	26°25	26°49	15°31	17°36	16°16	27°43	6°36	8° 6	1°35	3°28	M15
T 16	1 44 56	24°29'16	8♑50	14° 4	5°51	26°57	26°48	15°34	17°33	16°15	27°45	6°38	8° 3	1°41	3°32	T 16
W17	1 48 53	25°27'52	22° 3	15°32	7° 6	27°29	26°48	15°37	17°31	16°14	27°47	6°R39	8° 0	1°48	3°36	W17
T 18	1 52 49	26°26'30	5♒40	16°59	8°20	28° 0	26°47	15°40	17°29	16°13	27°49	6°38	7°56	1°55	3°40	T 18
F 19	1 56 46	27°25'09	19°41	18°24	9°35	28°31	26°46	15°43	17°27	16°12	27°51	6°36	7°53	2° 2	3°44	F 19
S 20	2 0 43	28°23'49	4♓ 6	19°49	10°49	29° 2	26°45	15°46	17°25	16°11	27°52	6°33	7°50	2° 8	3°48	S 20
S 21	2 4 39	29°22'32	18°53	21°12	12° 3	29°33	26°44	15°49	17°22	16°10	27°54	6°28	7°47	2°15	3°52	S 21
M22	2 8 36	0♏21'16	3♈54	22°35	13°18	0♌ 3	26°42	15°53	17°20	16° 9	27°56	6°23	7°44	2°22	3°56	M22
T 23	2 12 32	1°20'01	19° 2	23°56	14°32	0°33	26°41	15°56	17°18	16° 8	27°58	6°18	7°41	2°28	4° 1	T 23
W24	2 16 29	2°18'49	4♉ 7	25°16	15°47	1° 3	26°39	15°59	17°15	16° 7	27°59	6°13	7°37	2°35	4° 5	W24
T 25	2 20 25	3°17'38	18°59	26°34	17° 1	1°33	26°37	16° 3	17°13	16° 6	28° 1	6°11	7°34	2°42	4°10	T 25
F 26	2 24 22	4°16'30	3♊31	27°52	18°15	2° 2	26°35	16° 6	17°11	16° 4	28° 3	6°D10	7°31	2°49	4°14	F 26
S 27	2 28 18	5°15'24	17°37	29° 8	19°30	2°31	26°32	16°10	17° 8	16° 3	28° 4	6°10	7°28	2°55	4°19	S 27
S 28	2 32 15	6°14'19	1♋16	0♐22	20°44	3° 0	26°29	16°14	17° 6	16° 2	28° 6	6°12	7°25	3° 2	4°23	S 28
M29	2 36 12	7°13'17	14°29	1°35	21°59	3°28	26°27	16°18	17° 4	16° 1	28° 8	6°13	7°22	3° 9	4°28	M29
T 30	2 40 8	8°12'18	27°18	2°46	23°13	3°56	26°24	16°22	17° 1	16° 0	28° 9	6°14	7°18	3°15	4°33	T 30
W31	2 44 5	9♏11'20	9♌47	3♐56	24♏27	4♌24	26♊20	16♑26	16♉59	15♊58	28♍11	6°R15	7♊15	3♎22	4♑38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s53	25n30	2n25	6s57	0n51	5s31	1n18	22n 2	0n 4	22n18	0s53	21s38	0n45	16n34	0s30	20n58	1s35	11n43	11n36	21n24	21n34	4n24	16s34	6n37
T 2	4 16	25 15	3 21	7 42	0 44	6 0	1 17	21 58	0 6	22 18	0 53	21 38	0 45	16 34	0 30	20 58	1 35	11 43	11 36	21 24	21 34	4 21	16 35	6 37
W 3	4 38	23 44	4 6	8 26	0 38	6 29	1 16	21 55	0 7	22 18	0 53	21 38	0 44	16 33	0 30	20 57	1 35	11 42	11 36	21 24	21 34	4 18	16 35	6 36
T 4	5 1	21 8	4 39	9 9	0 31	6 58	1 15	21 51	0 9	22 18	0 53	21 38	0 44	16 33	0 30	20 57	1 35	11 41	11 37	21 23	21 33	4 15	16 36	6 36
F 5	5 23	17 39	4 59	9 52	0 24	7 26	1 14	21 47	0 10	22 18	0 53	21 38	0 44	16 32	0 30	20 57	1 35	11 41	11 37	21 22	21 33	4 13	16 36	6 35
S 6	5 46	13 30	5 6	10 34	0 17	7 55	1 12	21 43	0 12	22 18	0 53	21 38	0 44	16 32	0 30	20 57	1 35	11 40	11 37	21 21	21 32	4 10	16 37	6 35
S 7	6 8	8 52	4 59	11 16	0 9	8 23	1 11	21 40	0 13	22 18	0 53	21 38	0 44	16 31	0 30	20 57	1 35	11 40	11 37	21 19	21 32	4 7	16 37	6 34
M 8	6 30	3 54	4 40	11 56	0 2	8 51	1 10	21 36	0 15	22 18	0 53	21 38	0 44	16 31	0 30	20 57	1 35	11 39	11 37	21 18	21 31	4 4	16 38	6 34
T 9	6 52	1s12	4 8	12 36	0s 5	9 19	1 8	21 31	0 16	22 17	0 54	21 38	0 44	16 30	0 30	20 57	1 35	11 38	11 37	21 16	21 31	4 1	16 38	6 33
W10	7 14	6 18	3 26	13 15	0 13	9 46	1 7	21 27	0 18	22 17	0 54	21 38	0 43	16 30	0 30	20 57	1 35	11 38	11 38	21 15	21 30	3 58	16 38	6 33
T 11	7 36	11 12	2 34	13 53	0 21	10 14	1 5	21 23	0 19	22 17	0 54	21 38	0 43	16 29	0 30	20 57	1 35	11 37	11 38	21 14	21 30	3 55	16 39	6 32
F 12	7 58	15 44	1 35	14 30	0 28	10 41	1 4	21 19	0 21	22 17	0 54	21 38	0 43	16 28	0 30	20 56	1 35	11 37	11 38	21 13	21 29	3 52	16 39	6 32
S 13	8 20	19 41	0 30	15 7	0 36	11 8	1 2	21 15	0 22	22 17	0 54	21 38	0 43	16 28	0 30	20 56	1 36	11 36	11 38	21 13	21 29	3 49	16 40	6 31
S 14	8 42	22 48	0s37	15 42	0 43	11 35	1 0	21 10	0 24	22 17	0 54	21 37	0 43	16 27	0 30	20 56	1 36	11 36	11 38	21 13	21 28	3 46	16 40	6 31
M15	9 3	24 53	1 43	16 17	0 51	12 1	0 59	21 6	0 25	22 17	0 54	21 37	0 43	16 27	0 30	20 56	1 36	11 35	11 39	21 13	21 28	3 43	16 40	6 30
T 16	9 24	25 41	2 46	16 51	0 59	12 27	0 57	21 1	0 27	22 17	0 54	21 37	0 43	16 26	0 30	20 56	1 36	11 35	11 39	21 13	21 27	3 40	16 41	6 30
W17	9 46	25 5	3 42	17 24	1 6	12 53	0 55	20 57	0 29	22 17	0 54	21 37	0 42	16 25	0 30	20 56	1 36	11 34	11 39	21 13	21 27	3 37	16 41	6 30
T 18	10 7	22 59	4 27	17 56	1 14	13 19	0 53	20 52	0 30	22 17	0 54	21 37	0 42	16 25	0 30	20 56	1 36	11 33	11 39	21 13	21 26	3 34	16 41	6 29
F 19	10 28	19 29	4 57	18 27	1 21	13 44	0 51	20 48	0 32	22 17	0 54	21 37	0 42	16 24	0 30	20 56	1 36	11 33	11 39	21 13	21 26	3 31	16 42	6 29
S 20	10 48	14 44	5 10	18 57	1 29	14 9	0 49	20 43	0 34	22 17	0 54	21 36	0 42	16 24	0 30	20 55	1 36	11 33	11 40	21 12	21 25	3 28	16 42	6 28
S 21	11 9	9 1	5 3	19 26	1 36	14 34	0 47	20 38	0 35	22 17	0 54	21 36	0 42	16 23	0 30	20 55	1 36	11 32	11 40	21 12	21 25	3 25	16 42	6 28
M22	11 30	2 41	4 36	19 55	1 43	14 58	0 45	20 34	0 37	22 16	0 54	21 36	0 42	16 22	0 30	20 55	1 36	11 32	11 40	21 11	21 24	3 22	16 43	6 27
T 23	11 50	3n51	3 49	20 22	1 50	15 22	0 43	20 29	0 39	22 16	0 55	21 36	0 42	16 22	0 30	20 55	1 36	11 31	11 40	21 10	21 24	3 19	16 43	6 27
W24	12 10	10 10	2 46	20 48	1 57	15 45	0 41	20 24	0 41	22 16	0 55	21 35	0 41	16 21	0 30	20 55	1 36	11 31	11 41	21 9	21 23	3 16	16 43	6 27
T 25	12 30	15 49	1 33	21 13	2 4	16 8	0 39	20 19	0 42	22 16	0 55	21 35	0 41	16 20	0 30	20 55	1 36	11 30	11 41	21 9	21 22	3 13	16 44	6 26
F 26	12 50	20 26	0 15	21 37	2 10	16 31	0 37	20 15	0 44	22 16	0 55	21 35	0 41	16 20	0 30	20 55	1 36	11 30	11 41	21 8	21 22	3 10	16 44	6 26
S 27	13 9	23 41	1n 2	22 0	2 17	16 53	0 35	20 10	0 46	22 16	0 55	21 34	0 41	16 19	0 30	20 54	1 36	11 29	11 41	21 9	21 21	3 7	16 44	6 25
S 28	13 29	25 26	2 13	22 22	2 23	17 15	0 32	20 5	0 48	22 16	0 55	21 34	0 41	16 18	0 30	20 54	1 36	11 29	11 42	21 9	21 21	3 4	16 44	6 25
M29	13 48	25 40	3 15	22 43	2 29	17 37	0 30	20 0	0 50	22 16	0 55	21 34	0 41	16 18	0 30	20 54	1 36	11 29	11 42	21 9	21 20	3 1	16 45	6 25
T 30	14 7	24 30	4 4	23 3	2 34	17 58	0 28	19 56	0 51	22 16	0 55	21 33	0 41	16 17	0 30	20 54	1 36	11 28	11 42	21 9	21 20	2 58	16 45	6 24
W31	14s26	22n 9	4n41	23s22	2s40	18s18	0n25	19n51	0n53	22n15	0s55	21s33	0n40	16n16	0s30	20n54	1s36	11n28	11n43	21n 9	21n19	2n55	16s45	6n24

Julian Day Number = 3071270.5, Delta T = 02h36m38s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'45, Lahiri = 47°38'45

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

NOVEMBER 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 48 1	10♏10'25	21♌59	5♐ 4	25♏42	4♌51	26°R17	16♑30	16°R56	15°R57	28♍13	6°R14	7♊12	3♎29	4♑43	T 1
F 2	2 51 58	11° 9'31	4♍ 1	6° 9	26°56	5°18	26♊13	16°34	16♑54	15♊56	28°14	6♊12	7° 9	3°36	4°48	F 2
S 3	2 55 54	12° 8'40	15°55	7°13	28°11	5°44	26° 9	16°38	16°52	15°54	28°16	6°10	7° 6	3°42	4°53	S 3
S 4	2 59 51	13° 7'51	27°46	8°14	29°25	6°11	26° 5	16°43	16°49	15°53	28°17	6° 6	7° 2	3°49	4°58	S 4
M 5	3 3 47	14° 7'04	9♎38	9°12	0♐40	6°37	26° 1	16°47	16°47	15°52	28°19	6° 2	6°59	3°56	5° 3	M 5
T 6	3 7 44	15° 6'20	21°32	10° 7	1°54	7° 2	25°57	16°52	16°44	15°50	28°20	5°59	6°56	4° 2	5° 8	T 6
W 7	3 11 41	16° 5'37	3♏32	11° 0	3° 8	7°27	25°52	16°56	16°42	15°49	28°22	5°56	6°53	4° 9	5°13	W 7
T 8	3 15 37	17° 4'57	15°40	11°49	4°23	7°52	25°48	17° 1	16°40	15°48	28°23	5°53	6°50	4°16	5°19	T 8
F 9	3 19 34	18° 4'18	27°57	12°34	5°37	8°16	25°43	17° 5	16°37	15°46	28°25	5°52	6°47	4°22	5°24	F 9
S 10	3 23 30	19° 3'41	10♐23	13°15	6°52	8°40	25°38	17°10	16°35	15°45	28°26	5°D52	6°43	4°29	5°29	S 10
S 11	3 27 27	20° 3'07	23° 2	13°52	8° 6	9° 3	25°32	17°15	16°32	15°43	28°27	5°53	6°40	4°36	5°35	S 11
M12	3 31 23	21° 2'34	5♑53	14°23	9°21	9°26	25°27	17°20	16°30	15°42	28°29	5°54	6°37	4°43	5°40	M12
T 13	3 35 20	22° 2'03	18°58	14°49	10°35	9°49	25°21	17°25	16°27	15°40	28°30	5°55	6°34	4°49	5°46	T 13
W14	3 39 16	23° 1'33	2♒19	15° 9	11°49	10°11	25°16	17°30	16°25	15°39	28°31	5°56	6°31	4°56	5°52	W14
T 15	3 43 13	24° 1'05	15°57	15°23	13° 4	10°33	25°10	17°35	16°23	15°37	28°33	5°57	6°28	5° 3	5°57	T 15
F 16	3 47 10	25° 0'39	29°51	15°R29	14°18	10°54	25° 4	17°40	16°20	15°36	28°34	5°R57	6°24	5° 9	6° 3	F 16
S 17	3 51 6	26° 0'14	14♓ 3	15°28	15°33	11°15	24°58	17°46	16°18	15°34	28°35	5°57	6°21	5°16	6° 9	S 17
S 18	3 55 3	26°59'51	28°29	15°18	16°47	11°35	24°51	17°51	16°15	15°32	28°37	5°56	6°18	5°23	6°15	S 18
M19	3 58 59	27°59'30	13♈ 6	15° 0	18° 1	11°55	24°45	17°56	16°13	15°31	28°38	5°55	6°15	5°30	6°21	M19
T 20	4 2 56	28°59'10	27°50	14°33	19°16	12°14	24°38	18° 2	16°11	15°29	28°39	5°54	6°12	5°36	6°26	T 20
W21	4 6 52	29°58'52	12♉32	13°56	20°30	12°33	24°31	18° 7	16° 8	15°28	28°40	5°53	6° 8	5°43	6°32	W21
T 22	4 10 49	0♐58'36	27° 7	13°11	21°45	12°51	24°25	18°13	16° 6	15°26	28°41	5°53	6° 5	5°50	6°38	T 22
F 23	4 14 45	1°58'21	11♊29	12°17	22°59	13° 9	24°18	18°18	16° 4	15°24	28°42	5°D53	6° 2	5°56	6°44	F 23
S 24	4 18 42	2°58'09	25°31	11°15	24°13	13°26	24°11	18°24	16° 1	15°23	28°43	5°53	5°59	6° 3	6°51	S 24
S 25	4 22 39	3°57'59	9♋11	10° 6	25°28	13°43	24° 3	18°30	15°59	15°21	28°44	5°53	5°56	6°10	6°57	S 25
M26	4 26 35	4°57'50	22°27	8°52	26°42	13°59	23°56	18°35	15°57	15°19	28°45	5°53	5°53	6°16	7° 3	M26
T 27	4 30 32	5°57'44	5♌20	7°35	27°57	14°14	23°49	18°41	15°55	15°18	28°46	5°R54	5°49	6°23	7° 9	T 27
W28	4 34 28	6°57'40	17°53	6°17	29°11	14°29	23°41	18°47	15°52	15°16	28°47	5°53	5°46	6°30	7°15	W28
T 29	4 38 25	7°57'38	0♍ 9	5° 0	0♑25	14°43	23°34	18°53	15°50	15°14	28°48	5°53	5°43	6°37	7°21	T 29
F 30	4 42 21	8♐57'37	12♍12	3♐48	1♑40	14♌57	23♊26	18♑59	15♑48	15♊13	28♍49	5°D53	5♊40	6♎43	7♑28	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s44	18n51	5n 4	23s39	2s45	18s38	0n23	19n46	0n55	22n15	0s55	21s33	0n40	16n16	0s30	20n54	1s36	11n28	11n43	21n 9	21n19	2n52	16s45	6n23	T 1
F 2	15 2	14 49	5 14	23 56	2 50	18 58	0 21	19 42	0 57	22 15	0 55	21 32	0 40	16 15	0 30	20 53	1 36	11 27	11 43	21 9	21 18	2 49	16 45	6 23	F 2
S 3	15 20	10 16	5 9	24 11	2 54	19 17	0 18	19 37	0 59	22 15	0 55	21 32	0 40	16 14	0 30	20 53	1 36	11 27	11 44	21 8	21 18	2 46	16 46	6 23	S 3
S 4	15 38	5 21	4 52	24 25	2 58	19 35	0 16	19 33	1 1	22 15	0 55	21 32	0 40	16 14	0 30	20 53	1 36	11 26	11 44	21 8	21 17	2 43	16 46	6 22	S 4
M 5	15 56	0 14	4 22	24 37	3 2	19 53	0 13	19 28	1 3	22 15	0 55	21 31	0 40	16 13	0 30	20 53	1 36	11 26	11 44	21 7	21 17	2 40	16 46	6 22	M 5
T 6	16 13	4s55	3 40	24 49	3 5	20 11	0 11	19 24	1 5	22 15	0 55	21 31	0 40	16 12	0 30	20 53	1 36	11 26	11 44	21 7	21 16	2 37	16 46	6 22	T 6
W 7	16 30	9 56	2 49	24 59	3 7	20 28	0 8	19 19	1 7	22 14	0 55	21 30	0 40	16 12	0 30	20 53	1 36	11 26	11 45	21 6	21 16	2 34	16 46	6 21	W 7
T 8	16 47	14 38	1 49	25 8	3 9	20 44	0 6	19 15	1 9	22 14	0 55	21 30	0 39	16 11	0 30	20 52	1 36	11 25	11 45	21 6	21 15	2 31	16 46	6 21	T 8
F 9	17 4	18 49	0 44	25 15	3 11	21 0	0 3	19 11	1 11	22 14	0 55	21 29	0 39	16 10	0 30	20 52	1 36	11 25	11 45	21 5	21 15	2 28	16 46	6 21	F 9
S 10	17 20	22 13	0s25	25 21	3 11	21 15	0 1	19 7	1 13	22 14	0 55	21 29	0 39	16 10	0 30	20 52	1 36	11 25	11 46	21 5	21 14	2 25	16 47	6 20	S 10
S 11	17 36	24 36	1 33	25 25	3 11	21 30	0s 2	19 2	1 15	22 14	0 55	21 28	0 39	16 9	0 30	20 52	1 36	11 25	11 46	21 6	21 14	2 22	16 47	6 20	S 11
M12	17 51	25 44	2 38	25 28	3 10	21 44	0 5	18 58	1 18	22 13	0 55	21 28	0 39	16 8	0 30	20 52	1 37	11 24	11 46	21 6	21 13	2 19	16 47	6 20	M12
T 13	18 7	25 28	3 36	25 29	3 8	21 57	0 7	18 55	1 20	22 13	0 55	21 27	0 39	16 8	0 30	20 52	1 37	11 24	11 47	21 6	21 13	2 16	16 47	6 19	T 13
W14	18 22	23 45	4 24	25 29	3 6	22 10	0 10	18 51	1 22	22 13	0 55	21 27	0 39	16 7	0 30	20 51	1 37	11 24	11 47	21 6	21 12	2 13	16 47	6 19	W14
T 15	18 36	20 39	4 58	25 26	3 1	22 22	0 12	18 47	1 24	22 13	0 55	21 26	0 39	16 6	0 30	20 51	1 37	11 24	11 47	21 6	21 11	2 10	16 47	6 19	T 15
F 16	18 51	16 20	5 15	25 22	2 56	22 33	0 15	18 43	1 26	22 13	0 55	21 26	0 38	16 6	0 30	20 51	1 37	11 24	11 48	21 6	21 11	2 7	16 47	6 19	F 16
S 17	19 5	11 3	5 14	25 15	2 50	22 44	0 18	18 40	1 29	22 12	0 55	21 25	0 38	16 5	0 30	20 51	1 37	11 23	11 48	21 6	21 10	2 4	16 47	6 18	S 17
S 18	19 19	5 5	4 53	25 6	2 42	22 54	0 20	18 37	1 31	22 12	0 55	21 25	0 38	16 4	0 30	20 51	1 37	11 23	11 49	21 6	21 10	2 1	16 47	6 18	S 18
M19	19 32	1n15	4 13	24 54	2 32	23 4	0 23	18 33	1 33	22 12	0 55	21 24	0 38	16 4	0 30	20 50	1 37	11 23	11 49	21 6	21 9	1 58	16 47	6 18	M19
T 20	19 45	7 33	3 16	24 40	2 21	23 13	0 25	18 30	1 35	22 12	0 55	21 24	0 38	16 3	0 30	20 50	1 37	11 23	11 49	21 6	21 9	1 55	16 47	6 18	T 20
W21	19 58	13 27	2 6	24 23	2 8	23 21	0 28	18 27	1 38	22 12	0 55	21 23	0 38	16 2	0 30	20 50	1 37	11 23	11 50	21 6	21 8	1 52	16 47	6 17	W21
T 22	20 10	18 33	0 48	24 3	1 53	23 29	0 31	18 24	1 40	22 11	0 55	21 22	0 38	16 2	0 30	20 50	1 37	11 23	11 50	21 6	21 8	1 49	16 47	6 17	T 22
F 23	20 22	22 28	0n31	23 40	1 37	23 35	0 33	18 22	1 43	22 11	0 55	21 22	0 38	16 1	0 30	20 50	1 37	11 23	11 50	21 6	21 7	1 46	16 47	6 17	F 23
S 24	20 34	24 56	1 47	23 15	1 20	23 41	0 36	18 19	1 45	22 11	0 55	21 21	0 38	16 0	0 30	20 50	1 37	11 23	11 51	21 6	21 7	1 43	16 47	6 17	S 24
S 25	20 45	25 49	2 54	22 46	1 1	23 47	0 38	18 17	1 48	22 10	0 55	21 20	0 37	16 0	0 30	20 49	1 37	11 23	11 51	21 6	21 6	1 40	16 46	6 17	S 25
M26	20 56	25 10	3 51	22 16	0 41	23 52	0 41	18 14	1 50	22 10	0 55	21 20	0 37	15 59	0 30	20 49	1 37	11 23	11 52	21 6	21 5	1 37	16 46	6 16	M26
T 27	21 6	23 11	4 33	21 43	0 21	23 56	0 43	18 12	1 53	22 10	0 55	21 19	0 37	15 59	0 30	20 49	1 37	11 23	11 52	21 6	21 5	1 34	16 46	6 16	T 27
W28	21 17	20 7	5 2	21 10	0 0	23 59	0 46	18 11	1 55	22 10	0 55	21 18	0 37	15 58	0 30	20 49	1 37	11 22	11 52	21 6	21 4	1 31	16 46	6 16	W28
T 29	21 26	16 15	5 16	20 37	0n20	24 1	0 48	18 9	1 58	22 9	0 55	21 18	0 37	15 57	0 30	20 49	1 37	11 22	11 53	21 6	21 4	1 28	16 46	6 16	T 29
F 30	21s36	11n47	5n15	20s 4	0n40	24s 3	0s51	18n 7	2n 0	22n 9	0s55	21s17	0n37	15n57	0s30	20n48	1s37	11n22	11n53	21n 6	21n 3	1n25	16s46	6n16	F 30

Julian Day Number = 3071301.5, Delta T = 02h36m39s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'49, Lahiri = 47°38'50

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ASTRODIENST EPHEMERIS for the year 3696
geocentric

DECEMBER 3696 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 46 18	9♐57'39	24♍ 7	2°R41	2♑54	15♌10	23°R18	19♑ 5	15°R46	15°R11	28♍50	5♊54	5♊37	6♎50	7♑34	S 1
S 2	4 50 14	10°57'43	5♎58	1♐43	4° 9	15°22	23♊11	19°11	15♉44	15♊ 9	28°51	5°54	5°34	6°57	7°40	S 2
M 3	4 54 11	11°57'49	17°50	0°55	5°23	15°34	23° 3	19°17	15°42	15° 8	28°52	5°54	5°30	7° 3	7°47	M 3
T 4	4 58 8	12°57'57	29°47	0°17	6°37	15°45	22°55	19°23	15°39	15° 6	28°53	5°55	5°27	7°10	7°53	T 4
W 5	5 2 4	13°58'06	11♏53	29♏51	7°52	15°55	22°47	19°30	15°37	15° 4	28°53	5°56	5°24	7°17	8° 0	W 5
T 6	5 6 1	14°58'18	24°11	29°37	9° 6	16° 5	22°39	19°36	15°35	15° 3	28°54	5°57	5°21	7°23	8° 6	T 6
F 7	5 9 57	15°58'31	6♐41	29°D34	10°20	16°14	22°31	19°42	15°33	15° 1	28°55	5°R57	5°18	7°30	8°13	F 7
S 8	5 13 54	16°58'47	19°27	29°43	11°35	16°22	22°22	19°49	15°31	14°59	28°55	5°57	5°14	7°37	8°19	S 8
S 9	5 17 50	17°59'03	2♑27	0♐ 1	12°49	16°29	22°14	19°55	15°29	14°58	28°56	5°56	5°11	7°44	8°26	S 9
M10	5 21 47	18°59'22	15°42	0°29	14° 4	16°36	22° 6	20° 1	15°27	14°56	28°57	5°54	5° 8	7°50	8°32	M10
T 11	5 25 44	19°59'42	29°11	1° 6	15°18	16°42	21°58	20° 8	15°26	14°54	28°57	5°52	5° 5	7°57	8°39	T 11
W12	5 29 40	21° 0'03	12♒51	1°51	16°32	16°47	21°50	20°14	15°24	14°53	28°58	5°50	5° 2	8° 4	8°46	W12
T 13	5 33 37	22° 0'25	26°42	2°42	17°47	16°52	21°42	20°21	15°22	14°51	28°58	5°48	4°59	8°10	8°52	T 13
F 14	5 37 33	23° 0'49	10♓42	3°39	19° 1	16°55	21°33	20°28	15°20	14°49	28°59	5°47	4°55	8°17	8°59	F 14
S 15	5 41 30	24° 1'14	24°49	4°42	20°15	16°58	21°25	20°34	15°18	14°48	28°59	5°D47	4°52	8°24	9° 6	S 15
S 16	5 45 26	25° 1'40	9♈ 1	5°50	21°30	17° 0	21°17	20°41	15°17	14°46	29° 0	5°47	4°49	8°30	9°12	S 16
M17	5 49 23	26° 2'07	23°16	7° 1	22°44	17° 1	21° 9	20°48	15°15	14°44	29° 0	5°48	4°46	8°37	9°19	M17
T 18	5 53 19	27° 2'36	7♉32	8°15	23°58	17°R 2	21° 1	20°54	15°13	14°43	29° 1	5°50	4°43	8°44	9°26	T 18
W19	5 57 16	28° 3'06	21°45	9°33	25°12	17° 1	20°53	21° 1	15°12	14°41	29° 1	5°51	4°40	8°51	9°32	W19
T 20	6 1 13	29° 3'37	5♊53	10°53	26°27	17° 0	20°45	21° 8	15°10	14°39	29° 1	5°R52	4°36	8°57	9°39	T 20
F 21	6 5 9	0♑ 4'09	19°51	12°15	27°41	16°58	20°37	21°15	15° 9	14°38	29° 2	5°51	4°33	9° 4	9°46	F 21
S 22	6 9 6	1° 4'43	3♋36	13°39	28°55	16°55	20°29	21°21	15° 7	14°36	29° 2	5°49	4°30	9°11	9°53	S 22
S 23	6 13 2	2° 5'17	17° 5	15° 4	0♒ 9	16°51	20°21	21°28	15° 6	14°34	29° 2	5°46	4°27	9°17	9°59	S 23
M24	6 16 59	3° 5'54	0♌15	16°31	1°24	16°46	20°13	21°35	15° 4	14°33	29° 2	5°41	4°24	9°24	10° 6	M24
T 25	6 20 55	4° 6'31	13° 7	17°59	2°38	16°41	20° 6	21°42	15° 3	14°31	29° 2	5°37	4°20	9°31	10°13	T 25
W26	6 24 52	5° 7'11	25°41	19°27	3°52	16°34	19°58	21°49	15° 2	14°30	29° 3	5°32	4°17	9°37	10°20	W26
T 27	6 28 49	6° 7'51	7♍58	20°57	5° 6	16°27	19°50	21°56	15° 0	14°28	29° 3	5°28	4°14	9°44	10°27	T 27
F 28	6 32 45	7° 8'33	20° 2	22°27	6°20	16°19	19°43	22° 3	14°59	14°27	29° 3	5°25	4°11	9°51	10°33	F 28
S 29	6 36 42	8° 9'16	1♎58	23°57	7°35	16°10	19°36	22°10	14°58	14°25	29° 3	5°23	4° 8	9°58	10°40	S 29
S 30	6 40 38	9°10'01	13°49	25°28	8°49	16° 0	19°28	22°17	14°57	14°24	29°R 3	5°D23	4° 5	10° 4	10°47	S 30
M31	6 44 35	10♑10'47	25♎40	26♐59	10♒ 3	15♌49	19♊21	22♑24	14♉56	14♊22	29♍ 3	5♊24	4♊ 1	10♎11	10♑54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	6n56	5n 1	19s33	0n58	24s 4	0s53	18n 6	2n 3	22n 9	0s55	21s16	0n37	15n56	0s30	20n48	1s37	11n23	11n54	21n 6	21n 3	1n22	16s46	6n15
S 2	21 53	1 52	4 35	19 5	1 15	24 5	0 55	18 5	2 6	22 8	0 55	21 15	0 37	15 56	0 30	20 48	1 37	11 23	11 54	21 6	21 2	1 19	16 45	6 15
M 3	22 1	3s17	3 56	18 41	1 31	24 5	0 58	18 4	2 8	22 8	0 55	21 15	0 37	15 55	0 30	20 48	1 37	11 23	11 54	21 6	21 2	1 16	16 45	6 15
T 4	22 9	8 22	3 7	18 20	1 44	24 4	1 0	18 3	2 11	22 8	0 54	21 14	0 36	15 54	0 30	20 48	1 37	11 23	11 55	21 6	21 1	1 13	16 45	6 15
W 5	22 16	13 12	2 9	18 3	1 56	24 2	1 2	18 3	2 14	22 7	0 54	21 13	0 36	15 54	0 30	20 48	1 37	11 23	11 55	21 6	21 1	1 10	16 45	6 15
T 6	22 23	17 36	1 5	17 51	2 5	23 59	1 5	18 3	2 16	22 7	0 54	21 12	0 36	15 53	0 30	20 47	1 37	11 23	11 56	21 6	21 0	1 7	16 45	6 15
F 7	22 29	21 18	0s 4	17 43	2 12	23 56	1 7	18 3	2 19	22 7	0 54	21 12	0 36	15 53	0 30	20 47	1 37	11 23	11 56	21 6	20 59	1 4	16 44	6 15
S 8	22 35	24 2	1 14	17 39	2 18	23 52	1 9	18 3	2 22	22 6	0 54	21 11	0 36	15 52	0 30	20 47	1 37	11 23	11 56	21 6	20 59	1 0	16 44	6 15
S 9	22 41	25 33	2 22	17 39	2 22	23 48	1 11	18 3	2 25	22 6	0 54	21 10	0 36	15 52	0 30	20 47	1 37	11 23	11 57	21 6	20 58	0 57	16 44	6 14
M10	22 46	25 40	3 23	17 43	2 24	23 42	1 13	18 4	2 28	22 6	0 54	21 9	0 36	15 51	0 30	20 47	1 37	11 23	11 57	21 6	20 58	0 54	16 43	6 14
T 11	22 51	24 16	4 13	17 49	2 25	23 36	1 15	18 5	2 30	22 5	0 54	21 8	0 36	15 51	0 29	20 46	1 37	11 23	11 58	21 5	20 57	0 51	16 43	6 14
W12	22 55	21 27	4 51	17 59	2 25	23 29	1 17	18 6	2 33	22 5	0 54	21 7	0 36	15 50	0 29	20 46	1 37	11 24	11 58	21 5	20 57	0 48	16 43	6 14
T 13	22 59	17 23	5 12	18 10	2 23	23 22	1 19	18 7	2 36	22 4	0 54	21 7	0 36	15 50	0 29	20 46	1 37	11 24	11 59	21 5	20 56	0 45	16 42	6 14
F 14	23 2	12 20	5 14	18 23	2 21	23 14	1 21	18 9	2 39	22 4	0 53	21 6	0 36	15 49	0 29	20 46	1 37	11 24	11 59	21 5	20 55	0 42	16 42	6 14
S 15	23 5	6 37	4 58	18 38	2 17	23 5	1 23	18 11	2 42	22 4	0 53	21 5	0 35	15 49	0 29	20 46	1 37	11 24	11 59	21 5	20 55	0 39	16 42	6 14
S 16	23 8	0 31	4 24	18 54	2 13	22 55	1 25	18 13	2 45	22 3	0 53	21 4	0 35	15 48	0 29	20 46	1 37	11 24	12 0	21 5	20 54	0 36	16 41	6 14
M17	23 10	5n39	3 34	19 10	2 9	22 45	1 27	18 16	2 48	22 3	0 53	21 3	0 35	15 48	0 29	20 45	1 37	11 25	12 0	21 5	20 54	0 33	16 41	6 14
T 18	23 11	11 32	2 30	19 27	2 3	22 34	1 29	18 18	2 51	22 2	0 53	21 2	0 35	15 47	0 29	20 45	1 37	11 25	12 1	21 5	20 53	0 30	16 40	6 14
W19	23 12	16 48	1 17	19 45	1 57	22 23	1 30	18 21	2 54	22 2	0 53	21 1	0 35	15 47	0 29	20 45	1 37	11 25	12 1	21 5	20 53	0 27	16 40	6 14
T 20	23 13	21 6	0n 0	20 2	1 51	22 11	1 32	18 25	2 57	22 2	0 53	21 0	0 35	15 46	0 29	20 45	1 37	11 25	12 2	21 5	20 52	0 24	16 40	6 14
F 21	23 13	24 6	1 16	20 20	1 45	21 58	1 33	18 28	3 0	22 1	0 52	20 59	0 35	15 46	0 29	20 45	1 37	11 26	12 2	21 5	20 51	0 21	16 39	6 14
S 22	23 13	25 37	2 27	20 37	1 38	21 44	1 35	18 32	3 3	22 1	0 52	20 58	0 35	15 45	0 29	20 45	1 37	11 26	12 2	21 5	20 51	0 18	16 39	6 14
S 23	23 12	25 34	3 27	20 53	1 31	21 30	1 36	18 36	3 6	22 0	0 52	20 57	0 35	15 45	0 29	20 44	1 37	11 26	12 3	21 4	20 50	0 15	16 38	6 14
M24	23 11	24 4	4 15	21 9	1 24	21 15	1 38	18 40	3 9	22 0	0 52	20 56	0 35	15 45	0 29	20 44	1 36	11 27	12 3	21 4	20 50	0 12	16 38	6 14
T 25	23 10	21 21	4 49	21 25	1 16	21 0	1 39	18 45	3 12	22 0	0 52	20 55	0 35	15 44	0 29	20 44	1 36	11 27	12 4	21 3	20 49	0 8	16 37	6 14
W26	23 7	17 41	5 8	21 40	1 9	20 44	1 40	18 49	3 15	21 59	0 52	20 54	0 34	15 44	0 29	20 44	1 36	11 27	12 4	21 2	20 49	0 5	16 37	6 14
T 27	23 5	13 20	5 12	21 54	1 1	20 28	1 42	18 54	3 18	21 59	0 51	20 53	0 34	15 44	0 29	20 44	1 36	11 28	12 5	21 1	20 48	0 2	16 36	6 14
F 28	23 2	8 33	5 3	22 7	0 54	20 11	1 43	19 0	3 21	21 59	0 51	20 52	0 34	15 43	0 29	20 44	1 36	11 28	12 5	21 1	20 47	0s 1	16 35	6 14
S 29	22 58	3 31	4 40	22 19	0 46	19 53	1 44	19 5	3 24	21 58	0 51	20 51	0 34	15 43	0 29	20 44	1 36	11 28	12 5	21 0	20 47	0 4	16 35	6 14
S 30	22 55	1s38	4 5	22 30	0 39	19 35	1 45	19 11	3 27	21 58	0 51	20 50	0 34	15 43	0 29	20 43	1 36	11 29	12 6	21 0	20 46	0 7	16 34	6 14
M31	22s50	6s43	3n20	22s40	0n31	19s16	1s46	19n17	3n29	21n57	0s51	20s49	0n34	15n42	0s29	20n43	1s36	11n29	12n 6	21n 1	20n46	0s10	16s34	6n14

Julian Day Number = 3071331.5, Delta T = 02h36m40s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'53, Lahiri = 47°38'54

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

JANUARY 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 48 31	11♑11'34	7♏38	28♐31	11♒17	15°R38	19°R14	22♑31	14°R55	14°R21	29°R 3	5♊26	3♊58	10♎18	11♑ 1	T 1
W 2	6 52 28	12°12'23	19°46	0♑ 3	12°31	15♌25	19♊ 7	22°38	14♉54	14♊19	29♍ 3	5°28	3°55	10°24	11° 7	W 2
T 3	6 56 24	13°13'13	2♐ 9	1°35	13°45	15°12	19° 0	22°45	14°53	14°18	29° 2	5°R29	3°52	10°31	11°14	T 3
F 4	7 0 21	14°14'04	14°50	3° 7	14°59	14°58	18°54	22°52	14°52	14°16	29° 2	5°28	3°49	10°38	11°21	F 4
S 5	7 4 18	15°14'56	27°51	4°39	16°13	14°43	18°47	22°59	14°51	14°15	29° 2	5°26	3°46	10°44	11°28	S 5
S 6	7 8 14	16°15'50	11♑13	6°12	17°27	14°28	18°41	23° 6	14°50	14°14	29° 2	5°22	3°42	10°51	11°35	S 6
M 7	7 12 11	17°16'44	24°54	7°44	18°41	14°11	18°34	23°14	14°49	14°12	29° 2	5°16	3°39	10°58	11°41	M 7
T 8	7 16 7	18°17'39	8♒51	9°17	19°55	13°54	18°28	23°21	14°49	14°11	29° 1	5° 9	3°36	11° 5	11°48	T 8
W 9	7 20 4	19°18'35	23° 1	10°50	21° 9	13°36	18°22	23°28	14°48	14°10	29° 1	5° 1	3°33	11°11	11°55	W 9
T 10	7 24 0	20°19'31	7♓17	12°23	22°23	13°18	18°16	23°35	14°47	14° 8	29° 1	4°54	3°30	11°18	12° 2	T 10
F 11	7 27 57	21°20'28	21°35	13°56	23°37	12°59	18°11	23°42	14°47	14° 7	29° 0	4°49	3°26	11°25	12° 8	F 11
S 12	7 31 53	22°21'25	5♈51	15°30	24°51	12°39	18° 5	23°49	14°46	14° 6	29° 0	4°46	3°23	11°31	12°15	S 12
S 13	7 35 50	23°22'23	20° 2	17° 3	26° 5	12°19	18° 0	23°56	14°46	14° 4	29° 0	4°D44	3°20	11°38	12°22	S 13
M14	7 39 47	24°23'21	4♉ 7	18°37	27°19	11°58	17°55	24° 4	14°45	14° 3	28°59	4°45	3°17	11°45	12°28	M14
T 15	7 43 43	25°24'19	18° 3	20°10	28°32	11°37	17°50	24°11	14°45	14° 2	28°59	4°46	3°14	11°51	12°35	T 15
W16	7 47 40	26°25'18	1♊52	21°44	29°46	11°15	17°45	24°18	14°45	14° 1	28°58	4°R46	3°11	11°58	12°42	W16
T 17	7 51 36	27°26'17	15°32	23°18	1♓ 0	10°53	17°40	24°25	14°44	14° 0	28°58	4°46	3° 7	12° 5	12°48	T 17
F 18	7 55 33	28°27'16	29° 2	24°53	2°13	10°30	17°36	24°32	14°44	13°59	28°57	4°43	3° 4	12°11	12°55	F 18
S 19	7 59 29	29°28'16	12♋23	26°27	3°27	10° 7	17°32	24°39	14°44	13°58	28°56	4°38	3° 1	12°18	13° 2	S 19
S 20	8 3 26	0♒29'16	25°31	28° 2	4°41	9°44	17°27	24°46	14°44	13°57	28°56	4°30	2°58	12°25	13° 8	S 20
M21	8 7 23	1°30'16	8♌27	29°37	5°54	9°21	17°24	24°53	14°44	13°56	28°55	4°20	2°55	12°32	13°15	M21
T 22	8 11 19	2°31'17	21° 9	1♒12	7° 8	8°58	17°20	25° 1	14°D44	13°55	28°54	4° 9	2°52	12°38	13°21	T 22
W23	8 15 16	3°32'18	3♍36	2°48	8°21	8°34	17°16	25° 8	14°44	13°54	28°54	3°58	2°48	12°45	13°28	W23
T 24	8 19 12	4°33'20	15°51	4°23	9°35	8°10	17°13	25°15	14°44	13°53	28°53	3°47	2°45	12°52	13°34	T 24
F 25	8 23 9	5°34'22	27°53	6° 0	10°48	7°46	17°10	25°22	14°44	13°52	28°52	3°39	2°42	12°58	13°41	F 25
S 26	8 27 5	6°35'24	9♎48	7°36	12° 1	7°23	17° 7	25°29	14°44	13°51	28°51	3°33	2°39	13° 5	13°47	S 26
S 27	8 31 2	7°36'27	21°37	9°13	13°14	6°59	17° 4	25°36	14°45	13°50	28°51	3°29	2°36	13°12	13°54	S 27
M28	8 34 58	8°37'30	3♏27	10°50	14°28	6°35	17° 2	25°43	14°45	13°49	28°50	3°27	2°32	13°18	14° 0	M28
T 29	8 38 55	9°38'34	15°23	12°27	15°41	6°12	16°59	25°50	14°45	13°48	28°49	3°D27	2°29	13°25	14° 6	T 29
W30	8 42 51	10°39'38	27°29	14° 5	16°54	5°49	16°57	25°57	14°46	13°48	28°48	3°R28	2°26	13°32	14°12	W30
T 31	8 46 48	11♒40'43	9♐51	15♒43	18♓ 7	5♌26	16♊55	26♑ 4	14♉46	13♊47	28♍47	3♊28	2♊23	13♎38	14♑19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s45	11s38	2n26	22s49	0n24	18s56	1s46	19n23	3n32	21n57	0s51	20s48	0n34	15n42	0s29	20n43	1s36	11n30	12n 7	21n 1	20n45	0s13	16s33	6n14
W 2	22 40	16 10	1 25	22 57	0 16	18 37	1 47	19 30	3 35	21 57	0 50	20 47	0 34	15 42	0 29	20 43	1 36	11 30	12 7	21 1	20 44	0 16	16 32	6 15
T 3	22 34	20 6	0 18	23 4	0 9	18 16	1 48	19 36	3 38	21 56	0 50	20 46	0 34	15 42	0 29	20 43	1 36	11 30	12 8	21 1	20 44	0 19	16 32	6 15
F 4	22 28	23 12	0s51	23 9	0 2	17 55	1 48	19 43	3 41	21 56	0 50	20 45	0 34	15 41	0 29	20 43	1 36	11 31	12 8	21 1	20 43	0 22	16 31	6 15
S 5	22 22	25 11	1 59	23 14	0s 5	17 34	1 49	19 50	3 43	21 56	0 50	20 44	0 34	15 41	0 29	20 43	1 36	11 31	12 8	21 1	20 43	0 25	16 30	6 15
S 6	22 15	25 46	3 1	23 17	0 13	17 12	1 49	19 57	3 46	21 55	0 50	20 43	0 34	15 41	0 29	20 42	1 36	11 32	12 9	21 0	20 42	0 28	16 30	6 15
M 7	22 7	24 49	3 56	23 19	0 20	16 50	1 50	20 4	3 49	21 55	0 49	20 42	0 34	15 41	0 29	20 42	1 36	11 32	12 9	20 59	20 41	0 31	16 29	6 15
T 8	21 59	22 20	4 37	23 20	0 26	16 27	1 50	20 12	3 51	21 55	0 49	20 40	0 33	15 41	0 29	20 42	1 36	11 33	12 10	20 58	20 41	0 35	16 28	6 15
W 9	21 51	18 28	5 1	23 20	0 33	16 4	1 50	20 19	3 54	21 54	0 49	20 39	0 33	15 40	0 29	20 42	1 36	11 33	12 10	20 56	20 40	0 38	16 28	6 15
T 10	21 42	13 31	5 8	23 19	0 40	15 40	1 50	20 27	3 56	21 54	0 49	20 38	0 33	15 40	0 29	20 42	1 36	11 34	12 10	20 55	20 40	0 41	16 27	6 16
F 11	21 33	7 50	4 55	23 16	0 46	15 16	1 50	20 35	3 59	21 54	0 48	20 37	0 33	15 40	0 29	20 42	1 36	11 34	12 11	20 54	20 39	0 44	16 26	6 16
S 12	21 23	1 45	4 24	23 12	0 52	14 51	1 50	20 43	4 1	21 54	0 48	20 36	0 33	15 40	0 29	20 42	1 36	11 35	12 11	20 54	20 39	0 47	16 25	6 16
S 13	21 13	4n24	3 37	23 7	0 58	14 27	1 50	20 50	4 3	21 53	0 48	20 35	0 33	15 40	0 29	20 42	1 36	11 35	12 12	20 53	20 38	0 50	16 25	6 16
M14	21 3	10 18	2 37	23 0	1 4	14 1	1 50	20 58	4 5	21 53	0 48	20 34	0 33	15 40	0 29	20 42	1 36	11 36	12 12	20 54	20 37	0 53	16 24	6 16
T 15	20 52	15 38	1 29	22 52	1 10	13 36	1 50	21 6	4 7	21 53	0 48	20 32	0 33	15 40	0 29	20 41	1 36	11 36	12 13	20 54	20 37	0 56	16 23	6 17
W16	20 41	20 5	0 16	22 43	1 15	13 10	1 49	21 14	4 9	21 53	0 47	20 31	0 33	15 40	0 28	20 41	1 36	11 37	12 13	20 54	20 36	0 59	16 22	6 17
T 17	20 29	23 24	0n57	22 33	1 21	12 43	1 49	21 22	4 11	21 52	0 47	20 30	0 33	15 40	0 28	20 41	1 36	11 38	12 13	20 54	20 36	1 2	16 21	6 17
F 18	20 17	25 20	2 6	22 22	1 26	12 17	1 48	21 30	4 13	21 52	0 47	20 29	0 33	15 40	0 28	20 41	1 36	11 38	12 14	20 53	20 35	1 5	16 21	6 17
S 19	20 5	25 46	3 7	22 9	1 30	11 50	1 48	21 38	4 14	21 52	0 47	20 28	0 33	15 40	0 28	20 41	1 36	11 39	12 14	20 52	20 34	1 8	16 20	6 17
S 20	19 52	24 44	3 57	21 55	1 35	11 22	1 47	21 45	4 16	21 52	0 46	20 27	0 33	15 40	0 28	20 41	1 36	11 39	12 14	20 51	20 34	1 12	16 19	6 18
M21	19 39	22 23	4 34	21 40	1 39	10 55	1 46	21 53	4 17	21 52	0 46	20 25	0 33	15 40	0 28	20 41	1 36	11 40	12 15	20 49	20 33	1 15	16 18	6 18
T 22	19 25	19 0	4 56	21 24	1 43	10 27	1 45	22 1	4 19	21 52	0 46	20 24	0 33	15 40	0 28	20 41	1 36	11 41	12 15	20 47	20 32	1 18	16 17	6 18
W23	19 11	14 49	5 4	21 6	1 47	9 59	1 44	22 8	4 20	21 52	0 46	20 23	0 32	15 40	0 28	20 41	1 35	11 41	12 16	20 45	20 32	1 21	16 16	6 18
T 24	18 57	10 6	4 57	20 47	1 51	9 30	1 43	22 15	4 21	21 52	0 46	20 22	0 32	15 40	0 28	20 41	1 35	11 42	12 16	20 43	20 31	1 24	16 15	6 19
F 25	18 42	5 5	4 37	20 27	1 54	9 2	1 42	22 23	4 22	21 51	0 45	20 21	0 32	15 40	0 28	20 41	1 35	11 43	12 16	20 41	20 31	1 27	16 14	6 19
S 26	18 27	0s 4	4 6	20 5	1 57	8 33	1 41	22 30	4 23	21 51	0 45	20 19	0 32	15 40	0 28	20 41	1 35	11 43	12 17	20 40	20 30	1 30	16 14	6 19
S 27	18 12	5 12	3 24	19 43	2 0	8 4	1 40	22 36	4 23	21 51	0 45	20 18	0 32	15 40	0 28	20 41	1 35	11 44	12 17	20 40	20 29	1 33	16 13	6 20
M28	17 56	10 9	2 33	19 19	2 2	7 35	1 38	22 43	4 24	21 51	0 45	20 17	0 32	15 40	0 28	20 41	1 35	11 45	12 17	20 39	20 29	1 36	16 12	6 20
T 29	17 41	14 47	1 35	18 54	2 4	7 5	1 37	22 49	4 25	21 51	0 44	20 16	0 32	15 40	0 28	20 41	1 35	11 45	12 18	20 39	20 28	1 39	16 11	6 20
W30	17 24	18 54	0 32	18 28	2 6	6 35	1 35	22 56	4 25	21 51	0 44	20 14	0 32	15 40	0 28	20 40	1 35	11 46	12 18	20 39	20 28	1 42	16 10	6 21
T 31	17s 8	22s17	0s34	18s 0	2s 7	6s 6	1s33	23n 2	4n25	21n52	0s44	20s13	0n32	15n41	0s28	20n40	1s35	11n47	12n19	20n39	20n27	1s46	16s 9	6n21

Julian Day Number = 3071362.5, Delta T = 02h36m41s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°31'58, Lahiri = 47°38'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3697
geocentric

FEBRUARY 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 50 45	12♒41'48	22♐34	17♒22	19♓20	5°R 3	16°R54	26♑11	14♉47	13°R46	28°R46	3°R26	2♊20	13♎45	14♑25	F 1
S 2	8 54 41	13°42'53	5♑42	19° 0	20°33	4♌40	16♊52	26°18	14°47	13♊45	28♍45	3♊22	2°17	13°52	14°31	S 2
S 3	8 58 38	14°43'58	19°16	20°40	21°46	4°19	16°51	26°25	14°48	13°45	28°44	3°15	2°13	13°59	14°37	S 3
M 4	9 2 34	15°45'03	3♒16	22°19	22°59	3°57	16°50	26°32	14°49	13°44	28°43	3° 6	2°10	14° 5	14°43	M 4
T 5	9 6 31	16°46'08	17°37	23°59	24°12	3°36	16°49	26°39	14°49	13°44	28°42	2°54	2° 7	14°12	14°49	T 5
W 6	9 10 27	17°47'13	2♓15	25°39	25°24	3°15	16°48	26°45	14°50	13°43	28°41	2°42	2° 4	14°19	14°56	W 6
T 7	9 14 24	18°48'17	17° 0	27°19	26°37	2°55	16°48	26°52	14°51	13°43	28°40	2°31	2° 1	14°25	15° 2	T 7
F 8	9 18 21	19°49'22	1♈45	29° 0	27°50	2°36	16°47	26°59	14°52	13°42	28°39	2°22	1°58	14°32	15° 7	F 8
S 9	9 22 17	20°50'25	16°22	0♓41	29° 2	2°17	16°D47	27° 6	14°53	13°42	28°38	2°16	1°54	14°39	15°13	S 9
S 10	9 26 14	21°51'28	0♉47	2°21	0♈15	1°59	16°47	27°13	14°54	13°41	28°37	2°12	1°51	14°45	15°19	S 10
M11	9 30 10	22°52'31	14°55	4° 2	1°27	1°41	16°48	27°19	14°55	13°41	28°36	2°11	1°48	14°52	15°25	M11
T 12	9 34 7	23°53'32	28°48	5°42	2°39	1°25	16°48	27°26	14°56	13°40	28°34	2°11	1°45	14°59	15°31	T 12
W13	9 38 3	24°54'34	12♊24	7°23	3°52	1° 9	16°49	27°32	14°57	13°40	28°33	2°10	1°42	15° 5	15°36	W13
T 14	9 42 0	25°55'34	25°46	9° 2	5° 4	0°53	16°50	27°39	14°58	13°40	28°32	2° 9	1°38	15°12	15°42	T 14
F 15	9 45 56	26°56'34	8♋55	10°41	6°16	0°39	16°51	27°46	14°59	13°40	28°31	2° 5	1°35	15°19	15°48	F 15
S 16	9 49 53	27°57'33	21°53	12°19	7°28	0°25	16°53	27°52	15° 0	13°39	28°29	1°57	1°32	15°25	15°53	S 16
S 17	9 53 50	28°58'31	4♌40	13°56	8°39	0°12	16°54	27°59	15° 2	13°39	28°28	1°47	1°29	15°32	15°59	S 17
M18	9 57 46	29°59'28	17°17	15°32	9°51	29♋59	16°56	28° 5	15° 3	13°39	28°27	1°34	1°26	15°39	16° 4	M18
T 19	10 1 43	1♓ 0'25	29°43	17° 6	11° 3	29°48	16°58	28°11	15° 5	13°39	28°26	1°20	1°23	15°46	16°10	T 19
W20	10 5 39	2° 1'21	11♍59	18°37	12°14	29°37	17° 0	28°18	15° 6	13°39	28°24	1° 5	1°19	15°52	16°15	W20
T 21	10 9 36	3° 2'16	24° 6	20° 6	13°26	29°27	17° 3	28°24	15° 8	13°39	28°23	0°52	1°16	15°59	16°20	T 21
F 22	10 13 32	4° 3'11	6♎ 5	21°31	14°37	29°18	17° 5	28°30	15° 9	13°D39	28°22	0°40	1°13	16° 6	16°26	F 22
S 23	10 17 29	5° 4'05	17°56	22°53	15°49	29°10	17° 8	28°37	15°11	13°39	28°20	0°31	1°10	16°12	16°31	S 23
S 24	10 21 25	6° 4'58	29°45	24° 9	17° 0	29° 2	17°11	28°43	15°12	13°39	28°19	0°25	1° 7	16°19	16°36	S 24
M25	10 25 22	7° 5'51	11♏33	25°21	18°11	28°56	17°14	28°49	15°14	13°39	28°17	0°21	1° 3	16°26	16°41	M25
T 26	10 29 18	8° 6'43	23°26	26°27	19°22	28°50	17°18	28°55	15°16	13°39	28°16	0°20	1° 0	16°32	16°46	T 26
W27	10 33 15	9° 7'35	5♐29	27°25	20°32	28°45	17°21	29° 1	15°18	13°39	28°15	0°20	0°57	16°39	16°51	W27
T 28	10 37 12	10♓ 8'26	17♐48	28♓16	21♈43	28♋40	17♊25	29♑ 7	15♉19	13♊40	28♍13	0♊20	0♊54	16♎46	16♑56	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s51	24s41	1s40	17s32	2s 8	5s36	1s32	23n 7	4n25	21n52	0s44	20s12	0n32	15n41	0s28	20n40	1s35	11n47	12n19	20n39	20n26	1s49	16s 8	6n21
S 2	16 34	25 48	2 42	17 2	2 9	5 5	1 30	23 13	4 25	21 52	0 43	20 11	0 32	15 41	0 28	20 40	1 35	11 48	12 19	20 38	20 26	1 52	16 7	6 22
S 3	16 16	25 27	3 38	16 31	2 9	4 35	1 28	23 18	4 25	21 52	0 43	20 10	0 32	15 41	0 28	20 40	1 35	11 49	12 20	20 37	20 25	1 55	16 6	6 22
M 4	15 58	23 30	4 22	15 58	2 8	4 5	1 26	23 23	4 25	21 52	0 43	20 8	0 32	15 41	0 28	20 40	1 35	11 49	12 20	20 35	20 24	1 58	16 5	6 22
T 5	15 40	20 1	4 50	15 25	2 8	3 34	1 24	23 28	4 25	21 52	0 43	20 7	0 32	15 42	0 28	20 40	1 35	11 50	12 20	20 33	20 24	2 1	16 4	6 23
W 6	15 22	15 16	5 1	14 51	2 7	3 4	1 22	23 32	4 24	21 52	0 42	20 6	0 32	15 42	0 28	20 40	1 35	11 51	12 21	20 31	20 23	2 4	16 3	6 23
T 7	15 3	9 34	4 52	14 15	2 5	2 33	1 19	23 37	4 24	21 52	0 42	20 5	0 32	15 42	0 28	20 40	1 35	11 51	12 21	20 29	20 23	2 7	16 2	6 23
F 8	14 44	3 20	4 23	13 38	2 3	2 2	1 17	23 41	4 23	21 53	0 42	20 3	0 32	15 42	0 28	20 40	1 35	11 52	12 21	20 27	20 22	2 10	16 1	6 24
S 9	14 25	3n 2	3 37	13 0	2 0	1 31	1 14	23 44	4 23	21 53	0 42	20 2	0 32	15 43	0 28	20 40	1 35	11 53	12 21	20 26	20 21	2 13	16 0	6 24
S 10	14 6	9 10	2 38	12 22	1 57	1 0	1 12	23 48	4 22	21 53	0 41	20 1	0 31	15 43	0 28	20 40	1 35	11 54	12 22	20 25	20 21	2 17	15 59	6 25
M11	13 46	14 44	1 30	11 42	1 53	0 29	1 9	23 51	4 21	21 53	0 41	20 0	0 31	15 43	0 28	20 40	1 34	11 54	12 22	20 25	20 20	2 20	15 58	6 25
T 12	13 26	19 25	0 18	11 1	1 48	0n 2	1 7	23 54	4 20	21 54	0 41	19 58	0 31	15 44	0 28	20 40	1 34	11 55	12 22	20 25	20 19	2 23	15 57	6 26
W13	13 6	22 58	0n54	10 19	1 43	0 33	1 4	23 56	4 19	21 54	0 41	19 57	0 31	15 44	0 28	20 40	1 34	11 56	12 23	20 24	20 19	2 26	15 56	6 26
T 14	12 46	25 10	2 1	9 37	1 38	1 4	1 1	23 59	4 18	21 54	0 40	19 56	0 31	15 44	0 28	20 40	1 34	11 57	12 23	20 24	20 18	2 29	15 55	6 26
F 15	12 25	25 56	3 1	8 54	1 31	1 35	0 58	24 1	4 17	21 55	0 40	19 55	0 31	15 45	0 28	20 40	1 34	11 57	12 23	20 23	20 18	2 32	15 53	6 27
S 16	12 4	25 15	3 50	8 10	1 24	2 5	0 55	24 3	4 16	21 55	0 40	19 53	0 31	15 45	0 28	20 40	1 34	11 58	12 23	20 22	20 17	2 35	15 52	6 27
S 17	11 44	23 15	4 27	7 26	1 16	2 36	0 52	24 4	4 14	21 56	0 40	19 52	0 31	15 46	0 27	20 40	1 34	11 59	12 24	20 20	20 16	2 38	15 51	6 28
M18	11 22	20 7	4 50	6 42	1 8	3 7	0 49	24 5	4 13	21 56	0 39	19 51	0 31	15 46	0 27	20 41	1 34	12 0	12 24	20 17	20 16	2 41	15 50	6 28
T 19	11 1	16 8	4 59	5 57	0 58	3 38	0 45	24 7	4 12	21 56	0 39	19 50	0 31	15 46	0 27	20 41	1 34	12 0	12 24	20 14	20 15	2 45	15 49	6 29
W20	10 40	11 32	4 54	5 12	0 48	4 9	0 42	24 7	4 10	21 57	0 39	19 49	0 31	15 47	0 27	20 41	1 34	12 1	12 25	20 11	20 14	2 48	15 48	6 29
T 21	10 18	6 33	4 36	4 28	0 37	4 40	0 39	24 8	4 9	21 57	0 39	19 47	0 31	15 47	0 27	20 41	1 34	12 2	12 25	20 9	20 14	2 51	15 47	6 30
F 22	9 56	1 22	4 5	3 44	0 26	5 10	0 35	24 8	4 7	21 58	0 39	19 46	0 31	15 48	0 27	20 41	1 34	12 2	12 25	20 6	20 13	2 54	15 46	6 30
S 23	9 34	3s50	3 24	3 0	0 13	5 41	0 32	24 9	4 6	21 58	0 38	19 45	0 31	15 48	0 27	20 41	1 34	12 3	12 25	20 4	20 12	2 57	15 45	6 31
S 24	9 12	8 52	2 34	2 18	0n 0	6 11	0 28	24 9	4 4	21 59	0 38	19 44	0 31	15 49	0 27	20 41	1 34	12 4	12 25	20 3	20 12	3 0	15 44	6 31
M25	8 50	13 37	1 38	1 37	0 14	6 41	0 25	24 8	4 2	21 59	0 38	19 42	0 31	15 49	0 27	20 41	1 34	12 5	12 26	20 2	20 11	3 3	15 43	6 32
T 26	8 27	17 53	0 36	0 58	0 29	7 11	0 21	24 8	4 1	22 0	0 38	19 41	0 31	15 50	0 27	20 41	1 34	12 5	12 26	20 2	20 10	3 6	15 41	6 32
W27	8 5	21 28	0s27	0 21	0 44	7 41	0 17	24 7	3 59	22 0	0 37	19 40	0 31	15 50	0 27	20 41	1 34	12 6	12 26	20 2	20 10	3 9	15 40	6 33
T 28	7s42	24s11	1s31	0n14	1n 0	8n11	0s13	24n 6	3n57	22n 1	0s37	19s39	0n31	15n51	0s27	20n41	1s34	12n 7	12n26	20n 2	20n 9	3s13	15s39	6n33

Julian Day Number = 3071393.5, Delta T = 02h36m42s
Ecliptic obliquity = 23°13'20, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'02, Lahiri = 47°39'03

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

MARCH 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 41 8	11♓ 9'17	0♉27	28♓59	22♈54	28°R37	17♊29	29♉13	15♉21	13♊40	28°R12	0°R18	0♊51	16♎52	17♉ 0	F 1
S 2	10 45 5	12°10'07	13°32	29°32	24° 4	28♋34	17°33	29°19	15°23	13°40	28♍10	0♊15	0°48	16°59	17° 5	S 2
S 3	10 49 1	13°10'56	27° 6	29°56	25°14	28°32	17°38	29°25	15°25	13°40	28° 9	0° 9	0°44	17° 6	17°10	S 3
M 4	10 52 58	14°11'44	11♒10	0♈ 9	26°25	28°31	17°42	29°31	15°27	13°41	28° 7	0° 0	0°41	17°12	17°14	M 4
T 5	10 56 54	15°12'31	25°40	0°R12	27°35	28°D31	17°47	29°36	15°29	13°41	28° 6	29♉49	0°38	17°19	17°19	T 5
W 6	11 0 51	16°13'17	10♓33	0° 3	28°45	28°31	17°52	29°42	15°31	13°42	28° 4	29°38	0°35	17°26	17°24	W 6
T 7	11 4 47	17°14'02	25°39	29♓44	29°54	28°32	17°57	29°47	15°33	13°42	28° 3	29°27	0°32	17°32	17°28	T 7
F 8	11 8 44	18°14'46	10♈47	29°14	1♉ 4	28°34	18° 2	29°53	15°36	13°43	28° 1	29°18	0°29	17°39	17°32	F 8
S 9	11 12 41	19°15'28	25°48	28°34	2°14	28°37	18° 7	29°59	15°38	13°43	28° 0	29°11	0°25	17°46	17°36	S 9
S 10	11 16 37	20°16'09	10♉34	27°46	3°23	28°40	18°13	0♒ 4	15°40	13°44	27°58	29° 8	0°22	17°52	17°41	S 10
M11	11 20 34	21°16'49	24°58	26°50	4°32	28°44	18°19	0° 9	15°42	13°44	27°57	29°D 6	0°19	17°59	17°45	M11
T 12	11 24 30	22°17'27	9♊ 0	25°49	5°41	28°49	18°25	0°15	15°45	13°45	27°55	29° 7	0°16	18° 6	17°49	T 12
W13	11 28 27	23°18'04	22°39	24°43	6°50	28°54	18°31	0°20	15°47	13°45	27°54	29°R 7	0°13	18°12	17°53	W13
T 14	11 32 23	24°18'39	5♋57	23°35	7°59	29° 0	18°37	0°25	15°49	13°46	27°52	29° 6	0° 9	18°19	17°57	T 14
F 15	11 36 20	25°19'12	18°56	22°26	9° 7	29° 7	18°44	0°30	15°52	13°47	27°51	29° 4	0° 6	18°26	18° 0	F 15
S 16	11 40 16	26°19'44	1♌41	21°19	10°16	29°15	18°50	0°35	15°54	13°48	27°49	28°58	0° 3	18°33	18° 4	S 16
S 17	11 44 13	27°20'14	14°12	20°14	11°24	29°23	18°57	0°40	15°57	13°48	27°48	28°51	29♉59	18°39	18° 8	S 17
M18	11 48 10	28°20'42	26°33	19°13	12°32	29°31	19° 4	0°45	15°59	13°49	27°46	28°41	29°57	18°46	18°11	M18
T 19	11 52 6	29°21'08	8♍45	18°18	13°39	29°41	19°11	0°50	16° 2	13°50	27°45	28°29	29°54	18°53	18°15	T 19
W20	11 56 3	0♈21'34	20°49	17°29	14°47	29°50	19°18	0°54	16° 4	13°51	27°43	28°18	29°50	18°59	18°18	W20
T 21	11 59 59	1°21'57	2♎47	16°47	15°54	0♌ 1	19°25	0°59	16° 7	13°52	27°42	28° 6	29°47	19° 6	18°22	T 21
F 22	12 3 56	2°22'19	14°40	16°12	17° 1	0°12	19°33	1° 4	16°10	13°53	27°40	27°57	29°44	19°13	18°25	F 22
S 23	12 7 52	3°22'39	26°30	15°44	18° 8	0°23	19°41	1° 8	16°12	13°54	27°38	27°50	29°41	19°19	18°28	S 23
S 24	12 11 49	4°22'59	8♏18	15°23	19°15	0°35	19°49	1°13	16°15	13°55	27°37	27°45	29°38	19°26	18°31	S 24
M25	12 15 45	5°23'16	20° 8	15°10	20°21	0°48	19°56	1°17	16°18	13°56	27°35	27°43	29°35	19°33	18°34	M25
T 26	12 19 42	6°23'32	2♐ 2	15°D 4	21°28	1° 1	20° 5	1°21	16°21	13°57	27°34	27°D43	29°31	19°39	18°37	T 26
W27	12 23 39	7°23'47	14° 6	15° 4	22°34	1°15	20°13	1°26	16°24	13°58	27°32	27°44	29°28	19°46	18°40	W27
T 28	12 27 35	8°24'01	26°23	15°11	23°39	1°29	20°21	1°30	16°26	13°59	27°31	27°45	29°25	19°53	18°43	T 28
F 29	12 31 32	9°24'13	8♑59	15°24	24°45	1°43	20°30	1°34	16°29	14° 0	27°29	27°R46	29°22	19°59	18°45	F 29
S 30	12 35 28	10°24'24	21°59	15°43	25°50	1°59	20°38	1°38	16°32	14° 2	27°28	27°45	29°19	20° 6	18°48	S 30
S 31	12 39 25	11♈24'33	5♒25	16♓ 7	26♉55	2♌14	20♊47	1♒42	16♉35	14♊ 3	27♍26	27♉42	29♉15	20♎13	18♑50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s19	25s46	2s32	0n45	1n16	8n41	0s 9	24n 5	3n55	22n 2	0s37	19s38	0n31	15n52	0s27	20n41	1s33	12n 8	12n26	20n 2	20n 9	3s16	15s38	6n34
S 2	6 56	25 59	3 28	1 13	1 32	9 10	0 5	24 4	3 54	22 2	0 37	19 37	0 31	15 52	0 27	20 41	1 33	12 8	12 27	20 1	20 8	3 19	15 37	6 34
S 3	6 33	24 41	4 13	1 38	1 48	9 40	0 1	24 3	3 52	22 3	0 37	19 35	0 31	15 53	0 27	20 41	1 33	12 9	12 27	20 0	20 7	3 22	15 36	6 35
M 4	6 10	21 51	4 45	1 58	2 4	10 9	0n 3	24 1	3 50	22 3	0 36	19 34	0 31	15 53	0 27	20 41	1 33	12 10	12 27	19 58	20 7	3 25	15 35	6 36
T 5	5 47	17 34	5 1	2 13	2 20	10 38	0 7	24 0	3 48	22 4	0 36	19 33	0 30	15 54	0 27	20 42	1 33	12 11	12 27	19 56	20 6	3 28	15 34	6 36
W 6	5 23	12 7	4 56	2 23	2 35	11 6	0 11	23 58	3 46	22 5	0 36	19 32	0 30	15 55	0 27	20 42	1 33	12 11	12 27	19 53	20 5	3 31	15 33	6 37
T 7	5 0	5 52	4 31	2 29	2 49	11 35	0 15	23 56	3 44	22 5	0 36	19 31	0 30	15 55	0 27	20 42	1 33	12 12	12 27	19 51	20 5	3 34	15 31	6 37
F 8	4 36	0n45	3 47	2 29	3 1	12 3	0 20	23 53	3 42	22 6	0 35	19 30	0 30	15 56	0 27	20 42	1 33	12 13	12 28	19 49	20 4	3 37	15 30	6 38
S 9	4 13	7 17	2 47	2 23	3 13	12 31	0 24	23 51	3 41	22 7	0 35	19 29	0 30	15 56	0 27	20 42	1 33	12 14	12 28	19 48	20 3	3 41	15 29	6 39
S 10	3 49	13 19	1 37	2 13	3 22	12 58	0 28	23 49	3 39	22 7	0 35	19 28	0 30	15 57	0 27	20 42	1 33	12 14	12 28	19 47	20 3	3 44	15 28	6 39
M11	3 26	18 29	0 22	1 58	3 29	13 26	0 33	23 46	3 37	22 8	0 35	19 26	0 30	15 58	0 27	20 42	1 33	12 15	12 28	19 47	20 2	3 47	15 27	6 40
T 12	3 2	22 28	0n52	1 38	3 34	13 53	0 37	23 43	3 35	22 9	0 35	19 25	0 30	15 59	0 27	20 42	1 33	12 16	12 28	19 47	20 1	3 50	15 26	6 40
W13	2 38	25 3	2 2	1 15	3 37	14 20	0 42	23 40	3 33	22 10	0 34	19 24	0 30	15 59	0 27	20 43	1 33	12 16	12 28	19 47	20 1	3 53	15 25	6 41
T 14	2 14	26 8	3 3	0 49	3 38	14 46	0 46	23 37	3 31	22 10	0 34	19 23	0 30	16 0	0 27	20 43	1 33	12 17	12 28	19 47	20 0	3 56	15 24	6 42
F 15	1 51	25 45	3 53	0 20	3 36	15 12	0 51	23 34	3 29	22 11	0 34	19 22	0 30	16 1	0 27	20 43	1 33	12 18	12 28	19 46	19 59	3 59	15 22	6 42
S 16	1 27	24 0	4 30	0s10	3 32	15 38	0 55	23 30	3 27	22 12	0 34	19 21	0 30	16 1	0 27	20 43	1 33	12 18	12 28	19 45	19 59	4 2	15 21	6 43
S 17	1 3	21 6	4 54	0 41	3 25	16 4	1 0	23 27	3 26	22 13	0 34	19 20	0 30	16 2	0 27	20 43	1 33	12 19	12 29	19 43	19 58	4 5	15 20	6 44
M18	0 39	17 19	5 3	1 12	3 17	16 29	1 5	23 23	3 24	22 13	0 33	19 19	0 30	16 3	0 27	20 43	1 33	12 20	12 29	19 41	19 57	4 9	15 19	6 44
T 19	0 15	12 50	4 59	1 42	3 8	16 54	1 9	23 19	3 22	22 14	0 33	19 18	0 30	16 4	0 27	20 43	1 32	12 20	12 29	19 39	19 57	4 12	15 18	6 45
W20	0n 9	7 55	4 41	2 11	2 57	17 18	1 14	23 16	3 20	22 15	0 33	19 17	0 30	16 4	0 27	20 44	1 32	12 21	12 29	19 36	19 56	4 15	15 17	6 46
T 21	0 32	2 45	4 11	2 38	2 45	17 42	1 19	23 12	3 18	22 16	0 33	19 16	0 30	16 5	0 27	20 44	1 32	12 22	12 29	19 34	19 55	4 18	15 16	6 46
F 22	0 56	2s30	3 30	3 4	2 32	18 6	1 23	23 7	3 16	22 17	0 33	19 15	0 30	16 6	0 27	20 44	1 32	12 22	12 29	19 31	19 55	4 21	15 15	6 47
S 23	1 20	7 39	2 39	3 27	2 18	18 29	1 28	23 3	3 15	22 17	0 32	19 14	0 30	16 7	0 27	20 44	1 32	12 23	12 29	19 30	19 54	4 24	15 14	6 48
S 24	1 44	12 32	1 42	3 47	2 4	18 52	1 33	22 59	3 13	22 18	0 32	19 13	0 30	16 8	0 27	20 44	1 32	12 24	12 29	19 29	19 53	4 27	15 13	6 48
M25	2 7	16 58	0 41	4 6	1 50	19 15	1 38	22 54	3 11	22 19	0 32	19 12	0 30	16 8	0 27	20 44	1 32	12 24	12 29	19 28	19 53	4 30	15 12	6 49
T 26	2 31	20 46	0s23	4 21	1 36	19 37	1 42	22 50	3 9	22 20	0 32	19 12	0 30	16 9	0 27	20 45	1 32	12 25	12 29	19 28	19 52	4 33	15 11	6 50
W27	2 55	23 44	1 27	4 34	1 22	19 58	1 47	22 45	3 7	22 20	0 32	19 11	0 30	16 10	0 26	20 45	1 32	12 25	12 29	19 29	19 51	4 37	15 10	6 50
T 28	3 18	25 39	2 28	4 44	1 8	20 19	1 52	22 40	3 6	22 21	0 31	19 10	0 30	16 11	0 26	20 45	1 32	12 26	12 29	19 29	19 51	4 40	15 9	6 51
F 29	3 42	26 19	3 24	4 52	0 54	20 40	1 57	22 35	3 4	22 22	0 31	19 9	0 30	16 12	0 26	20 45	1 32	12 27	12 29	19 29	19 50	4 43	15 7	6 52
S 30	4 5	25 35	4 11	4 57	0 41	21 0	2 1	22 30	3 2	22 23	0 31	19 8	0 30	16 12	0 26	20 45	1 32	12 27	12 29	19 29	19 49	4 46	15 6	6 52
S 31	4n28	23s22	4s46	5s 0	0n28	21n20	2n 6	22n25	3n 0	22n24	0s31	19s 7	0n30	16n13	0s26	20n46	1s32	12n28	12n29	19n28	19n49	4s49	15s 5	6n53

Julian Day Number = 3071421.5, Delta T = 02h36m43s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'06, Lahiri = 47°39'06

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

APRIL 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 43 21	12♈24'41	19♒21	16♓36	28♉ 0	2♌30	20♊56	1♒46	16♉38	14♊ 4	27°R25	27°R38	29♉12	20♎19	18♑53	M 1
T 2	12 47 18	13°24'48	3♓45	17° 9	29° 4	2°47	21° 5	1°49	16°41	14° 5	27♍24	27♉32	29° 9	20°26	18°55	T 2
W 3	12 51 14	14°24'52	18°34	17°47	0♊ 8	3° 3	21°14	1°53	16°44	14° 7	27°22	27°25	29° 6	20°33	18°57	W 3
T 4	12 55 11	15°24'56	3♈42	18°29	1°12	3°21	21°24	1°56	16°47	14° 8	27°21	27°18	29° 3	20°39	18°59	T 4
F 5	12 59 7	16°24'57	18°59	19°15	2°16	3°38	21°33	2° 0	16°50	14° 9	27°19	27°13	29° 0	20°46	19° 1	F 5
S 6	13 3 4	17°24'57	4♉13	20° 4	3°19	3°57	21°43	2° 3	16°53	14°11	27°18	27° 9	28°56	20°53	19° 3	S 6
S 7	13 7 1	18°24'54	19°15	20°57	4°22	4°15	21°52	2° 7	16°56	14°12	27°16	27° 7	28°53	20°59	19° 5	S 7
M 8	13 10 57	19°24'50	3♊56	21°52	5°24	4°34	22° 2	2°10	16°59	14°14	27°15	27°D 7	28°50	21° 6	19° 7	M 8
T 9	13 14 54	20°24'44	18°14	22°50	6°27	4°53	22°12	2°13	17° 3	14°15	27°14	27° 8	28°47	21°13	19° 9	T 9
W10	13 18 50	21°24'36	2♋ 4	23°52	7°28	5°13	22°22	2°16	17° 6	14°17	27°12	27°10	28°44	21°19	19°10	W10
T 11	13 22 47	22°24'26	15°29	24°55	8°30	5°33	22°32	2°19	17° 9	14°18	27°11	27°11	28°40	21°26	19°12	T 11
F 12	13 26 43	23°24'13	28°30	26° 1	9°31	5°53	22°43	2°22	17°12	14°20	27° 9	27°R11	28°37	21°33	19°13	F 12
S 13	13 30 40	24°23'58	11♌12	27°10	10°32	6°14	22°53	2°25	17°15	14°21	27° 8	27°10	28°34	21°39	19°15	S 13
S 14	13 34 36	25°23'41	23°36	28°20	11°32	6°35	23° 3	2°27	17°19	14°23	27° 7	27° 7	28°31	21°46	19°16	S 14
M15	13 38 33	26°23'22	5♍48	29°33	12°32	6°57	23°14	2°30	17°22	14°25	27° 6	27° 3	28°28	21°53	19°17	M15
T 16	13 42 30	27°23'01	17°51	0♈47	13°31	7°18	23°25	2°32	17°25	14°26	27° 4	26°58	28°25	21°59	19°18	T 16
W17	13 46 26	28°22'38	29°47	2° 3	14°30	7°40	23°35	2°35	17°28	14°28	27° 3	26°52	28°21	22° 6	19°19	W17
T 18	13 50 23	29°22'12	11♎38	3°22	15°29	8° 3	23°46	2°37	17°32	14°30	27° 2	26°47	28°18	22°13	19°20	T 18
F 19	13 54 19	0♉21'45	23°28	4°42	16°27	8°25	23°57	2°39	17°35	14°31	27° 0	26°43	28°15	22°19	19°20	F 19
S 20	13 58 16	1°21'16	5♏17	6° 3	17°24	8°48	24° 8	2°41	17°38	14°33	26°59	26°40	28°12	22°26	19°21	S 20
S 21	14 2 12	2°20'44	17° 9	7°26	18°21	9°11	24°19	2°43	17°42	14°35	26°58	26°39	28° 9	22°33	19°22	S 21
M22	14 6 9	3°20'11	29° 4	8°51	19°18	9°35	24°31	2°45	17°45	14°37	26°57	26°D38	28° 6	22°39	19°22	M22
T 23	14 10 5	4°19'37	11♐ 6	10°18	20°14	9°59	24°42	2°47	17°48	14°38	26°56	26°39	28° 2	22°46	19°23	T 23
W24	14 14 2	5°19'00	23°17	11°46	21° 9	10°23	24°53	2°49	17°52	14°40	26°55	26°40	27°59	22°53	19°23	W24
T 25	14 17 59	6°18'22	5♑40	13°15	22° 4	10°47	25° 5	2°50	17°55	14°42	26°53	26°42	27°56	22°59	19°23	T 25
F 26	14 21 55	7°17'42	18°19	14°46	22°58	11°11	25°16	2°52	17°59	14°44	26°52	26°43	27°53	23° 6	19°23	F 26
S 27	14 25 52	8°17'00	1♒18	16°19	23°52	11°36	25°28	2°53	18° 2	14°46	26°51	26°44	27°50	23°13	19°R23	S 27
S 28	14 29 48	9°16'17	14°39	17°53	24°45	12° 1	25°40	2°55	18° 5	14°48	26°50	26°R44	27°46	23°19	19°23	S 28
M29	14 33 45	10°15'32	28°24	19°28	25°37	12°26	25°52	2°56	18° 9	14°50	26°49	26°44	27°43	23°26	19°23	M29
T 30	14 37 41	11♉14'45	12♓35	21♈ 5	26♊28	12♌52	26♊ 4	2♒57	18♉12	14♊52	26♍48	26♉42	27♉40	23♎33	19♑23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n52	19s44	5s 6	5s 1	0n15	21n40	2n11	22n19	2n59	22n24	0s31	19s 6	0n30	16n14	0s26	20n46	1s32	12n28	12n29	19n27	19n48	4s52	15s 4	6n54
T 2	5 15	14 49	5 7	4 59	0 2	21 58	2 15	22 14	2 57	22 25	0 30	19 6	0 30	16 15	0 26	20 46	1 32	12 29	12 29	19 26	19 47	4 55	15 3	6 54
W 3	5 38	8 54	4 48	4 56	0s 9	22 17	2 20	22 9	2 55	22 26	0 30	19 5	0 30	16 16	0 26	20 46	1 32	12 29	12 29	19 24	19 47	4 58	15 2	6 55
T 4	6 1	2 22	4 9	4 50	0 21	22 35	2 25	22 3	2 54	22 27	0 30	19 4	0 30	16 17	0 26	20 46	1 32	12 30	12 29	19 23	19 46	5 1	15 1	6 56
F 5	6 24	4n24	3 12	4 43	0 32	22 52	2 29	21 57	2 52	22 28	0 30	19 3	0 30	16 18	0 26	20 47	1 32	12 30	12 29	19 22	19 45	5 5	15 0	6 57
S 6	6 47	10 54	2 1	4 33	0 42	23 9	2 34	21 51	2 50	22 28	0 30	19 3	0 30	16 19	0 26	20 47	1 32	12 31	12 29	19 21	19 44	5 8	14 59	6 57
S 7	7 9	16 42	0 43	4 22	0 52	23 25	2 39	21 45	2 49	22 29	0 30	19 2	0 29	16 19	0 26	20 47	1 32	12 32	12 29	19 20	19 44	5 11	14 58	6 58
M 8	7 32	21 21	0n37	4 9	1 2	23 41	2 43	21 39	2 47	22 30	0 29	19 1	0 29	16 20	0 26	20 47	1 31	12 32	12 29	19 20	19 43	5 14	14 58	6 59
T 9	7 54	24 34	1 53	3 54	1 11	23 57	2 48	21 33	2 46	22 31	0 29	19 1	0 29	16 21	0 26	20 47	1 31	12 32	12 28	19 21	19 42	5 17	14 57	7 0
W10	8 17	26 11	2 59	3 38	1 20	24 12	2 52	21 27	2 44	22 31	0 29	19 0	0 29	16 22	0 26	20 48	1 31	12 33	12 28	19 21	19 42	5 20	14 56	7 0
T 11	8 39	26 12	3 54	3 21	1 28	24 26	2 57	21 20	2 42	22 32	0 29	18 59	0 29	16 23	0 26	20 48	1 31	12 33	12 28	19 21	19 41	5 23	14 55	7 1
F 12	9 1	24 45	4 34	3 2	1 35	24 40	3 1	21 14	2 41	22 33	0 29	18 59	0 29	16 24	0 26	20 48	1 31	12 34	12 28	19 21	19 40	5 26	14 54	7 2
S 13	9 22	22 4	5 0	2 41	1 42	24 53	3 5	21 7	2 39	22 33	0 29	18 58	0 29	16 25	0 26	20 48	1 31	12 34	12 28	19 21	19 40	5 29	14 53	7 2
S 14	9 44	18 26	5 12	2 20	1 49	25 6	3 10	21 0	2 38	22 34	0 28	18 58	0 29	16 26	0 26	20 48	1 31	12 35	12 28	19 20	19 39	5 33	14 52	7 3
M15	10 6	14 5	5 9	1 57	1 55	25 18	3 14	20 53	2 36	22 35	0 28	18 57	0 29	16 27	0 26	20 49	1 31	12 35	12 28	19 19	19 38	5 36	14 51	7 4
T 16	10 27	9 15	4 52	1 33	2 1	25 30	3 18	20 46	2 35	22 36	0 28	18 56	0 29	16 28	0 26	20 49	1 31	12 36	12 28	19 18	19 38	5 39	14 50	7 5
W17	10 48	4 7	4 23	1 7	2 6	25 41	3 22	20 39	2 33	22 36	0 28	18 56	0 29	16 29	0 26	20 49	1 31	12 36	12 28	19 17	19 37	5 42	14 49	7 5
T 18	11 9	1s 9	3 42	0 41	2 11	25 52	3 26	20 32	2 32	22 37	0 28	18 55	0 29	16 29	0 26	20 49	1 31	12 36	12 28	19 16	19 36	5 45	14 49	7 6
F 19	11 30	6 22	2 52	0 13	2 15	26 2	3 30	20 25	2 30	22 38	0 28	18 55	0 29	16 30	0 26	20 50	1 31	12 37	12 27	19 15	19 35	5 48	14 48	7 7
S 20	11 50	11 22	1 55	0n15	2 19	26 11	3 34	20 17	2 29	22 38	0 27	18 55	0 29	16 31	0 26	20 50	1 31	12 37	12 27	19 14	19 35	5 51	14 47	7 8
S 21	12 11	15 58	0 52	0 45	2 22	26 20	3 38	20 10	2 27	22 39	0 27	18 54	0 29	16 32	0 26	20 50	1 31	12 37	12 27	19 14	19 34	5 54	14 46	7 8
M22	12 31	19 59	0s13	1 15	2 25	26 29	3 42	20 2	2 26	22 39	0 27	18 54	0 29	16 33	0 26	20 50	1 31	12 38	12 27	19 14	19 33	5 57	14 45	7 9
T 23	12 51	23 12	1 19	1 47	2 27	26 37	3 45	19 55	2 25	22 40	0 27	18 53	0 29	16 34	0 26	20 51	1 31	12 38	12 27	19 14	19 33	6 1	14 45	7 10
W24	13 11	25 25	2 22	2 19	2 29	26 44	3 49	19 47	2 23	22 41	0 27	18 53	0 29	16 35	0 26	20 51	1 31	12 38	12 27	19 14	19 32	6 4	14 44	7 10
T 25	13 30	26 25	3 19	2 52	2 30	26 51	3 52	19 39	2 22	22 41	0 27	18 53	0 29	16 36	0 26	20 51	1 31	12 39	12 26	19 15	19 31	6 7	14 43	7 11
F 26	13 49	26 5	4 8	3 26	2 31	26 58	3 56	19 31	2 20	22 42	0 27	18 52	0 29	16 37	0 26	20 51	1 31	12 39	12 26	19 15	19 31	6 10	14 42	7 12
S 27	14 8	24 20	4 46	4 1	2 32	27 4	3 59	19 23	2 19	22 42	0 26	18 52	0 29	16 38	0 26	20 52	1 31	12 39	12 26	19 15	19 30	6 13	14 42	7 13
S 28	14 27	21 13	5 9	4 37	2 32	27 9	4 2	19 14	2 18	22 43	0 26	18 52	0 29	16 39	0 26	20 52	1 31	12 39	12 26	19 15	19 29	6 16	14 41	7 13
M29	14 46	16 52	5 16	5 13	2 31	27 14	4 5	19 6	2 16	22 43	0 26	18 51	0 29	16 40	0 26	20 52	1 31	12 40	12 26	19 15	19 28	6 19	14 40	7 14
T 30	15n 4	11s28	5s 4	5n50	2s30	27n18	4n 8	18n58	2n15	22n44	0s26	18s51	0n29	16n41	0s26	20n52	1s31	12n40	12n26	19n15	19n28	6s22	14s40	7n15

Julian Day Number = 3071452.5, Delta T = 02h36m44s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'10, Lahiri = 47°39'11

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

MAY 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 41 38	12♉13'57	27♓ 9	22♈44	27♊19	13♌17	26♊16	2♒58	18♉16	14♊53	26°R47	26°R40	27♉37	23♎40	19°R22	W 1
T 2	14 45 34	13°13'07	12♈ 2	24°23	28° 9	13°43	26°28	2°59	18°19	14°55	26♍46	26♉39	27°34	23°46	19♏22	T 2
F 3	14 49 31	14°12'15	27° 7	26° 5	28°59	14° 9	26°40	3° 0	18°22	14°57	26°45	26°37	27°31	23°53	19°21	F 3
S 4	14 53 28	15°11'21	12♉16	27°48	29°47	14°36	26°52	3° 1	18°26	14°59	26°44	26°36	27°27	24° 0	19°21	S 4
S 5	14 57 24	16°10'25	27°19	29°32	0♋35	15° 2	27° 4	3° 1	18°29	15° 1	26°43	26°D36	27°24	24° 6	19°20	S 5
M 6	15 1 21	17° 9'28	12♊ 7	1♉18	1°22	15°29	27°17	3° 2	18°33	15° 4	26°43	26°36	27°21	24°13	19°19	M 6
T 7	15 5 17	18° 8'28	26°34	3° 5	2° 8	15°56	27°29	3° 2	18°36	15° 6	26°42	26°37	27°18	24°20	19°18	T 7
W 8	15 9 14	19° 7'27	10♋36	4°54	2°53	16°23	27°42	3° 3	18°40	15° 8	26°41	26°38	27°15	24°26	19°17	W 8
T 9	15 13 10	20° 6'23	24°11	6°44	3°37	16°50	27°54	3° 3	18°43	15°10	26°40	26°38	27°12	24°33	19°16	T 9
F 10	15 17 7	21° 5'17	7♌19	8°36	4°20	17°18	28° 7	3° 3	18°46	15°12	26°39	26°39	27° 8	24°40	19°15	F 10
S 11	15 21 3	22° 4'08	20° 5	10°29	5° 2	17°46	28°19	3°R 3	18°50	15°14	26°39	26°R39	27° 5	24°46	19°14	S 11
S 12	15 25 0	23° 2'58	2♍31	12°24	5°43	18°14	28°32	3° 3	18°53	15°16	26°38	26°39	27° 2	24°53	19°12	S 12
M13	15 28 57	24° 1'45	14°41	14°20	6°22	18°42	28°45	3° 3	18°57	15°18	26°37	26°39	26°59	25° 0	19°11	M13
T 14	15 32 53	25° 0'30	26°40	16°18	7° 1	19°10	28°58	3° 2	19° 0	15°20	26°36	26°39	26°56	25° 6	19°10	T 14
W15	15 36 50	25°59'13	8♎32	18°18	7°38	19°38	29°11	3° 2	19° 4	15°22	26°36	26°38	26°52	25°13	19° 8	W15
T 16	15 40 46	26°57'54	20°21	20°19	8°14	20° 7	29°24	3° 2	19° 7	15°25	26°35	26°D38	26°49	25°20	19° 6	T 16
F 17	15 44 43	27°56'33	2♏10	22°21	8°49	20°35	29°37	3° 1	19°10	15°27	26°35	26°38	26°46	25°26	19° 5	F 17
S 18	15 48 39	28°55'10	14° 2	24°25	9°22	21° 4	29°50	3° 0	19°14	15°29	26°34	26°39	26°43	25°33	19° 3	S 18
S 19	15 52 36	29°53'45	25°59	26°29	9°54	21°33	0♌ 3	3° 0	19°17	15°31	26°33	26°R39	26°40	25°40	19° 1	S 19
M20	15 56 32	0♊52'18	8♐ 4	28°35	10°25	22° 2	0°16	2°59	19°21	15°33	26°33	26°39	26°37	25°46	18°59	M20
T 21	16 0 29	1°50'50	20°18	0♊43	10°54	22°32	0°29	2°58	19°24	15°36	26°33	26°38	26°33	25°53	18°57	T 21
W22	16 4 26	2°49'20	2♑43	2°50	11°21	23° 1	0°43	2°57	19°27	15°38	26°32	26°38	26°30	26° 0	18°55	W22
T 23	16 8 22	3°47'48	15°21	4°59	11°47	23°31	0°56	2°56	19°31	15°40	26°32	26°37	26°27	26° 6	18°52	T 23
F 24	16 12 19	4°46'14	28°13	7° 8	12°11	24° 0	1° 9	2°54	19°34	15°42	26°31	26°36	26°24	26°13	18°50	F 24
S 25	16 16 15	5°44'39	11♒20	9°17	12°33	24°30	1°23	2°53	19°37	15°44	26°31	26°35	26°21	26°20	18°48	S 25
S 26	16 20 12	6°43'03	24°44	11°27	12°53	25° 0	1°36	2°52	19°41	15°47	26°31	26°34	26°18	26°26	18°45	S 26
M27	16 24 8	7°41'25	8♓26	13°36	13°12	25°30	1°49	2°50	19°44	15°49	26°30	26°D34	26°14	26°33	18°43	M27
T 28	16 28 5	8°39'46	22°26	15°44	13°28	26° 0	2° 3	2°49	19°47	15°51	26°30	26°34	26°11	26°39	18°40	T 28
W29	16 32 1	9°38'05	6♈44	17°52	13°43	26°31	2°16	2°47	19°51	15°53	26°30	26°35	26° 8	26°46	18°38	W29
T 30	16 35 58	10°36'22	21°16	19°58	13°55	27° 1	2°30	2°45	19°54	15°56	26°29	26°36	26° 5	26°53	18°35	T 30
F 31	16 39 55	11♊34'39	5♉59	22♊ 3	14♋ 6	27♌32	2♋44	2♒43	19♉57	15♊58	26♍29	26♉37	26♉ 2	26♎59	18♑32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n22	5s18	4s33	6n27	2s29	27n22	4n11	18n49	2n14	22n44	0s26	18s51	0n29	16n42	0s26	20n53	1s31	12n40	12n25	19n14	19n27	6s25	14s39	7n16
T 2	15 40	1n18	3 43	7 6	2 27	27 26	4 13	18 40	2 13	22 45	0 26	18 51	0 29	16 43	0 26	20 53	1 31	12 40	12 25	19 14	19 26	6 28	14 38	7 16
F 3	15 57	7 55	2 36	7 44	2 24	27 29	4 16	18 32	2 11	22 45	0 26	18 51	0 29	16 44	0 26	20 53	1 31	12 40	12 25	19 13	19 26	6 32	14 38	7 17
S 4	16 15	14 8	1 19	8 24	2 21	27 31	4 18	18 23	2 10	22 46	0 25	18 51	0 29	16 45	0 26	20 53	1 30	12 41	12 25	19 13	19 25	6 35	14 37	7 18
S 5	16 32	19 27	0n 4	9 3	2 18	27 34	4 20	18 14	2 9	22 46	0 25	18 50	0 29	16 45	0 26	20 53	1 30	12 41	12 25	19 13	19 24	6 38	14 36	7 18
M 6	16 48	23 27	1 25	9 44	2 14	27 35	4 22	18 5	2 7	22 47	0 25	18 50	0 29	16 46	0 26	20 54	1 30	12 41	12 24	19 13	19 23	6 41	14 36	7 19
T 7	17 5	25 49	2 39	10 24	2 9	27 36	4 24	17 56	2 6	22 47	0 25	18 50	0 29	16 47	0 26	20 54	1 30	12 41	12 24	19 13	19 23	6 44	14 35	7 20
W 8	17 21	26 28	3 41	11 5	2 4	27 37	4 26	17 46	2 5	22 47	0 25	18 50	0 29	16 48	0 26	20 54	1 30	12 41	12 24	19 14	19 22	6 47	14 35	7 20
T 9	17 37	25 29	4 28	11 46	1 59	27 38	4 27	17 37	2 4	22 48	0 25	18 50	0 29	16 49	0 26	20 54	1 30	12 41	12 24	19 14	19 21	6 50	14 34	7 21
F 10	17 52	23 6	5 0	12 27	1 53	27 38	4 29	17 27	2 3	22 48	0 25	18 50	0 29	16 50	0 26	20 55	1 30	12 41	12 23	19 14	19 21	6 53	14 34	7 22
S 11	18 7	19 39	5 15	13 9	1 47	27 37	4 30	17 18	2 1	22 48	0 24	18 50	0 29	16 51	0 26	20 55	1 30	12 41	12 23	19 14	19 20	6 56	14 33	7 23
S 12	18 22	15 24	5 16	13 50	1 40	27 37	4 31	17 8	2 0	22 49	0 24	18 50	0 28	16 52	0 26	20 55	1 30	12 41	12 23	19 14	19 19	6 59	14 33	7 23
M13	18 37	10 38	5 2	14 31	1 33	27 35	4 31	16 58	1 59	22 49	0 24	18 50	0 28	16 53	0 26	20 55	1 30	12 42	12 23	19 14	19 18	7 3	14 32	7 24
T 14	18 51	5 32	4 35	15 12	1 25	27 34	4 32	16 49	1 58	22 49	0 24	18 50	0 28	16 54	0 26	20 56	1 30	12 42	12 22	19 14	19 18	7 6	14 32	7 25
W15	19 5	0 17	3 57	15 53	1 17	27 32	4 32	16 39	1 57	22 49	0 24	18 51	0 28	16 55	0 26	20 56	1 30	12 42	12 22	19 14	19 17	7 9	14 31	7 25
T 16	19 18	4s58	3 8	16 34	1 8	27 30	4 32	16 29	1 56	22 49	0 24	18 51	0 28	16 56	0 26	20 56	1 30	12 42	12 22	19 14	19 16	7 12	14 31	7 26
F 17	19 31	10 3	2 12	17 14	0 59	27 27	4 32	16 18	1 54	22 50	0 24	18 51	0 28	16 57	0 26	20 56	1 30	12 42	12 22	19 14	19 15	7 15	14 30	7 26
S 18	19 44	14 48	1 10	17 54	0 50	27 25	4 32	16 8	1 53	22 50	0 24	18 51	0 28	16 58	0 26	20 57	1 30	12 42	12 21	19 14	19 15	7 18	14 30	7 27
S 19	19 57	19 1	0 4	18 32	0 40	27 21	4 31	15 58	1 52	22 50	0 23	18 51	0 28	16 59	0 26	20 57	1 30	12 42	12 21	19 14	19 14	7 21	14 30	7 28
M20	20 9	22 29	1s 3	19 10	0 30	27 18	4 30	15 47	1 51	22 50	0 23	18 51	0 28	16 59	0 26	20 57	1 30	12 41	12 21	19 14	19 13	7 24	14 29	7 28
T 21	20 21	25 0	2 8	19 47	0 20	27 14	4 28	15 37	1 50	22 50	0 23	18 52	0 28	17 0	0 26	20 57	1 30	12 41	12 21	19 14	19 13	7 27	14 29	7 29
W22	20 32	26 19	3 7	20 22	0 10	27 10	4 27	15 26	1 49	22 50	0 23	18 52	0 28	17 1	0 26	20 58	1 30	12 41	12 20	19 14	19 12	7 30	14 29	7 30
T 23	20 43	26 18	3 59	20 57	0n 0	27 6	4 25	15 15	1 48	22 50	0 23	18 52	0 28	17 2	0 26	20 58	1 30	12 41	12 20	19 13	19 11	7 34	14 28	7 30
F 24	20 54	24 53	4 39	21 29	0 11	27 2	4 23	15 5	1 47	22 50	0 23	18 53	0 28	17 3	0 26	20 58	1 30	12 41	12 20	19 13	19 10	7 37	14 28	7 31
S 25	21 4	22 7	5 6	22 0	0 22	26 57	4 20	14 54	1 46	22 50	0 23	18 53	0 28	17 4	0 26	20 58	1 30	12 41	12 19	19 13	19 10	7 40	14 28	7 31
S 26	21 14	18 8	5 17	22 29	0 32	26 52	4 17	14 43	1 45	22 50	0 23	18 53	0 28	17 5	0 26	20 59	1 30	12 41	12 19	19 13	19 9	7 43	14 28	7 32
M27	21 24	13 8	5 10	22 56	0 42	26 47	4 14	14 32	1 43	22 50	0 23	18 54	0 28	17 6	0 26	20 59	1 30	12 41	12 19	19 13	19 8	7 46	14 27	7 32
T 28	21 33	7 21	4 45	23 20	0 52	26 42	4 10	14 21	1 42	22 50	0 22	18 54	0 28	17 7	0 26	20 59	1 30	12 41	12 19	19 13	19 7	7 49	14 27	7 33
W29	21 42	1 4	4 3	23 42	1 2	26 36	4 6	14 9	1 41	22 50	0 22	18 54	0 28	17 7	0 26	20 59	1 30	12 40	12 18	19 13	19 7	7 52	14 27	7 34
T 30	21 50	5n23	3 4	24 2	1 12	26 30	4 2	13 58	1 40	22 50	0 22	18 55	0 28	17 8	0 26	21 0	1 30	12 40	12 18	19 13	19 6	7 55	14 27	7 34
F 31	21n58	11n38	1s52	24n20	1n21	26n24	3n57	13n47	1n39	22n50	0s22	18s55	0n28	17n 9	0s26	21n 0	1s30	12n40	12n18	19n13	19n 5	7s58	14s27	7n35

Julian Day Number = 3071482.5, Delta T = 02h36m45s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'14, Lahiri = 47°39'15

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

JUNE 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 43 51	12♊32'54	20♉48	24♊ 6	14♋14	28♌ 3	2♋57	2°R41	20♉ 0	16♊ 0	26°R29	26°R38	25♉58	27♎ 6	18°R29	S 1
S 2	16 47 48	13°31'07	5♊35	26° 7	14°20	28°33	3°11	2♒39	20° 4	16° 2	26♍29	26♉38	25°55	27°13	18♏26	S 2
M 3	16 51 44	14°29'19	20°14	28° 5	14°24	29° 4	3°25	2°37	20° 7	16° 5	26°29	26°37	25°52	27°19	18°23	M 3
T 4	16 55 41	15°27'29	4♋37	0♋ 1	14°R25	29°36	3°38	2°35	20°10	16° 7	26°29	26°35	25°49	27°26	18°20	T 4
W 5	16 59 37	16°25'38	18°39	1°55	14°24	0♍ 7	3°52	2°33	20°13	16° 9	26°29	26°32	25°46	27°33	18°17	W 5
T 6	17 3 34	17°23'45	2♌18	3°45	14°21	0°38	4° 6	2°30	20°16	16°11	26°D29	26°29	25°43	27°39	18°14	T 6
F 7	17 7 31	18°21'50	15°32	5°33	14°15	1° 9	4°20	2°28	20°20	16°14	26°29	26°26	25°39	27°46	18°11	F 7
S 8	17 11 27	19°19'53	28°22	7°17	14° 7	1°41	4°34	2°25	20°23	16°16	26°29	26°24	25°36	27°53	18° 8	S 8
S 9	17 15 24	20°17'55	10♍51	8°58	13°56	2°13	4°47	2°22	20°26	16°18	26°29	26°23	25°33	27°59	18° 4	S 9
M10	17 19 20	21°15'54	23° 3	10°36	13°43	2°44	5° 1	2°20	20°29	16°21	26°29	26°D22	25°30	28° 6	18° 1	M10
T 11	17 23 17	22°13'52	5♎ 2	12°10	13°27	3°16	5°15	2°17	20°32	16°23	26°29	26°23	25°27	28°13	17°58	T 11
W12	17 27 13	23°11'48	16°53	13°41	13° 9	3°48	5°29	2°14	20°35	16°25	26°29	26°24	25°24	28°19	17°54	W12
T 13	17 31 10	24° 9'43	28°42	15° 9	12°49	4°20	5°43	2°11	20°38	16°27	26°30	26°26	25°20	28°26	17°51	T 13
F 14	17 35 6	25° 7'36	10♏32	16°33	12°27	4°52	5°57	2° 8	20°41	16°30	26°30	26°28	25°17	28°33	17°47	F 14
S 15	17 39 3	26° 5'27	22°28	17°53	12° 2	5°24	6°11	2° 5	20°44	16°32	26°30	26°R29	25°14	28°39	17°43	S 15
S 16	17 43 0	27° 3'17	4♐33	19° 9	11°35	5°57	6°25	2° 2	20°47	16°34	26°30	26°29	25°11	28°46	17°40	S 16
M17	17 46 56	28° 1'06	16°49	20°22	11° 6	6°29	6°39	1°59	20°50	16°36	26°31	26°27	25° 8	28°53	17°36	M17
T 18	17 50 53	28°58'53	29°19	21°31	10°36	7° 1	6°53	1°55	20°53	16°38	26°31	26°24	25° 4	28°59	17°32	T 18
W19	17 54 49	29°56'39	12♑ 3	22°36	10° 4	7°34	7° 7	1°52	20°55	16°41	26°31	26°19	25° 1	29° 6	17°29	W19
T 20	17 58 46	0♋54'23	25° 2	23°38	9°30	8° 7	7°21	1°48	20°58	16°43	26°32	26°14	24°58	29°13	17°25	T 20
F 21	18 2 42	1°52'07	8♒14	24°35	8°55	8°39	7°35	1°45	21° 1	16°45	26°32	26° 8	24°55	29°19	17°21	F 21
S 22	18 6 39	2°49'49	21°40	25°28	8°19	9°12	7°49	1°41	21° 4	16°47	26°33	26° 3	24°52	29°26	17°17	S 22
S 23	18 10 35	3°47'31	5♓18	26°18	7°43	9°45	8° 3	1°38	21° 7	16°49	26°33	25°58	24°49	29°33	17°13	S 23
M24	18 14 32	4°45'11	19° 7	27° 3	7° 6	10°18	8°17	1°34	21° 9	16°52	26°34	25°56	24°45	29°39	17°10	M24
T 25	18 18 29	5°42'51	3♈ 6	27°43	6°28	10°51	8°31	1°30	21°12	16°54	26°34	25°D55	24°42	29°46	17° 6	T 25
W26	18 22 25	6°40'30	17°14	28°20	5°50	11°24	8°45	1°27	21°15	16°56	26°35	25°55	24°39	29°53	17° 2	W26
T 27	18 26 22	7°38'08	1♉29	28°52	5°13	11°57	8°59	1°23	21°17	16°58	26°35	25°56	24°36	29°59	16°58	T 27
F 28	18 30 18	8°35'45	15°50	29°20	4°36	12°31	9°13	1°19	21°20	17° 0	26°36	25°57	24°33	0♏ 6	16°54	F 28
S 29	18 34 15	9°33'22	0♊13	29°43	3°59	13° 4	9°27	1°15	21°22	17° 2	26°37	25°R58	24°30	0°13	16°50	S 29
S 30	18 38 11	10♋30'58	14♊36	0♌ 1	3♋24	13♍37	9♋41	1♒11	21♉25	17♊ 4	26♍38	25♉56	24♉26	0♏19	16♑46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 6	17n16	0s32	24n35	1n29	26n18	3n51	13n35	1n38	22n49	0s22	18s56	0n28	17n10	0s26	21n 0	1s30	12n40	12n17	19n14	19n 4	8s 1	14s26	7n35
S 2	22 13	21 51	0n49	24 47	1 37	26 12	3 46	13 24	1 37	22 49	0 22	18 56	0 28	17 11	0 26	21 0	1 30	12 40	12 17	19 14	19 4	8 4	14 26	7 36
M 3	22 20	24 58	2 7	24 57	1 45	26 5	3 39	13 12	1 36	22 49	0 22	18 57	0 28	17 12	0 26	21 1	1 30	12 39	12 17	19 13	19 3	8 7	14 26	7 36
T 4	22 26	26 23	3 15	25 4	1 51	25 58	3 33	13 0	1 35	22 49	0 22	18 57	0 28	17 13	0 26	21 1	1 30	12 39	12 17	19 13	19 2	8 11	14 26	7 37
W 5	22 32	26 3	4 9	25 10	1 57	25 51	3 25	12 48	1 34	22 48	0 22	18 58	0 28	17 13	0 26	21 1	1 30	12 39	12 16	19 12	19 1	8 14	14 26	7 37
T 6	22 38	24 8	4 48	25 12	2 2	25 44	3 18	12 36	1 33	22 48	0 21	18 59	0 28	17 14	0 26	21 1	1 30	12 39	12 16	19 12	19 1	8 17	14 26	7 38
F 7	22 43	20 58	5 9	25 13	2 6	25 37	3 10	12 24	1 32	22 48	0 21	18 59	0 27	17 15	0 26	21 2	1 30	12 38	12 16	19 11	19 0	8 20	14 26	7 38
S 8	22 48	16 51	5 15	25 11	2 10	25 29	3 1	12 12	1 31	22 47	0 21	19 0	0 27	17 16	0 26	21 2	1 30	12 38	12 15	19 10	18 59	8 23	14 26	7 38
S 9	22 52	12 8	5 5	25 8	2 13	25 21	2 52	12 0	1 30	22 47	0 21	19 0	0 27	17 17	0 26	21 2	1 30	12 38	12 15	19 10	18 58	8 26	14 26	7 39
M10	22 56	7 3	4 42	25 2	2 14	25 13	2 42	11 48	1 29	22 47	0 21	19 1	0 27	17 18	0 26	21 2	1 30	12 38	12 15	19 10	18 58	8 29	14 26	7 39
T 11	23 0	1 48	4 6	24 55	2 15	25 4	2 32	11 36	1 29	22 46	0 21	19 2	0 27	17 18	0 26	21 2	1 30	12 37	12 15	19 10	18 57	8 32	14 26	7 40
W12	23 3	3s29	3 21	24 46	2 15	24 55	2 21	11 23	1 28	22 46	0 21	19 2	0 27	17 19	0 26	21 3	1 30	12 37	12 14	19 10	18 56	8 35	14 26	7 40
T 13	23 6	8 38	2 27	24 36	2 14	24 46	2 10	11 11	1 27	22 45	0 21	19 3	0 27	17 20	0 26	21 3	1 30	12 36	12 14	19 11	18 55	8 38	14 26	7 40
F 14	23 8	13 29	1 26	24 24	2 13	24 37	1 59	10 58	1 26	22 45	0 21	19 4	0 27	17 21	0 26	21 3	1 30	12 36	12 14	19 11	18 55	8 41	14 26	7 41
S 15	23 10	17 52	0 22	24 11	2 10	24 27	1 47	10 46	1 25	22 44	0 21	19 5	0 27	17 21	0 26	21 3	1 30	12 36	12 13	19 11	18 54	8 44	14 26	7 41
S 16	23 11	21 35	0s44	23 57	2 7	24 17	1 34	10 33	1 24	22 44	0 20	19 5	0 27	17 22	0 26	21 4	1 30	12 35	12 13	19 11	18 53	8 47	14 26	7 42
M17	23 12	24 23	1 49	23 42	2 2	24 7	1 21	10 20	1 23	22 43	0 20	19 6	0 27	17 23	0 26	21 4	1 30	12 35	12 13	19 11	18 52	8 51	14 26	7 42
T 18	23 13	26 3	2 50	23 27	1 57	23 56	1 8	10 8	1 22	22 43	0 20	19 7	0 27	17 24	0 26	21 4	1 30	12 35	12 12	19 10	18 52	8 54	14 26	7 42
W19	23 13	26 23	3 43	23 10	1 51	23 45	0 55	9 55	1 21	22 42	0 20	19 8	0 27	17 24	0 26	21 4	1 30	12 34	12 12	19 9	18 51	8 57	14 27	7 43
T 20	23 13	25 18	4 26	22 53	1 44	23 34	0 41	9 42	1 20	22 41	0 20	19 9	0 27	17 25	0 26	21 4	1 30	12 34	12 12	19 8	18 50	9 0	14 27	7 43
F 21	23 13	22 48	4 56	22 35	1 36	23 22	0 27	9 29	1 19	22 41	0 20	19 9	0 27	17 26	0 26	21 5	1 30	12 33	12 12	19 7	18 49	9 3	14 27	7 43
S 22	23 12	19 3	5 10	22 16	1 27	23 11	0 13	9 16	1 18	22 40	0 20	19 10	0 27	17 27	0 26	21 5	1 30	12 33	12 11	19 5	18 49	9 6	14 27	7 43
S 23	23 10	14 14	5 7	21 58	1 17	22 59	0s 1	9 3	1 18	22 39	0 20	19 11	0 27	17 27	0 26	21 5	1 30	12 32	12 11	19 4	18 48	9 9	14 27	7 44
M24	23 8	8 39	4 46	21 39	1 7	22 46	0 16	8 49	1 17	22 38	0 20	19 12	0 27	17 28	0 26	21 5	1 30	12 32	12 11	19 4	18 47	9 12	14 28	7 44
T 25	23 6	2 35	4 8	21 20	0 55	22 34	0 30	8 36	1 16	22 38	0 20	19 13	0 26	17 29	0 26	21 5	1 30	12 31	12 10	19 4	18 46	9 15	14 28	7 44
W26	23 3	3n42	3 15	21 1	0 43	22 21	0 44	8 23	1 15	22 37	0 19	19 14	0 26	17 29	0 26	21 6	1 30	12 31	12 10	19 4	18 46	9 18	14 28	7 44
T 27	23 0	9 52	2 9	20 42	0 30	22 9	0 59	8 10	1 14	22 36	0 19	19 15	0 26	17 30	0 26	21 6	1 30	12 30	12 10	19 4	18 45	9 21	14 28	7 45
F 28	22 57	15 33	0 55	20 23	0 17	21 56	1 13	7 56	1 13	22 35	0 19	19 15	0 26	17 31	0 26	21 6	1 30	12 30	12 10	19 4	18 44	9 24	14 29	7 45
S 29	22 53	20 23	0n23	20 4	0 2	21 43	1 27	7 43	1 12	22 34	0 19	19 16	0 26	17 31	0 26	21 6	1 30	12 29	12 9	19 4	18 43	9 27	14 29	7 45
S 30	22n49	23n59	1n39	19n46	0s12	21n31	1s40	7n29	1n12	22n33	0s19	19s17	0n26	17n32	0s26	21n 6	1s30	12n29	12n 9	19n 4	18n43	9s30	14s29	7n45

Julian Day Number = 3071513.5, Delta T = 02h36m46s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'19, Lahiri = 47°39'19

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

JULY 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 42 8	11♋28'33	28♊53	0♌15	2°R49	14♍11	9♋55	1°R 7	21♉27	17♊ 7	26♍38	25°R53	24♉23	0♏26	16°R42	M 1
T 2	18 46 5	12°26'07	12♋59	0°25	2♋16	14°45	10° 9	1♒ 3	21°30	17° 9	26°39	25♉47	24°20	0°33	16♑38	T 2
W 3	18 50 1	13°23'40	26°49	0°29	1°45	15°18	10°23	0°59	21°32	17°11	26°40	25°40	24°17	0°39	16°34	W 3
T 4	18 53 58	14°21'12	10♌21	0°R29	1°15	15°52	10°37	0°55	21°35	17°13	26°41	25°32	24°14	0°46	16°30	T 4
F 5	18 57 54	15°18'44	23°32	0°25	0°46	16°26	10°51	0°50	21°37	17°15	26°41	25°24	24°10	0°53	16°26	F 5
S 6	19 1 51	16°16'14	6♍21	0°17	0°20	17° 0	11° 5	0°46	21°39	17°17	26°42	25°17	24° 7	0°59	16°22	S 6
S 7	19 5 47	17°13'43	18°50	0° 4	29♊55	17°34	11°19	0°42	21°42	17°19	26°43	25°11	24° 4	1° 6	16°18	S 7
M 8	19 9 44	18°11'11	1♎ 3	29♋47	29°33	18° 8	11°33	0°38	21°44	17°21	26°44	25° 7	24° 1	1°13	16°14	M 8
T 9	19 13 40	19° 8'37	13° 3	29°26	29°13	18°42	11°47	0°33	21°46	17°23	26°45	25° 6	23°58	1°19	16°10	T 9
W10	19 17 37	20° 6'03	24°54	29° 3	28°56	19°16	12° 1	0°29	21°48	17°25	26°46	25°D 6	23°55	1°26	16° 6	W10
T 11	19 21 34	21° 3'28	6♏44	28°36	28°40	19°50	12°15	0°25	21°50	17°27	26°47	25° 6	23°51	1°33	16° 2	T 11
F 12	19 25 30	22° 0'53	18°35	28° 6	28°27	20°25	12°29	0°20	21°52	17°29	26°48	25° 7	23°48	1°39	15°58	F 12
S 13	19 29 27	22°58'16	0♐34	27°35	28°17	20°59	12°43	0°16	21°55	17°31	26°49	25°R 7	23°45	1°46	15°54	S 13
S 14	19 33 23	23°55'38	12°45	27° 2	28° 8	21°33	12°57	0°12	21°57	17°33	26°50	25° 6	23°42	1°52	15°50	S 14
M15	19 37 20	24°53'00	25°11	26°28	28° 3	22° 8	13°11	0° 7	21°59	17°35	26°51	25° 2	23°39	1°59	15°46	M15
T 16	19 41 16	25°50'21	7♑56	25°53	27°59	22°42	13°25	0° 3	22° 0	17°36	26°52	24°56	23°36	2° 6	15°42	T 16
W17	19 45 13	26°47'42	20°59	25°19	27°D58	23°17	13°38	29♑58	22° 2	17°38	26°54	24°48	23°32	2°12	15°38	W17
T 18	19 49 9	27°45'02	4♒20	24°45	27°59	23°52	13°52	29°54	22° 4	17°40	26°55	24°38	23°29	2°19	15°34	T 18
F 19	19 53 6	28°42'21	17°58	24°13	28° 3	24°26	14° 6	29°49	22° 6	17°42	26°56	24°27	23°26	2°26	15°30	F 19
S 20	19 57 3	29°39'40	1♓48	23°43	28° 9	25° 1	14°20	29°45	22° 8	17°44	26°57	24°18	23°23	2°32	15°26	S 20
S 21	20 0 59	0♌36'59	15°49	23°15	28°17	25°36	14°34	29°40	22°10	17°46	26°58	24° 9	23°20	2°39	15°23	S 21
M22	20 4 56	1°34'17	29°55	22°50	28°27	26°11	14°47	29°36	22°11	17°47	27° 0	24° 4	23°16	2°46	15°19	M22
T 23	20 8 52	2°31'36	14♈ 4	22°28	28°39	26°46	15° 1	29°32	22°13	17°49	27° 1	24° 0	23°13	2°52	15°15	T 23
W24	20 12 49	3°28'54	28°13	22°10	28°53	27°21	15°15	29°27	22°14	17°51	27° 2	23°D59	23°10	2°59	15°11	W24
T 25	20 16 45	4°26'13	12♉21	21°56	29° 9	27°56	15°28	29°23	22°16	17°52	27° 4	23°59	23° 7	3° 6	15° 8	T 25
F 26	20 20 42	5°23'32	26°27	21°46	29°27	28°31	15°42	29°18	22°18	17°54	27° 5	23°R59	23° 4	3°12	15° 4	F 26
S 27	20 24 38	6°20'50	10♊29	21°41	29°47	29° 6	15°55	29°14	22°19	17°56	27° 6	23°58	23° 1	3°19	15° 1	S 27
S 28	20 28 35	7°18'09	24°27	21°D41	0♋ 9	29°42	16° 9	29° 9	22°20	17°57	27° 8	23°55	22°57	3°26	14°57	S 28
M29	20 32 32	8°15'28	8♋19	21°45	0°33	0♎17	16°22	29° 5	22°22	17°59	27° 9	23°50	22°54	3°32	14°54	M29
T 30	20 36 28	9°12'47	22° 1	21°55	0°58	0°52	16°36	29° 1	22°23	18° 1	27°11	23°41	22°51	3°39	14°50	T 30
W31	20 40 25	10♌10'06	5♌31	22♋ 9	1♋24	1♎28	16♋49	28♑56	22♉24	18♊ 2	27♍12	23♉30	22♉48	3♏46	14♑47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n44	26n 1	2n48	19n28	0s28	21n18	1s53	7n16	1n11	22n32	0s19	19s18	0n26	17n33	0s26	21n 7	1s30	12n28	12n 9	19n 3	18n42	9s33	14s30	7n45
T 2	22 39	26 21	3 46	19 10	0 44	21 6	2 6	7 2	1 10	22 31	0 19	19 19	0 26	17 33	0 26	21 7	1 30	12 28	12 8	19 2	18 41	9 36	14 30	7 45
W 3	22 33	25 1	4 30	18 53	1 0	20 54	2 19	6 48	1 9	22 30	0 19	19 20	0 26	17 34	0 26	21 7	1 30	12 27	12 8	19 0	18 40	9 39	14 30	7 45
T 4	22 27	22 15	4 57	18 36	1 17	20 42	2 31	6 34	1 8	22 29	0 19	19 21	0 26	17 35	0 26	21 7	1 30	12 27	12 8	18 58	18 39	9 43	14 31	7 46
F 5	22 21	18 23	5 7	18 21	1 34	20 31	2 42	6 21	1 7	22 28	0 19	19 22	0 26	17 35	0 26	21 7	1 30	12 26	12 8	18 56	18 39	9 46	14 31	7 46
S 6	22 14	13 46	5 2	18 6	1 51	20 20	2 53	6 7	1 7	22 27	0 19	19 23	0 26	17 36	0 26	21 7	1 30	12 25	12 7	18 55	18 38	9 49	14 31	7 46
S 7	22 7	8 42	4 42	17 52	2 8	20 9	3 4	5 53	1 6	22 26	0 19	19 24	0 26	17 36	0 26	21 8	1 30	12 25	12 7	18 53	18 37	9 52	14 32	7 46
M 8	22 0	3 24	4 9	17 38	2 25	19 59	3 14	5 39	1 5	22 25	0 18	19 25	0 26	17 37	0 26	21 8	1 30	12 24	12 7	18 52	18 36	9 55	14 32	7 46
T 9	21 52	1s56	3 26	17 26	2 42	19 50	3 24	5 25	1 4	22 24	0 18	19 26	0 26	17 37	0 26	21 8	1 30	12 24	12 6	18 52	18 36	9 58	14 33	7 46
W10	21 44	7 9	2 35	17 15	2 59	19 40	3 33	5 11	1 3	22 23	0 18	19 27	0 25	17 38	0 26	21 8	1 30	12 23	12 6	18 52	18 35	10 1	14 33	7 46
T 11	21 35	12 6	1 37	17 5	3 14	19 32	3 41	4 57	1 3	22 22	0 18	19 28	0 25	17 38	0 26	21 8	1 30	12 22	12 6	18 52	18 34	10 4	14 33	7 46
F 12	21 26	16 38	0 35	16 56	3 29	19 24	3 49	4 43	1 2	22 21	0 18	19 29	0 25	17 39	0 26	21 8	1 30	12 22	12 6	18 52	18 33	10 7	14 34	7 46
S 13	21 17	20 34	0s29	16 48	3 44	19 16	3 57	4 29	1 1	22 19	0 18	19 30	0 25	17 40	0 26	21 9	1 30	12 21	12 5	18 52	18 32	10 10	14 34	7 46
S 14	21 8	23 40	1 33	16 41	3 57	19 9	4 3	4 15	1 0	22 18	0 18	19 31	0 25	17 40	0 26	21 9	1 30	12 20	12 5	18 52	18 32	10 13	14 35	7 46
M15	20 58	25 42	2 34	16 35	4 9	19 3	4 10	4 0	0 59	22 17	0 18	19 32	0 25	17 41	0 26	21 9	1 30	12 20	12 5	18 51	18 31	10 16	14 35	7 46
T 16	20 47	26 27	3 28	16 31	4 20	18 57	4 16	3 46	0 59	22 16	0 18	19 33	0 25	17 41	0 26	21 9	1 30	12 19	12 5	18 50	18 30	10 19	14 36	7 46
W17	20 36	25 46	4 13	16 28	4 29	18 51	4 21	3 32	0 58	22 14	0 18	19 34	0 25	17 41	0 26	21 9	1 31	12 18	12 4	18 48	18 29	10 22	14 36	7 46
T 18	20 25	23 37	4 45	16 26	4 37	18 46	4 26	3 17	0 57	22 13	0 18	19 35	0 25	17 42	0 26	21 9	1 31	12 18	12 4	18 45	18 29	10 25	14 37	7 46
F 19	20 14	20 5	5 1	16 25	4 44	18 42	4 30	3 3	0 56	22 12	0 18	19 36	0 25	17 42	0 26	21 9	1 31	12 17	12 4	18 43	18 28	10 28	14 37	7 45
S 20	20 2	15 25	5 1	16 25	4 49	18 38	4 34	2 49	0 55	22 10	0 17	19 37	0 25	17 43	0 26	21 9	1 31	12 16	12 4	18 40	18 27	10 31	14 38	7 45
S 21	19 50	9 53	4 42	16 26	4 53	18 35	4 38	2 34	0 55	22 9	0 17	19 38	0 25	17 43	0 26	21 10	1 31	12 16	12 3	18 38	18 26	10 34	14 38	7 45
M22	19 38	3 48	4 6	16 28	4 54	18 32	4 41	2 20	0 54	22 7	0 17	19 39	0 24	17 44	0 26	21 10	1 31	12 15	12 3	18 37	18 25	10 37	14 39	7 45
T 23	19 25	2n29	3 15	16 31	4 55	18 29	4 44	2 5	0 53	22 6	0 17	19 40	0 24	17 44	0 26	21 10	1 31	12 14	12 3	18 36	18 25	10 40	14 39	7 45
W24	19 12	8 41	2 12	16 35	4 54	18 27	4 46	1 51	0 52	22 5	0 17	19 41	0 24	17 44	0 26	21 10	1 31	12 13	12 3	18 36	18 24	10 43	14 40	7 45
T 25	18 59	14 26	1 1	16 40	4 51	18 25	4 48	1 36	0 52	22 3	0 17	19 42	0 24	17 45	0 26	21 10	1 31	12 13	12 3	18 36	18 23	10 46	14 41	7 45
F 26	18 45	19 24	0n13	16 45	4 47	18 24	4 50	1 22	0 51	22 2	0 17	19 43	0 24	17 45	0 26	21 10	1 31	12 12	12 2	18 36	18 22	10 49	14 41	7 44
S 27	18 31	23 15	1 26	16 51	4 42	18 22	4 51	1 7	0 50	22 0	0 17	19 44	0 24	17 46	0 26	21 10	1 31	12 11	12 2	18 36	18 21	10 52	14 42	7 44
S 28	18 17	25 40	2 34	16 57	4 36	18 21	4 52	0 53	0 49	21 59	0 17	19 45	0 24	17 46	0 26	21 10	1 31	12 11	12 2	18 35	18 21	10 55	14 42	7 44
M29	18 2	26 29	3 32	17 4	4 29	18 21	4 53	0 38	0 49	21 57	0 17	19 46	0 24	17 46	0 26	21 11	1 31	12 10	12 2	18 34	18 20	10 58	14 43	7 44
T 30	17 47	25 40	4 17	17 11	4 20	18 20	4 53	0 23	0 48	21 56	0 17	19 47	0 24	17 47	0 26	21 11	1 31	12 9	12 2	18 32	18 19	11 1	14 44	7 43
W31	17n32	23n21	4n46	17n18	4s11	18n20	4s53	0n 9	0n47	21n54	0s17	19s48	0n24	17n47	0s26	21n11	1s31	12n 8	12n 1	18n29	18n18	11s 4	14s44	7n43

Julian Day Number = 3071543.5, Delta T = 02h36m47s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'23, Lahiri = 47°39'23

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

AUGUST 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 44 21	11♌ 7'25	18♌46	22♋29	1♋52	2♎ 3	17♋ 3	28°R52	22♉26	18♊ 4	27♍14	23°R18	22♉45	3♏52	14°R43	T 1
F 2	20 48 18	12° 4'44	1♍44	22°54	2°22	2°39	17°16	28♑48	22°27	18° 5	27°15	23♉ 6	22°42	3°59	14♑40	F 2
S 3	20 52 14	13° 2'02	14°26	23°23	2°53	3°15	17°29	28°44	22°28	18° 7	27°17	22°55	22°38	4° 6	14°37	S 3
S 4	20 56 11	13°59'21	26°50	23°58	3°26	3°50	17°42	28°39	22°29	18° 8	27°18	22°45	22°35	4°12	14°34	S 4
M 5	21 0 7	14°56'39	9♎ 0	24°38	3°59	4°26	17°56	28°35	22°30	18°10	27°20	22°39	22°32	4°19	14°30	M 5
T 6	21 4 4	15°53'57	20°58	25°23	4°35	5° 2	18° 9	28°31	22°31	18°11	27°21	22°34	22°29	4°26	14°27	T 6
W 7	21 8 1	16°51'15	2♏49	26°12	5°11	5°38	18°22	28°27	22°32	18°12	27°23	22°32	22°26	4°32	14°24	W 7
T 8	21 11 57	17°48'33	14°37	27° 7	5°48	6°13	18°35	28°23	22°33	18°14	27°24	22°32	22°22	4°39	14°21	T 8
F 9	21 15 54	18°45'51	26°29	28° 6	6°27	6°49	18°48	28°19	22°34	18°15	27°26	22°32	22°19	4°45	14°18	F 9
S 10	21 19 50	19°43'09	8♐28	29°10	7° 6	7°25	19° 1	28°15	22°35	18°16	27°28	22°31	22°16	4°52	14°15	S 10
S 11	21 23 47	20°40'27	20°42	0♌19	7°47	8° 2	19°14	28°11	22°36	18°18	27°29	22°29	22°13	4°59	14°13	S 11
M12	21 27 43	21°37'45	3♑14	1°33	8°29	8°38	19°27	28° 7	22°36	18°19	27°31	22°25	22°10	5° 5	14°10	M12
T 13	21 31 40	22°35'03	16° 7	2°51	9°12	9°14	19°39	28° 3	22°37	18°20	27°33	22°18	22° 7	5°12	14° 7	T 13
W14	21 35 37	23°32'22	29°24	4°13	9°55	9°50	19°52	27°59	22°38	18°21	27°35	22° 8	22° 3	5°19	14° 5	W14
T 15	21 39 33	24°29'40	13♒ 4	5°40	10°40	10°26	20° 5	27°55	22°38	18°22	27°36	21°57	22° 0	5°25	14° 2	T 15
F 16	21 43 30	25°26'59	27° 5	7°11	11°25	11° 3	20°17	27°52	22°39	18°23	27°38	21°45	21°57	5°32	14° 0	F 16
S 17	21 47 26	26°24'18	11♓21	8°46	12°11	11°39	20°30	27°48	22°39	18°25	27°40	21°34	21°54	5°39	13°57	S 17
S 18	21 51 23	27°21'37	25°47	10°25	12°58	12°15	20°43	27°45	22°40	18°26	27°42	21°25	21°51	5°45	13°55	S 18
M19	21 55 19	28°18'58	10♈17	12° 8	13°46	12°52	20°55	27°41	22°40	18°27	27°43	21°18	21°48	5°52	13°53	M19
T 20	21 59 16	29°16'19	24°44	13°54	14°35	13°28	21° 7	27°38	22°40	18°28	27°45	21°14	21°44	5°59	13°50	T 20
W21	22 3 12	0♍13'40	9♉ 6	15°44	15°24	14° 5	21°20	27°34	22°41	18°29	27°47	21°12	21°41	6° 5	13°48	W21
T 22	22 7 9	1°11'03	23°18	17°36	16°14	14°42	21°32	27°31	22°41	18°30	27°49	21°11	21°38	6°12	13°46	T 22
F 23	22 11 5	2° 8'27	7♊20	19°32	17° 5	15°18	21°44	27°28	22°41	18°31	27°51	21°11	21°35	6°19	13°44	F 23
S 24	22 15 2	3° 5'52	21°11	21°29	17°56	15°55	21°56	27°24	22°41	18°31	27°53	21°11	21°32	6°25	13°42	S 24
S 25	22 18 59	4° 3'17	4♋52	23°29	18°48	16°32	22° 8	27°21	22°41	18°32	27°54	21° 8	21°28	6°32	13°41	S 25
M26	22 22 55	5° 0'44	18°22	25°31	19°41	17° 9	22°20	27°18	22°R41	18°33	27°56	21° 2	21°25	6°39	13°39	M26
T 27	22 26 52	5°58'11	1♌41	27°34	20°34	17°46	22°32	27°15	22°41	18°34	27°58	20°54	21°22	6°45	13°37	T 27
W28	22 30 48	6°55'40	14°48	29°38	21°28	18°23	22°44	27°12	22°41	18°35	28° 0	20°43	21°19	6°52	13°36	W28
T 29	22 34 45	7°53'09	27°42	1♍42	22°22	19° 0	22°56	27° 9	22°41	18°35	28° 2	20°31	21°16	6°58	13°34	T 29
F 30	22 38 41	8°50'39	10♍24	3°47	23°17	19°37	23° 8	27° 7	22°41	18°36	28° 4	20°19	21°13	7° 5	13°33	F 30
S 31	22 42 38	9♍48'10	22♍52	5♍52	24♋13	20♎14	23♋19	27♑ 4	22♉41	18♊37	28♍ 6	20♉ 8	21♉ 9	7♏12	13♑31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17n17	19n49	5n 0	17n25	4s 0	18n20	4s53	0s 6	0n46	21n52	0s17	19s49	0n24	17n47	0s26	21n11	1s31	12n 7	12n 1	18n26	18n17	11s 7	14s45	7n43
F 2	17 1	15 24	4 58	17 32	3 49	18 20	4 52	0 21	0 46	21 51	0 16	19 50	0 23	17 47	0 26	21 11	1 31	12 7	12 1	18 23	18 17	11 10	14 45	7 43
S 3	16 45	10 23	4 40	17 38	3 38	18 20	4 52	0 35	0 45	21 49	0 16	19 51	0 23	17 48	0 26	21 11	1 31	12 6	12 1	18 20	18 16	11 13	14 46	7 42
S 4	16 29	5 5	4 10	17 45	3 25	18 20	4 51	0 50	0 44	21 48	0 16	19 52	0 23	17 48	0 26	21 11	1 31	12 5	12 1	18 18	18 15	11 16	14 47	7 42
M 5	16 12	0s20	3 29	17 51	3 13	18 20	4 50	1 5	0 44	21 46	0 16	19 53	0 23	17 48	0 26	21 11	1 31	12 4	12 0	18 16	18 14	11 19	14 47	7 42
T 6	15 56	5 39	2 39	17 56	2 59	18 21	4 48	1 19	0 43	21 44	0 16	19 54	0 23	17 49	0 26	21 11	1 31	12 4	12 0	18 15	18 13	11 22	14 48	7 41
W 7	15 39	10 44	1 43	18 0	2 46	18 21	4 47	1 34	0 42	21 43	0 16	19 55	0 23	17 49	0 26	21 11	1 31	12 3	12 0	18 14	18 13	11 25	14 49	7 41
T 8	15 21	15 25	0 42	18 4	2 32	18 21	4 45	1 49	0 41	21 41	0 16	19 56	0 23	17 49	0 26	21 11	1 31	12 2	12 0	18 14	18 12	11 28	14 49	7 41
F 9	15 4	19 32	0s21	18 6	2 18	18 22	4 43	2 4	0 41	21 39	0 16	19 56	0 23	17 49	0 26	21 12	1 31	12 1	12 0	18 14	18 11	11 31	14 50	7 40
S 10	14 46	22 54	1 23	18 7	2 3	18 22	4 41	2 18	0 40	21 38	0 16	19 57	0 23	17 49	0 26	21 12	1 31	12 0	12 0	18 14	18 10	11 34	14 50	7 40
S 11	14 28	25 17	2 23	18 7	1 49	18 22	4 38	2 33	0 39	21 36	0 16	19 58	0 23	17 50	0 26	21 12	1 31	12 0	12 0	18 14	18 9	11 37	14 51	7 40
M12	14 10	26 29	3 18	18 6	1 35	18 22	4 36	2 48	0 39	21 34	0 16	19 59	0 22	17 50	0 26	21 12	1 31	11 59	11 59	18 12	18 9	11 40	14 52	7 39
T 13	13 52	26 17	4 3	18 2	1 20	18 22	4 33	3 3	0 38	21 32	0 16	20 0	0 22	17 50	0 26	21 12	1 32	11 58	11 59	18 11	18 8	11 43	14 52	7 39
W14	13 33	24 37	4 38	17 57	1 6	18 22	4 30	3 17	0 37	21 31	0 16	20 1	0 22	17 50	0 27	21 12	1 32	11 57	11 59	18 8	18 7	11 46	14 53	7 38
T 15	13 14	21 29	4 57	17 51	0 52	18 21	4 28	3 32	0 36	21 29	0 16	20 2	0 22	17 50	0 27	21 12	1 32	11 56	11 59	18 5	18 6	11 49	14 54	7 38
F 16	12 55	17 4	4 59	17 42	0 38	18 21	4 24	3 47	0 36	21 27	0 15	20 2	0 22	17 50	0 27	21 12	1 32	11 56	11 59	18 2	18 5	11 52	14 54	7 38
S 17	12 36	11 37	4 43	17 30	0 25	18 20	4 21	4 2	0 35	21 25	0 15	20 3	0 22	17 50	0 27	21 12	1 32	11 55	11 59	18 0	18 5	11 55	14 55	7 37
S 18	12 17	5 28	4 9	17 17	0 12	18 19	4 18	4 16	0 34	21 23	0 15	20 4	0 22	17 50	0 27	21 12	1 32	11 54	11 59	17 57	18 4	11 58	14 56	7 37
M19	11 57	0n59	3 18	17 1	0n 1	18 18	4 15	4 31	0 34	21 22	0 15	20 5	0 22	17 51	0 27	21 12	1 32	11 53	11 58	17 55	18 3	12 1	14 56	7 36
T 20	11 37	7 24	2 15	16 43	0 13	18 16	4 11	4 46	0 33	21 20	0 15	20 6	0 22	17 51	0 27	21 12	1 32	11 52	11 58	17 54	18 2	12 4	14 57	7 36
W21	11 17	13 24	1 4	16 22	0 25	18 15	4 7	5 1	0 32	21 18	0 15	20 6	0 22	17 51	0 27	21 12	1 32	11 52	11 58	17 54	18 1	12 7	14 58	7 35
T 22	10 57	18 37	0n11	15 59	0 35	18 13	4 4	5 15	0 32	21 16	0 15	20 7	0 21	17 51	0 27	21 12	1 32	11 51	11 58	17 54	18 1	12 10	14 58	7 35
F 23	10 37	22 44	1 24	15 33	0 46	18 11	4 0	5 30	0 31	21 14	0 15	20 8	0 21	17 51	0 27	21 12	1 32	11 50	11 58	17 54	18 0	12 13	14 59	7 34
S 24	10 17	25 27	2 32	15 5	0 55	18 8	3 56	5 45	0 30	21 12	0 15	20 9	0 21	17 51	0 27	21 12	1 32	11 49	11 58	17 53	17 59	12 16	15 0	7 34
S 25	9 56	26 37	3 29	14 35	1 4	18 5	3 52	5 59	0 30	21 11	0 15	20 9	0 21	17 51	0 27	21 12	1 32	11 48	11 58	17 53	17 58	12 19	15 0	7 34
M26	9 35	26 11	4 14	14 2	1 12	18 2	3 48	6 14	0 29	21 9	0 15	20 10	0 21	17 51	0 27	21 12	1 32	11 48	11 58	17 51	17 57	12 22	15 1	7 33
T 27	9 14	24 14	4 45	13 27	1 19	17 59	3 44	6 28	0 28	21 7	0 15	20 11	0 21	17 51	0 27	21 12	1 32	11 47	11 58	17 49	17 56	12 25	15 2	7 33
W28	8 53	21 2	5 0	12 50	1 25	17 55	3 39	6 43	0 28	21 5	0 15	20 11	0 21	17 51	0 27	21 12	1 32	11 46	11 58	17 46	17 56	12 28	15 2	7 32
T 29	8 32	16 50	4 59	12 11	1 30	17 51	3 35	6 58	0 27	21 3	0 15	20 12	0 21	17 51	0 27	21 12	1 32	11 45	11 58	17 43	17 55	12 31	15 3	7 31
F 30	8 11	11 59	4 43	11 30	1 35	17 46	3 31	7 12	0 26	21 1	0 15	20 13	0 21	17 51	0 27	21 12	1 32	11 44	11 58	17 40	17 54	12 34	15 4	7 31
S 31	7n49	6n43	4n14	10n48	1n38	17n41	3s26	7s27	0n26	21n 0	0s14	20s13	0n21	17n51	0s27	21n12	1s32	11n44	11n58	17n37	17n53	12s37	15s 4	7n30

Julian Day Number = 3071574.5, Delta T = 02h36m47s
Ecliptic obliquity = 23°13'21, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'27, Lahiri = 47°39'28

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

SEPTEMBER 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 46 34	10♍45'41	5♎ 6	7♍57	25♋ 9	20♎51	23♋31	27°R 1	22°R41	18♊37	28♍ 8	19°R58	21♉ 6	7♏18	13°R30	S 1
M 2	22 50 31	11°43'14	17°10	10° 2	26° 5	21°28	23°42	26♑59	22♉40	18°38	28°10	19♉51	21° 3	7°25	13♑29	M 2
T 3	22 54 28	12°40'47	29° 4	12° 6	27° 2	22° 6	23°53	26°56	22°40	18°39	28°12	19°47	21° 0	7°32	13°28	T 3
W 4	22 58 24	13°38'21	10♏52	14° 9	27°59	22°43	24° 5	26°54	22°39	18°39	28°14	19°44	20°57	7°38	13°27	W 4
T 5	23 2 21	14°35'55	22°39	16°11	28°57	23°20	24°16	26°52	22°39	18°40	28°16	19°D44	20°54	7°45	13°26	T 5
F 6	23 6 17	15°33'31	4♐30	18°12	29°55	23°58	24°27	26°50	22°39	18°40	28°18	19°45	20°50	7°52	13°25	F 6
S 7	23 10 14	16°31'07	16°28	20°12	0♌53	24°35	24°38	26°48	22°38	18°41	28°20	19°R45	20°47	7°58	13°24	S 7
S 8	23 14 10	17°28'44	28°41	22°11	1°52	25°13	24°49	26°46	22°37	18°41	28°22	19°44	20°44	8° 5	13°24	S 8
M 9	23 18 7	18°26'22	11♑13	24° 8	2°51	25°50	25° 0	26°44	22°37	18°41	28°24	19°42	20°41	8°12	13°23	M 9
T 10	23 22 3	19°24'01	24° 9	26° 4	3°51	26°28	25°10	26°42	22°36	18°42	28°26	19°37	20°38	8°18	13°23	T 10
W11	23 26 0	20°21'41	7♒30	27°58	4°51	27° 6	25°21	26°40	22°35	18°42	28°28	19°31	20°34	8°25	13°22	W11
T 12	23 29 57	21°19'21	21°19	29°52	5°51	27°44	25°32	26°38	22°35	18°42	28°30	19°22	20°31	8°32	13°22	T 12
F 13	23 33 53	22°17'03	5♓33	1♎43	6°52	28°21	25°42	26°37	22°34	18°43	28°32	19°13	20°28	8°38	13°22	F 13
S 14	23 37 50	23°14'46	20° 7	3°34	7°53	28°59	25°52	26°35	22°33	18°43	28°34	19° 5	20°25	8°45	13°22	S 14
S 15	23 41 46	24°12'29	4♈55	5°23	8°54	29°37	26° 3	26°34	22°32	18°43	28°36	18°57	20°22	8°51	13°D22	S 15
M16	23 45 43	25°10'15	19°48	7°10	9°56	0♏15	26°13	26°33	22°31	18°43	28°38	18°52	20°19	8°58	13°22	M16
T 17	23 49 39	26° 8'01	4♉39	8°56	10°58	0°53	26°23	26°31	22°30	18°43	28°40	18°49	20°15	9° 5	13°22	T 17
W18	23 53 36	27° 5'49	19°20	10°41	12° 1	1°31	26°33	26°30	22°29	18°43	28°42	18°D49	20°12	9°11	13°22	W18
T 19	23 57 32	28° 3'39	3♊47	12°24	13° 3	2° 9	26°42	26°29	22°28	18°43	28°44	18°49	20° 9	9°18	13°22	T 19
F 20	0 1 29	29° 1'31	17°56	14° 6	14° 6	2°47	26°52	26°28	22°27	18°R43	28°46	18°50	20° 6	9°25	13°23	F 20
S 21	0 5 26	29°59'24	1♋47	15°47	15° 9	3°26	27° 2	26°28	22°26	18°43	28°48	18°R51	20° 3	9°31	13°23	S 21
S 22	0 9 22	0♎57'19	15°21	17°26	16°13	4° 4	27°11	26°27	22°24	18°43	28°50	18°50	19°59	9°38	13°24	S 22
M23	0 13 19	1°55'15	28°38	19° 4	17°17	4°42	27°21	26°26	22°23	18°43	28°52	18°47	19°56	9°45	13°24	M23
T 24	0 17 15	2°53'13	11♌40	20°41	18°21	5°21	27°30	26°26	22°22	18°43	28°54	18°42	19°53	9°51	13°25	T 24
W25	0 21 12	3°51'13	24°28	22°16	19°25	5°59	27°39	26°25	22°20	18°43	28°56	18°35	19°50	9°58	13°26	W25
T 26	0 25 8	4°49'15	7♍ 3	23°50	20°29	6°37	27°48	26°25	22°19	18°43	28°58	18°27	19°47	10° 5	13°27	T 26
F 27	0 29 5	5°47'18	19°27	25°23	21°34	7°16	27°57	26°25	22°18	18°43	29° 0	18°20	19°44	10°11	13°28	F 27
S 28	0 33 1	6°45'22	1♎41	26°55	22°39	7°55	28° 6	26°25	22°16	18°42	29° 2	18°12	19°40	10°18	13°29	S 28
S 29	0 36 58	7°43'28	13°44	28°25	23°44	8°33	28°14	26°D25	22°15	18°42	29° 4	18° 6	19°37	10°25	13°30	S 29
M30	0 40 54	8♎41'36	25♎40	29♎54	24♌50	9♏12	28♋23	26♑25	22♉13	18♊42	29♍ 6	18♉ 2	19♉34	10♏31	13♑31	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7n28	1n16	3n34	10n 4	1n41	17n36	3s22	7s41	0n25	20n58	0s14	20s14	0n20	17n51	0s27	21n12	1s32	11n43	11n58	17n34	17n52	12s40	15s 5	7n30	S 1
M 2	7 6	4s 9	2 44	9 20	1 43	17 31	3 17	7 55	0 24	20 56	0 14	20 14	0 20	17 50	0 27	21 12	1 32	11 42	11 58	17 32	17 51	12 43	15 6	7 29	M 2
T 3	6 44	9 22	1 48	8 34	1 44	17 25	3 13	8 10	0 24	20 54	0 14	20 15	0 20	17 50	0 27	21 12	1 32	11 41	11 57	17 31	17 51	12 46	15 6	7 29	T 3
W 4	6 23	14 12	0 47	7 48	1 45	17 18	3 8	8 24	0 23	20 52	0 14	20 16	0 20	17 50	0 27	21 12	1 33	11 40	11 57	17 31	17 50	12 49	15 7	7 28	W 4
T 5	6 1	18 31	0s16	7 0	1 44	17 12	3 3	8 39	0 22	20 50	0 14	20 16	0 20	17 50	0 27	21 12	1 33	11 40	11 57	17 31	17 49	12 52	15 7	7 28	T 5
F 6	5 39	22 8	1 18	6 13	1 43	17 4	2 59	8 53	0 22	20 48	0 14	20 17	0 20	17 50	0 27	21 12	1 33	11 39	11 57	17 31	17 48	12 54	15 8	7 27	F 6
S 7	5 16	24 50	2 18	5 25	1 42	16 57	2 54	9 7	0 21	20 46	0 14	20 17	0 20	17 50	0 27	21 12	1 33	11 38	11 57	17 31	17 47	12 57	15 9	7 27	S 7
S 8	4 54	26 26	3 13	4 36	1 39	16 49	2 49	9 21	0 20	20 45	0 14	20 18	0 20	17 50	0 27	21 12	1 33	11 37	11 57	17 31	17 46	13 0	15 9	7 26	S 8
M 9	4 32	26 44	4 0	3 47	1 37	16 41	2 44	9 35	0 20	20 43	0 14	20 18	0 20	17 49	0 27	21 12	1 33	11 36	11 57	17 30	17 46	13 3	15 10	7 25	M 9
T 10	4 10	25 37	4 36	2 59	1 33	16 32	2 40	9 50	0 19	20 41	0 14	20 19	0 19	17 49	0 27	21 12	1 33	11 36	11 57	17 29	17 45	13 6	15 11	7 25	T 10
W11	3 47	23 2	4 59	2 10	1 29	16 23	2 35	10 4	0 18	20 39	0 14	20 19	0 19	17 49	0 27	21 12	1 33	11 35	11 57	17 27	17 44	13 9	15 11	7 24	W11
T 12	3 25	19 5	5 5	1 22	1 25	16 13	2 30	10 18	0 18	20 37	0 14	20 19	0 19	17 49	0 27	21 12	1 33	11 34	11 57	17 25	17 43	13 12	15 12	7 24	T 12
F 13	3 2	13 56	4 53	0 33	1 21	16 3	2 25	10 32	0 17	20 35	0 14	20 20	0 19	17 49	0 27	21 12	1 33	11 33	11 57	17 22	17 42	13 15	15 12	7 23	F 13
S 14	2 39	7 54	4 22	0s15	1 15	15 52	2 20	10 46	0 16	20 34	0 14	20 20	0 19	17 48	0 27	21 12	1 33	11 33	11 57	17 20	17 41	13 18	15 13	7 23	S 14
S 15	2 17	1 20	3 33	1 3	1 10	15 42	2 15	10 59	0 16	20 32	0 13	20 21	0 19	17 48	0 27	21 12	1 33	11 32	11 58	17 18	17 41	13 21	15 14	7 22	S 15
M16	1 54	5n22	2 29	1 50	1 4	15 30	2 10	11 13	0 15	20 30	0 13	20 21	0 19	17 48	0 27	21 12	1 33	11 31	11 58	17 17	17 40	13 24	15 14	7 21	M16
T 17	1 31	11 46	1 15	2 37	0 58	15 19	2 5	11 27	0 14	20 28	0 13	20 21	0 19	17 48	0 27	21 12	1 33	11 30	11 58	17 16	17 39	13 27	15 15	7 21	T 17
W18	1 9	17 27	0n 3	3 24	0 52	15 6	2 0	11 41	0 14	20 26	0 13	20 22	0 19	17 47	0 27	21 12	1 33	11 30	11 58	17 16	17 38	13 30	15 15	7 20	W18
T 19	0 46	22 1	1 20	4 10	0 45	14 54	1 55	11 54	0 13	20 25	0 13	20 22	0 18	17 47	0 27	21 12	1 33	11 29	11 58	17 16	17 37	13 32	15 16	7 20	T 19
F 20	0 23	25 11	2 30	4 55	0 38	14 41	1 51	12 8	0 13	20 23	0 13	20 22	0 18	17 47	0 27	21 12	1 33	11 28	11 58	17 16	17 36	13 35	15 16	7 19	F 20
S 21	0 0	26 43	3 31	5 41	0 31	14 28	1 46	12 21	0 12	20 21	0 13	20 22	0 18	17 47	0 27	21 12	1 33	11 27	11 58	17 16	17 36	13 38	15 17	7 19	S 21
S 22	0s23	26 37	4 18	6 25	0 24	14 14	1 41	12 35	0 11	20 19	0 13	20 23	0 18	17 46	0 27	21 12	1 33	11 27	11 58	17 16	17 35	13 41	15 17	7 18	S 22
M23	0 45	24 59	4 50	7 9	0 16	14 0	1 36	12 48	0 11	20 18	0 13	20 23	0 18	17 46	0 27	21 12	1 33	11 26	11 58	17 15	17 34	13 44	15 18	7 17	M23
T 24	1 8	22 2	5 6	7 52	0 9	13 45	1 31	13 2	0 10	20 16	0 13	20 23	0 18	17 46	0 27	21 12	1 34	11 25	11 58	17 14	17 33	13 47	15 19	7 17	T 24
W25	1 31	18 4	5 7	8 35	0 1	13 30	1 26	13 15	0 9	20 14	0 13	20 23	0 18	17 45	0 27	21 12	1 34	11 25	11 58	17 12	17 32	13 50	15 19	7 16	W25
T 26	1 54	13 22	4 53	9 17	0s 7	13 15	1 21	13 28	0 9	20 12	0 13	20 23	0 18	17 45	0 27	21 12	1 34	11 24	11 58	17 10	17 31	13 53	15 20	7 16	T 26
F 27	2 17	8 12	4 25	9 58	0 15	12 59	1 16	13 41	0 8	20 11	0 13	20 24	0 18	17 44	0 27	21 12	1 34	11 23	11 58	17 8	17 31	13 56	15 20	7 15	F 27
S 28	2 40	2 47	3 45	10 38	0 23	12 43	1 12	13 54	0 8	20 9	0 13	20 24	0 17	17 44	0 27	21 11	1 34	11 22	11 59	17 6	17 30	13 59	15 21	7 14	S 28
S 29	3 2	2s40	2 55	11 18	0 31	12 26	1 7	14 7	0 7	20 7	0 12	20 24	0 17	17 44	0 27	21 11	1 34	11 22	11 59	17 4	17 29	14 1	15 21	7 14	S 29
M30	3s25	7s59	1n59	11s57	0s39	12n 9	1s 2	14s20	0n 6	20n 6	0s12	20s24	0n17	17n43	0s27	21n11	1s34	11n21	11n59	17n 3	17n28	14s 4	15s21	7n13	M30

Julian Day Number = 3071605.5, Delta T = 02h36m48s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'31, Lahiri = 47°39'32

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

OCTOBER 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 44 51	9♎39'45	7♏30	1♏22	25♌55	9♏51	28♋31	26♑25	22°R12	18°R41	29♍ 8	18°R 0	19♉31	10♏38	13♑33	T 1
W 2	0 48 48	10°37'56	19°16	2°49	27° 1	10°29	28°39	26°25	22♉10	18♊41	29°10	17°D59	19°28	10°44	13°34	W 2
T 3	0 52 44	11°36'09	1♐ 3	4°14	28° 7	11° 8	28°47	26°25	22° 8	18°41	29°12	18♉ 0	19°25	10°51	13°36	T 3
F 4	0 56 41	12°34'22	12°53	5°38	29°14	11°47	28°55	26°26	22° 7	18°40	29°14	18° 1	19°21	10°58	13°37	F 4
S 5	1 0 37	13°32'37	24°51	7° 0	0♍20	12°26	29° 3	26°26	22° 5	18°40	29°16	18° 3	19°18	11° 4	13°39	S 5
S 6	1 4 34	14°30'54	7♑ 3	8°21	1°27	13° 5	29°11	26°27	22° 3	18°39	29°18	18° 4	19°15	11°11	13°41	S 6
M 7	1 8 30	15°29'12	19°32	9°41	2°34	13°44	29°18	26°28	22° 1	18°39	29°20	18°R 4	19°12	11°18	13°43	M 7
T 8	1 12 27	16°27'32	2♒24	10°59	3°41	14°23	29°26	26°29	22° 0	18°38	29°22	18° 3	19° 9	11°24	13°45	T 8
W 9	1 16 23	17°25'52	15°42	12°16	4°48	15° 3	29°33	26°30	21°58	18°37	29°24	18° 1	19° 5	11°31	13°47	W 9
T 10	1 20 20	18°24'15	29°28	13°31	5°55	15°42	29°40	26°31	21°56	18°37	29°26	17°57	19° 2	11°38	13°49	T 10
F 11	1 24 17	19°22'39	13♓42	14°44	7° 3	16°21	29°47	26°32	21°54	18°36	29°27	17°53	18°59	11°44	13°51	F 11
S 12	1 28 13	20°21'04	28°20	15°56	8°11	17° 0	29°54	26°33	21°52	18°36	29°29	17°49	18°56	11°51	13°53	S 12
S 13	1 32 10	21°19'31	13♈18	17° 6	9°19	17°40	0♌ 0	26°34	21°50	18°35	29°31	17°46	18°53	11°58	13°55	S 13
M14	1 36 6	22°17'59	28°26	18°14	10°27	18°19	0° 7	26°36	21°48	18°34	29°33	17°44	18°50	12° 4	13°58	M14
T 15	1 40 3	23°16'30	13♉34	19°19	11°35	18°59	0°13	26°37	21°46	18°33	29°35	17°D43	18°46	12°11	14° 0	T 15
W16	1 43 59	24°15'03	28°35	20°23	12°44	19°38	0°20	26°39	21°44	18°32	29°37	17°43	18°43	12°17	14° 3	W16
T 17	1 47 56	25°13'37	13♊20	21°25	13°52	20°18	0°26	26°41	21°42	18°32	29°39	17°44	18°40	12°24	14° 6	T 17
F 18	1 51 52	26°12'14	27°45	22°23	15° 1	20°58	0°31	26°42	21°40	18°31	29°41	17°45	18°37	12°31	14° 8	F 18
S 19	1 55 49	27°10'53	11♋46	23°20	16°10	21°37	0°37	26°44	21°38	18°30	29°43	17°47	18°34	12°37	14°11	S 19
S 20	1 59 46	28° 9'34	25°23	24°13	17°19	22°17	0°43	26°46	21°35	18°29	29°44	17°R47	18°31	12°44	14°14	S 20
M21	2 3 42	29° 8'17	8♌37	25° 3	18°28	22°57	0°48	26°48	21°33	18°28	29°46	17°47	18°27	12°51	14°17	M21
T 22	2 7 39	0♏ 7'02	21°32	25°50	19°38	23°37	0°53	26°51	21°31	18°27	29°48	17°46	18°24	12°57	14°20	T 22
W23	2 11 35	1° 5'50	4♍ 8	26°34	20°47	24°17	0°58	26°53	21°29	18°26	29°50	17°44	18°21	13° 4	14°23	W23
T 24	2 15 32	2° 4'39	16°30	27°13	21°57	24°57	1° 3	26°55	21°27	18°25	29°52	17°42	18°18	13°11	14°27	T 24
F 25	2 19 28	3° 3'31	28°41	27°48	23° 7	25°37	1° 8	26°58	21°24	18°24	29°53	17°39	18°15	13°17	14°30	F 25
S 26	2 23 25	4° 2'24	10♎42	28°19	24°17	26°17	1°12	27° 0	21°22	18°23	29°55	17°37	18°11	13°24	14°33	S 26
S 27	2 27 21	5° 1'20	22°36	28°44	25°27	26°57	1°17	27° 3	21°20	18°22	29°57	17°36	18° 8	13°31	14°37	S 27
M28	2 31 18	6° 0'17	4♏26	29° 4	26°37	27°37	1°21	27° 6	21°17	18°21	29°59	17°35	18° 5	13°37	14°40	M28
T 29	2 35 15	6°59'17	16°13	29°18	27°47	28°17	1°25	27° 9	21°15	18°19	0♎ 0	17°D34	18° 2	13°44	14°44	T 29
W30	2 39 11	7°58'19	28° 0	29°26	28°58	28°58	1°29	27°11	21°13	18°18	0° 2	17°35	17°59	13°51	14°47	W30
T 31	2 43 8	8♏57'22	9♐49	29°R27	0♎ 8	29♏38	1♌32	27♑14	21♉10	18♊17	0♎ 4	17♉35	17♉56	13♏57	14♑51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3 s48	12 s59	0n57	12 s35	0 s47	11n52	0 s57	14 s33	0n 6	20n 4	0 s12	20 s24	0n17	17n43	0 s27	21n11	1 s34	11n20	11n59	17n 2	17n27	14 s 7	15 s22	7n13
W 2	4 10	17 30	0 s 7	13 12	0 55	11 34	0 53	14 45	0 5	20 3	0 12	20 24	0 17	17 42	0 27	21 11	1 34	11 20	11 59	17 2	17 26	14 10	15 22	7 12
T 3	4 33	21 20	1 11	13 49	1 4	11 16	0 48	14 58	0 4	20 1	0 12	20 24	0 17	17 42	0 27	21 11	1 34	11 19	11 59	17 2	17 25	14 13	15 23	7 11
F 4	4 55	24 19	2 12	14 24	1 12	10 57	0 44	15 10	0 4	20 0	0 12	20 24	0 17	17 42	0 27	21 11	1 34	11 18	11 59	17 3	17 25	14 16	15 23	7 11
S 5	5 18	26 15	3 8	14 59	1 20	10 39	0 39	15 23	0 3	19 58	0 12	20 24	0 17	17 41	0 27	21 11	1 34	11 18	11 59	17 3	17 24	14 19	15 24	7 10
S 6	5 40	26 59	3 57	15 33	1 28	10 19	0 35	15 35	0 3	19 56	0 12	20 24	0 17	17 41	0 27	21 11	1 34	11 17	12 0	17 4	17 23	14 22	15 24	7 10
M 7	6 3	26 22	4 36	16 6	1 36	10 0	0 30	15 47	0 2	19 55	0 12	20 24	0 16	17 40	0 27	21 11	1 34	11 17	12 0	17 4	17 22	14 24	15 25	7 9
T 8	6 25	24 21	5 2	16 38	1 44	9 40	0 26	15 59	0 1	19 54	0 12	20 24	0 16	17 40	0 27	21 11	1 34	11 16	12 0	17 3	17 21	14 27	15 25	7 8
W 9	6 47	20 58	5 13	17 9	1 52	9 20	0 21	16 11	0 1	19 52	0 12	20 24	0 16	17 39	0 27	21 11	1 34	11 15	12 0	17 3	17 20	14 30	15 25	7 8
T 10	7 9	16 21	5 7	17 40	2 0	9 0	0 17	16 23	0 0	19 51	0 12	20 24	0 16	17 39	0 27	21 10	1 34	11 15	12 0	17 2	17 19	14 33	15 26	7 7
F 11	7 31	10 42	4 42	18 9	2 8	8 39	0 13	16 35	0 s 0	19 49	0 12	20 24	0 16	17 38	0 27	21 10	1 34	11 14	12 0	17 0	17 19	14 36	15 26	7 7
S 12	7 53	4 19	3 59	18 37	2 15	8 18	0 8	16 47	0 1	19 48	0 12	20 24	0 16	17 38	0 27	21 10	1 34	11 14	12 1	16 59	17 18	14 39	15 26	7 6
S 13	8 15	2n28	2 58	19 4	2 23	7 57	0 4	16 58	0 2	19 47	0 12	20 23	0 16	17 37	0 27	21 10	1 34	11 13	12 1	16 58	17 17	14 42	15 27	7 6
M14	8 36	9 12	1 44	19 30	2 30	7 35	0 0	17 10	0 2	19 45	0 11	20 23	0 16	17 37	0 27	21 10	1 34	11 12	12 1	16 58	17 16	14 44	15 27	7 5
T 15	8 58	15 25	0 23	19 55	2 37	7 13	0n 4	17 21	0 3	19 44	0 11	20 23	0 16	17 36	0 27	21 10	1 34	11 12	12 1	16 58	17 15	14 47	15 27	7 4
W16	9 19	20 38	1n 0	20 19	2 44	6 51	0 8	17 32	0 3	19 43	0 11	20 23	0 16	17 36	0 27	21 10	1 35	11 11	12 1	16 58	17 14	14 50	15 28	7 4
T 17	9 40	24 27	2 17	20 41	2 50	6 28	0 12	17 43	0 4	19 42	0 11	20 23	0 15	17 35	0 27	21 10	1 35	11 11	12 2	16 58	17 13	14 53	15 28	7 3
F 18	10 2	26 36	3 23	21 3	2 56	6 6	0 16	17 54	0 5	19 41	0 11	20 22	0 15	17 35	0 27	21 10	1 35	11 10	12 2	16 58	17 12	14 56	15 28	7 3
S 19	10 23	26 57	4 16	21 23	3 2	5 43	0 20	18 5	0 5	19 39	0 11	20 22	0 15	17 34	0 27	21 9	1 35	11 10	12 2	16 59	17 12	14 59	15 28	7 2
S 20	10 43	25 39	4 52	21 41	3 8	5 20	0 23	18 16	0 6	19 38	0 11	20 22	0 15	17 34	0 27	21 9	1 35	11 9	12 2	16 59	17 11	15 2	15 29	7 2
M21	11 4	22 58	5 12	21 59	3 13	4 56	0 27	18 27	0 6	19 37	0 11	20 22	0 15	17 33	0 27	21 9	1 35	11 9	12 3	16 59	17 10	15 4	15 29	7 1
T 22	11 25	19 11	5 15	22 14	3 17	4 33	0 31	18 37	0 7	19 36	0 11	20 21	0 15	17 32	0 27	21 9	1 35	11 8	12 3	16 58	17 9	15 7	15 29	7 1
W23	11 45	14 37	5 3	22 29	3 22	4 9	0 34	18 47	0 8	19 35	0 11	20 21	0 15	17 32	0 27	21 9	1 35	11 8	12 3	16 58	17 8	15 10	15 29	7 0
T 24	12 5	9 32	4 37	22 41	3 25	3 45	0 38	18 58	0 8	19 34	0 11	20 21	0 15	17 31	0 27	21 9	1 35	11 7	12 3	16 57	17 7	15 13	15 30	7 0
F 25	12 25	4 11	3 59	22 52	3 28	3 20	0 41	19 8	0 9	19 33	0 11	20 20	0 15	17 31	0 27	21 9	1 35	11 7	12 4	16 57	17 6	15 16	15 30	6 59
S 26	12 45	1 s16	3 10	23 1	3 30	2 56	0 44	19 18	0 9	19 32	0 11	20 20	0 15	17 30	0 27	21 9	1 35	11 6	12 4	16 56	17 6	15 18	15 30	6 59
S 27	13 5	6 38	2 14	23 9	3 32	2 32	0 48	19 28	0 10	19 31	0 10	20 19	0 14	17 29	0 27	21 9	1 35	11 6	12 4	16 56	17 5	15 21	15 30	6 58
M28	13 24	11 45	1 12	23 14	3 33	2 7	0 51	19 37	0 10	19 31	0 10	20 19	0 14	17 29	0 27	21 8	1 35	11 5	12 4	16 55	17 4	15 24	15 30	6 58
T 29	13 43	16 25	0 8	23 16	3 32	1 42	0 54	19 47	0 11	19 30	0 10	20 19	0 14	17 28	0 27	21 8	1 35	11 5	12 5	16 55	17 3	15 27	15 30	6 57
W30	14 2	20 28	0 s58	23 17	3 31	1 17	0 57	19 56	0 12	19 29	0 10	20 18	0 14	17 28	0 27	21 8	1 35	11 5	12 5	16 55	17 2	15 30	15 30	6 57
T 31	14 s21	23 s42	2 s 0	23 s14	3 s28	0n52	1n 0	20 s 5	0 s12	19n28	0 s10	20 s18	0n14	17n27	0 s27	21n 8	1 s35	11n 4	12n 5	16n55	17n 1	15 s32	15 s31	6n56

Julian Day Number = 3071635.5, Delta T = 02h36m49s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'36, Lahiri = 47°39'36

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ASTRODIENST EPHEMERIS for the year 3697
geocentric

NOVEMBER 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 47 4	9♏56'27	21♐43	29°R20	1♎19	0♐18	1♑36	27♑18	21°R 8	18°R16	0♎ 5	17♉36	17♉52	14♏ 4	14♑55	F 1
S 2	2 51 1	10°55'34	3♑45	29♏ 6	2°30	0°59	1°39	27°21	21♉ 6	18♊15	0° 7	17°37	17°49	14°10	14°59	S 2
S 3	2 54 57	11°54'43	15°59	28°44	3°40	1°39	1°42	27°24	21° 3	18°13	0° 8	17°37	17°46	14°17	15° 3	S 3
M 4	2 58 54	12°53'54	28°28	28°14	4°51	2°20	1°45	27°27	21° 1	18°12	0°10	17°38	17°43	14°24	15° 7	M 4
T 5	3 2 50	13°53'06	11♒16	27°36	6° 3	3° 1	1°48	27°31	20°58	18°11	0°12	17°R38	17°40	14°30	15°11	T 5
W 6	3 6 47	14°52'19	24°27	26°50	7°14	3°41	1°50	27°34	20°56	18° 9	0°13	17°38	17°37	14°37	15°15	W 6
T 7	3 10 44	15°51'35	8♓ 4	25°57	8°25	4°22	1°53	27°38	20°53	18° 8	0°15	17°38	17°33	14°44	15°19	T 7
F 8	3 14 40	16°50'52	22° 6	24°57	9°36	5° 3	1°55	27°42	20°51	18° 7	0°16	17°38	17°30	14°50	15°23	F 8
S 9	3 18 37	17°50'10	6♈35	23°50	10°48	5°44	1°57	27°46	20°49	18° 5	0°18	17°D38	17°27	14°57	15°28	S 9
S 10	3 22 33	18°49'31	21°25	22°40	12° 0	6°25	1°58	27°49	20°46	18° 4	0°19	17°38	17°24	15° 4	15°32	S 10
M11	3 26 30	19°48'53	6♉31	21°27	13°11	7° 6	2° 0	27°53	20°44	18° 2	0°21	17°38	17°21	15°10	15°36	M11
T 12	3 30 26	20°48'17	21°45	20°14	14°23	7°47	2° 1	27°57	20°41	18° 1	0°22	17°R38	17°17	15°17	15°41	T 12
W13	3 34 23	21°47'43	6♊56	19° 2	15°35	8°28	2° 2	28° 1	20°39	18° 0	0°23	17°38	17°14	15°24	15°46	W13
T 14	3 38 19	22°47'12	21°54	17°53	16°47	9° 9	2° 3	28° 6	20°36	17°58	0°25	17°37	17°11	15°30	15°50	T 14
F 15	3 42 16	23°46'42	6♋34	16°51	17°59	9°50	2° 4	28°10	20°34	17°57	0°26	17°37	17° 8	15°37	15°55	F 15
S 16	3 46 13	24°46'14	20°48	15°56	19°11	10°31	2° 5	28°14	20°32	17°55	0°28	17°36	17° 5	15°43	16° 0	S 16
S 17	3 50 9	25°45'49	4♌36	15°10	20°24	11°13	2° 5	28°19	20°29	17°53	0°29	17°35	17° 2	15°50	16° 4	S 17
M18	3 54 6	26°45'26	17°56	14°34	21°36	11°54	2°R 5	28°23	20°27	17°52	0°30	17°35	16°58	15°57	16° 9	M18
T 19	3 58 2	27°45'05	0♍51	14° 9	22°48	12°35	2° 5	28°28	20°24	17°50	0°31	17°D34	16°55	16° 3	16°14	T 19
W20	4 1 59	28°44'46	13°24	13°56	24° 1	13°17	2° 5	28°32	20°22	17°49	0°33	17°35	16°52	16°10	16°19	W20
T 21	4 5 55	29°44'29	25°41	13°D54	25°13	13°58	2° 4	28°37	20°19	17°47	0°34	17°36	16°49	16°17	16°24	T 21
F 22	4 9 52	0♐44'14	7♎44	14° 3	26°26	14°40	2° 4	28°42	20°17	17°46	0°35	17°37	16°46	16°23	16°29	F 22
S 23	4 13 48	1°44'02	19°37	14°22	27°39	15°22	2° 3	28°47	20°15	17°44	0°36	17°38	16°42	16°30	16°34	S 23
S 24	4 17 45	2°43'51	1♏26	14°52	28°52	16° 3	2° 2	28°52	20°12	17°42	0°37	17°39	16°39	16°37	16°39	S 24
M25	4 21 42	3°43'43	13°13	15°31	0♏ 5	16°45	2° 1	28°57	20°10	17°41	0°39	17°R40	16°36	16°43	16°45	M25
T 26	4 25 38	4°43'36	25° 0	16°17	1°18	17°27	1°59	29° 2	20° 8	17°39	0°40	17°40	16°33	16°50	16°50	T 26
W27	4 29 35	5°43'32	6♐51	17°12	2°31	18° 9	1°58	29° 7	20° 5	17°38	0°41	17°39	16°30	16°57	16°55	W27
T 28	4 33 31	6°43'29	18°47	18°12	3°44	18°51	1°56	29°12	20° 3	17°36	0°42	17°37	16°27	17° 3	17° 0	T 28
F 29	4 37 28	7°43'28	0♑51	19°19	4°57	19°33	1°54	29°17	20° 1	17°34	0°43	17°34	16°23	17°10	17° 6	F 29
S 30	4 41 24	8♐43'29	13♑ 3	20♏30	6♏10	20♐15	1♑51	29♑22	19♉58	17♊33	0♎44	17♉31	16♉20	17♏16	17♑11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s40	25s56	2s59	23s 9	3s25	0n27	1n 3	20s14	0s13	19n28	0s10	20s17	0n14	17n26	0s27	21n 8	1s35	11n 4	12n 6	16n56	17n 0	15s35	15s31	6n56
S 2	14 58	27 0	3 50	23 1	3 19	0 1	1 6	20 23	0 13	19 27	0 10	20 17	0 14	17 26	0 27	21 8	1 35	11 4	12 6	16 56	16 59	15 38	15 31	6 55
S 3	15 16	26 45	4 31	22 50	3 13	0s24	1 8	20 32	0 14	19 26	0 10	20 16	0 14	17 25	0 27	21 8	1 35	11 3	12 6	16 56	16 58	15 41	15 31	6 55
M 4	15 34	25 11	5 0	22 35	3 4	0 50	1 11	20 41	0 14	19 26	0 10	20 15	0 14	17 25	0 27	21 7	1 35	11 3	12 6	16 56	16 58	15 44	15 31	6 54
T 5	15 52	22 18	5 16	22 17	2 54	1 15	1 13	20 49	0 15	19 25	0 10	20 15	0 14	17 24	0 27	21 7	1 35	11 2	12 7	16 56	16 57	15 46	15 31	6 54
W 6	16 9	18 13	5 16	21 55	2 43	1 41	1 16	20 57	0 16	19 25	0 10	20 14	0 13	17 23	0 27	21 7	1 35	11 2	12 7	16 56	16 56	15 49	15 31	6 53
T 7	16 26	13 5	4 58	21 29	2 29	2 7	1 18	21 5	0 16	19 24	0 10	20 14	0 13	17 23	0 27	21 7	1 35	11 2	12 7	16 56	16 55	15 52	15 31	6 53
F 8	16 43	7 8	4 22	21 0	2 14	2 32	1 20	21 13	0 17	19 24	0 9	20 13	0 13	17 22	0 27	21 7	1 35	11 2	12 8	16 56	16 54	15 55	15 31	6 52
S 9	17 0	0 37	3 29	20 27	1 57	2 58	1 23	21 21	0 17	19 24	0 9	20 12	0 13	17 21	0 27	21 7	1 35	11 1	12 8	16 56	16 53	15 58	15 31	6 52
S 10	17 16	6n 6	2 21	19 52	1 39	3 24	1 25	21 29	0 18	19 23	0 9	20 12	0 13	17 21	0 27	21 7	1 35	11 1	12 8	16 56	16 52	16 0	15 31	6 51
M11	17 32	12 36	1 1	19 15	1 20	3 50	1 27	21 36	0 18	19 23	0 9	20 11	0 13	17 20	0 27	21 6	1 35	11 1	12 9	16 56	16 51	16 3	15 31	6 51
T 12	17 48	18 24	0n23	18 36	0 59	4 15	1 29	21 43	0 19	19 23	0 9	20 10	0 13	17 20	0 27	21 6	1 35	11 0	12 9	16 56	16 51	16 6	15 31	6 51
W13	18 3	23 0	1 45	17 57	0 39	4 41	1 31	21 50	0 20	19 23	0 9	20 10	0 13	17 19	0 27	21 6	1 35	11 0	12 9	16 56	16 50	16 9	15 31	6 50
T 14	18 18	25 58	2 59	17 18	0 18	5 7	1 32	21 57	0 20	19 23	0 9	20 9	0 13	17 18	0 27	21 6	1 35	11 0	12 10	16 56	16 49	16 11	15 30	6 50
F 15	18 33	27 3	4 0	16 41	0n 2	5 33	1 34	22 4	0 21	19 23	0 9	20 8	0 13	17 18	0 27	21 6	1 35	11 0	12 10	16 56	16 48	16 14	15 30	6 49
S 16	18 47	26 18	4 44	16 7	0 22	5 58	1 36	22 10	0 21	19 23	0 9	20 7	0 13	17 17	0 27	21 6	1 35	11 0	12 10	16 56	16 47	16 17	15 30	6 49
S 17	19 2	23 57	5 9	15 36	0 40	6 24	1 37	22 17	0 22	19 23	0 9	20 7	0 12	17 16	0 27	21 5	1 36	10 59	12 11	16 55	16 46	16 20	15 30	6 49
M18	19 15	20 21	5 18	15 9	0 57	6 49	1 38	22 23	0 22	19 23	0 9	20 6	0 12	17 16	0 27	21 5	1 36	10 59	12 11	16 55	16 45	16 22	15 30	6 48
T 19	19 29	15 54	5 9	14 47	1 12	7 15	1 40	22 29	0 23	19 23	0 8	20 5	0 12	17 15	0 27	21 5	1 36	10 59	12 12	16 55	16 44	16 25	15 30	6 48
W20	19 42	10 52	4 46	14 31	1 26	7 40	1 41	22 34	0 23	19 23	0 8	20 4	0 12	17 15	0 27	21 5	1 36	10 59	12 12	16 55	16 43	16 28	15 30	6 47
T 21	19 55	5 32	4 10	14 19	1 38	8 5	1 42	22 40	0 24	19 23	0 8	20 3	0 12	17 14	0 27	21 5	1 36	10 59	12 12	16 56	16 43	16 31	15 29	6 47
F 22	20 7	0 5	3 24	14 12	1 48	8 30	1 43	22 45	0 24	19 23	0 8	20 2	0 12	17 13	0 27	21 5	1 36	10 59	12 13	16 56	16 42	16 33	15 29	6 47
S 23	20 19	5s18	2 29	14 10	1 56	8 55	1 44	22 51	0 25	19 24	0 8	20 1	0 12	17 13	0 27	21 5	1 36	10 59	12 13	16 56	16 41	16 36	15 29	6 46
S 24	20 31	10 29	1 29	14 12	2 3	9 20	1 45	22 55	0 26	19 24	0 8	20 1	0 12	17 12	0 27	21 4	1 36	10 58	12 13	16 57	16 40	16 39	15 29	6 46
M25	20 42	15 16	0 25	14 18	2 7	9 45	1 46	23 0	0 26	19 24	0 8	20 0	0 12	17 12	0 27	21 4	1 36	10 58	12 14	16 57	16 39	16 42	15 28	6 46
T 26	20 53	19 30	0s41	14 28	2 11	10 9	1 46	23 5	0 27	19 25	0 8	19 59	0 12	17 11	0 27	21 4	1 36	10 58	12 14	16 57	16 38	16 44	15 28	6 45
W27	21 4	22 58	1 44	14 41	2 13	10 33	1 47	23 9	0 27	19 25	0 8	19 58	0 12	17 10	0 27	21 4	1 36	10 58	12 15	16 56	16 37	16 47	15 28	6 45
T 28	21 14	25 28	2 44	14 57	2 14	10 57	1 48	23 13	0 28	19 26	0 8	19 57	0 11	17 10	0 27	21 4	1 36	10 58	12 15	16 56	16 36	16 50	15 27	6 45
F 29	21 24	26 50	3 36	15 15	2 14	11 21	1 48	23 17	0 28	19 26	0 7	19 56	0 11	17 9	0 27	21 4	1 36	10 58	12 15	16 55	16 35	16 52	15 27	6 44
S 30	21s33	26s54	4s20	15s35	2n13	11s45	1n48	23s21	0s29	19n27	0s 7	19s55	0n11	17n 9	0s27	21n 3	1s36	10n58	12n16	16n54	16n34	16s55	15s27	6n44

Julian Day Number = 3071666.5, Delta T = 02h36m50s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'40, Lahiri = 47°39'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3697
geocentric

DECEMBER 3697 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 45 21	9♐43'31	25♑26	21♏46	7♏24	20♐57	1°R49	29♑28	19°R56	17°R31	0♎45	17°R27	16♉17	17♏23	17♑17	S 1
M 2	4 49 17	10°43'35	8♒ 3	23° 5	8°37	21°39	1♌46	29°33	19♉54	17♊29	0°46	17♉24	16°14	17°30	17°22	M 2
T 3	4 53 14	11°43'41	20°54	24°27	9°50	22°21	1°43	29°39	19°52	17°28	0°46	17°21	16°11	17°36	17°28	T 3
W 4	4 57 11	12°43'48	4♓ 3	25°52	11° 4	23° 4	1°40	29°44	19°50	17°26	0°47	17°20	16° 8	17°43	17°33	W 4
T 5	5 1 7	13°43'56	17°31	27°19	12°17	23°46	1°37	29°50	19°47	17°24	0°48	17°D19	16° 4	17°50	17°39	T 5
F 6	5 5 4	14°44'05	1♈21	28°48	13°31	24°28	1°34	29°56	19°45	17°22	0°49	17°20	16° 1	17°56	17°45	F 6
S 7	5 9 0	15°44'16	15°32	0♐18	14°45	25°11	1°30	0♒ 1	19°43	17°21	0°50	17°22	15°58	18° 3	17°50	S 7
S 8	5 12 57	16°44'29	0♉ 3	1°49	15°58	25°53	1°26	0° 7	19°41	17°19	0°51	17°23	15°55	18°10	17°56	S 8
M 9	5 16 53	17°44'43	14°52	3°22	17°12	26°36	1°22	0°13	19°39	17°17	0°51	17°R24	15°52	18°16	18° 2	M 9
T 10	5 20 50	18°44'58	29°52	4°55	18°26	27°18	1°18	0°19	19°37	17°16	0°52	17°23	15°48	18°23	18° 8	T 10
W11	5 24 46	19°45'15	14♊55	6°28	19°40	28° 1	1°14	0°25	19°35	17°14	0°53	17°21	15°45	18°30	18°13	W11
T 12	5 28 43	20°45'33	29°53	8° 2	20°54	28°44	1° 9	0°31	19°33	17°12	0°53	17°18	15°42	18°36	18°19	T 12
F 13	5 32 40	21°45'54	14♋37	9°37	22° 8	29°26	1° 4	0°37	19°31	17°11	0°54	17°13	15°39	18°43	18°25	F 13
S 14	5 36 36	22°46'15	28°59	11°12	23°22	0♑ 9	1° 0	0°43	19°29	17° 9	0°54	17° 7	15°36	18°50	18°31	S 14
S 15	5 40 33	23°46'39	12♌56	12°46	24°36	0°52	0°55	0°49	19°27	17° 7	0°55	17° 2	15°33	18°56	18°37	S 15
M16	5 44 29	24°47'04	26°24	14°21	25°50	1°35	0°49	0°55	19°25	17° 6	0°56	16°57	15°29	19° 3	18°43	M16
T 17	5 48 26	25°47'31	9♍25	15°56	27° 4	2°18	0°44	1° 1	19°23	17° 4	0°56	16°54	15°26	19° 9	18°49	T 17
W18	5 52 22	26°47'59	22° 1	17°31	28°18	3° 1	0°38	1° 8	19°22	17° 2	0°56	16°D52	15°23	19°16	18°55	W18
T 19	5 56 19	27°48'30	4♎18	19° 6	29°32	3°44	0°33	1°14	19°20	17° 1	0°57	16°52	15°20	19°23	19° 1	T 19
F 20	6 0 16	28°49'01	16°19	20°41	0♐46	4°27	0°27	1°20	19°18	16°59	0°57	16°54	15°17	19°29	19° 7	F 20
S 21	6 4 12	29°49'35	28°11	22°16	2° 1	5°10	0°21	1°27	19°16	16°57	0°58	16°55	15°14	19°36	19°13	S 21
S 22	6 8 9	0♑50'10	9♏58	23°51	3°15	5°54	0°15	1°33	19°15	16°56	0°58	16°57	15°10	19°43	19°20	S 22
M23	6 12 5	1°50'47	21°44	25°25	4°29	6°37	0° 8	1°40	19°13	16°54	0°58	16°R57	15° 7	19°49	19°26	M23
T 24	6 16 2	2°51'25	3♐34	27° 0	5°44	7°20	0° 2	1°46	19°12	16°52	0°58	16°55	15° 4	19°56	19°32	T 24
W25	6 19 58	3°52'05	15°31	28°35	6°58	8° 4	29♋55	1°53	19°10	16°51	0°59	16°51	15° 1	20° 3	19°38	W25
T 26	6 23 55	4°52'46	27°38	0♑ 9	8°13	8°47	29°49	1°59	19° 8	16°49	0°59	16°45	14°58	20° 9	19°44	T 26
F 27	6 27 51	5°53'29	9♑55	1°43	9°27	9°31	29°42	2° 6	19° 7	16°48	0°59	16°37	14°55	20°16	19°50	F 27
S 28	6 31 48	6°54'12	22°23	3°18	10°42	10°14	29°35	2°13	19° 6	16°46	0°59	16°27	14°51	20°23	19°57	S 28
S 29	6 35 45	7°54'57	5♒ 4	4°52	11°56	10°58	29°28	2°19	19° 4	16°45	0°59	16°17	14°48	20°29	20° 3	S 29
M30	6 39 41	8°55'42	17°57	6°26	13°11	11°42	29°21	2°26	19° 3	16°43	0°59	16° 8	14°45	20°36	20° 9	M30
T 31	6 43 38	9♑56'29	1♓ 2	8♑ 0	14♐26	12♑25	29♋13	2♒33	19♉ 2	16♊41	0♎59	16♉ 0	14♉42	20♏42	20♑15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21 s42	25 s38	4 s52	15 s56	2n10	12 s 8	1n49	23 s24	0 s29	19n28	0 s 7	19 s54	0n11	17n 8	0 s27	21n 3	1 s36	10n58	12n16	16n53	16n34	16 s58	15 s26	6n44
M 2	21 51	23 5	5 10	16 19	2 7	12 32	1 49	23 28	0 30	19 28	0 7	19 53	0 11	17 7	0 27	21 3	1 36	10 58	12 17	16 52	16 33	17 1	15 26	6 44
T 3	21 59	19 21	5 14	16 43	2 4	12 54	1 49	23 31	0 30	19 29	0 7	19 52	0 11	17 7	0 27	21 3	1 36	10 58	12 17	16 52	16 32	17 3	15 26	6 43
W 4	22 7	14 37	5 1	17 7	2 0	13 17	1 49	23 33	0 31	19 30	0 7	19 51	0 11	17 6	0 27	21 3	1 36	10 58	12 17	16 51	16 31	17 6	15 25	6 43
T 5	22 15	9 4	4 32	17 31	1 55	13 39	1 49	23 36	0 31	19 31	0 7	19 50	0 11	17 6	0 27	21 3	1 36	10 58	12 18	16 51	16 30	17 9	15 25	6 43
F 6	22 21	2 56	3 47	17 55	1 50	14 1	1 49	23 38	0 32	19 31	0 7	19 48	0 11	17 5	0 27	21 3	1 36	10 58	12 18	16 51	16 29	17 11	15 24	6 42
S 7	22 28	3n30	2 46	18 20	1 44	14 23	1 48	23 41	0 32	19 32	0 7	19 47	0 11	17 5	0 27	21 2	1 36	10 58	12 19	16 52	16 28	17 14	15 24	6 42
S 8	22 34	9 55	1 34	18 44	1 38	14 44	1 48	23 42	0 33	19 33	0 6	19 46	0 11	17 4	0 27	21 2	1 36	10 59	12 19	16 52	16 27	17 17	15 23	6 42
M 9	22 40	15 56	0 14	19 8	1 32	15 6	1 48	23 44	0 33	19 34	0 6	19 45	0 11	17 3	0 27	21 2	1 36	10 59	12 20	16 52	16 26	17 19	15 23	6 42
T 10	22 45	21 3	1n 8	19 31	1 25	15 26	1 47	23 46	0 34	19 35	0 6	19 44	0 10	17 3	0 27	21 2	1 36	10 59	12 20	16 52	16 25	17 22	15 22	6 42
W11	22 50	24 47	2 25	19 54	1 19	15 47	1 47	23 47	0 34	19 36	0 6	19 43	0 10	17 2	0 27	21 2	1 36	10 59	12 20	16 52	16 24	17 25	15 22	6 41
T 12	22 54	26 45	3 32	20 16	1 12	16 7	1 46	23 48	0 35	19 37	0 6	19 41	0 10	17 2	0 27	21 2	1 36	10 59	12 21	16 51	16 24	17 27	15 21	6 41
F 13	22 58	26 47	4 23	20 37	1 5	16 26	1 45	23 49	0 35	19 39	0 6	19 40	0 10	17 1	0 27	21 1	1 36	10 59	12 21	16 49	16 23	17 30	15 21	6 41
S 14	23 2	25 0	4 56	20 58	0 58	16 45	1 45	23 49	0 36	19 40	0 6	19 39	0 10	17 1	0 27	21 1	1 36	10 59	12 22	16 48	16 22	17 33	15 20	6 41
S 15	23 5	21 45	5 11	21 17	0 51	17 4	1 44	23 50	0 36	19 41	0 6	19 38	0 10	17 0	0 27	21 1	1 36	11 0	12 22	16 46	16 21	17 35	15 20	6 41
M16	23 7	17 25	5 7	21 35	0 44	17 22	1 43	23 50	0 37	19 42	0 6	19 37	0 10	17 0	0 27	21 1	1 36	11 0	12 23	16 45	16 20	17 38	15 19	6 40
T 17	23 9	12 25	4 48	21 53	0 37	17 40	1 42	23 50	0 37	19 43	0 5	19 35	0 10	16 59	0 27	21 1	1 36	11 0	12 23	16 44	16 19	17 41	15 18	6 40
W18	23 11	7 3	4 15	22 9	0 29	17 58	1 41	23 49	0 38	19 45	0 5	19 34	0 10	16 59	0 27	21 1	1 36	11 0	12 23	16 44	16 18	17 43	15 18	6 40
T 19	23 12	1 32	3 31	22 25	0 22	18 15	1 40	23 49	0 38	19 46	0 5	19 33	0 10	16 59	0 27	21 1	1 36	11 0	12 24	16 44	16 17	17 46	15 17	6 40
F 20	23 13	3 s55	2 39	22 39	0 15	18 31	1 38	23 48	0 39	19 47	0 5	19 31	0 10	16 58	0 27	21 0	1 36	11 1	12 24	16 44	16 16	17 49	15 16	6 40
S 21	23 13	9 10	1 40	22 52	0 8	18 47	1 37	23 47	0 39	19 49	0 5	19 30	0 10	16 58	0 26	21 0	1 36	11 1	12 25	16 44	16 15	17 51	15 16	6 40
S 22	23 13	14 4	0 38	23 4	0 1	19 3	1 36	23 45	0 40	19 50	0 5	19 29	0 9	16 57	0 26	21 0	1 36	11 1	12 25	16 45	16 14	17 54	15 15	6 39
M23	23 13	18 27	0 s26	23 15	0 s 6	19 18	1 34	23 44	0 40	19 52	0 5	19 27	0 9	16 57	0 26	21 0	1 35	11 2	12 26	16 45	16 13	17 56	15 14	6 39
T 24	23 12	22 8	1 29	23 24	0 13	19 33	1 33	23 42	0 41	19 53	0 5	19 26	0 9	16 56	0 26	21 0	1 35	11 2	12 26	16 44	16 13	17 59	15 14	6 39
W25	23 10	24 54	2 28	23 33	0 20	19 47	1 31	23 40	0 41	19 55	0 4	19 25	0 9	16 56	0 26	21 0	1 35	11 2	12 27	16 43	16 12	18 2	15 13	6 39
T 26	23 8	26 34	3 22	23 40	0 27	20 0	1 30	23 38	0 42	19 56	0 4	19 23	0 9	16 56	0 26	21 0	1 35	11 2	12 27	16 41	16 11	18 4	15 12	6 39
F 27	23 6	26 57	4 6	23 46	0 33	20 13	1 28	23 35	0 42	19 58	0 4	19 22	0 9	16 55	0 26	20 59	1 35	11 3	12 27	16 39	16 10	18 7	15 11	6 39
S 28	23 3	25 59	4 40	23 51	0 40	20 25	1 26	23 32	0 43	19 59	0 4	19 21	0 9	16 55	0 26	20 59	1 35	11 3	12 28	16 36	16 9	18 10	15 11	6 39
S 29	22 59	23 41	5 0	23 54	0 46	20 37	1 25	23 29	0 43	20 1	0 4	19 19	0 9	16 55	0 26	20 59	1 35	11 4	12 28	16 34	16 8	18 12	15 10	6 39
M30	22 56	20 10	5 6	23 56	0 52	20 48	1 23	23 26	0 44	20 2	0 4	19 18	0 9	16 54	0 26	20 59	1 35	11 4	12 29	16 31	16 7	18 15	15 9	6 39
T 31	22 s51	15 s37	4 s56	23 s57	0 s58	20 s59	1n21	23 s23	0 s44	20n 4	0 s 4	19 s16	0n 9	16n54	0 s26	20n59	1 s35	11n 4	12n29	16n29	16n 6	18 s17	15 s 8	6n39

Julian Day Number = 3071696.5, Delta T = 02h36m51s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'44, Lahiri = 47°39'45

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

JANUARY 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 47 34	10♑57'16	14♓19	9♑35	15♐40	13♑ 9	29°R 6	2♒40	19°R 0	16°R40	0°R59	15°R55	14♉39	20♏49	20♑22	W 1
T 2	6 51 31	11°58'04	27°50	11° 9	16°55	13°53	28♋59	2°46	18♉59	16♊38	0♎59	15♉51	14°35	20°56	20°28	T 2
F 3	6 55 27	12°58'53	11♈33	12°43	18°10	14°37	28°51	2°53	18°58	16°37	0°59	15°D50	14°32	21° 2	20°34	F 3
S 4	6 59 24	13°59'43	25°31	14°17	19°24	15°21	28°43	3° 0	18°57	16°36	0°59	15°51	14°29	21° 9	20°41	S 4
S 5	7 3 20	15° 0'33	9♉44	15°51	20°39	16° 5	28°36	3° 7	18°56	16°34	0°59	15°R52	14°26	21°16	20°47	S 5
M 6	7 7 17	16° 1'24	24° 9	17°25	21°54	16°49	28°28	3°14	18°55	16°33	0°59	15°51	14°23	21°22	20°53	M 6
T 7	7 11 14	17° 2'15	8♊44	19° 0	23° 9	17°33	28°20	3°21	18°54	16°31	0°59	15°49	14°20	21°29	21° 0	T 7
W 8	7 15 10	18° 3'08	23°25	20°34	24°23	18°17	28°12	3°28	18°53	16°30	0°59	15°45	14°16	21°36	21° 6	W 8
T 9	7 19 7	19° 4'01	8♋ 5	22° 9	25°38	19° 1	28° 4	3°35	18°52	16°28	0°58	15°37	14°13	21°42	21°12	T 9
F 10	7 23 3	20° 4'54	22°36	23°43	26°53	19°45	27°56	3°42	18°51	16°27	0°58	15°28	14°10	21°49	21°19	F 10
S 11	7 27 0	21° 5'49	6♌52	25°18	28° 8	20°30	27°48	3°49	18°50	16°26	0°58	15°17	14° 7	21°56	21°25	S 11
S 12	7 30 56	22° 6'44	20°47	26°53	29°23	21°14	27°40	3°56	18°50	16°24	0°58	15° 6	14° 4	22° 2	21°31	S 12
M13	7 34 53	23° 7'40	4♍17	28°28	0♑38	21°58	27°32	4° 3	18°49	16°23	0°57	14°56	14° 1	22° 9	21°37	M13
T 14	7 38 50	24° 8'37	17°21	0♒ 3	1°53	22°43	27°24	4°10	18°48	16°22	0°57	14°48	13°57	22°16	21°44	T 14
W15	7 42 46	25° 9'34	0♎ 1	1°39	3° 8	23°27	27°16	4°17	18°48	16°21	0°56	14°42	13°54	22°22	21°50	W15
T 16	7 46 43	26°10'33	12°21	3°14	4°23	24°12	27° 8	4°24	18°47	16°19	0°56	14°39	13°51	22°29	21°56	T 16
F 17	7 50 39	27°11'32	24°24	4°50	5°38	24°57	27° 0	4°31	18°47	16°18	0°56	14°D38	13°48	22°35	22° 3	F 17
S 18	7 54 36	28°12'32	6♏16	6°25	6°53	25°41	26°51	4°38	18°46	16°17	0°55	14°38	13°45	22°42	22° 9	S 18
S 19	7 58 32	29°13'33	18° 3	8° 1	8° 8	26°26	26°43	4°45	18°46	16°16	0°54	14°R39	13°41	22°49	22°15	S 19
M20	8 2 29	0♒14'35	29°51	9°37	9°23	27°11	26°35	4°53	18°46	16°15	0°54	14°38	13°38	22°55	22°22	M20
T 21	8 6 25	1°15'37	11♐44	11°13	10°38	27°55	26°27	5° 0	18°45	16°14	0°53	14°34	13°35	23° 2	22°28	T 21
W22	8 10 22	2°16'41	23°46	12°49	11°53	28°40	26°19	5° 7	18°45	16°13	0°53	14°29	13°32	23° 9	22°34	W22
T 23	8 14 19	3°17'44	6♑ 2	14°26	13° 8	29°25	26°11	5°14	18°45	16°12	0°52	14°20	13°29	23°15	22°40	T 23
F 24	8 18 15	4°18'48	18°33	16° 2	14°23	0♒10	26° 3	5°21	18°45	16°11	0°51	14° 8	13°26	23°22	22°47	F 24
S 25	8 22 12	5°19'52	1♒19	17°38	15°38	0°55	25°55	5°28	18°45	16°10	0°51	13°55	13°22	23°29	22°53	S 25
S 26	8 26 8	6°20'57	14°21	19°13	16°53	1°40	25°47	5°35	18°D45	16° 9	0°50	13°41	13°19	23°35	22°59	S 26
M27	8 30 5	7°22'02	27°38	20°49	18° 8	2°25	25°39	5°42	18°45	16° 8	0°49	13°28	13°16	23°42	23° 5	M27
T 28	8 34 1	8°23'06	11♓ 6	22°24	19°24	3°10	25°31	5°50	18°45	16° 7	0°48	13°17	13°13	23°49	23°11	T 28
W29	8 37 58	9°24'11	24°44	23°59	20°39	3°55	25°24	5°57	18°45	16° 6	0°48	13° 8	13°10	23°55	23°17	W29
T 30	8 41 54	10°25'15	8♈29	25°32	21°54	4°41	25°16	6° 4	18°45	16° 5	0°47	13° 3	13° 7	24° 2	23°24	T 30
F 31	8 45 51	11♒26'20	22♈21	27♒ 5	23♑ 9	5♒26	25♋ 8	6♒11	18♉45	16♊ 4	0♎46	13♉ 0	13♉ 3	24♏ 9	23♑30	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s47	10s16	4s30	23s57	1s 4	21s 9	1n19	23s19	0s45	20n 6	0s 4	19s15	0n 9	16n54	0s26	20n59	1s35	11n 5	12n30	16n27	16n 5	18s20	15s 7	6n39
T 2	22 41	4 21	3 48	23 55	1 10	21 18	1 17	23 15	0 45	20 7	0 3	19 13	0 9	16 53	0 26	20 59	1 35	11 5	12 30	16 26	16 4	18 23	15 6	6 39
F 3	22 36	1n52	2 53	23 52	1 15	21 27	1 15	23 11	0 45	20 9	0 3	19 12	0 9	16 53	0 26	20 59	1 35	11 6	12 31	16 26	16 3	18 25	15 6	6 39
S 4	22 30	8 7	1 47	23 48	1 21	21 36	1 13	23 7	0 46	20 11	0 3	19 10	0 8	16 53	0 26	20 59	1 35	11 6	12 31	16 26	16 2	18 28	15 5	6 39
S 5	22 23	14 5	0 33	23 43	1 26	21 43	1 11	23 2	0 46	20 12	0 3	19 9	0 8	16 53	0 26	20 58	1 35	11 6	12 31	16 26	16 1	18 30	15 4	6 39
M 6	22 16	19 21	0n44	23 36	1 31	21 50	1 9	22 57	0 47	20 14	0 3	19 7	0 8	16 52	0 26	20 58	1 35	11 7	12 32	16 26	16 1	18 33	15 3	6 39
T 7	22 9	23 31	1 59	23 28	1 35	21 56	1 7	22 52	0 47	20 16	0 3	19 6	0 8	16 52	0 26	20 58	1 35	11 7	12 32	16 26	16 0	18 35	15 2	6 39
W 8	22 1	26 10	3 6	23 19	1 40	22 2	1 4	22 46	0 48	20 17	0 3	19 4	0 8	16 52	0 26	20 58	1 35	11 8	12 33	16 24	15 59	18 38	15 1	6 39
T 9	21 53	26 59	4 1	23 8	1 44	22 7	1 2	22 41	0 48	20 19	0 2	19 3	0 8	16 52	0 26	20 58	1 35	11 8	12 33	16 22	15 58	18 41	15 0	6 39
F 10	21 44	25 57	4 40	22 56	1 48	22 11	1 0	22 35	0 48	20 21	0 2	19 1	0 8	16 51	0 26	20 58	1 35	11 9	12 34	16 19	15 57	18 43	14 59	6 39
S 11	21 35	23 13	5 0	22 43	1 52	22 15	0 57	22 29	0 49	20 23	0 2	19 0	0 8	16 51	0 26	20 58	1 35	11 9	12 34	16 16	15 56	18 46	14 58	6 39
S 12	21 26	19 12	5 1	22 29	1 55	22 18	0 55	22 23	0 49	20 24	0 2	18 58	0 8	16 51	0 26	20 58	1 35	11 10	12 34	16 13	15 55	18 48	14 57	6 39
M13	21 16	14 18	4 46	22 13	1 58	22 21	0 53	22 16	0 50	20 26	0 2	18 57	0 8	16 51	0 26	20 58	1 35	11 10	12 35	16 10	15 54	18 51	14 56	6 39
T 14	21 5	8 53	4 16	21 56	2 1	22 22	0 50	22 9	0 50	20 28	0 2	18 55	0 8	16 51	0 26	20 58	1 35	11 11	12 35	16 8	15 53	18 53	14 55	6 39
W15	20 55	3 16	3 34	21 38	2 4	22 23	0 48	22 2	0 51	20 29	0 2	18 53	0 8	16 51	0 26	20 57	1 35	11 11	12 36	16 6	15 52	18 56	14 54	6 39
T 16	20 43	2s20	2 43	21 18	2 6	22 24	0 45	21 55	0 51	20 31	0 2	18 52	0 8	16 50	0 26	20 57	1 35	11 12	12 36	16 5	15 51	18 58	14 53	6 39
F 17	20 32	7 44	1 46	20 57	2 8	22 23	0 43	21 47	0 51	20 33	0 1	18 50	0 8	16 50	0 26	20 57	1 35	11 13	12 37	16 5	15 50	19 1	14 52	6 39
S 18	20 20	12 47	0 44	20 35	2 10	22 22	0 40	21 40	0 52	20 35	0 1	18 49	0 7	16 50	0 26	20 57	1 35	11 13	12 37	16 5	15 49	19 3	14 51	6 39
S 19	20 8	17 21	0s18	20 12	2 11	22 21	0 38	21 32	0 52	20 36	0 1	18 47	0 7	16 50	0 26	20 57	1 35	11 14	12 37	16 5	15 48	19 6	14 50	6 39
M20	19 55	21 14	1 20	19 48	2 11	22 18	0 35	21 24	0 53	20 38	0 1	18 45	0 7	16 50	0 26	20 57	1 35	11 14	12 38	16 5	15 47	19 9	14 49	6 39
T 21	19 42	24 17	2 18	19 22	2 12	22 15	0 33	21 15	0 53	20 40	0 1	18 44	0 7	16 50	0 26	20 57	1 35	11 15	12 38	16 4	15 46	19 11	14 48	6 40
W22	19 28	26 16	3 12	18 55	2 12	22 12	0 30	21 7	0 53	20 41	0 1	18 42	0 7	16 50	0 26	20 57	1 35	11 16	12 39	16 2	15 46	19 14	14 47	6 40
T 23	19 15	27 2	3 57	18 27	2 11	22 7	0 28	20 58	0 54	20 43	0 1	18 40	0 7	16 50	0 26	20 57	1 35	11 16	12 39	16 0	15 45	19 16	14 46	6 40
F 24	19 0	26 26	4 31	17 58	2 10	22 2	0 25	20 49	0 54	20 44	0 0	18 39	0 7	16 50	0 26	20 57	1 34	11 17	12 39	15 56	15 44	19 19	14 44	6 40
S 25	18 46	24 27	4 53	17 27	2 9	21 57	0 22	20 39	0 54	20 46	0 0	18 37	0 7	16 50	0 26	20 57	1 34	11 17	12 40	15 52	15 43	19 21	14 43	6 40
S 26	18 31	21 10	5 0	16 56	2 7	21 50	0 20	20 30	0 55	20 48	0 0	18 35	0 7	16 50	0 25	20 57	1 34	11 18	12 40	15 48	15 42	19 24	14 42	6 40
M27	18 16	16 45	4 51	16 23	2 4	21 43	0 17	20 20	0 55	20 49	0 0	18 34	0 7	16 50	0 25	20 57	1 34	11 19	12 41	15 44	15 41	19 26	14 41	6 40
T 28	18 0	11 27	4 26	15 50	2 1	21 36	0 15	20 10	0 56	20 51	0n 0	18 32	0 7	16 50	0 25	20 57	1 34	11 19	12 41	15 41	15 40	19 29	14 40	6 41
W29	17 44	5 32	3 45	15 15	1 57	21 27	0 12	20 0	0 56	20 52	0 0	18 30	0 7	16 50	0 25	20 57	1 34	11 20	12 41	15 38	15 39	19 31	14 39	6 41
T 30	17 28	0n42	2 51	14 40	1 53	21 18	0 9	19 50	0 56	20 54	0 0	18 29	0 7	16 50	0 25	20 57	1 34	11 21	12 42	15 37	15 38	19 33	14 37	6 41
F 31	17s12	6n58	1s47	14s 3	1s48	21s 9	0n 7	19s39	0s57	20n55	0n 0	18s27	0n 7	16n50	0s25	20n56	1s34	11n21	12n42	15n36	15n37	19s36	14s36	6n41

Julian Day Number = 3071727.5, Delta T = 02h36m52s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'48, Lahiri = 47°39'49

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

FEBRUARY 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 49 48	12♒27'24	6♉19	28♒37	24♑24	6♒11	25°R 1	6♒18	18♉46	16°R 3	0°R45	12°R59	13♉ 0	24♏15	23♑36	S 1
S 2	8 53 44	13°28'28	20°23	0♓ 7	25°39	6°57	24♋54	6°25	18°46	16♊ 3	0♎44	12♉59	12°57	24°22	23°42	S 2
M 3	8 57 41	14°29'31	4♊31	1°36	26°55	7°42	24°46	6°32	18°46	16° 2	0°43	12°58	12°54	24°28	23°48	M 3
T 4	9 1 37	15°30'34	18°43	3° 2	28°10	8°27	24°39	6°39	18°47	16° 1	0°42	12°56	12°51	24°35	23°54	T 4
W 5	9 5 34	16°31'37	2♋57	4°26	29°25	9°13	24°32	6°46	18°47	16° 1	0°41	12°50	12°47	24°42	24° 0	W 5
T 6	9 9 30	17°32'39	17° 9	5°47	0♒40	9°58	24°25	6°53	18°48	16° 0	0°40	12°41	12°44	24°48	24° 6	T 6
F 7	9 13 27	18°33'41	1♌15	7° 4	1°55	10°44	24°18	7° 1	18°49	15°59	0°39	12°30	12°41	24°55	24°12	F 7
S 8	9 17 24	19°34'43	15° 9	8°17	3°11	11°29	24°12	7° 8	18°49	15°59	0°38	12°17	12°38	25° 2	24°17	S 8
S 9	9 21 20	20°35'44	28°48	9°26	4°26	12°15	24° 5	7°15	18°50	15°58	0°37	12° 5	12°35	25° 8	24°23	S 9
M10	9 25 17	21°36'45	12♍ 8	10°28	5°41	13° 1	23°59	7°22	18°51	15°58	0°36	11°53	12°32	25°15	24°29	M10
T 11	9 29 13	22°37'46	25° 7	11°24	6°56	13°46	23°52	7°29	18°52	15°57	0°35	11°43	12°28	25°22	24°35	T 11
W12	9 33 10	23°38'46	7♎45	12°13	8°11	14°32	23°46	7°36	18°52	15°57	0°34	11°36	12°25	25°28	24°41	W12
T 13	9 37 6	24°39'47	20° 5	12°53	9°27	15°18	23°40	7°42	18°53	15°57	0°32	11°31	12°22	25°35	24°46	T 13
F 14	9 41 3	25°40'47	2♏ 9	13°25	10°42	16° 4	23°34	7°49	18°54	15°56	0°31	11°29	12°19	25°42	24°52	F 14
S 15	9 44 59	26°41'47	14° 3	13°46	11°57	16°50	23°29	7°56	18°55	15°56	0°30	11°D29	12°16	25°48	24°58	S 15
S 16	9 48 56	27°42'46	25°51	13°R57	13°12	17°36	23°23	8° 3	18°56	15°56	0°29	11°R29	12°12	25°55	25° 3	S 16
M17	9 52 52	28°43'46	7♐39	13°56	14°28	18°21	23°18	8°10	18°57	15°55	0°28	11°29	12° 9	26° 2	25° 9	M17
T 18	9 56 49	29°44'45	19°34	13°44	15°43	19° 7	23°12	8°17	18°59	15°55	0°26	11°27	12° 6	26° 8	25°14	T 18
W19	10 0 46	0♓45'44	1♑39	13°21	16°58	19°53	23° 7	8°24	19° 0	15°55	0°25	11°23	12° 3	26°15	25°20	W19
T 20	10 4 42	1°46'42	13°59	12°46	18°13	20°40	23° 2	8°30	19° 1	15°55	0°24	11°16	12° 0	26°21	25°25	T 20
F 21	10 8 39	2°47'40	26°38	12° 1	19°29	21°26	22°58	8°37	19° 2	15°55	0°22	11° 6	11°57	26°28	25°31	F 21
S 22	10 12 35	3°48'37	9♒37	11° 6	20°44	22°12	22°53	8°44	19° 4	15°55	0°21	10°55	11°53	26°35	25°36	S 22
S 23	10 16 32	4°49'34	22°57	10° 4	21°59	22°58	22°49	8°51	19° 5	15°54	0°20	10°43	11°50	26°41	25°41	S 23
M24	10 20 28	5°50'30	6♓35	8°55	23°15	23°44	22°45	8°57	19° 7	15°D54	0°18	10°32	11°47	26°48	25°46	M24
T 25	10 24 25	6°51'25	20°29	7°42	24°30	24°30	22°41	9° 4	19° 8	15°54	0°17	10°22	11°44	26°55	25°52	T 25
W26	10 28 21	7°52'19	4♈34	6°28	25°45	25°17	22°37	9°10	19°10	15°55	0°16	10°15	11°41	27° 1	25°57	W26
T 27	10 32 18	8°53'12	18°45	5°14	27° 0	26° 3	22°33	9°17	19°11	15°55	0°14	10°10	11°38	27° 8	26° 2	T 27
F 28	10 36 15	9♓54'04	2♉59	4♓ 2	28♒16	26♒49	22♋30	9♒23	19♉13	15♊55	0♎13	10♉ 8	11♉34	27♏15	26♑ 7	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s55	12n57	0s35	13s26	1s42	20s59	0n 4	19s29	0s57	20n57	0n 1	18s25	0n 6	16n51	0s25	20n56	1s34	11n22	12n42	15n36	15n36	19s38	14s35	6n41
S 2	16 38	18 18	0n39	12 49	1 35	20 48	0 2	19 18	0 57	20 58	0 1	18 24	0 6	16 51	0 25	20 56	1 34	11 23	12 43	15 36	15 35	19 41	14 34	6 42
M 3	16 20	22 40	1 51	12 11	1 28	20 36	0s 1	19 6	0 58	21 0	0 1	18 22	0 6	16 51	0 25	20 56	1 34	11 23	12 43	15 36	15 34	19 43	14 33	6 42
T 4	16 2	25 41	2 57	11 32	1 20	20 24	0 4	18 55	0 58	21 1	0 1	18 20	0 6	16 51	0 25	20 56	1 34	11 24	12 44	15 35	15 33	19 46	14 31	6 42
W 5	15 44	27 3	3 51	10 54	1 11	20 11	0 6	18 44	0 58	21 2	0 1	18 19	0 6	16 51	0 25	20 56	1 34	11 25	12 44	15 33	15 32	19 48	14 30	6 42
T 6	15 26	26 37	4 31	10 15	1 1	19 58	0 9	18 32	0 59	21 4	0 1	18 17	0 6	16 51	0 25	20 56	1 34	11 26	12 44	15 30	15 31	19 51	14 29	6 43
F 7	15 8	24 29	4 55	9 37	0 50	19 44	0 11	18 20	0 59	21 5	0 1	18 15	0 6	16 51	0 25	20 56	1 34	11 26	12 45	15 27	15 30	19 53	14 28	6 43
S 8	14 49	20 55	5 0	8 59	0 38	19 30	0 14	18 8	0 59	21 6	0 2	18 14	0 6	16 52	0 25	20 56	1 34	11 27	12 45	15 23	15 29	19 56	14 27	6 43
S 9	14 30	16 17	4 48	8 22	0 26	19 15	0 16	17 55	0 59	21 8	0 2	18 12	0 6	16 52	0 25	20 56	1 34	11 28	12 45	15 19	15 28	19 58	14 25	6 43
M10	14 10	10 57	4 20	7 46	0 12	18 59	0 19	17 43	1 0	21 9	0 2	18 10	0 6	16 52	0 25	20 56	1 34	11 28	12 46	15 16	15 27	20 0	14 24	6 44
T 11	13 51	5 17	3 39	7 12	0n 2	18 43	0 21	17 30	1 0	21 10	0 2	18 9	0 6	16 52	0 25	20 56	1 34	11 29	12 46	15 13	15 26	20 3	14 23	6 44
W12	13 31	0s28	2 49	6 39	0 17	18 26	0 24	17 17	1 0	21 11	0 2	18 7	0 6	16 53	0 25	20 56	1 34	11 30	12 46	15 10	15 26	20 5	14 21	6 44
T 13	13 11	6 4	1 51	6 9	0 33	18 9	0 26	17 4	1 1	21 12	0 2	18 5	0 6	16 53	0 25	20 56	1 33	11 31	12 46	15 9	15 25	20 8	14 20	6 45
F 14	12 51	11 20	0 49	5 42	0 50	17 51	0 28	16 51	1 1	21 13	0 2	18 3	0 6	16 53	0 25	20 56	1 33	11 31	12 47	15 9	15 24	20 10	14 19	6 45
S 15	12 30	16 8	0s14	5 18	1 7	17 33	0 31	16 37	1 1	21 15	0 2	18 2	0 6	16 54	0 25	20 56	1 33	11 32	12 47	15 8	15 23	20 13	14 18	6 45
S 16	12 10	20 16	1 16	4 58	1 24	17 14	0 33	16 24	1 1	21 16	0 3	18 0	0 5	16 54	0 25	20 56	1 33	11 33	12 47	15 8	15 22	20 15	14 16	6 46
M17	11 49	23 36	2 14	4 42	1 42	16 55	0 35	16 10	1 2	21 17	0 3	17 58	0 5	16 54	0 25	20 56	1 33	11 34	12 48	15 8	15 21	20 17	14 15	6 46
T 18	11 28	25 56	3 8	4 30	1 59	16 35	0 38	15 56	1 2	21 18	0 3	17 57	0 5	16 54	0 25	20 56	1 33	11 34	12 48	15 8	15 20	20 20	14 14	6 46
W19	11 6	27 6	3 54	4 23	2 16	16 14	0 40	15 42	1 2	21 19	0 3	17 55	0 5	16 55	0 25	20 57	1 33	11 35	12 48	15 6	15 19	20 22	14 12	6 47
T 20	10 45	26 58	4 29	4 21	2 32	15 54	0 42	15 28	1 2	21 20	0 3	17 53	0 5	16 55	0 25	20 57	1 33	11 36	12 48	15 4	15 18	20 24	14 11	6 47
F 21	10 23	25 26	4 53	4 25	2 47	15 33	0 44	15 13	1 3	21 20	0 3	17 52	0 5	16 56	0 25	20 57	1 33	11 37	12 49	15 1	15 17	20 27	14 10	6 47
S 22	10 1	22 32	5 2	4 33	3 1	15 11	0 46	14 59	1 3	21 21	0 3	17 50	0 5	16 56	0 25	20 57	1 33	11 37	12 49	14 58	15 16	20 29	14 9	6 48
S 23	9 39	18 24	4 56	4 45	3 12	14 49	0 48	14 44	1 3	21 22	0 3	17 48	0 5	16 56	0 25	20 57	1 33	11 38	12 49	14 54	15 15	20 32	14 7	6 48
M24	9 17	13 14	4 32	5 2	3 22	14 26	0 50	14 29	1 3	21 23	0 4	17 47	0 5	16 57	0 25	20 57	1 33	11 39	12 49	14 51	15 14	20 34	14 6	6 49
T 25	8 55	7 18	3 52	5 22	3 29	14 4	0 52	14 14	1 4	21 24	0 4	17 45	0 5	16 57	0 25	20 57	1 33	11 40	12 50	14 48	15 13	20 36	14 5	6 49
W26	8 33	0 56	2 58	5 45	3 33	13 40	0 54	13 59	1 4	21 24	0 4	17 43	0 5	16 58	0 25	20 57	1 33	11 40	12 50	14 45	15 12	20 39	14 3	6 49
T 27	8 10	5n34	1 52	6 10	3 35	13 17	0 56	13 44	1 4	21 25	0 4	17 42	0 5	16 58	0 25	20 57	1 33	11 41	12 50	14 44	15 11	20 41	14 2	6 50
F 28	7s47	11n48	0s38	6s36	3n35	12s53	0s58	13s28	1s 4	21n26	0n 4	17s40	0n 5	16n59	0s25	20n57	1s33	11n42	12n50	14n43	15n10	20s43	14s 1	6n50

Julian Day Number = 3071758.5, Delta T = 02h36m53s
Ecliptic obliquity = 23°13'22, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'53, Lahiri = 47°39'53

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

MARCH 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 40 11	10♓54'55	17♉12	2°R54	29♒31	27♒36	22°R26	9♒30	19♉15	15♊55	0°R11	10°D 8	11♉31	27♏21	26♐12	S 1
S 2	10 44 8	11°55'44	1♊22	1♓52	0♓46	28°22	22♋23	9°36	19°16	15°55	0♎10	10♉ 9	11°28	27°28	26°17	S 2
M 3	10 48 4	12°56'32	15°28	0°56	2° 1	29° 8	22°20	9°43	19°18	15°55	0° 8	10°R 9	11°25	27°35	26°22	M 3
T 4	10 52 1	13°57'19	29°28	0° 9	3°17	29°55	22°18	9°49	19°20	15°56	0° 7	10° 8	11°22	27°41	26°27	T 4
W 5	10 55 57	14°58'05	13♋23	29♒29	4°32	0♓41	22°15	9°55	19°22	15°56	0° 6	10° 4	11°18	27°48	26°31	W 5
T 6	10 59 54	15°58'49	27°10	28°57	5°47	1°28	22°13	10° 1	19°24	15°56	0° 4	9°59	11°15	27°55	26°36	T 6
F 7	11 3 51	16°59'32	10♌48	28°34	7° 2	2°14	22°11	10° 8	19°26	15°57	0° 3	9°51	11°12	28° 1	26°41	F 7
S 8	11 7 47	18° 0'13	24°15	28°19	8°17	3° 1	22° 9	10°14	19°28	15°57	0° 1	9°42	11° 9	28° 8	26°45	S 8
S 9	11 11 44	19° 0'53	7♍30	28°D12	9°33	3°47	22° 8	10°20	19°30	15°57	29♍59	9°32	11° 6	28°15	26°50	S 9
M10	11 15 40	20° 1'32	20°30	28°12	10°48	4°34	22° 6	10°26	19°32	15°58	29°58	9°24	11° 3	28°21	26°54	M10
T 11	11 19 37	21° 2'10	3♎14	28°19	12° 3	5°20	22° 5	10°32	19°34	15°58	29°57	9°17	10°59	28°28	26°59	T 11
W12	11 23 33	22° 2'46	15°42	28°33	13°18	6° 7	22° 4	10°38	19°36	15°59	29°55	9°12	10°56	28°34	27° 3	W12
T 13	11 27 30	23° 3'21	27°56	28°53	14°33	6°54	22° 3	10°44	19°38	15°59	29°54	9° 9	10°53	28°41	27° 8	T 13
F 14	11 31 26	24° 3'55	9♏58	29°19	15°49	7°40	22° 2	10°50	19°40	16° 0	29°52	9°D 8	10°50	28°48	27°12	F 14
S 15	11 35 23	25° 4'28	21°52	29°49	17° 4	8°27	22° 2	10°56	19°43	16° 1	29°50	9° 9	10°47	28°54	27°16	S 15
S 16	11 39 19	26° 4'59	3♐40	0♓25	18°19	9°14	22° 1	11° 1	19°45	16° 1	29°49	9°10	10°44	29° 1	27°20	S 16
M17	11 43 16	27° 5'30	15°29	1° 5	19°34	10° 1	22°D 1	11° 7	19°47	16° 2	29°47	9°12	10°40	29° 8	27°24	M17
T 18	11 47 13	28° 5'59	27°23	1°49	20°49	10°47	22° 2	11°13	19°50	16° 3	29°46	9°R13	10°37	29°14	27°28	T 18
W19	11 51 9	29° 6'28	9♑27	2°37	22° 4	11°34	22° 2	11°18	19°52	16° 4	29°44	9°12	10°34	29°21	27°32	W19
T 20	11 55 6	0♈ 6'55	21°47	3°28	23°20	12°21	22° 2	11°24	19°55	16° 4	29°43	9°10	10°31	29°28	27°36	T 20
F 21	11 59 2	1° 7'21	4♒27	4°23	24°35	13° 8	22° 3	11°29	19°57	16° 5	29°41	9° 6	10°28	29°34	27°40	F 21
S 22	12 2 59	2° 7'45	17°29	5°21	25°50	13°55	22° 4	11°34	20° 0	16° 6	29°40	9° 0	10°24	29°41	27°43	S 22
S 23	12 6 55	3° 8'08	0♓56	6°21	27° 5	14°42	22° 5	11°40	20° 2	16° 7	29°38	8°54	10°21	29°48	27°47	S 23
M24	12 10 52	4° 8'30	14°47	7°24	28°20	15°29	22° 7	11°45	20° 5	16° 8	29°37	8°48	10°18	29°54	27°51	M24
T 25	12 14 48	5° 8'50	28°59	8°29	29°35	16°15	22° 8	11°50	20° 7	16° 9	29°35	8°43	10°15	0♐ 1	27°54	T 25
W26	12 18 45	6° 9'09	13♈27	9°37	0♈50	17° 2	22°10	11°55	20°10	16°10	29°34	8°40	10°12	0° 8	27°58	W26
T 27	12 22 42	7° 9'26	28° 5	10°46	2° 5	17°49	22°12	12° 0	20°13	16°11	29°32	8°38	10° 9	0°14	28° 1	T 27
F 28	12 26 38	8° 9'41	12♉47	11°58	3°20	18°36	22°14	12° 5	20°15	16°12	29°31	8°D37	10° 5	0°21	28° 4	F 28
S 29	12 30 35	9° 9'55	27°25	13°11	4°35	19°23	22°16	12°10	20°18	16°13	29°29	8°38	10° 2	0°28	28° 7	S 29
S 30	12 34 31	10°10'06	11♊54	14°27	5°50	20°10	22°19	12°15	20°21	16°14	29°27	8°40	9°59	0°34	28°10	S 30
M31	12 38 28	11♈10'16	26♊12	15♓44	7♈ 6	20♓57	22♋22	12♒20	20♉24	16♊15	29♍26	8♉41	9♉56	0♐41	28♑13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s24	17n25	0n38	7s 3	3n32	12s28	1s 0	13s13	1s 4	21n26	0n 4	17s38	0n 5	16n59	0s25	20n57	1s33	11n43	12n51	14n43	15n 9	20s46	13s59	6n51
S 2	7 2	22 4	1 51	7 29	3 27	12 4	1 1	12 57	1 5	21 27	0 4	17 37	0 5	17 0	0 24	20 57	1 32	11 43	12 51	14 44	15 8	20 48	13 58	6 51
M 3	6 39	25 23	2 57	7 55	3 20	11 39	1 3	12 41	1 5	21 28	0 4	17 35	0 4	17 0	0 24	20 57	1 32	11 44	12 51	14 44	15 7	20 50	13 57	6 52
T 4	6 15	27 6	3 53	8 19	3 12	11 13	1 5	12 25	1 5	21 28	0 4	17 34	0 4	17 1	0 24	20 57	1 32	11 45	12 51	14 43	15 6	20 53	13 55	6 52
W 5	5 52	27 6	4 34	8 42	3 2	10 48	1 6	12 9	1 5	21 29	0 5	17 32	0 4	17 1	0 24	20 57	1 32	11 46	12 51	14 42	15 5	20 55	13 54	6 53
T 6	5 29	25 25	4 58	9 3	2 52	10 22	1 8	11 53	1 5	21 29	0 5	17 30	0 4	17 2	0 24	20 58	1 32	11 46	12 51	14 41	15 4	20 57	13 53	6 53
F 7	5 5	22 16	5 6	9 21	2 40	9 55	1 9	11 36	1 6	21 30	0 5	17 29	0 4	17 2	0 24	20 58	1 32	11 47	12 52	14 38	15 3	21 0	13 51	6 54
S 8	4 42	17 58	4 56	9 38	2 28	9 29	1 11	11 20	1 6	21 30	0 5	17 27	0 4	17 3	0 24	20 58	1 32	11 48	12 52	14 35	15 2	21 2	13 50	6 54
S 9	4 19	12 52	4 31	9 52	2 16	9 2	1 12	11 3	1 6	21 30	0 5	17 26	0 4	17 3	0 24	20 58	1 32	11 49	12 52	14 32	15 1	21 4	13 49	6 54
M10	3 55	7 17	3 52	10 4	2 3	8 35	1 13	10 47	1 6	21 31	0 5	17 24	0 4	17 4	0 24	20 58	1 32	11 49	12 52	14 30	15 0	21 7	13 48	6 55
T 11	3 31	1 30	3 1	10 14	1 50	8 8	1 15	10 30	1 6	21 31	0 5	17 23	0 4	17 5	0 24	20 58	1 32	11 50	12 52	14 27	14 59	21 9	13 46	6 55
W12	3 8	4s14	2 3	10 21	1 37	7 40	1 16	10 13	1 6	21 31	0 5	17 21	0 4	17 5	0 24	20 58	1 32	11 51	12 52	14 26	14 58	21 11	13 45	6 56
T 13	2 44	9 42	1 0	10 26	1 24	7 13	1 17	9 56	1 6	21 32	0 5	17 20	0 4	17 6	0 24	20 58	1 32	11 51	12 52	14 25	14 57	21 14	13 44	6 57
F 14	2 20	14 45	0s 5	10 30	1 11	6 45	1 18	9 39	1 6	21 32	0 6	17 18	0 4	17 6	0 24	20 58	1 32	11 52	12 53	14 25	14 56	21 16	13 42	6 57
S 15	1 56	19 10	1 9	10 31	0 59	6 17	1 19	9 21	1 7	21 32	0 6	17 17	0 4	17 7	0 24	20 58	1 32	11 53	12 53	14 25	14 55	21 18	13 41	6 58
S 16	1 33	22 49	2 9	10 30	0 47	5 49	1 20	9 4	1 7	21 32	0 6	17 15	0 4	17 8	0 24	20 59	1 32	11 54	12 53	14 25	14 54	21 20	13 40	6 58
M17	1 9	25 30	3 4	10 27	0 35	5 20	1 21	8 47	1 7	21 32	0 6	17 14	0 3	17 8	0 24	20 59	1 32	11 54	12 53	14 26	14 53	21 23	13 38	6 59
T 18	0 45	27 4	3 52	10 22	0 23	4 52	1 22	8 29	1 7	21 32	0 6	17 12	0 3	17 9	0 24	20 59	1 32	11 55	12 53	14 26	14 52	21 25	13 37	6 59
W19	0 21	27 23	4 30	10 16	0 12	4 23	1 23	8 12	1 7	21 32	0 6	17 11	0 3	17 10	0 24	20 59	1 32	11 56	12 53	14 26	14 52	21 27	13 36	7 0
T 20	0n 3	26 22	4 57	10 8	0 1	3 54	1 23	7 54	1 7	21 32	0 6	17 9	0 3	17 10	0 24	20 59	1 31	11 56	12 53	14 25	14 51	21 29	13 35	7 0
F 21	0 27	24 0	5 10	9 58	0s10	3 25	1 24	7 36	1 7	21 32	0 6	17 8	0 3	17 11	0 24	20 59	1 31	11 57	12 53	14 24	14 50	21 32	13 33	7 1
S 22	0 50	20 20	5 8	9 47	0 20	2 56	1 25	7 18	1 7	21 32	0 6	17 6	0 3	17 12	0 24	20 59	1 31	11 58	12 53	14 22	14 49	21 34	13 32	7 1
S 23	1 14	15 32	4 49	9 34	0 30	2 27	1 25	7 1	1 7	21 32	0 6	17 5	0 3	17 12	0 24	21 0	1 31	11 58	12 53	14 20	14 48	21 36	13 31	7 2
M24	1 38	9 49	4 12	9 19	0 39	1 58	1 26	6 43	1 7	21 32	0 7	17 4	0 3	17 13	0 24	21 0	1 31	11 59	12 53	14 18	14 47	21 38	13 30	7 3
T 25	2 2	3 28	3 20	9 4	0 48	1 29	1 26	6 25	1 7	21 32	0 7	17 2	0 3	17 14	0 24	21 0	1 31	12 0	12 53	14 17	14 46	21 41	13 28	7 3
W26	2 25	3n13	2 13	8 46	0 57	0 59	1 26	6 7	1 7	21 32	0 7	17 1	0 3	17 15	0 24	21 0	1 31	12 0	12 53	14 16	14 45	21 43	13 27	7 4
T 27	2 49	9 48	0 57	8 28	1 5	0 30	1 26	5 48	1 7	21 31	0 7	17 0	0 3	17 15	0 24	21 0	1 31	12 1	12 53	14 15	14 44	21 45	13 26	7 4
F 28	3 13	15 54	0n23	8 8	1 13	0 1	1 27	5 30	1 7	21 31	0 7	16 58	0 3	17 16	0 24	21 0	1 31	12 1	12 53	14 15	14 43	21 47	13 25	7 5
S 29	3 36	21 3	1 41	7 47	1 20	0n29	1 27	5 12	1 7	21 31	0 7	16 57	0 3	17 17	0 24	21 0	1 31	12 2	12 53	14 15	14 42	21 49	13 24	7 6
S 30	4 0	24 52	2 53	7 25	1 27	0 58	1 27	4 54	1 7	21 31	0 7	16 56	0 3	17 17	0 24	21 1	1 31	12 3	12 53	14 16	14 41	21 52	13 22	7 6
M31	4n23	27n 2	3n52	7s 1	1s34	1n27	1s27	4s35	1s 7	21n30	0n 7	16s54	0n 3	17n18	0s24	21n 1	1s31	12n 3	12n53	14n16	14n40	21s54	13s21	7n 7

Julian Day Number = 3071786.5, Delta T = 02h36m54s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°32'57, Lahiri = 47°39'57

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

APRIL 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 42 24	12♈10'24	10♋16	17♓ 2	8♈21	21♓44	22♋24	12♒25	20♉27	16♊17	29°R24	8°R42	9♉53	0♐48	28♑16	T 1
W 2	12 46 21	13°10'29	24° 4	18°22	9°36	22°31	22°28	12°29	20°30	16°18	29♍23	8♉41	9°50	0°54	28°19	W 2
T 3	12 50 17	14°10'33	7♌38	19°44	10°50	23°18	22°31	12°34	20°32	16°19	29°21	8°40	9°46	1° 1	28°22	T 3
F 4	12 54 14	15°10'34	20°56	21° 7	12° 5	24° 5	22°34	12°38	20°35	16°20	29°20	8°37	9°43	1° 7	28°25	F 4
S 5	12 58 11	16°10'33	4♍ 1	22°31	13°20	24°52	22°38	12°43	20°38	16°22	29°19	8°34	9°40	1°14	28°28	S 5
S 6	13 2 7	17°10'31	16°51	23°57	14°35	25°39	22°42	12°47	20°41	16°23	29°17	8°30	9°37	1°21	28°30	S 6
M 7	13 6 4	18°10'26	29°29	25°24	15°50	26°26	22°46	12°52	20°44	16°24	29°16	8°27	9°34	1°27	28°33	M 7
T 8	13 10 0	19°10'20	11♎55	26°53	17° 5	27°13	22°50	12°56	20°47	16°26	29°14	8°24	9°30	1°34	28°35	T 8
W 9	13 13 57	20°10'11	24° 9	28°23	18°20	28° 0	22°54	13° 0	20°50	16°27	29°13	8°23	9°27	1°41	28°37	W 9
T 10	13 17 53	21°10'01	6♏14	29°54	19°35	28°47	22°59	13° 4	20°54	16°28	29°11	8°D22	9°24	1°47	28°40	T 10
F 11	13 21 50	22° 9'49	18°10	1♈26	20°50	29°34	23° 3	13° 8	20°57	16°30	29°10	8°22	9°21	1°54	28°42	F 11
S 12	13 25 46	23° 9'35	0♐ 1	3° 0	22° 5	0♈22	23° 8	13°12	21° 0	16°31	29° 9	8°23	9°18	2° 1	28°44	S 12
S 13	13 29 43	24° 9'20	11°49	4°35	23°19	1° 9	23°13	13°15	21° 3	16°33	29° 7	8°25	9°15	2° 7	28°46	S 13
M14	13 33 39	25° 9'03	23°39	6°11	24°34	1°56	23°19	13°19	21° 6	16°34	29° 6	8°26	9°11	2°14	28°48	M14
T 15	13 37 36	26° 8'45	5♑33	7°48	25°49	2°43	23°24	13°23	21° 9	16°36	29° 5	8°27	9° 8	2°21	28°50	T 15
W16	13 41 33	27° 8'24	17°36	9°27	27° 4	3°30	23°29	13°26	21°12	16°38	29° 3	8°28	9° 5	2°27	28°51	W16
T 17	13 45 29	28° 8'03	29°54	11° 7	28°18	4°17	23°35	13°30	21°16	16°39	29° 2	8°R28	9° 2	2°34	28°53	T 17
F 18	13 49 26	29° 7'39	12♒30	12°48	29°33	5° 4	23°41	13°33	21°19	16°41	29° 1	8°28	8°59	2°41	28°55	F 18
S 19	13 53 22	0♉ 7'14	25°28	14°30	0♉48	5°51	23°47	13°36	21°22	16°43	28°59	8°27	8°55	2°47	28°56	S 19
S 20	13 57 19	1° 6'47	8♓52	16°14	2° 3	6°38	23°53	13°40	21°25	16°44	28°58	8°26	8°52	2°54	28°57	S 20
M21	14 1 15	2° 6'18	22°43	17°59	3°17	7°25	24° 0	13°43	21°29	16°46	28°57	8°25	8°49	3° 1	28°59	M21
T 22	14 5 12	3° 5'48	6♈59	19°46	4°32	8°12	24° 6	13°46	21°32	16°48	28°56	8°25	8°46	3° 7	29° 0	T 22
W23	14 9 8	4° 5'15	21°37	21°33	5°47	8°59	24°13	13°49	21°35	16°49	28°54	8°24	8°43	3°14	29° 1	W23
T 24	14 13 5	5° 4'41	6♉31	23°22	7° 1	9°46	24°20	13°52	21°39	16°51	28°53	8°D24	8°40	3°21	29° 2	T 24
F 25	14 17 2	6° 4'06	21°34	25°13	8°16	10°33	24°26	13°54	21°42	16°53	28°52	8°24	8°36	3°27	29° 3	F 25
S 26	14 20 58	7° 3'28	6♊36	27° 5	9°31	11°20	24°34	13°57	21°45	16°55	28°51	8°24	8°33	3°34	29° 4	S 26
S 27	14 24 55	8° 2'48	21°29	28°58	10°45	12° 7	24°41	13°59	21°49	16°57	28°50	8°R24	8°30	3°41	29° 5	S 27
M28	14 28 51	9° 2'06	6♋ 7	0♉52	12° 0	12°54	24°48	14° 2	21°52	16°58	28°49	8°24	8°27	3°47	29° 6	M28
T 29	14 32 48	10° 1'21	20°25	2°48	13°14	13°41	24°56	14° 4	21°55	17° 0	28°47	8°24	8°24	3°54	29° 6	T 29
W30	14 36 44	11♉ 0'35	4♌20	4♉45	14♉29	14♈28	25♋ 3	14♒ 7	21♉59	17♊ 2	28♍46	8°D24	8♉21	4♐ 1	29♑ 7	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n46	27n26	4n37	6s37	1s40	1n57	1s27	4s17	1s 7	21n30	0n 7	16s53	0n 2	17n19	0s24	21n 1	1s31	12n 4	12n53	14n16	14n39	21s56	13s20	7n 7
W 2	5 9	26 6	5 4	6 11	1 46	2 26	1 27	3 59	1 7	21 30	0 7	16 52	0 2	17 20	0 24	21 1	1 31	12 4	12 53	14 16	14 38	21 58	13 19	7 8
T 3	5 33	23 15	5 14	5 44	1 51	2 55	1 27	3 40	1 7	21 29	0 7	16 51	0 2	17 21	0 24	21 1	1 31	12 5	12 53	14 16	14 37	22 0	13 18	7 9
F 4	5 56	19 14	5 7	5 16	1 56	3 25	1 26	3 22	1 7	21 29	0 8	16 50	0 2	17 21	0 24	21 2	1 31	12 5	12 53	14 15	14 36	22 3	13 17	7 9
S 5	6 18	14 22	4 44	4 47	2 1	3 54	1 26	3 3	1 7	21 28	0 8	16 48	0 2	17 22	0 24	21 2	1 31	12 6	12 53	14 14	14 35	22 5	13 15	7 10
S 6	6 41	8 56	4 7	4 18	2 5	4 23	1 26	2 45	1 7	21 28	0 8	16 47	0 2	17 23	0 24	21 2	1 31	12 7	12 53	14 13	14 34	22 7	13 14	7 11
M 7	7 4	3 14	3 18	3 47	2 8	4 52	1 25	2 26	1 7	21 27	0 8	16 46	0 2	17 24	0 24	21 2	1 31	12 7	12 53	14 12	14 33	22 9	13 13	7 11
T 8	7 26	2s30	2 21	3 15	2 12	5 21	1 25	2 7	1 7	21 26	0 8	16 45	0 2	17 25	0 24	21 2	1 31	12 8	12 53	14 11	14 32	22 11	13 12	7 12
W 9	7 49	8 5	1 18	2 42	2 15	5 50	1 24	1 49	1 7	21 26	0 8	16 44	0 2	17 25	0 24	21 2	1 30	12 8	12 53	14 10	14 31	22 13	13 11	7 12
T 10	8 11	13 17	0 12	2 8	2 17	6 18	1 23	1 30	1 7	21 25	0 8	16 43	0 2	17 26	0 24	21 3	1 30	12 9	12 53	14 10	14 30	22 15	13 10	7 13
F 11	8 33	17 57	0s54	1 34	2 19	6 47	1 23	1 12	1 7	21 24	0 8	16 42	0 2	17 27	0 24	21 3	1 30	12 9	12 53	14 10	14 29	22 18	13 9	7 14
S 12	8 55	21 53	1 57	0 58	2 21	7 15	1 22	0 53	1 7	21 24	0 8	16 41	0 2	17 28	0 24	21 3	1 30	12 9	12 53	14 10	14 28	22 20	13 8	7 14
S 13	9 17	24 53	2 55	0 22	2 22	7 43	1 21	0 34	1 7	21 23	0 8	16 40	0 2	17 29	0 24	21 3	1 30	12 10	12 53	14 11	14 27	22 22	13 7	7 15
M14	9 39	26 49	3 45	0n15	2 22	8 11	1 20	0 16	1 7	21 22	0 8	16 39	0 2	17 30	0 24	21 3	1 30	12 10	12 53	14 11	14 26	22 24	13 6	7 16
T 15	10 0	27 33	4 27	0 53	2 23	8 39	1 19	0n 3	1 7	21 21	0 8	16 38	0 1	17 30	0 24	21 4	1 30	12 11	12 53	14 12	14 25	22 26	13 5	7 16
W16	10 22	26 59	4 57	1 31	2 22	9 7	1 18	0 22	1 6	21 20	0 9	16 37	0 1	17 31	0 24	21 4	1 30	12 11	12 52	14 12	14 24	22 28	13 4	7 17
T 17	10 43	25 6	5 14	2 11	2 22	9 34	1 17	0 40	1 6	21 20	0 9	16 36	0 1	17 32	0 23	21 4	1 30	12 12	12 52	14 12	14 23	22 30	13 3	7 18
F 18	11 4	21 58	5 16	2 51	2 21	10 2	1 16	0 59	1 6	21 19	0 9	16 35	0 1	17 33	0 23	21 4	1 30	12 12	12 52	14 12	14 22	22 32	13 2	7 18
S 19	11 25	17 41	5 3	3 32	2 19	10 28	1 15	1 18	1 6	21 18	0 9	16 34	0 1	17 34	0 23	21 4	1 30	12 12	12 52	14 12	14 21	22 35	13 1	7 19
S 20	11 45	12 24	4 34	4 13	2 17	10 55	1 14	1 36	1 6	21 17	0 9	16 33	0 1	17 35	0 23	21 5	1 30	12 13	12 52	14 11	14 20	22 37	13 0	7 20
M21	12 6	6 21	3 48	4 55	2 14	11 22	1 12	1 55	1 6	21 16	0 9	16 33	0 1	17 35	0 23	21 5	1 30	12 13	12 52	14 11	14 19	22 39	12 59	7 20
T 22	12 26	0n12	2 46	5 38	2 11	11 48	1 11	2 13	1 6	21 15	0 9	16 32	0 1	17 36	0 23	21 5	1 30	12 14	12 52	14 11	14 18	22 41	12 58	7 21
W23	12 46	6 56	1 32	6 21	2 8	12 14	1 10	2 32	1 5	21 14	0 9	16 31	0 1	17 37	0 23	21 5	1 30	12 14	12 51	14 11	14 17	22 43	12 57	7 22
T 24	13 6	13 24	0 10	7 5	2 4	12 39	1 8	2 50	1 5	21 12	0 9	16 30	0 1	17 38	0 23	21 5	1 30	12 14	12 51	14 11	14 16	22 45	12 56	7 22
F 25	13 25	19 9	1n13	7 49	1 59	13 5	1 7	3 9	1 5	21 11	0 9	16 30	0 1	17 39	0 23	21 6	1 30	12 14	12 51	14 11	14 15	22 47	12 56	7 23
S 26	13 45	23 41	2 30	8 33	1 54	13 30	1 5	3 27	1 5	21 10	0 9	16 29	0 1	17 40	0 23	21 6	1 30	12 15	12 51	14 11	14 14	22 49	12 55	7 24
S 27	14 4	26 34	3 37	9 18	1 49	13 54	1 4	3 45	1 5	21 9	0 9	16 28	0 1	17 41	0 23	21 6	1 30	12 15	12 51	14 11	14 13	22 51	12 54	7 24
M28	14 23	27 33	4 29	10 4	1 43	14 19	1 2	4 4	1 4	21 8	0 9	16 28	0 0	17 42	0 23	21 6	1 30	12 15	12 51	14 11	14 12	22 53	12 53	7 25
T 29	14 41	26 40	5 2	10 49	1 37	14 43	1 0	4 22	1 4	21 6	0 10	16 27	0 0	17 42	0 23	21 6	1 30	12 16	12 50	14 11	14 11	22 55	12 52	7 26
W30	15n 0	24n 8	5n17	11n35	1s30	15n 6	0s59	4n40	1s 4	21n 5	0n10	16s26	0n 0	17n43	0s23	21n 7	1s30	12n16	12n50	14n11	14n10	22s57	12s52	7n27

Julian Day Number = 3071817.5, Delta T = 02h36m55s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'01, Lahiri = 47°40'01

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

MAY 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 40 41	11♉59'46	17♌52	6♉44	15♉43	15♈15	25♋11	14♒ 9	22♉ 2	17♊ 4	28°R45	8♉24	8♉17	4♐ 7	29♑ 7	T 1
F 2	14 44 37	12°58'55	1♍ 2	8°44	16°58	16° 2	25°19	14°11	22° 6	17° 6	28♍44	8°24	8°14	4°14	29° 8	F 2
S 3	14 48 34	13°58'01	13°54	10°45	18°12	16°49	25°27	14°13	22° 9	17° 8	28°43	8°25	8°11	4°21	29° 8	S 3
S 4	14 52 31	14°57'05	26°28	12°47	19°27	17°36	25°35	14°15	22°12	17°10	28°42	8°25	8° 8	4°27	29° 8	S 4
M 5	14 56 27	15°56'08	8♎49	14°50	20°41	18°23	25°44	14°17	22°16	17°12	28°41	8°26	8° 5	4°34	29° 8	M 5
T 6	15 0 24	16°55'08	20°59	16°54	21°56	19°10	25°52	14°18	22°19	17°14	28°40	8°27	8° 1	4°41	29°R 8	T 6
W 7	15 4 20	17°54'06	3♏ 0	18°59	23°10	19°57	26° 1	14°20	22°23	17°16	28°40	8°R27	7°58	4°47	29° 8	W 7
T 8	15 8 17	18°53'02	14°56	21° 5	24°24	20°44	26° 9	14°21	22°26	17°18	28°39	8°27	7°55	4°54	29° 8	T 8
F 9	15 12 13	19°51'56	26°47	23°11	25°39	21°31	26°18	14°23	22°30	17°20	28°38	8°27	7°52	5° 0	29° 8	F 9
S 10	15 16 10	20°50'48	8♐36	25°18	26°53	22°18	26°27	14°24	22°33	17°22	28°37	8°25	7°49	5° 7	29° 7	S 10
S 11	15 20 6	21°49'39	20°25	27°24	28° 7	23° 4	26°36	14°25	22°36	17°24	28°36	8°24	7°46	5°14	29° 7	S 11
M12	15 24 3	22°48'28	2♑17	29°30	29°21	23°51	26°45	14°27	22°40	17°26	28°35	8°22	7°42	5°20	29° 6	M12
T 13	15 28 0	23°47'15	14°14	1♊36	0♊36	24°38	26°55	14°28	22°43	17°28	28°35	8°19	7°39	5°27	29° 6	T 13
W14	15 31 56	24°46'00	26°20	3°41	1°50	25°25	27° 4	14°28	22°47	17°30	28°34	8°17	7°36	5°34	29° 5	W14
T 15	15 35 53	25°44'44	8♒38	5°45	3° 4	26°12	27°14	14°29	22°50	17°33	28°33	8°16	7°33	5°40	29° 4	T 15
F 16	15 39 49	26°43'26	21°11	7°47	4°18	26°58	27°23	14°30	22°54	17°35	28°33	8°D15	7°30	5°47	29° 4	F 16
S 17	15 43 46	27°42'06	4♓ 5	9°47	5°33	27°45	27°33	14°31	22°57	17°37	28°32	8°15	7°27	5°54	29° 3	S 17
S 18	15 47 42	28°40'45	17°21	11°45	6°47	28°32	27°43	14°31	23° 0	17°39	28°31	8°16	7°23	6° 0	29° 2	S 18
M19	15 51 39	29°39'22	1♈ 2	13°41	8° 1	29°18	27°53	14°32	23° 4	17°41	28°31	8°17	7°20	6° 7	29° 1	M19
T 20	15 55 35	0♊37'58	15°10	15°34	9°15	0♉ 5	28° 3	14°32	23° 7	17°43	28°30	8°18	7°17	6°14	28°59	T 20
W21	15 59 32	1°36'32	29°44	17°24	10°29	0°52	28°13	14°32	23°11	17°46	28°30	8°19	7°14	6°20	28°58	W21
T 22	16 3 29	2°35'05	14♉38	19°11	11°43	1°38	28°23	14°32	23°14	17°48	28°29	8°R19	7°11	6°27	28°57	T 22
F 23	16 7 25	3°33'36	29°47	20°54	12°57	2°25	28°34	14°R32	23°18	17°50	28°29	8°18	7° 7	6°34	28°55	F 23
S 24	16 11 22	4°32'05	15♊ 1	22°34	14°11	3°11	28°44	14°32	23°21	17°52	28°28	8°16	7° 4	6°40	28°54	S 24
S 25	16 15 18	5°30'32	0♋10	24°10	15°25	3°58	28°55	14°32	23°24	17°54	28°28	8°12	7° 1	6°47	28°52	S 25
M26	16 19 15	6°28'58	15° 5	25°41	16°40	4°44	29° 5	14°32	23°28	17°57	28°27	8° 9	6°58	6°54	28°51	M26
T 27	16 23 11	7°27'22	29°38	27° 9	17°54	5°31	29°16	14°32	23°31	17°59	28°27	8° 5	6°55	7° 0	28°49	T 27
W28	16 27 8	8°25'43	13♌45	28°33	19° 8	6°17	29°27	14°31	23°34	18° 1	28°27	8° 2	6°52	7° 7	28°47	W28
T 29	16 31 4	9°24'03	27°24	29°52	20°21	7° 3	29°38	14°31	23°38	18° 3	28°26	8° 0	6°48	7°14	28°45	T 29
F 30	16 35 1	10°22'20	10♍36	1♋ 7	21°35	7°50	29°49	14°30	23°41	18° 6	28°26	7°D59	6°45	7°20	28°43	F 30
S 31	16 38 58	11♊20'36	23♍24	2♋17	22♊49	8♉36	29♋59	14♒29	23♉44	18♊ 8	28♍26	8♉ 0	6♉42	7♐27	28♑41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n18	20n19	5n13	12n20	1s22	15n29	0s57	4n59	1s 4	21n 4	0n10	16s26	0n 0	17n44	0s23	21n 7	1s30	12n16	12n50	14n11	14n 9	22s59	12s51	7n27
F 2	15 36	15 35	4 53	13 6	1 15	15 52	0 55	5 17	1 3	21 2	0 10	16 25	0 0	17 45	0 23	21 7	1 30	12 16	12 50	14 11	14 8	23 1	12 50	7 28
S 3	15 53	10 16	4 19	13 52	1 6	16 15	0 53	5 35	1 3	21 1	0 10	16 25	0 0	17 46	0 23	21 7	1 30	12 16	12 50	14 11	14 7	23 3	12 49	7 29
S 4	16 11	4 39	3 33	14 37	0 58	16 37	0 51	5 53	1 3	21 0	0 10	16 24	0 0	17 47	0 23	21 8	1 30	12 17	12 49	14 11	14 5	23 5	12 49	7 29
M 5	16 28	1s 3	2 37	15 22	0 49	16 58	0 49	6 11	1 3	20 58	0 10	16 24	0s 0	17 48	0 23	21 8	1 29	12 17	12 49	14 11	14 4	23 7	12 48	7 30
T 6	16 44	6 38	1 35	16 7	0 39	17 19	0 47	6 29	1 2	20 57	0 10	16 24	0 0	17 49	0 23	21 8	1 29	12 17	12 49	14 12	14 3	23 9	12 47	7 31
W 7	17 1	11 56	0 30	16 50	0 29	17 40	0 45	6 46	1 2	20 55	0 10	16 23	0 0	17 49	0 23	21 8	1 29	12 17	12 49	14 12	14 2	23 11	12 47	7 31
T 8	17 17	16 44	0s36	17 33	0 19	18 0	0 43	7 4	1 2	20 54	0 10	16 23	0 0	17 50	0 23	21 8	1 29	12 17	12 49	14 12	14 1	23 13	12 46	7 32
F 9	17 33	20 53	1 40	18 16	0 9	18 20	0 41	7 22	1 2	20 52	0 10	16 22	0 0	17 51	0 23	21 9	1 29	12 17	12 48	14 11	14 0	23 15	12 45	7 33
S 10	17 48	24 10	2 39	18 57	0n 2	18 39	0 39	7 39	1 1	20 51	0 10	16 22	0 0	17 52	0 23	21 9	1 29	12 18	12 48	14 11	13 59	23 17	12 45	7 33
S 11	18 4	26 24	3 32	19 36	0 12	18 58	0 37	7 57	1 1	20 49	0 10	16 22	0 1	17 53	0 23	21 9	1 29	12 18	12 48	14 11	13 58	23 19	12 44	7 34
M12	18 18	27 28	4 16	20 15	0 23	19 16	0 35	8 14	1 1	20 47	0 11	16 22	0 1	17 54	0 23	21 9	1 29	12 18	12 48	14 10	13 57	23 21	12 44	7 35
T 13	18 33	27 15	4 49	20 51	0 34	19 34	0 33	8 31	1 0	20 46	0 11	16 21	0 1	17 55	0 23	21 9	1 29	12 18	12 47	14 9	13 56	23 23	12 43	7 35
W14	18 47	25 45	5 9	21 26	0 45	19 51	0 30	8 49	1 0	20 44	0 11	16 21	0 1	17 56	0 23	21 10	1 29	12 18	12 47	14 8	13 55	23 25	12 43	7 36
T 15	19 1	23 1	5 16	21 59	0 55	20 7	0 28	9 6	1 0	20 42	0 11	16 21	0 1	17 56	0 23	21 10	1 29	12 18	12 47	14 8	13 54	23 27	12 42	7 36
F 16	19 15	19 10	5 8	22 29	1 6	20 24	0 26	9 23	0 59	20 40	0 11	16 21	0 1	17 57	0 23	21 10	1 29	12 18	12 47	14 8	13 53	23 29	12 42	7 37
S 17	19 28	14 21	4 44	22 58	1 16	20 39	0 23	9 40	0 59	20 38	0 11	16 21	0 1	17 58	0 23	21 10	1 29	12 18	12 46	14 8	13 52	23 31	12 41	7 38
S 18	19 41	8 44	4 5	23 24	1 25	20 54	0 21	9 57	0 58	20 37	0 11	16 21	0 1	17 59	0 23	21 11	1 29	12 18	12 46	14 8	13 51	23 33	12 41	7 38
M19	19 54	2 31	3 11	23 48	1 34	21 8	0 19	10 13	0 58	20 35	0 11	16 21	0 1	18 0	0 23	21 11	1 29	12 18	12 46	14 8	13 50	23 35	12 41	7 39
T 20	20 6	4n 1	2 4	24 9	1 43	21 22	0 16	10 30	0 58	20 33	0 11	16 21	0 1	18 1	0 23	21 11	1 29	12 18	12 45	14 9	13 49	23 37	12 40	7 40
W21	20 18	10 32	0 47	24 29	1 51	21 35	0 14	10 46	0 57	20 31	0 11	16 21	0 1	18 2	0 23	21 11	1 29	12 18	12 45	14 9	13 48	23 39	12 40	7 40
T 22	20 29	16 38	0n35	24 45	1 58	21 48	0 12	11 3	0 57	20 29	0 11	16 21	0 1	18 2	0 23	21 11	1 29	12 18	12 45	14 9	13 47	23 40	12 39	7 41
F 23	20 41	21 48	1 55	25 0	2 5	22 0	0 9	11 19	0 57	20 27	0 11	16 21	0 2	18 3	0 23	21 12	1 29	12 18	12 45	14 9	13 46	23 42	12 39	7 41
S 24	20 51	25 30	3 8	25 12	2 11	22 11	0 7	11 35	0 56	20 25	0 11	16 21	0 2	18 4	0 23	21 12	1 29	12 18	12 44	14 8	13 45	23 44	12 39	7 42
S 25	21 2	27 21	4 7	25 22	2 16	22 22	0 4	11 51	0 56	20 23	0 11	16 21	0 2	18 5	0 23	21 12	1 29	12 18	12 44	14 7	13 44	23 46	12 39	7 43
M26	21 12	27 9	4 49	25 29	2 20	22 32	0 2	12 7	0 55	20 21	0 11	16 21	0 2	18 6	0 23	21 12	1 29	12 17	12 44	14 6	13 43	23 48	12 38	7 43
T 27	21 21	25 6	5 10	25 35	2 23	22 41	0n 1	12 23	0 55	20 18	0 12	16 21	0 2	18 7	0 23	21 12	1 29	12 17	12 43	14 4	13 42	23 50	12 38	7 44
W28	21 31	21 31	5 12	25 39	2 26	22 50	0 3	12 38	0 54	20 16	0 12	16 22	0 2	18 7	0 23	21 13	1 29	12 17	12 43	14 3	13 41	23 52	12 38	7 44
T 29	21 40	16 54	4 56	25 41	2 27	22 58	0 6	12 54	0 54	20 14	0 12	16 22	0 2	18 8	0 23	21 13	1 29	12 17	12 43	14 3	13 40	23 54	12 38	7 45
F 30	21 48	11 36	4 24	25 41	2 28	23 6	0 8	13 9	0 54	20 12	0 12	16 22	0 2	18 9	0 23	21 13	1 29	12 17	12 43	14 3	13 39	23 56	12 37	7 46
S 31	21n56	5n59	3n40	25n39	2n27	23n12	0n11	13n24	0s53	20n10	0n12	16s22	0s 2	18n10	0s23	21n13	1s29	12n17	12n42	14n 3	13n38	23s57	12s37	7n46

Julian Day Number = 3071847.5, Delta T = 02h36m56s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'05, Lahiri = 47°40'05

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

JUNE 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 42 54	12♊18'49	5♎52	3♋23	24♊ 3	9♉22	0♌11	14°R28	23♉48	18♊10	28°R25	8♉ 1	6♉39	7♐34	28°R39	S 1
M 2	16 46 51	13°17'01	18° 4	4°25	25°17	10° 9	0°22	14♒27	23°51	18°12	28♍25	8° 3	6°36	7°40	28♑37	M 2
T 3	16 50 47	14°15'11	0♏ 5	5°21	26°31	10°55	0°33	14°26	23°54	18°14	28°25	8° 4	6°33	7°47	28°35	T 3
W 4	16 54 44	15°13'19	11°58	6°14	27°45	11°41	0°45	14°25	23°58	18°17	28°25	8°R 4	6°29	7°54	28°33	W 4
T 5	16 58 40	16°11'25	23°47	7° 1	28°59	12°27	0°56	14°24	24° 1	18°19	28°25	8° 3	6°26	8° 0	28°30	T 5
F 6	17 2 37	17° 9'30	5♐36	7°43	0♋12	13°13	1° 8	14°23	24° 4	18°21	28°25	8° 0	6°23	8° 7	28°28	F 6
S 7	17 6 34	18° 7'33	17°25	8°21	1°26	13°59	1°19	14°21	24° 7	18°24	28°25	7°55	6°20	8°14	28°25	S 7
S 8	17 10 30	19° 5'35	29°18	8°53	2°40	14°45	1°31	14°20	24°10	18°26	28°D25	7°48	6°17	8°20	28°23	S 8
M 9	17 14 27	20° 3'35	11♑16	9°21	3°54	15°31	1°43	14°18	24°14	18°28	28°25	7°40	6°13	8°27	28°20	M 9
T 10	17 18 23	21° 1'34	23°21	9°44	5° 7	16°17	1°55	14°16	24°17	18°30	28°25	7°33	6°10	8°34	28°18	T 10
W11	17 22 20	21°59'31	5♒34	10° 1	6°21	17° 3	2° 6	14°15	24°20	18°33	28°25	7°25	6° 7	8°40	28°15	W11
T 12	17 26 16	22°57'27	17°58	10°14	7°35	17°49	2°18	14°13	24°23	18°35	28°25	7°19	6° 4	8°47	28°12	T 12
F 13	17 30 13	23°55'22	0♓35	10°22	8°48	18°35	2°30	14°11	24°26	18°37	28°25	7°14	6° 1	8°54	28° 9	F 13
S 14	17 34 9	24°53'16	13°28	10°R25	10° 2	19°20	2°42	14° 9	24°29	18°39	28°25	7°12	5°58	9° 0	28° 6	S 14
S 15	17 38 6	25°51'08	26°40	10°23	11°15	20° 6	2°55	14° 7	24°32	18°42	28°26	7°D11	5°54	9° 7	28° 3	S 15
M16	17 42 3	26°49'00	10♈12	10°16	12°29	20°52	3° 7	14° 4	24°35	18°44	28°26	7°12	5°51	9°14	28° 0	M16
T 17	17 45 59	27°46'50	24° 9	10° 5	13°43	21°37	3°19	14° 2	24°38	18°46	28°26	7°13	5°48	9°20	27°57	T 17
W18	17 49 56	28°44'40	8♉29	9°50	14°56	22°23	3°31	14° 0	24°41	18°48	28°26	7°R13	5°45	9°27	27°54	W18
T 19	17 53 52	29°42'28	23°11	9°31	16°10	23° 9	3°44	13°57	24°44	18°51	28°27	7°12	5°42	9°34	27°51	T 19
F 20	17 57 49	0♋40'16	8♊10	9° 9	17°23	23°54	3°56	13°55	24°47	18°53	28°27	7° 9	5°39	9°40	27°48	F 20
S 21	18 1 45	1°38'03	23°19	8°44	18°37	24°40	4° 9	13°52	24°50	18°55	28°27	7° 4	5°35	9°47	27°44	S 21
S 22	18 5 42	2°35'48	8♋28	8°15	19°50	25°25	4°21	13°49	24°53	18°57	28°28	6°56	5°32	9°54	27°41	S 22
M23	18 9 38	3°33'32	23°28	7°45	21° 4	26°10	4°34	13°47	24°56	18°59	28°28	6°48	5°29	10° 0	27°38	M23
T 24	18 13 35	4°31'15	8♌ 8	7°13	22°17	26°56	4°46	13°44	24°59	19° 2	28°29	6°39	5°26	10° 7	27°34	T 24
W25	18 17 32	5°28'56	22°23	6°40	23°31	27°41	4°59	13°41	25° 2	19° 4	28°29	6°32	5°23	10°14	27°31	W25
T 26	18 21 28	6°26'36	6♍ 9	6° 6	24°44	28°26	5°12	13°38	25° 4	19° 6	28°30	6°26	5°19	10°20	27°28	T 26
F 27	18 25 25	7°24'15	19°26	5°33	25°57	29°11	5°24	13°35	25° 7	19° 8	28°30	6°22	5°16	10°27	27°24	F 27
S 28	18 29 21	8°21'52	2♎16	5° 0	27°11	29°56	5°37	13°32	25°10	19°10	28°31	6°21	5°13	10°34	27°20	S 28
S 29	18 33 18	9°19'28	14°44	4°28	28°24	0♊42	5°50	13°28	25°13	19°12	28°31	6°D21	5°10	10°40	27°17	S 29
M30	18 37 14	10♋17'02	26♎55	3♋58	29♋37	1♊27	6♌ 3	13♒25	25♉15	19♊15	28♍32	6♉21	5♉ 7	10♐47	27♑13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	0n15	2n47	25n36	2n26	23n18	0n13	13n39	0s53	20n 7	0n12	16s23	0s 2	18n11	0s23	21n13	1s29	12n16	12n42	14n 3	13n37	23s59	12s37	7n47
M 2	22 11	5s22	1 47	25 32	2 23	23 24	0 15	13 54	0 52	20 5	0 12	16 23	0 2	18 12	0 23	21 14	1 29	12 16	12 42	14 4	13 36	24 1	12 37	7 47
T 3	22 18	10 43	0 44	25 26	2 19	23 29	0 18	14 9	0 52	20 3	0 12	16 23	0 2	18 12	0 23	21 14	1 29	12 16	12 41	14 4	13 35	24 3	12 37	7 48
W 4	22 25	15 38	0s21	25 19	2 15	23 33	0 20	14 23	0 51	20 0	0 12	16 24	0 3	18 13	0 23	21 14	1 29	12 16	12 41	14 4	13 34	24 5	12 37	7 48
T 5	22 31	19 55	1 25	25 11	2 9	23 36	0 23	14 38	0 51	19 58	0 12	16 24	0 3	18 14	0 23	21 14	1 29	12 16	12 41	14 4	13 33	24 7	12 37	7 49
F 6	22 37	23 24	2 24	25 2	2 2	23 39	0 25	14 52	0 50	19 56	0 12	16 25	0 3	18 15	0 23	21 14	1 29	12 15	12 40	14 3	13 32	24 8	12 37	7 49
S 7	22 42	25 55	3 17	24 52	1 55	23 41	0 28	15 6	0 50	19 53	0 12	16 25	0 3	18 16	0 23	21 15	1 29	12 15	12 40	14 1	13 31	24 10	12 37	7 50
S 8	22 47	27 15	4 2	24 41	1 46	23 42	0 30	15 20	0 49	19 51	0 12	16 26	0 3	18 16	0 23	21 15	1 29	12 15	12 40	13 59	13 30	24 12	12 37	7 50
M 9	22 51	27 21	4 37	24 29	1 36	23 42	0 32	15 34	0 49	19 48	0 12	16 26	0 3	18 17	0 23	21 15	1 29	12 15	12 40	13 57	13 28	24 14	12 37	7 51
T 10	22 55	26 8	4 59	24 17	1 25	23 42	0 35	15 47	0 48	19 46	0 13	16 27	0 3	18 18	0 23	21 15	1 29	12 14	12 39	13 54	13 27	24 16	12 37	7 51
W11	22 59	23 41	5 8	24 4	1 13	23 41	0 37	16 1	0 48	19 43	0 13	16 27	0 3	18 19	0 23	21 15	1 29	12 14	12 39	13 52	13 26	24 17	12 37	7 52
T 12	23 2	20 7	5 3	23 50	1 0	23 40	0 39	16 14	0 47	19 40	0 13	16 28	0 3	18 19	0 23	21 16	1 29	12 14	12 39	13 50	13 25	24 19	12 37	7 52
F 13	23 5	15 35	4 43	23 36	0 47	23 38	0 42	16 27	0 46	19 38	0 13	16 29	0 3	18 20	0 23	21 16	1 29	12 13	12 38	13 48	13 24	24 21	12 37	7 53
S 14	23 8	10 17	4 9	23 21	0 32	23 35	0 44	16 40	0 46	19 35	0 13	16 29	0 3	18 21	0 23	21 16	1 29	12 13	12 38	13 47	13 23	24 23	12 37	7 53
S 15	23 10	4 24	3 21	23 6	0 17	23 31	0 46	16 53	0 45	19 32	0 13	16 30	0 3	18 22	0 23	21 16	1 29	12 12	12 38	13 47	13 22	24 24	12 37	7 53
M16	23 11	1n51	2 20	22 51	0 1	23 27	0 49	17 5	0 45	19 30	0 13	16 31	0 4	18 22	0 23	21 16	1 29	12 12	12 37	13 47	13 21	24 26	12 38	7 54
T 17	23 12	8 12	1 10	22 35	0s16	23 22	0 51	17 18	0 44	19 27	0 13	16 32	0 4	18 23	0 23	21 17	1 29	12 12	12 37	13 48	13 20	24 28	12 38	7 54
W18	23 13	14 19	0n 7	22 19	0 33	23 16	0 53	17 30	0 44	19 24	0 13	16 32	0 4	18 24	0 23	21 17	1 29	12 11	12 37	13 48	13 19	24 30	12 38	7 55
T 19	23 13	19 46	1 25	22 3	0 50	23 10	0 55	17 42	0 43	19 21	0 13	16 33	0 4	18 24	0 23	21 17	1 29	12 11	12 36	13 48	13 18	24 31	12 38	7 55
F 20	23 13	24 4	2 38	21 47	1 8	23 3	0 57	17 54	0 42	19 19	0 13	16 34	0 4	18 25	0 23	21 17	1 29	12 10	12 36	13 47	13 17	24 33	12 38	7 55
S 21	23 13	26 44	3 41	21 31	1 26	22 55	0 59	18 5	0 42	19 16	0 13	16 35	0 4	18 26	0 23	21 17	1 29	12 10	12 36	13 45	13 16	24 35	12 39	7 56
S 22	23 12	27 26	4 29	21 15	1 44	22 47	1 1	18 17	0 41	19 13	0 13	16 36	0 4	18 27	0 23	21 17	1 29	12 10	12 35	13 42	13 15	24 37	12 39	7 56
M23	23 11	26 5	4 57	20 59	2 1	22 38	1 3	18 28	0 41	19 10	0 13	16 36	0 4	18 27	0 23	21 18	1 29	12 9	12 35	13 40	13 14	24 38	12 39	7 56
T 24	23 9	22 59	5 5	20 44	2 18	22 28	1 5	18 39	0 40	19 7	0 14	16 37	0 4	18 28	0 23	21 18	1 29	12 9	12 35	13 37	13 13	24 40	12 40	7 57
W25	23 7	18 33	4 54	20 29	2 35	22 18	1 7	18 50	0 39	19 4	0 14	16 38	0 4	18 29	0 23	21 18	1 29	12 8	12 35	13 34	13 12	24 42	12 40	7 57
T 26	23 4	13 17	4 26	20 15	2 51	22 7	1 9	19 0	0 39	19 1	0 14	16 39	0 4	18 29	0 23	21 18	1 29	12 8	12 34	13 33	13 11	24 43	12 40	7 57
F 27	23 1	7 35	3 44	20 1	3 6	21 56	1 11	19 11	0 38	18 58	0 14	16 40	0 5	18 30	0 23	21 18	1 29	12 7	12 34	13 31	13 10	24 45	12 41	7 58
S 28	22 58	1 44	2 52	19 48	3 20	21 43	1 13	19 21	0 37	18 55	0 14	16 41	0 5	18 31	0 23	21 18	1 29	12 7	12 34	13 31	13 9	24 47	12 41	7 58
S 29	22 54	4s 1	1 53	19 36	3 33	21 31	1 14	19 31	0 37	18 52	0 14	16 42	0 5	18 31	0 23	21 19	1 29	12 6	12 33	13 31	13 8	24 48	12 41	7 58
M30	22n50	9s30	0n50	19n25	3s44	21n17	1n16	19n40	0s36	18n49	0n14	16s43	0s 5	18n32	0s23	21n19	1s29	12n 6	12n33	13n31	13n 7	24s50	12s42	7n58

Julian Day Number = 3071878.5, Delta T = 02h36m57s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'09, Lahiri = 47°40'10

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

JULY 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 41 11	11♋14'36	8♏53	3°R30	0♌51	2♊11	6♌16	13°R22	25♉18	19♊17	28♍33	6°R21	5♉ 4	10♐54	27°R10	T 1
W 2	18 45 8	12°12'08	20°43	3♋ 5	2° 4	2°56	6°29	13♒18	25°21	19°19	28°33	6♉20	5° 0	11° 0	27♑ 6	W 2
T 3	18 49 4	13° 9'39	2♐31	2°44	3°17	3°41	6°42	13°15	25°23	19°21	28°34	6°17	4°57	11° 7	27° 2	T 3
F 4	18 53 1	14° 7'09	14°20	2°25	4°30	4°26	6°55	13°11	25°26	19°23	28°35	6°12	4°54	11°14	26°59	F 4
S 5	18 56 57	15° 4'38	26°13	2°10	5°43	5°11	7° 8	13° 8	25°28	19°25	28°36	6° 3	4°51	11°20	26°55	S 5
S 6	19 0 54	16° 2'06	8♑12	2° 0	6°57	5°55	7°21	13° 4	25°31	19°27	28°37	5°53	4°48	11°27	26°51	S 6
M 7	19 4 50	16°59'34	20°19	1°53	8°10	6°40	7°34	13° 0	25°33	19°29	28°37	5°41	4°45	11°34	26°47	M 7
T 8	19 8 47	17°57'00	2♒36	1°D51	9°23	7°25	7°47	12°57	25°35	19°31	28°38	5°28	4°41	11°41	26°44	T 8
W 9	19 12 43	18°54'26	15° 2	1°53	10°36	8° 9	8° 1	12°53	25°38	19°33	28°39	5°16	4°38	11°47	26°40	W 9
T 10	19 16 40	19°51'51	27°39	2° 0	11°49	8°54	8°14	12°49	25°40	19°35	28°40	5° 6	4°35	11°54	26°36	T 10
F 11	19 20 37	20°49'16	10♓27	2°12	13° 2	9°38	8°27	12°45	25°42	19°37	28°41	4°58	4°32	12° 1	26°32	F 11
S 12	19 24 33	21°46'40	23°28	2°28	14°15	10°22	8°40	12°41	25°45	19°39	28°42	4°53	4°29	12° 7	26°28	S 12
S 13	19 28 30	22°44'04	6♈44	2°48	15°28	11° 7	8°54	12°37	25°47	19°41	28°43	4°50	4°25	12°14	26°24	S 13
M14	19 32 26	23°41'27	20°15	3°13	16°41	11°51	9° 7	12°33	25°49	19°43	28°44	4°D49	4°22	12°21	26°21	M14
T 15	19 36 23	24°38'50	4♉ 4	3°43	17°54	12°35	9°20	12°29	25°51	19°45	28°45	4°R49	4°19	12°27	26°17	T 15
W16	19 40 19	25°36'13	18°11	4°17	19° 7	13°19	9°34	12°25	25°53	19°47	28°46	4°49	4°16	12°34	26°13	W16
T 17	19 44 16	26°33'35	2♊37	4°56	20°20	14° 3	9°47	12°20	25°56	19°49	28°47	4°47	4°13	12°41	26° 9	T 17
F 18	19 48 12	27°30'58	17°17	5°38	21°33	14°47	10° 0	12°16	25°58	19°51	28°48	4°42	4°10	12°47	26° 5	F 18
S 19	19 52 9	28°28'20	2♋ 8	6°25	22°46	15°31	10°14	12°12	26° 0	19°53	28°50	4°35	4° 6	12°54	26° 1	S 19
S 20	19 56 6	29°25'42	17° 2	7°16	23°58	16°15	10°27	12° 8	26° 2	19°55	28°51	4°26	4° 3	13° 1	25°58	S 20
M21	20 0 2	0♌23'04	1♌50	8°12	25°11	16°59	10°41	12° 3	26° 3	19°56	28°52	4°15	4° 0	13° 7	25°54	M21
T 22	20 3 59	1°20'25	16°24	9°11	26°24	17°43	10°54	11°59	26° 5	19°58	28°53	4° 3	3°57	13°14	25°50	T 22
W23	20 7 55	2°17'46	0♍36	10°14	27°37	18°26	11° 8	11°55	26° 7	20° 0	28°54	3°53	3°54	13°21	25°46	W23
T 24	20 11 52	3°15'06	14°22	11°22	28°49	19°10	11°21	11°50	26° 9	20° 2	28°56	3°45	3°51	13°27	25°42	T 24
F 25	20 15 48	4°12'26	27°41	12°33	0♍ 2	19°53	11°35	11°46	26°11	20° 4	28°57	3°39	3°47	13°34	25°38	F 25
S 26	20 19 45	5° 9'45	10♎34	13°48	1°15	20°37	11°48	11°42	26°12	20° 5	28°58	3°36	3°44	13°41	25°35	S 26
S 27	20 23 41	6° 7'04	23° 4	15° 6	2°27	21°20	12° 2	11°37	26°14	20° 7	29° 0	3°35	3°41	13°47	25°31	S 27
M28	20 27 38	7° 4'22	5♏15	16°29	3°40	22° 4	12°15	11°33	26°16	20° 9	29° 1	3°34	3°38	13°54	25°27	M28
T 29	20 31 35	8° 1'40	17°14	17°55	4°52	22°47	12°29	11°28	26°17	20°10	29° 2	3°34	3°35	14° 1	25°24	T 29
W30	20 35 31	8°58'57	29° 6	19°25	6° 5	23°30	12°42	11°24	26°19	20°12	29° 4	3°33	3°31	14° 7	25°20	W30
T 31	20 39 28	9♌56'14	10♐54	20♋58	7♍18	24♊13	12♌56	11♒20	26♉20	20♊14	29♍ 5	3♉30	3♉28	14♐14	25♑16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	14s33	0s13	19n16	3s55	21n 3	1n18	19n50	0s35	18n46	0n14	16s44	0s 5	18n32	0s23	21n19	1s29	12n 5	12n33	13n31	13n 5	24s52	12s42	7n59
W 2	22 40	18 59	1 16	19 7	4 4	20 49	1 19	19 59	0 35	18 43	0 14	16 45	0 5	18 33	0 23	21 19	1 29	12 5	12 32	13 31	13 4	24 53	12 43	7 59
T 3	22 35	22 41	2 15	19 0	4 12	20 33	1 21	20 8	0 34	18 40	0 14	16 46	0 5	18 34	0 23	21 19	1 29	12 4	12 32	13 30	13 3	24 55	12 43	7 59
F 4	22 29	25 25	3 8	18 53	4 19	20 18	1 22	20 17	0 33	18 36	0 14	16 47	0 5	18 34	0 23	21 19	1 29	12 3	12 32	13 28	13 2	24 57	12 44	7 59
S 5	22 23	27 3	3 52	18 49	4 24	20 1	1 24	20 26	0 33	18 33	0 14	16 49	0 5	18 35	0 23	21 20	1 29	12 3	12 31	13 25	13 1	24 58	12 44	7 59
S 6	22 16	27 25	4 27	18 45	4 28	19 45	1 25	20 34	0 32	18 30	0 14	16 50	0 5	18 35	0 23	21 20	1 29	12 2	12 31	13 22	13 0	25 0	12 45	8 0
M 7	22 9	26 29	4 51	18 43	4 30	19 27	1 26	20 43	0 31	18 27	0 14	16 51	0 5	18 36	0 23	21 20	1 29	12 2	12 31	13 18	12 59	25 2	12 45	8 0
T 8	22 2	24 17	5 1	18 41	4 31	19 9	1 28	20 51	0 31	18 23	0 15	16 52	0 6	18 37	0 23	21 20	1 29	12 1	12 31	13 14	12 58	25 3	12 46	8 0
W 9	21 54	20 55	4 57	18 41	4 31	18 51	1 29	20 59	0 30	18 20	0 15	16 53	0 6	18 37	0 23	21 20	1 29	12 0	12 30	13 10	12 57	25 5	12 46	8 0
T 10	21 46	16 32	4 39	18 43	4 30	18 32	1 30	21 6	0 29	18 17	0 15	16 54	0 6	18 38	0 23	21 20	1 29	12 0	12 30	13 6	12 56	25 6	12 47	8 0
F 11	21 38	11 23	4 6	18 45	4 28	18 12	1 31	21 13	0 29	18 14	0 15	16 55	0 6	18 38	0 23	21 20	1 29	11 59	12 30	13 4	12 55	25 8	12 47	8 0
S 12	21 29	5 38	3 20	18 48	4 24	17 53	1 32	21 21	0 28	18 10	0 15	16 57	0 6	18 39	0 23	21 20	1 29	11 59	12 29	13 2	12 54	25 10	12 48	8 0
S 13	21 20	0n27	2 23	18 52	4 20	17 32	1 33	21 27	0 27	18 7	0 15	16 58	0 6	18 39	0 23	21 21	1 29	11 58	12 29	13 1	12 53	25 11	12 49	8 0
M14	21 10	6 40	1 16	18 57	4 14	17 11	1 34	21 34	0 26	18 3	0 15	16 59	0 6	18 40	0 23	21 21	1 29	11 57	12 29	13 1	12 52	25 13	12 49	8 0
T 15	21 0	12 42	0 4	19 2	4 8	16 50	1 35	21 41	0 26	18 0	0 15	17 0	0 6	18 40	0 23	21 21	1 29	11 57	12 29	13 1	12 51	25 14	12 50	8 1
W16	20 50	18 13	1n10	19 8	4 1	16 28	1 35	21 47	0 25	17 56	0 15	17 2	0 6	18 41	0 23	21 21	1 29	11 56	12 28	13 1	12 50	25 16	12 51	8 1
T 17	20 39	22 48	2 21	19 15	3 53	16 6	1 36	21 53	0 24	17 53	0 15	17 3	0 6	18 41	0 23	21 21	1 29	11 55	12 28	13 0	12 49	25 17	12 51	8 1
F 18	20 28	26 1	3 24	19 22	3 45	15 43	1 37	21 59	0 23	17 50	0 15	17 4	0 6	18 42	0 23	21 21	1 29	11 55	12 28	12 58	12 48	25 19	12 52	8 1
S 19	20 17	27 27	4 14	19 29	3 35	15 20	1 37	22 4	0 23	17 46	0 15	17 5	0 6	18 42	0 23	21 21	1 29	11 54	12 28	12 56	12 46	25 21	12 53	8 1
S 20	20 5	26 53	4 47	19 36	3 26	14 57	1 38	22 9	0 22	17 42	0 15	17 7	0 7	18 43	0 23	21 21	1 29	11 53	12 27	12 53	12 45	25 22	12 53	8 1
M21	19 53	24 27	5 0	19 43	3 15	14 33	1 38	22 15	0 21	17 39	0 16	17 8	0 7	18 43	0 23	21 22	1 29	11 52	12 27	12 49	12 44	25 24	12 54	8 1
T 22	19 41	20 27	4 54	19 51	3 4	14 9	1 38	22 19	0 20	17 35	0 16	17 9	0 7	18 43	0 23	21 22	1 30	11 52	12 27	12 45	12 43	25 25	12 55	8 0
W23	19 28	15 21	4 29	19 57	2 53	13 44	1 39	22 24	0 20	17 32	0 16	17 10	0 7	18 44	0 23	21 22	1 30	11 51	12 27	12 42	12 42	25 27	12 55	8 0
T 24	19 15	9 37	3 49	20 4	2 41	13 19	1 39	22 28	0 19	17 28	0 16	17 12	0 7	18 44	0 23	21 22	1 30	11 50	12 26	12 39	12 41	25 28	12 56	8 0
F 25	19 2	3 38	2 58	20 9	2 29	12 54	1 39	22 33	0 18	17 25	0 16	17 13	0 7	18 45	0 23	21 22	1 30	11 50	12 26	12 37	12 40	25 30	12 57	8 0
S 26	18 48	2s19	1 59	20 15	2 17	12 29	1 39	22 36	0 17	17 21	0 16	17 14	0 7	18 45	0 23	21 22	1 30	11 49	12 26	12 36	12 39	25 31	12 58	8 0
S 27	18 34	8 2	0 55	20 19	2 5	12 3	1 39	22 40	0 16	17 17	0 16	17 16	0 7	18 45	0 23	21 22	1 30	11 48	12 26	12 36	12 38	25 33	12 58	8 0
M28	18 20	13 18	0s 9	20 22	1 52	11 37	1 39	22 44	0 16	17 14	0 16	17 17	0 7	18 46	0 23	21 22	1 30	11 47	12 25	12 36	12 37	25 34	12 59	8 0
T 29	18 6	17 59	1 12	20 24	1 39	11 10	1 39	22 47	0 15	17 10	0 16	17 18	0 7	18 46	0 23	21 22	1 30	11 47	12 25	12 36	12 36	25 36	13 0	8 0
W30	17 51	21 54	2 11	20 25	1 26	10 43	1 38	22 50	0 14	17 6	0 16	17 19	0 7	18 46	0 23	21 22	1 30	11 46	12 25	12 35	12 35	25 37	13 1	8 0
T 31	17n36	24s55	3s 4	20n24	1s13	10n16	1n38	22n53	0s13	17n 2	0n16	17s21	0s 8	18n47	0s23	21n22	1s30	11n45	12n25	12n34	12n34	25s39	13s 1	8n 0

Julian Day Number = 3071908.5, Delta T = 02h36m58s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'13, Lahiri = 47°40'14

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

AUGUST 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 43 24	10♌53'31	22♐46	22♋35	8♍30	24♊56	13♌10	11°R15	26♉22	20♊15	29♍ 7	3°R24	3♉25	14♐21	25°R13	F 1
S 2	20 47 21	11°50'48	4♑43	24°15	9°42	25°39	13°23	11♒11	26°23	20°17	29° 8	3♉16	3°22	14°27	25♑ 9	S 2
S 3	20 51 17	12°48'04	16°50	25°59	10°55	26°22	13°37	11° 6	26°24	20°18	29°10	3° 5	3°19	14°34	25° 5	S 3
M 4	20 55 14	13°45'21	29° 8	27°46	12° 7	27° 5	13°50	11° 2	26°26	20°20	29°11	2°53	3°16	14°41	25° 2	M 4
T 5	20 59 11	14°42'37	11♒38	29°36	13°19	27°48	14° 4	10°57	26°27	20°21	29°13	2°40	3°12	14°47	24°58	T 5
W 6	21 3 7	15°39'53	24°21	1♌29	14°32	28°31	14°17	10°53	26°28	20°23	29°14	2°28	3° 9	14°54	24°55	W 6
T 7	21 7 4	16°37'10	7♓17	3°25	15°44	29°13	14°31	10°48	26°29	20°24	29°16	2°17	3° 6	15° 1	24°51	T 7
F 8	21 11 0	17°34'27	20°24	5°23	16°56	29°56	14°44	10°44	26°31	20°26	29°17	2° 9	3° 3	15° 7	24°48	F 8
S 9	21 14 57	18°31'44	3♈42	7°23	18° 8	0♋38	14°58	10°40	26°32	20°27	29°19	2° 4	3° 0	15°14	24°45	S 9
S 10	21 18 53	19°29'01	17°11	9°26	19°20	1°21	15°11	10°35	26°33	20°28	29°21	2° 1	2°57	15°21	24°41	S 10
M11	21 22 50	20°26'19	0♉51	11°30	20°32	2° 3	15°25	10°31	26°34	20°30	29°22	2°D 0	2°53	15°28	24°38	M11
T 12	21 26 46	21°23'37	14°42	13°36	21°45	2°45	15°39	10°27	26°35	20°31	29°24	2°R 1	2°50	15°34	24°35	T 12
W13	21 30 43	22°20'57	28°45	15°43	22°57	3°28	15°52	10°22	26°35	20°32	29°26	2° 0	2°47	15°41	24°32	W13
T 14	21 34 40	23°18'16	12♊58	17°50	24° 9	4°10	16° 6	10°18	26°36	20°34	29°27	1°59	2°44	15°48	24°29	T 14
F 15	21 38 36	24°15'37	27°21	19°58	25°20	4°52	16°19	10°14	26°37	20°35	29°29	1°56	2°41	15°54	24°26	F 15
S 16	21 42 33	25°12'58	11♋49	22° 7	26°32	5°34	16°32	10° 9	26°38	20°36	29°31	1°49	2°37	16° 1	24°23	S 16
S 17	21 46 29	26°10'20	26°19	24°15	27°44	6°16	16°46	10° 5	26°39	20°37	29°33	1°41	2°34	16° 8	24°20	S 17
M18	21 50 26	27° 7'42	10♌44	26°22	28°56	6°58	16°59	10° 1	26°39	20°38	29°34	1°32	2°31	16°14	24°17	M18
T 19	21 54 22	28° 5'05	24°57	28°30	0♎ 8	7°39	17°13	9°57	26°40	20°40	29°36	1°22	2°28	16°21	24°14	T 19
W20	21 58 19	29° 2'29	8♍54	0♍36	1°20	8°21	17°26	9°53	26°40	20°41	29°38	1°12	2°25	16°28	24°11	W20
T 21	22 2 15	29°59'53	22°29	2°42	2°31	9° 3	17°40	9°49	26°41	20°42	29°40	1° 5	2°22	16°34	24° 8	T 21
F 22	22 6 12	0♍57'17	5♎42	4°46	3°43	9°44	17°53	9°45	26°41	20°43	29°42	1° 0	2°18	16°41	24° 5	F 22
S 23	22 10 9	1°54'41	18°32	6°49	4°55	10°25	18° 6	9°41	26°42	20°44	29°43	0°57	2°15	16°48	24° 3	S 23
S 24	22 14 5	2°52'07	1♏ 2	8°51	6° 6	11° 7	18°20	9°37	26°42	20°45	29°45	0°D56	2°12	16°54	24° 0	S 24
M25	22 18 2	3°49'32	13°14	10°51	7°18	11°48	18°33	9°33	26°42	20°46	29°47	0°57	2° 9	17° 1	23°58	M25
T 26	22 21 58	4°46'58	25°14	12°50	8°29	12°29	18°46	9°29	26°43	20°46	29°49	0°58	2° 6	17° 8	23°55	T 26
W27	22 25 55	5°44'25	7♐ 7	14°47	9°41	13°10	18°59	9°26	26°43	20°47	29°51	0°R58	2° 3	17°14	23°53	W27
T 28	22 29 51	6°41'52	18°58	16°43	10°52	13°51	19°13	9°22	26°43	20°48	29°53	0°57	1°59	17°21	23°51	T 28
F 29	22 33 48	7°39'19	0♑51	18°37	12° 3	14°32	19°26	9°18	26°43	20°49	29°55	0°54	1°56	17°28	23°48	F 29
S 30	22 37 44	8°36'48	12°52	20°29	13°15	15°13	19°39	9°15	26°43	20°50	29°57	0°50	1°53	17°34	23°46	S 30
S 31	22 41 41	9♍34'16	25♑ 4	22♍20	14♎26	15♋54	19♌52	9♒11	26°R43	20♊51	29♍59	0♉43	1♉50	17♐41	23♑44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n21	26s50	3s49	20n22	1s 0	9n49	1n37	22n55	0s12	16n59	0n16	17s22	0s 8	18n47	0s23	21n23	1s30	11n44	12n25	12n32	12n33	25s40	13s 2	7n59
S 2	17 5	27 33	4 25	20 18	0 47	9 21	1 37	22 58	0 12	16 55	0 17	17 23	0 8	18 47	0 23	21 23	1 30	11 44	12 24	12 29	12 32	25 41	13 3	7 59
S 3	16 49	26 57	4 49	20 12	0 34	8 54	1 36	23 0	0 11	16 51	0 17	17 25	0 8	18 48	0 23	21 23	1 30	11 43	12 24	12 26	12 30	25 43	13 4	7 59
M 4	16 33	25 2	5 0	20 4	0 22	8 26	1 36	23 2	0 10	16 47	0 17	17 26	0 8	18 48	0 23	21 23	1 30	11 42	12 24	12 22	12 29	25 44	13 5	7 59
T 5	16 16	21 53	4 57	19 54	0 10	7 58	1 35	23 3	0 9	16 44	0 17	17 27	0 8	18 48	0 23	21 23	1 30	11 41	12 24	12 17	12 28	25 46	13 5	7 59
W 6	16 0	17 40	4 39	19 41	0n 2	7 29	1 34	23 5	0 8	16 40	0 17	17 28	0 8	18 49	0 24	21 23	1 30	11 40	12 24	12 13	12 27	25 47	13 6	7 58
T 7	15 43	12 35	4 7	19 26	0 14	7 1	1 33	23 6	0 7	16 36	0 17	17 30	0 8	18 49	0 24	21 23	1 30	11 40	12 23	12 10	12 26	25 49	13 7	7 58
F 8	15 26	6 52	3 21	19 9	0 25	6 32	1 32	23 7	0 7	16 32	0 17	17 31	0 8	18 49	0 24	21 23	1 30	11 39	12 23	12 7	12 25	25 50	13 8	7 58
S 9	15 8	0 45	2 24	18 50	0 35	6 3	1 31	23 8	0 6	16 28	0 17	17 32	0 8	18 49	0 24	21 23	1 30	11 38	12 23	12 5	12 24	25 51	13 9	7 58
S 10	14 51	5n29	1 18	18 28	0 45	5 34	1 30	23 8	0 5	16 25	0 17	17 34	0 8	18 49	0 24	21 23	1 30	11 37	12 23	12 4	12 23	25 53	13 10	7 57
M11	14 33	11 34	0 6	18 3	0 54	5 5	1 29	23 8	0 4	16 21	0 17	17 35	0 8	18 50	0 24	21 23	1 30	11 36	12 23	12 4	12 22	25 54	13 10	7 57
T 12	14 15	17 10	1n 7	17 36	1 3	4 35	1 27	23 8	0 3	16 17	0 17	17 36	0 9	18 50	0 24	21 23	1 30	11 36	12 23	12 4	12 21	25 56	13 11	7 57
W13	13 56	21 56	2 17	17 7	1 11	4 6	1 26	23 8	0 2	16 13	0 17	17 37	0 9	18 50	0 24	21 23	1 30	11 35	12 22	12 4	12 20	25 57	13 12	7 56
T 14	13 38	25 27	3 19	16 35	1 18	3 36	1 25	23 8	0 1	16 9	0 18	17 38	0 9	18 50	0 24	21 23	1 30	11 34	12 22	12 3	12 19	25 58	13 13	7 56
F 15	13 19	27 22	4 10	16 1	1 24	3 6	1 23	23 7	0 1	16 5	0 18	17 40	0 9	18 50	0 24	21 23	1 30	11 33	12 22	12 2	12 18	26 0	13 14	7 56
S 16	13 0	27 26	4 45	15 26	1 29	2 37	1 21	23 7	0n 0	16 1	0 18	17 41	0 9	18 51	0 24	21 23	1 30	11 32	12 22	12 0	12 16	26 1	13 15	7 55
S 17	12 41	25 38	5 2	14 48	1 34	2 7	1 20	23 6	0 1	15 57	0 18	17 42	0 9	18 51	0 24	21 23	1 30	11 32	12 22	11 57	12 15	26 2	13 15	7 55
M18	12 21	22 11	4 59	14 9	1 38	1 37	1 18	23 5	0 2	15 53	0 18	17 43	0 9	18 51	0 24	21 23	1 30	11 31	12 22	11 54	12 14	26 4	13 16	7 55
T 19	12 2	17 27	4 38	13 28	1 41	1 7	1 16	23 3	0 3	15 49	0 18	17 44	0 9	18 51	0 24	21 24	1 31	11 30	12 22	11 51	12 13	26 5	13 17	7 54
W20	11 42	11 53	4 1	12 46	1 43	0 37	1 14	23 2	0 4	15 45	0 18	17 46	0 9	18 51	0 24	21 24	1 31	11 29	12 21	11 47	12 12	26 6	13 18	7 54
T 21	11 22	5 52	3 10	12 3	1 44	0 7	1 12	23 0	0 5	15 41	0 18	17 47	0 9	18 51	0 24	21 24	1 31	11 28	12 21	11 45	12 11	26 8	13 19	7 53
F 22	11 2	0s15	2 11	11 19	1 45	0s23	1 10	22 58	0 6	15 38	0 18	17 48	0 9	18 51	0 24	21 24	1 31	11 28	12 21	11 43	12 10	26 9	13 20	7 53
S 23	10 42	6 11	1 6	10 34	1 45	0 53	1 8	22 56	0 7	15 34	0 18	17 49	0 9	18 51	0 24	21 24	1 31	11 27	12 21	11 42	12 9	26 10	13 20	7 53
S 24	10 22	11 44	0s 0	9 48	1 44	1 24	1 6	22 53	0 7	15 30	0 19	17 50	0 10	18 51	0 24	21 24	1 31	11 26	12 21	11 42	12 8	26 12	13 21	7 52
M25	10 1	16 43	1 5	9 1	1 43	1 54	1 4	22 51	0 8	15 26	0 19	17 51	0 10	18 52	0 24	21 24	1 31	11 25	12 21	11 42	12 7	26 13	13 22	7 52
T 26	9 40	20 57	2 7	8 14	1 41	2 24	1 1	22 48	0 9	15 22	0 19	17 52	0 10	18 52	0 24	21 24	1 31	11 24	12 21	11 42	12 6	26 14	13 23	7 51
W27	9 19	24 17	3 2	7 27	1 38	2 54	0 59	22 45	0 10	15 18	0 19	17 53	0 10	18 52	0 24	21 24	1 31	11 23	12 21	11 42	12 5	26 15	13 24	7 51
T 28	8 58	26 34	3 49	6 40	1 35	3 24	0 56	22 42	0 11	15 14	0 19	17 54	0 10	18 52	0 24	21 24	1 31	11 23	12 21	11 42	12 3	26 17	13 25	7 50
F 29	8 37	27 39	4 26	5 52	1 31	3 54	0 54	22 38	0 12	15 10	0 19	17 55	0 10	18 52	0 24	21 24	1 31	11 22	12 21	11 41	12 2	26 18	13 25	7 50
S 30	8 16	27 27	4 52	5 4	1 27	4 24	0 51	22 35	0 13	15 6	0 19	17 56	0 10	18 52	0 24	21 24	1 31	11 21	12 20	11 39	12 1	26 19	13 26	7 50
S 31	7n55	25s56	5s 5	4n17	1n23	4s54	0n48	22n31	0n14	15n 2	0n19	17s57	0s10	18n52	0s24	21n24	1s31	11n20	12n20	11n37	12n 0	26s20	13s27	7n49

Julian Day Number = 3071939.5, Delta T = 02h36m58s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'18, Lahiri = 47°40'18

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

SEPTEMBER 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 45 38	10♍31'46	7♒31	24♍ 9	15♎37	16♋35	20♌ 5	9°R 8	26°R43	20♊51	0♎ 0	0°R35	1♉47	17♐48	23°R42	M 1
T 2	22 49 34	11°29'16	20°14	25°57	16°48	17°15	20°18	9♒ 4	26♉43	20°52	0° 2	0♉26	1°43	17°55	23♑40	T 2
W 3	22 53 31	12°26'47	3♓13	27°43	17°59	17°56	20°31	9° 1	26°43	20°53	0° 4	0°18	1°40	18° 1	23°38	W 3
T 4	22 57 27	13°24'18	16°28	29°28	19°10	18°36	20°44	8°58	26°43	20°53	0° 6	0°11	1°37	18° 8	23°36	T 4
F 5	23 1 24	14°21'51	29°58	1♎11	20°21	19°16	20°57	8°54	26°43	20°54	0° 8	0° 6	1°34	18°15	23°35	F 5
S 6	23 5 20	15°19'25	13♈40	2°52	21°32	19°57	21°10	8°51	26°42	20°54	0°10	0° 2	1°31	18°21	23°33	S 6
S 7	23 9 17	16°16'59	27°31	4°32	22°43	20°37	21°23	8°48	26°42	20°55	0°12	0°D 1	1°28	18°28	23°31	S 7
M 8	23 13 13	17°14'36	11♉31	6°10	23°53	21°17	21°36	8°45	26°42	20°55	0°14	0° 2	1°24	18°35	23°30	M 8
T 9	23 17 10	18°12'13	25°35	7°47	25° 4	21°57	21°48	8°42	26°41	20°56	0°16	0° 3	1°21	18°41	23°28	T 9
W10	23 21 6	19° 9'52	9♊44	9°22	26°15	22°37	22° 1	8°39	26°41	20°56	0°18	0° 4	1°18	18°48	23°27	W10
T 11	23 25 3	20° 7'33	23°55	10°56	27°25	23°16	22°14	8°37	26°40	20°57	0°20	0°R 4	1°15	18°55	23°26	T 11
F 12	23 29 0	21° 5'15	8♋ 6	12°29	28°36	23°56	22°27	8°34	26°40	20°57	0°22	0° 3	1°12	19° 1	23°24	F 12
S 13	23 32 56	22° 2'58	22°16	13°59	29°46	24°36	22°39	8°31	26°39	20°57	0°24	0° 0	1° 9	19° 8	23°23	S 13
S 14	23 36 53	23° 0'43	6♌21	15°29	0♏57	25°15	22°52	8°29	26°38	20°58	0°26	29♈56	1° 5	19°15	23°22	S 14
M15	23 40 49	23°58'29	20°19	16°56	2° 7	25°55	23° 4	8°26	26°38	20°58	0°28	29°50	1° 2	19°21	23°21	M15
T 16	23 44 46	24°56'17	4♍ 6	18°23	3°17	26°34	23°17	8°24	26°37	20°58	0°30	29°45	0°59	19°28	23°20	T 16
W17	23 48 42	25°54'06	17°39	19°47	4°27	27°13	23°29	8°22	26°36	20°58	0°32	29°40	0°56	19°35	23°19	W17
T 18	23 52 39	26°51'56	0♎55	21°11	5°38	27°52	23°41	8°19	26°35	20°59	0°34	29°36	0°53	19°42	23°19	T 18
F 19	23 56 35	27°49'48	13°53	22°32	6°48	28°31	23°54	8°17	26°34	20°59	0°37	29°33	0°49	19°48	23°18	F 19
S 20	0 0 32	28°47'40	26°34	23°52	7°58	29°10	24° 6	8°15	26°33	20°59	0°39	29°D32	0°46	19°55	23°17	S 20
S 21	0 4 29	29°45'35	8♏58	25°10	9° 8	29°49	24°18	8°13	26°32	20°59	0°41	29°32	0°43	20° 2	23°17	S 21
M22	0 8 25	0♎43'30	21° 8	26°26	10°17	0♌28	24°30	8°11	26°31	20°59	0°43	29°34	0°40	20° 8	23°16	M22
T 23	0 12 22	1°41'27	3♐ 8	27°41	11°27	1° 6	24°42	8°10	26°30	20°R59	0°45	29°35	0°37	20°15	23°16	T 23
W24	0 16 18	2°39'24	15° 1	28°54	12°37	1°45	24°54	8° 8	26°29	20°59	0°47	29°37	0°34	20°22	23°16	W24
T 25	0 20 15	3°37'23	26°52	0♏ 5	13°47	2°23	25° 6	8° 6	26°28	20°59	0°49	29°38	0°30	20°28	23°16	T 25
F 26	0 24 11	4°35'24	8♑46	1°14	14°56	3° 2	25°18	8° 5	26°27	20°59	0°51	29°R38	0°27	20°35	23°16	F 26
S 27	0 28 8	5°33'25	20°47	2°20	16° 6	3°40	25°30	8° 4	26°25	20°59	0°53	29°37	0°24	20°42	23°D16	S 27
S 28	0 32 4	6°31'28	3♒ 1	3°25	17°15	4°18	25°41	8° 2	26°24	20°58	0°55	29°35	0°21	20°48	23°16	S 28
M29	0 36 1	7°29'32	15°31	4°27	18°24	4°56	25°53	8° 1	26°23	20°58	0°57	29°33	0°18	20°55	23°16	M29
T 30	0 39 58	8♎27'37	28♒20	5♏27	19♏33	5♌34	26♌ 5	8♒ 0	26♉21	20♊58	0♎59	29♈29	0♉14	21♐ 2	23♑16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7n33	23s 8	5s 4	3n29	1n17	5s23	0n46	22n27	0n15	14n58	0n19	17s58	0s10	18n52	0s24	21n24	1s31	11n19	12n20	11n34	11n59	26s22	13s28	7n49
T 2	7 12	19 11	4 49	2 42	1 12	5 53	0 43	22 23	0 16	14 54	0 19	17 59	0 10	18 52	0 24	21 24	1 31	11 19	12 20	11 31	11 58	26 23	13 29	7 48
W 3	6 50	14 15	4 18	1 55	1 6	6 23	0 40	22 19	0 17	14 50	0 20	18 0	0 10	18 52	0 24	21 24	1 31	11 18	12 20	11 28	11 57	26 24	13 29	7 48
T 4	6 28	8 34	3 33	1 8	1 0	6 52	0 37	22 14	0 18	14 46	0 20	18 1	0 10	18 52	0 24	21 24	1 31	11 17	12 20	11 26	11 56	26 25	13 30	7 47
F 5	6 6	2 23	2 35	0 21	0 53	7 21	0 34	22 10	0 19	14 42	0 20	18 2	0 10	18 51	0 24	21 24	1 31	11 16	12 20	11 24	11 55	26 27	13 31	7 47
S 6	5 44	4n 0	1 27	0s25	0 46	7 50	0 31	22 5	0 19	14 38	0 20	18 3	0 10	18 51	0 24	21 24	1 31	11 15	12 20	11 23	11 54	26 28	13 32	7 46
S 7	5 22	10 17	0 14	1 11	0 39	8 19	0 28	22 0	0 20	14 34	0 20	18 4	0 11	18 51	0 24	21 24	1 31	11 14	12 20	11 23	11 53	26 29	13 33	7 45
M 8	5 0	16 8	1n 2	1 56	0 32	8 48	0 25	21 55	0 21	14 30	0 20	18 5	0 11	18 51	0 24	21 24	1 31	11 14	12 20	11 23	11 51	26 30	13 33	7 45
T 9	4 37	21 9	2 14	2 41	0 24	9 17	0 21	21 49	0 22	14 26	0 20	18 6	0 11	18 51	0 24	21 24	1 32	11 13	12 20	11 23	11 50	26 31	13 34	7 44
W10	4 15	24 59	3 19	3 26	0 16	9 46	0 18	21 44	0 23	14 22	0 20	18 6	0 11	18 51	0 24	21 24	1 32	11 12	12 20	11 24	11 49	26 32	13 35	7 44
T 11	3 53	27 16	4 11	4 10	0 8	10 14	0 15	21 38	0 24	14 18	0 20	18 7	0 11	18 51	0 24	21 24	1 32	11 11	12 20	11 24	11 48	26 34	13 36	7 43
F 12	3 30	27 46	4 48	4 53	0 0	10 42	0 11	21 32	0 25	14 14	0 20	18 8	0 11	18 51	0 24	21 24	1 32	11 11	12 20	11 23	11 47	26 35	13 36	7 43
S 13	3 8	26 28	5 8	5 36	0s 8	11 10	0 8	21 26	0 26	14 10	0 21	18 9	0 11	18 51	0 24	21 24	1 32	11 10	12 20	11 22	11 46	26 36	13 37	7 42
S 14	2 45	23 30	5 9	6 18	0 17	11 38	0 5	21 20	0 27	14 6	0 21	18 9	0 11	18 50	0 24	21 24	1 32	11 9	12 20	11 21	11 45	26 37	13 38	7 42
M15	2 22	19 11	4 51	6 59	0 25	12 5	0 1	21 14	0 28	14 2	0 21	18 10	0 11	18 50	0 24	21 24	1 32	11 8	12 20	11 19	11 44	26 38	13 39	7 41
T 16	2 0	13 55	4 17	7 40	0 34	12 32	0s 2	21 8	0 29	13 58	0 21	18 11	0 11	18 50	0 24	21 23	1 32	11 7	12 20	11 17	11 43	26 39	13 39	7 40
W17	1 37	8 3	3 29	8 20	0 43	12 59	0 6	21 1	0 30	13 54	0 21	18 12	0 11	18 50	0 24	21 23	1 32	11 7	12 20	11 15	11 42	26 40	13 40	7 40
T 18	1 14	1 56	2 30	9 0	0 52	13 26	0 10	20 55	0 31	13 50	0 21	18 12	0 11	18 50	0 24	21 23	1 32	11 6	12 20	11 14	11 41	26 42	13 41	7 39
F 19	0 51	4s 8	1 25	9 38	1 1	13 52	0 13	20 48	0 32	13 46	0 21	18 13	0 11	18 49	0 24	21 23	1 32	11 5	12 20	11 13	11 39	26 43	13 41	7 39
S 20	0 29	9 54	0 16	10 16	1 10	14 18	0 17	20 41	0 33	13 42	0 21	18 13	0 11	18 49	0 24	21 23	1 32	11 4	12 20	11 13	11 38	26 44	13 42	7 38
S 21	0 6	15 10	0s52	10 53	1 19	14 44	0 21	20 34	0 34	13 38	0 22	18 14	0 12	18 49	0 24	21 23	1 32	11 4	12 20	11 13	11 37	26 45	13 43	7 38
M22	0s17	19 45	1 56	11 29	1 28	15 10	0 25	20 27	0 35	13 35	0 22	18 14	0 12	18 49	0 24	21 23	1 32	11 3	12 20	11 13	11 36	26 46	13 43	7 37
T 23	0 40	23 26	2 54	12 4	1 37	15 35	0 28	20 19	0 36	13 31	0 22	18 15	0 12	18 48	0 24	21 23	1 32	11 2	12 20	11 14	11 35	26 47	13 44	7 36
W24	1 3	26 6	3 44	12 38	1 46	16 0	0 32	20 12	0 37	13 27	0 22	18 15	0 12	18 48	0 24	21 23	1 32	11 1	12 21	11 14	11 34	26 48	13 45	7 36
T 25	1 26	27 36	4 25	13 12	1 55	16 24	0 36	20 4	0 38	13 23	0 22	18 16	0 12	18 48	0 24	21 23	1 32	11 1	12 21	11 15	11 33	26 49	13 45	7 35
F 26	1 49	27 49	4 54	13 44	2 4	16 49	0 40	19 57	0 39	13 19	0 22	18 16	0 12	18 48	0 24	21 23	1 32	11 0	12 21	11 15	11 32	26 50	13 46	7 35
S 27	2 11	26 45	5 11	14 15	2 13	17 12	0 44	19 49	0 40	13 15	0 22	18 17	0 12	18 47	0 24	21 23	1 32	10 59	12 21	11 14	11 31	26 51	13 46	7 34
S 28	2 34	24 24	5 14	14 46	2 21	17 36	0 48	19 41	0 41	13 12	0 22	18 17	0 12	18 47	0 24	21 23	1 32	10 58	12 21	11 14	11 30	26 52	13 47	7 33
M29	2 57	20 51	5 2	15 15	2 30	17 59	0 52	19 33	0 42	13 8	0 22	18 18	0 12	18 47	0 24	21 23	1 32	10 58	12 21	11 13	11 28	26 53	13 48	7 33
T 30	3s20	16s16	4s36	15s43	2s38	18s22	0s56	19n25	0n43	13n 4	0n23	18s18	0s12	18n46	0s24	21n23	1s33	10n57	12n21	11n12	11n27	26s54	13s48	7n32

Julian Day Number = 3071970.5, Delta T = 02h36m59s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'22, Lahiri = 47°40'23

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

OCTOBER 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 43 54	9♎25'44	11♓29	6♏24	20♏43	6♌11	26♌16	7°R59	26°R20	20°R58	1♎ 1	29°R26	0♉11	21♐ 9	23♑16	W 1
T 2	0 47 51	10°23'52	25° 0	7°18	21°52	6°49	26°28	7♒58	26♉19	20♊57	1° 3	29♈24	0° 8	21°15	23°17	T 2
F 3	0 51 47	11°22'02	8♈50	8° 9	23° 0	7°27	26°39	7°57	26°17	20°57	1° 5	29°22	0° 5	21°22	23°17	F 3
S 4	0 55 44	12°20'13	22°56	8°57	24° 9	8° 4	26°50	7°56	26°16	20°57	1° 7	29°D21	0° 2	21°29	23°18	S 4
S 5	0 59 40	13°18'26	7♉15	9°42	25°18	8°41	27° 1	7°56	26°14	20°56	1° 9	29°21	29♈59	21°35	23°18	S 5
M 6	1 3 37	14°16'40	21°41	10°23	26°27	9°18	27°12	7°55	26°12	20°56	1°11	29°22	29°55	21°42	23°19	M 6
T 7	1 7 33	15°14'57	6♊ 9	11° 0	27°35	9°55	27°23	7°55	26°11	20°56	1°13	29°23	29°52	21°49	23°20	T 7
W 8	1 11 30	16°13'16	20°35	11°33	28°44	10°32	27°34	7°55	26° 9	20°55	1°15	29°24	29°49	21°55	23°21	W 8
T 9	1 15 27	17°11'37	4♋55	12° 2	29°52	11° 9	27°45	7°54	26° 7	20°55	1°17	29°25	29°46	22° 2	23°22	T 9
F 10	1 19 23	18°10'00	19° 6	12°26	1♐ 0	11°46	27°56	7°54	26° 6	20°54	1°19	29°R25	29°43	22° 9	23°23	F 10
S 11	1 23 20	19° 8'24	3♌ 6	12°44	2° 8	12°22	28° 7	7°D54	26° 4	20°53	1°21	29°25	29°40	22°15	23°24	S 11
S 12	1 27 16	20° 6'51	16°53	12°57	3°16	12°59	28°17	7°54	26° 2	20°53	1°23	29°24	29°36	22°22	23°25	S 12
M13	1 31 13	21° 5'20	0♍28	13° 5	4°24	13°35	28°28	7°54	26° 0	20°52	1°25	29°23	29°33	22°29	23°27	M13
T 14	1 35 9	22° 3'51	13°49	13°R 6	5°32	14°11	28°38	7°55	25°58	20°51	1°27	29°22	29°30	22°36	23°28	T 14
W15	1 39 6	23° 2'23	26°56	13° 1	6°40	14°47	28°49	7°55	25°56	20°51	1°29	29°21	29°27	22°42	23°29	W15
T 16	1 43 2	24° 0'58	9♎50	12°49	7°47	15°23	28°59	7°55	25°54	20°50	1°31	29°21	29°24	22°49	23°31	T 16
F 17	1 46 59	24°59'34	22°30	12°30	8°55	15°59	29° 9	7°56	25°52	20°49	1°33	29°20	29°20	22°56	23°33	F 17
S 18	1 50 55	25°58'13	4♏56	12° 3	10° 2	16°35	29°19	7°56	25°50	20°48	1°34	29°D20	29°17	23° 2	23°34	S 18
S 19	1 54 52	26°56'53	17°11	11°30	11° 9	17°10	29°29	7°57	25°48	20°48	1°36	29°21	29°14	23° 9	23°36	S 19
M20	1 58 49	27°55'35	29°16	10°49	12°16	17°46	29°39	7°58	25°46	20°47	1°38	29°21	29°11	23°16	23°38	M20
T 21	2 2 45	28°54'19	11♐12	10° 2	13°23	18°21	29°48	7°59	25°44	20°46	1°40	29°R21	29° 8	23°22	23°40	T 21
W22	2 6 42	29°53'04	23° 4	9° 9	14°30	18°56	29°58	8° 0	25°42	20°45	1°42	29°21	29° 5	23°29	23°42	W22
T 23	2 10 38	0♏51'52	4♑54	8°10	15°36	19°31	0♍ 8	8° 1	25°40	20°44	1°44	29°21	29° 1	23°36	23°44	T 23
F 24	2 14 35	1°50'40	16°47	7° 7	16°43	20° 6	0°17	8° 2	25°38	20°43	1°46	29°21	28°58	23°42	23°46	F 24
S 25	2 18 31	2°49'31	28°47	6° 1	17°49	20°40	0°26	8° 4	25°36	20°42	1°47	29°D20	28°55	23°49	23°49	S 25
S 26	2 22 28	3°48'23	10♒58	4°53	18°55	21°15	0°35	8° 5	25°34	20°41	1°49	29°20	28°52	23°56	23°51	S 26
M27	2 26 24	4°47'17	23°26	3°45	20° 1	21°49	0°44	8° 7	25°31	20°40	1°51	29°21	28°49	24° 3	23°53	M27
T 28	2 30 21	5°46'12	6♓13	2°40	21° 7	22°23	0°53	8° 8	25°29	20°39	1°53	29°21	28°46	24° 9	23°56	T 28
W29	2 34 18	6°45'09	19°24	1°38	22°13	22°57	1° 2	8°10	25°27	20°38	1°55	29°22	28°42	24°16	23°58	W29
T 30	2 38 14	7°44'07	2♈59	0°41	23°18	23°31	1°11	8°12	25°24	20°37	1°56	29°23	28°39	24°23	24° 1	T 30
F 31	2 42 11	8♏43'08	17♈ 0	29♎51	24♐23	24♌ 5	1♍19	8♒14	25♉22	20♊36	1♎58	29♈23	28♈36	24♐29	24♑ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s42	10s48	3s54	16s 9	2s47	18s44	1s 0	19n17	0n45	13n 0	0n23	18s18	0s12	18n46	0s24	21n23	1s33	10n56	12n21	11n11	11n26	26s55	13s49	7n32
T 2	4 5	4 42	2 58	16 35	2 55	19 6	1 4	19 8	0 46	12 57	0 23	18 19	0 12	18 46	0 24	21 23	1 33	10 56	12 21	11 10	11 25	26 56	13 49	7 31
F 3	4 27	1n46	1 51	16 59	3 2	19 27	1 8	19 0	0 47	12 53	0 23	18 19	0 12	18 45	0 24	21 23	1 33	10 55	12 21	11 9	11 24	26 57	13 50	7 30
S 4	4 50	8 18	0 35	17 21	3 10	19 48	1 12	18 51	0 48	12 49	0 23	18 19	0 12	18 45	0 24	21 23	1 33	10 54	12 22	11 9	11 23	26 58	13 50	7 30
S 5	5 12	14 30	0n44	17 42	3 17	20 9	1 16	18 43	0 49	12 46	0 23	18 19	0 12	18 45	0 24	21 22	1 33	10 54	12 22	11 9	11 22	26 59	13 51	7 29
M 6	5 35	19 57	2 0	18 2	3 24	20 29	1 20	18 34	0 50	12 42	0 23	18 19	0 12	18 44	0 24	21 22	1 33	10 53	12 22	11 9	11 21	27 0	13 51	7 28
T 7	5 57	24 15	3 10	18 19	3 30	20 48	1 24	18 25	0 51	12 38	0 24	18 20	0 13	18 44	0 24	21 22	1 33	10 52	12 22	11 9	11 20	27 1	13 52	7 28
W 8	6 19	27 0	4 7	18 35	3 36	21 7	1 28	18 16	0 52	12 35	0 24	18 20	0 13	18 43	0 24	21 22	1 33	10 52	12 22	11 10	11 18	27 2	13 52	7 27
T 9	6 42	27 56	4 48	18 49	3 41	21 26	1 32	18 7	0 53	12 31	0 24	18 20	0 13	18 43	0 24	21 22	1 33	10 51	12 22	11 10	11 17	27 3	13 53	7 27
F 10	7 4	27 1	5 11	19 1	3 46	21 44	1 36	17 58	0 54	12 28	0 24	18 20	0 13	18 43	0 24	21 22	1 33	10 51	12 23	11 10	11 16	27 4	13 53	7 26
S 11	7 26	24 25	5 16	19 10	3 50	22 2	1 40	17 49	0 55	12 24	0 24	18 20	0 13	18 42	0 24	21 22	1 33	10 50	12 23	11 10	11 15	27 5	13 54	7 25
S 12	7 48	20 26	5 2	19 17	3 53	22 19	1 44	17 40	0 56	12 20	0 24	18 20	0 13	18 42	0 24	21 22	1 33	10 49	12 23	11 10	11 14	27 6	13 54	7 25
M13	8 9	15 26	4 31	19 22	3 55	22 36	1 48	17 31	0 57	12 17	0 24	18 20	0 13	18 41	0 24	21 22	1 33	10 49	12 23	11 9	11 13	27 7	13 54	7 24
T 14	8 31	9 48	3 46	19 23	3 56	22 52	1 51	17 22	0 59	12 14	0 25	18 20	0 13	18 41	0 24	21 22	1 33	10 48	12 23	11 9	11 12	27 8	13 55	7 24
W15	8 53	3 49	2 50	19 22	3 56	23 7	1 55	17 12	1 0	12 10	0 25	18 20	0 13	18 41	0 24	21 22	1 33	10 48	12 23	11 9	11 11	27 9	13 55	7 23
T 16	9 14	2s14	1 46	19 17	3 55	23 22	1 59	17 3	1 1	12 7	0 25	18 20	0 13	18 40	0 24	21 22	1 33	10 47	12 24	11 9	11 10	27 10	13 55	7 22
F 17	9 35	8 5	0 38	19 9	3 53	23 37	2 3	16 53	1 2	12 3	0 25	18 20	0 13	18 40	0 24	21 21	1 33	10 46	12 24	11 8	11 8	27 10	13 56	7 22
S 18	9 57	13 32	0s31	18 57	3 49	23 51	2 7	16 44	1 3	12 0	0 25	18 20	0 13	18 39	0 24	21 21	1 33	10 46	12 24	11 8	11 7	27 11	13 56	7 21
S 19	10 18	18 22	1 37	18 41	3 43	24 4	2 11	16 34	1 4	11 57	0 25	18 20	0 13	18 39	0 24	21 21	1 33	10 45	12 24	11 8	11 6	27 12	13 56	7 21
M20	10 39	22 23	2 38	18 22	3 36	24 17	2 14	16 25	1 5	11 53	0 25	18 20	0 13	18 38	0 24	21 21	1 33	10 45	12 24	11 9	11 5	27 13	13 57	7 20
T 21	10 59	25 25	3 32	17 58	3 27	24 29	2 18	16 15	1 7	11 50	0 26	18 19	0 13	18 38	0 24	21 21	1 33	10 44	12 25	11 9	11 4	27 14	13 57	7 19
W22	11 20	27 18	4 16	17 31	3 16	24 41	2 22	16 5	1 8	11 47	0 26	18 19	0 13	18 37	0 24	21 21	1 33	10 44	12 25	11 9	11 3	27 15	13 57	7 19
T 23	11 40	27 57	4 49	17 0	3 3	24 52	2 25	15 55	1 9	11 44	0 26	18 19	0 13	18 37	0 24	21 21	1 34	10 43	12 25	11 9	11 2	27 16	13 57	7 18
F 24	12 0	27 18	5 10	16 25	2 49	25 2	2 29	15 46	1 10	11 41	0 26	18 19	0 14	18 36	0 24	21 21	1 34	10 43	12 25	11 8	11 1	27 17	13 58	7 18
S 25	12 21	25 23	5 17	15 48	2 32	25 12	2 32	15 36	1 11	11 38	0 26	18 18	0 14	18 36	0 24	21 21	1 34	10 42	12 26	11 8	11 0	27 17	13 58	7 17
S 26	12 40	22 18	5 11	15 9	2 15	25 21	2 36	15 26	1 12	11 35	0 26	18 18	0 14	18 35	0 24	21 21	1 34	10 42	12 26	11 8	10 58	27 18	13 58	7 17
M27	13 0	18 9	4 50	14 29	1 56	25 30	2 39	15 16	1 14	11 31	0 26	18 18	0 14	18 35	0 24	21 20	1 34	10 41	12 26	11 9	10 57	27 19	13 58	7 16
T 28	13 20	13 5	4 14	13 48	1 36	25 38	2 43	15 6	1 15	11 29	0 27	18 17	0 14	18 34	0 24	21 20	1 34	10 41	12 26	11 9	10 56	27 20	13 58	7 15
W29	13 39	7 18	3 24	13 7	1 16	25 45	2 46	14 56	1 16	11 26	0 27	18 17	0 14	18 34	0 24	21 20	1 34	10 40	12 27	11 9	10 55	27 21	13 59	7 15
T 30	13 58	0 59	2 21	12 28	0 55	25 52	2 49	14 46	1 17	11 23	0 27	18 17	0 14	18 33	0 24	21 20	1 34	10 40	12 27	11 9	10 54	27 21	13 59	7 14
F 31	14s17	5n34	1s 8	11s52	0s35	25s58	2s52	14n37	1n18	11n20	0n27	18s16	0s14	18n32	0s24	21n20	1s34	10n40	12n27	11n 9	10n53	27s22	13s59	7n14

Julian Day Number = 3072000.5, Delta T = 02h37m00s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'26, Lahiri = 47°40'27

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

NOVEMBER 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 46 7	9♏42'10	1♉23	29°R10	25♐28	24♌38	1♍28	8♒16	25°R20	20°R34	2♎ 0	29°R23	28♈33	24♐36	24♑ 6	S 1
S 2	2 50 4	10°41'14	16° 4	28♎38	26°33	25°12	1°36	8°18	25♉18	20♊33	2° 1	29♈23	28°30	24°43	24° 9	S 2
M 3	2 54 0	11°40'20	0♊56	28°17	27°38	25°45	1°44	8°20	25°15	20°32	2° 3	29°22	28°26	24°49	24°12	M 3
T 4	2 57 57	12°39'29	15°51	28° 6	28°42	26°18	1°52	8°22	25°13	20°31	2° 5	29°21	28°23	24°56	24°15	T 4
W 5	3 1 53	13°38'39	0♋42	28°D 6	29°46	26°51	2° 0	8°25	25°10	20°30	2° 6	29°19	28°20	25° 3	24°18	W 5
T 6	3 5 50	14°37'52	15°20	28°16	0♑50	27°23	2° 8	8°27	25° 8	20°28	2° 8	29°17	28°17	25°10	24°21	T 6
F 7	3 9 47	15°37'07	29°42	28°37	1°54	27°56	2°16	8°30	25° 6	20°27	2°10	29°16	28°14	25°16	24°25	F 7
S 8	3 13 43	16°36'24	13♌44	29° 8	2°57	28°28	2°23	8°33	25° 3	20°26	2°11	29°D15	28°11	25°23	24°28	S 8
S 9	3 17 40	17°35'43	27°25	29°48	4° 1	29° 0	2°31	8°35	25° 1	20°24	2°13	29°16	28° 7	25°30	24°31	S 9
M10	3 21 36	18°35'05	10♍47	0♏37	5° 4	29°32	2°38	8°38	24°58	20°23	2°14	29°16	28° 4	25°36	24°35	M10
T 11	3 25 33	19°34'28	23°50	1°33	6° 6	0♍ 4	2°45	8°41	24°56	20°22	2°16	29°18	28° 1	25°43	24°38	T 11
W12	3 29 29	20°33'54	6♎37	2°36	7° 9	0°35	2°52	8°44	24°54	20°20	2°17	29°19	27°58	25°50	24°42	W12
T 13	3 33 26	21°33'22	19°10	3°46	8°11	1° 7	2°59	8°47	24°51	20°19	2°19	29°21	27°55	25°56	24°45	T 13
F 14	3 37 22	22°32'52	1♏31	5° 0	9°13	1°38	3° 5	8°50	24°49	20°17	2°20	29°R21	27°52	26° 3	24°49	F 14
S 15	3 41 19	23°32'24	13°43	6°20	10°14	2° 9	3°12	8°54	24°46	20°16	2°22	29°20	27°48	26°10	24°53	S 15
S 16	3 45 16	24°31'58	25°47	7°43	11°16	2°39	3°18	8°57	24°44	20°14	2°23	29°18	27°45	26°17	24°56	S 16
M17	3 49 12	25°31'34	7♐45	9°10	12°16	3°10	3°25	9° 1	24°41	20°13	2°24	29°15	27°42	26°23	25° 0	M17
T 18	3 53 9	26°31'12	19°38	10°39	13°17	3°40	3°31	9° 4	24°39	20°11	2°26	29°10	27°39	26°30	25° 4	T 18
W19	3 57 5	27°30'52	1♑29	12°11	14°17	4°10	3°36	9° 8	24°36	20°10	2°27	29° 5	27°36	26°37	25° 8	W19
T 20	4 1 2	28°30'34	13°19	13°45	15°17	4°40	3°42	9°11	24°34	20° 8	2°28	29° 0	27°32	26°43	25°12	T 20
F 21	4 4 58	29°30'17	25°12	15°20	16°17	5°10	3°48	9°15	24°32	20° 7	2°30	28°55	27°29	26°50	25°16	F 21
S 22	4 8 55	0♐30'02	7♒11	16°56	17°16	5°39	3°53	9°19	24°29	20° 5	2°31	28°51	27°26	26°57	25°21	S 22
S 23	4 12 51	1°29'48	19°19	18°33	18°14	6° 8	3°58	9°23	24°27	20° 4	2°32	28°49	27°23	27° 3	25°25	S 23
M24	4 16 48	2°29'37	1♓42	20°11	19°13	6°37	4° 4	9°27	24°24	20° 2	2°33	28°D48	27°20	27°10	25°29	M24
T 25	4 20 45	3°29'26	14°23	21°50	20°11	7° 5	4° 8	9°31	24°22	20° 0	2°35	28°49	27°17	27°17	25°33	T 25
W26	4 24 41	4°29'17	27°27	23°29	21° 8	7°34	4°13	9°36	24°19	19°59	2°36	28°50	27°13	27°24	25°38	W26
T 27	4 28 38	5°29'10	10♈57	25° 8	22° 5	8° 2	4°18	9°40	24°17	19°57	2°37	28°52	27°10	27°30	25°42	T 27
F 28	4 32 34	6°29'04	24°54	26°47	23° 1	8°29	4°22	9°44	24°15	19°56	2°38	28°R53	27° 7	27°37	25°47	F 28
S 29	4 36 31	7°29'00	9♉20	28°26	23°57	8°57	4°26	9°49	24°12	19°54	2°39	28°52	27° 4	27°44	25°51	S 29
S 30	4 40 27	8♐28'58	24♉ 9	0♐ 4	24♑52	9♍24	4♍30	9♒53	24♉10	19♊52	2♎40	28♈50	27♈ 1	27♐50	25♑56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s35	12n 1	0n11	11s19	0s15	26s 4	2s55	14n27	1n20	11n17	0n27	18s16	0s14	18n32	0s24	21n20	1s34	10n39	12n28	11n 9	10n52	27s23	13s59	7n13
S 2	14 54	17 57	1 31	10 50	0n 4	26 9	2 58	14 17	1 21	11 14	0 27	18 15	0 14	18 31	0 24	21 20	1 34	10 39	12 28	11 9	10 51	27 24	13 59	7 13
M 3	15 12	22 52	2 46	10 25	0 22	26 13	3 1	14 7	1 22	11 11	0 28	18 15	0 14	18 31	0 24	21 20	1 34	10 38	12 28	11 9	10 49	27 24	13 59	7 12
T 4	15 30	26 17	3 50	10 6	0 39	26 17	3 4	13 57	1 23	11 9	0 28	18 14	0 14	18 30	0 24	21 20	1 34	10 38	12 28	11 8	10 48	27 25	13 59	7 11
W 5	15 48	27 51	4 38	9 51	0 55	26 20	3 7	13 47	1 25	11 6	0 28	18 13	0 14	18 30	0 24	21 19	1 34	10 38	12 29	11 8	10 47	27 26	13 59	7 11
T 6	16 5	27 26	5 7	9 42	1 8	26 23	3 9	13 37	1 26	11 3	0 28	18 13	0 14	18 29	0 24	21 19	1 34	10 37	12 29	11 7	10 46	27 27	13 59	7 10
F 7	16 22	25 10	5 16	9 38	1 21	26 25	3 12	13 27	1 27	11 1	0 28	18 12	0 14	18 29	0 24	21 19	1 34	10 37	12 29	11 7	10 45	27 27	13 59	7 10
S 8	16 39	21 26	5 6	9 39	1 31	26 26	3 15	13 17	1 28	10 58	0 28	18 12	0 14	18 28	0 24	21 19	1 34	10 37	12 30	11 7	10 44	27 28	13 59	7 9
S 9	16 56	16 37	4 39	9 44	1 40	26 27	3 17	13 7	1 30	10 56	0 29	18 11	0 14	18 27	0 24	21 19	1 34	10 36	12 30	11 7	10 43	27 29	13 59	7 9
M10	17 12	11 7	3 57	9 54	1 48	26 27	3 19	12 57	1 31	10 53	0 29	18 10	0 14	18 27	0 24	21 19	1 34	10 36	12 30	11 7	10 42	27 30	13 59	7 8
T 11	17 28	5 14	3 3	10 8	1 54	26 26	3 21	12 47	1 32	10 51	0 29	18 10	0 14	18 26	0 24	21 19	1 34	10 36	12 31	11 8	10 40	27 30	13 59	7 8
W12	17 44	0s44	2 2	10 25	1 58	26 25	3 23	12 37	1 34	10 49	0 29	18 9	0 15	18 26	0 24	21 19	1 34	10 36	12 31	11 8	10 39	27 31	13 59	7 7
T 13	17 59	6 35	0 56	10 45	2 2	26 23	3 25	12 28	1 35	10 47	0 29	18 8	0 15	18 25	0 24	21 18	1 34	10 35	12 31	11 8	10 38	27 32	13 59	7 7
F 14	18 15	12 5	0s12	11 8	2 4	26 21	3 27	12 18	1 36	10 44	0 29	18 7	0 15	18 25	0 24	21 18	1 34	10 35	12 32	11 9	10 37	27 32	13 58	7 6
S 15	18 29	17 4	1 18	11 33	2 5	26 18	3 29	12 8	1 38	10 42	0 30	18 7	0 15	18 24	0 24	21 18	1 34	10 35	12 32	11 8	10 36	27 33	13 58	7 6
S 16	18 44	21 18	2 20	11 59	2 5	26 15	3 30	11 58	1 39	10 40	0 30	18 6	0 15	18 23	0 24	21 18	1 34	10 35	12 32	11 8	10 35	27 34	13 58	7 5
M17	18 58	24 37	3 15	12 28	2 4	26 11	3 32	11 49	1 40	10 38	0 30	18 5	0 15	18 23	0 24	21 18	1 34	10 34	12 33	11 6	10 34	27 34	13 58	7 5
T 18	19 12	26 50	4 1	12 57	2 2	26 6	3 33	11 39	1 42	10 36	0 30	18 4	0 15	18 22	0 24	21 18	1 34	10 34	12 33	11 5	10 33	27 35	13 58	7 4
W19	19 26	27 50	4 37	13 27	2 0	26 1	3 34	11 30	1 43	10 34	0 30	18 3	0 15	18 22	0 24	21 18	1 34	10 34	12 34	11 3	10 31	27 36	13 57	7 4
T 20	19 39	27 33	5 1	13 58	1 56	25 55	3 35	11 20	1 44	10 32	0 31	18 2	0 15	18 21	0 24	21 18	1 34	10 34	12 34	11 1	10 30	27 36	13 57	7 3
F 21	19 52	26 0	5 11	14 29	1 53	25 49	3 36	11 11	1 46	10 30	0 31	18 1	0 15	18 21	0 24	21 17	1 34	10 34	12 34	10 59	10 29	27 37	13 57	7 3
S 22	20 4	23 17	5 9	15 0	1 48	25 42	3 37	11 1	1 47	10 29	0 31	18 0	0 15	18 20	0 24	21 17	1 34	10 34	12 35	10 58	10 28	27 37	13 57	7 3
S 23	20 16	19 31	4 52	15 32	1 44	25 35	3 37	10 52	1 49	10 27	0 31	17 59	0 15	18 19	0 24	21 17	1 34	10 33	12 35	10 57	10 27	27 38	13 56	7 2
M24	20 28	14 52	4 22	16 3	1 39	25 27	3 38	10 43	1 50	10 25	0 31	17 58	0 15	18 19	0 24	21 17	1 34	10 33	12 36	10 57	10 26	27 39	13 56	7 2
T 25	20 40	9 28	3 39	16 34	1 33	25 19	3 38	10 33	1 51	10 24	0 32	17 57	0 15	18 18	0 24	21 17	1 34	10 33	12 36	10 57	10 25	27 39	13 56	7 1
W26	20 51	3 30	2 43	17 4	1 27	25 10	3 38	10 24	1 53	10 22	0 32	17 56	0 15	18 18	0 24	21 17	1 34	10 33	12 36	10 58	10 24	27 40	13 55	7 1
T 27	21 1	2n49	1 36	17 33	1 21	25 1	3 38	10 15	1 54	10 21	0 32	17 55	0 15	18 17	0 24	21 17	1 34	10 33	12 37	10 58	10 22	27 40	13 55	7 0
F 28	21 12	9 13	0 22	18 2	1 15	24 52	3 38	10 6	1 56	10 19	0 32	17 54	0 15	18 17	0 24	21 17	1 34	10 33	12 37	10 59	10 21	27 41	13 55	7 0
S 29	21 22	15 22	0n57	18 31	1 9	24 41	3 37	9 57	1 57	10 18	0 32	17 53	0 15	18 16	0 24	21 16	1 34	10 33	12 38	10 59	10 20	27 41	13 54	7 0
S 30	21s31	20n47	2n13	18s58	1n 2	24s31	3s37	9n49	1n59	10n17	0n33	17s52	0s15	18n15	0s24	21n16	1s34	10n33	12n38	10n58	10n19	27s42	13s54	6n59

Julian Day Number = 3072031.5, Delta T = 02h37m01s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'31, Lahiri = 47°40'31

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ASTRODIENST EPHEMERIS for the year 3698
geocentric

DECEMBER 3698 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 44 24	9♐28'57	9♊17	1♐43	25♉47	9♍51	4♍34	9♒58	24°R 8	19°R51	2♎41	28°R46	26♈58	27♐57	26♉ 0	M 1
T 2	4 48 20	10°28'58	24°32	3°22	26°41	10°18	4°38	10° 2	24♉ 5	19♊49	2°42	28♈40	26°54	28° 4	26° 5	T 2
W 3	4 52 17	11°29'01	9♋45	5° 0	27°35	10°44	4°41	10° 7	24° 3	19°47	2°43	28°34	26°51	28°11	26°10	W 3
T 4	4 56 14	12°29'06	24°45	6°38	28°28	11°11	4°45	10°12	24° 1	19°46	2°44	28°27	26°48	28°17	26°15	T 4
F 5	5 0 10	13°29'13	9♌24	8°16	29°20	11°36	4°48	10°17	23°58	19°44	2°45	28°22	26°45	28°24	26°19	F 5
S 6	5 4 7	14°29'22	23°38	9°53	0♒11	12° 2	4°51	10°22	23°56	19°42	2°46	28°18	26°42	28°31	26°24	S 6
S 7	5 8 3	15°29'33	7♍24	11°30	1° 2	12°27	4°54	10°27	23°54	19°41	2°47	28°16	26°38	28°37	26°29	S 7
M 8	5 12 0	16°29'45	20°44	13° 7	1°52	12°52	4°56	10°32	23°52	19°39	2°48	28°D16	26°35	28°44	26°34	M 8
T 9	5 15 56	17°30'00	3♎40	14°44	2°42	13°17	4°59	10°37	23°50	19°37	2°48	28°16	26°32	28°51	26°39	T 9
W10	5 19 53	18°30'16	16°16	16°20	3°30	13°41	5° 1	10°42	23°47	19°36	2°49	28°18	26°29	28°57	26°44	W10
T 11	5 23 50	19°30'34	28°36	17°56	4°18	14° 5	5° 3	10°47	23°45	19°34	2°50	28°R18	26°26	29° 4	26°49	T 11
F 12	5 27 46	20°30'55	10♏45	19°32	5° 5	14°28	5° 5	10°53	23°43	19°32	2°51	28°17	26°23	29°11	26°54	F 12
S 13	5 31 43	21°31'17	22°46	21° 7	5°51	14°51	5° 6	10°58	23°41	19°30	2°51	28°14	26°19	29°18	27° 0	S 13
S 14	5 35 39	22°31'40	4♐41	22°42	6°36	15°14	5° 8	11° 4	23°39	19°29	2°52	28° 8	26°16	29°24	27° 5	S 14
M15	5 39 36	23°32'06	16°33	24°17	7°20	15°37	5° 9	11° 9	23°37	19°27	2°53	28° 0	26°13	29°31	27°10	M15
T 16	5 43 32	24°32'32	28°24	25°52	8° 3	15°59	5°10	11°15	23°35	19°25	2°53	27°50	26°10	29°38	27°15	T 16
W17	5 47 29	25°33'01	10♑15	27°27	8°46	16°20	5°11	11°20	23°33	19°24	2°54	27°38	26° 7	29°44	27°21	W17
T 18	5 51 25	26°33'31	22° 8	29° 1	9°27	16°42	5°12	11°26	23°31	19°22	2°54	27°26	26° 4	29°51	27°26	T 18
F 19	5 55 22	27°34'02	4♒ 5	0♑35	10° 6	17° 2	5°12	11°32	23°29	19°20	2°55	27°15	26° 0	29°58	27°31	F 19
S 20	5 59 19	28°34'34	16° 7	2° 9	10°45	17°23	5°12	11°38	23°27	19°19	2°55	27° 6	25°57	0♑ 5	27°37	S 20
S 21	6 3 15	29°35'07	28°17	3°43	11°22	17°43	5°R12	11°43	23°25	19°17	2°56	26°58	25°54	0°11	27°42	S 21
M22	6 7 12	0♑35'42	10♓38	5°17	11°58	18° 2	5°12	11°49	23°24	19°15	2°56	26°54	25°51	0°18	27°48	M22
T 23	6 11 8	1°36'17	23°15	6°50	12°33	18°21	5°12	11°55	23°22	19°14	2°56	26°52	25°48	0°25	27°53	T 23
W24	6 15 5	2°36'54	6♈11	8°24	13° 6	18°40	5°11	12° 1	23°20	19°12	2°57	26°D52	25°44	0°31	27°59	W24
T 25	6 19 1	3°37'32	19°30	9°57	13°38	18°58	5°11	12° 7	23°18	19°10	2°57	26°R52	25°41	0°38	28° 4	T 25
F 26	6 22 58	4°38'10	3♉16	11°30	14° 8	19°16	5°10	12°13	23°17	19° 9	2°57	26°52	25°38	0°45	28°10	F 26
S 27	6 26 54	5°38'50	17°31	13° 3	14°37	19°33	5° 9	12°20	23°15	19° 7	2°58	26°50	25°35	0°52	28°15	S 27
S 28	6 30 51	6°39'30	2♊12	14°37	15° 4	19°50	5° 7	12°26	23°13	19° 6	2°58	26°46	25°32	0°58	28°21	S 28
M29	6 34 48	7°40'12	17°16	16°10	15°29	20° 6	5° 6	12°32	23°12	19° 4	2°58	26°39	25°29	1° 5	28°27	M29
T 30	6 38 44	8°40'55	2♋33	17°43	15°53	20°22	5° 4	12°38	23°10	19° 2	2°58	26°30	25°25	1°12	28°32	T 30
W31	6 42 41	9♑41'39	17♋55	19♑16	16♒15	20♍37	5♍ 2	12♒45	23♉ 9	19♊ 1	2♎58	26♈19	25♈22	1♑18	28♑38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21 s40	24n58	3n21	19 s25	0n55	24 s20	3 s36	9n40	2n 0	10n15	0n33	17 s50	0 s16	18n15	0 s24	21n16	1 s34	10n33	12n38	10n56	10n18	27 s43	13 s53	6n59
T 2	21 49	27 22	4 16	19 51	0 49	24 9	3 35	9 31	2 2	10 14	0 33	17 49	0 16	18 14	0 24	21 16	1 34	10 33	12 39	10 54	10 17	27 43	13 53	6 58
W 3	21 57	27 44	4 52	20 15	0 42	23 57	3 34	9 23	2 3	10 13	0 33	17 48	0 16	18 14	0 24	21 16	1 34	10 33	12 39	10 52	10 16	27 44	13 52	6 58
T 4	22 5	26 2	5 8	20 39	0 35	23 45	3 32	9 14	2 5	10 12	0 33	17 47	0 16	18 13	0 24	21 16	1 34	10 33	12 40	10 50	10 14	27 44	13 52	6 58
F 5	22 13	22 36	5 3	21 2	0 28	23 32	3 31	9 6	2 7	10 11	0 34	17 46	0 16	18 13	0 24	21 16	1 34	10 33	12 40	10 48	10 13	27 45	13 51	6 57
S 6	22 20	17 55	4 39	21 23	0 21	23 20	3 29	8 58	2 8	10 10	0 34	17 44	0 16	18 12	0 24	21 15	1 34	10 33	12 40	10 46	10 12	27 45	13 51	6 57
S 7	22 26	12 26	4 0	21 44	0 14	23 6	3 27	8 50	2 10	10 9	0 34	17 43	0 16	18 12	0 24	21 15	1 34	10 33	12 41	10 46	10 11	27 46	13 50	6 57
M 8	22 33	6 32	3 8	22 3	0 7	22 53	3 24	8 42	2 11	10 9	0 34	17 42	0 16	18 11	0 24	21 15	1 34	10 33	12 41	10 46	10 10	27 46	13 50	6 56
T 9	22 39	0 32	2 9	22 22	0 s 0	22 39	3 22	8 34	2 13	10 8	0 34	17 40	0 16	18 11	0 24	21 15	1 34	10 33	12 42	10 46	10 9	27 47	13 49	6 56
W10	22 44	5 s21	1 4	22 39	0 7	22 25	3 19	8 26	2 14	10 7	0 35	17 39	0 16	18 10	0 24	21 15	1 34	10 33	12 42	10 46	10 8	27 47	13 49	6 56
T 11	22 49	10 54	0 s 2	22 55	0 14	22 11	3 16	8 18	2 16	10 7	0 35	17 38	0 16	18 10	0 24	21 15	1 34	10 33	12 43	10 47	10 6	27 48	13 48	6 55
F 12	22 53	15 58	1 6	23 9	0 21	21 56	3 13	8 11	2 18	10 6	0 35	17 36	0 16	18 9	0 24	21 15	1 34	10 33	12 43	10 46	10 5	27 48	13 47	6 55
S 13	22 57	20 21	2 7	23 23	0 27	21 41	3 9	8 4	2 19	10 6	0 35	17 35	0 16	18 9	0 24	21 15	1 34	10 34	12 43	10 45	10 4	27 48	13 47	6 55
S 14	23 1	23 52	3 2	23 35	0 34	21 26	3 5	7 56	2 21	10 6	0 35	17 33	0 16	18 8	0 24	21 14	1 34	10 34	12 44	10 43	10 3	27 49	13 46	6 54
M15	23 4	26 20	3 49	23 46	0 40	21 11	3 1	7 49	2 23	10 5	0 36	17 32	0 16	18 8	0 24	21 14	1 34	10 34	12 44	10 40	10 2	27 49	13 45	6 54
T 16	23 7	27 38	4 25	23 56	0 47	20 56	2 57	7 42	2 25	10 5	0 36	17 30	0 16	18 7	0 24	21 14	1 34	10 34	12 45	10 36	10 1	27 50	13 45	6 54
W17	23 9	27 39	4 50	24 5	0 53	20 40	2 52	7 36	2 26	10 5	0 36	17 29	0 16	18 7	0 24	21 14	1 34	10 34	12 45	10 32	10 0	27 50	13 44	6 54
T 18	23 11	26 23	5 2	24 12	0 59	20 25	2 47	7 29	2 28	10 5	0 36	17 28	0 16	18 6	0 24	21 14	1 34	10 35	12 46	10 28	9 58	27 51	13 43	6 53
F 19	23 12	23 56	5 1	24 18	1 5	20 9	2 42	7 23	2 30	10 5	0 36	17 26	0 16	18 6	0 24	21 14	1 34	10 35	12 46	10 24	9 57	27 51	13 43	6 53
S 20	23 13	20 26	4 47	24 23	1 11	19 53	2 36	7 16	2 32	10 5	0 37	17 24	0 17	18 5	0 24	21 14	1 34	10 35	12 47	10 21	9 56	27 51	13 42	6 53
S 21	23 13	16 2	4 20	24 27	1 16	19 37	2 30	7 10	2 33	10 5	0 37	17 23	0 17	18 5	0 24	21 14	1 34	10 35	12 47	10 18	9 55	27 52	13 41	6 53
M22	23 13	10 55	3 40	24 29	1 22	19 21	2 24	7 4	2 35	10 6	0 37	17 21	0 17	18 4	0 24	21 14	1 34	10 35	12 48	10 17	9 54	27 52	13 40	6 52
T 23	23 13	5 15	2 49	24 30	1 27	19 5	2 17	6 59	2 37	10 6	0 37	17 20	0 17	18 4	0 24	21 13	1 34	10 36	12 48	10 16	9 53	27 52	13 39	6 52
W24	23 12	0n47	1 48	24 30	1 32	18 49	2 10	6 53	2 39	10 6	0 38	17 18	0 17	18 4	0 24	21 13	1 34	10 36	12 48	10 16	9 52	27 53	13 39	6 52
T 25	23 10	6 58	0 39	24 28	1 37	18 33	2 3	6 48	2 41	10 7	0 38	17 16	0 17	18 3	0 23	21 13	1 34	10 36	12 49	10 16	9 50	27 53	13 38	6 52
F 26	23 9	13 2	0n34	24 25	1 42	18 16	1 55	6 42	2 43	10 7	0 38	17 15	0 17	18 3	0 23	21 13	1 34	10 37	12 49	10 16	9 49	27 53	13 37	6 52
S 27	23 6	18 37	1 47	24 21	1 46	18 0	1 47	6 37	2 44	10 8	0 38	17 13	0 17	18 2	0 23	21 13	1 34	10 37	12 50	10 15	9 48	27 54	13 36	6 51
S 28	23 3	23 17	2 56	24 15	1 50	17 44	1 39	6 33	2 46	10 9	0 38	17 12	0 17	18 2	0 23	21 13	1 34	10 37	12 50	10 14	9 47	27 54	13 35	6 51
M29	23 0	26 30	3 54	24 9	1 54	17 29	1 30	6 28	2 48	10 9	0 39	17 10	0 17	18 2	0 23	21 13	1 34	10 38	12 51	10 11	9 46	27 54	13 34	6 51
T 30	22 56	27 47	4 36	24 1	1 58	17 13	1 21	6 24	2 50	10 10	0 39	17 8	0 17	18 1	0 23	21 13	1 34	10 38	12 51	10 8	9 45	27 55	13 33	6 51
W31	22 s52	26n57	4n58	23 s51	2 s 1	16 s57	1 s11	6n19	2n52	10n11	0n39	17 s 6	0 s17	18n 1	0 s23	21n13	1 s34	10n38	12n52	10n 4	9n44	27 s55	13 s32	6n51

Julian Day Number = 3072061.5, Delta T = 02h37m02s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'35, Lahiri = 47°40'35

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

JANUARY 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 46 37	10♉42'24	3♌ 8	20♉48	16♒34	20♍52	5°R 0	12♒51	23°R 8	18°R59	2♎58	26°R 8	25♈19	1♉25	28♉44	T 1
F 2	6 50 34	11°43'10	18° 1	22°21	16°52	21° 6	4♍58	12°58	23♉ 6	18♊58	2°58	25♈59	25°16	1°32	28°50	F 2
S 3	6 54 30	12°43'57	2♍28	23°54	17° 8	21°20	4°55	13° 4	23° 5	18°56	2°R58	25°51	25°13	1°39	28°55	S 3
S 4	6 58 27	13°44'45	16°25	25°27	17°21	21°33	4°53	13°10	23° 4	18°55	2°58	25°46	25°10	1°45	29° 1	S 4
M 5	7 2 24	14°45'35	29°52	26°59	17°33	21°46	4°50	13°17	23° 2	18°53	2°58	25°43	25° 6	1°52	29° 7	M 5
T 6	7 6 20	15°46'26	12♎51	28°31	17°42	21°58	4°47	13°24	23° 1	18°52	2°58	25°D42	25° 3	1°59	29°13	T 6
W 7	7 10 17	16°47'18	25°27	0♒ 4	17°49	22° 9	4°43	13°30	23° 0	18°50	2°58	25°R42	25° 0	2° 5	29°19	W 7
T 8	7 14 13	17°48'11	7♏44	1°36	17°54	22°20	4°40	13°37	22°59	18°49	2°58	25°42	24°57	2°12	29°24	T 8
F 9	7 18 10	18°49'05	19°47	3° 7	17°R56	22°30	4°36	13°44	22°58	18°47	2°58	25°40	24°54	2°19	29°30	F 9
S 10	7 22 6	19°50'01	1♐43	4°38	17°56	22°39	4°32	13°50	22°57	18°46	2°58	25°35	24°50	2°25	29°36	S 10
S 11	7 26 3	20°50'57	13°33	6° 9	17°53	22°48	4°28	13°57	22°56	18°45	2°57	25°28	24°47	2°32	29°42	S 11
M12	7 29 59	21°51'55	25°23	7°40	17°48	22°56	4°24	14° 4	22°55	18°43	2°57	25°17	24°44	2°39	29°48	M12
T 13	7 33 56	22°52'53	7♑14	9° 9	17°41	23° 4	4°20	14°11	22°54	18°42	2°57	25° 4	24°41	2°46	29°54	T 13
W14	7 37 53	23°53'52	19° 9	10°38	17°31	23°11	4°15	14°17	22°53	18°41	2°57	24°49	24°38	2°52	29°59	W14
T 15	7 41 49	24°54'51	1♒ 7	12° 6	17°18	23°17	4°11	14°24	22°52	18°39	2°56	24°34	24°35	2°59	0♒ 5	T 15
F 16	7 45 46	25°55'52	13°12	13°32	17° 3	23°22	4° 6	14°31	22°51	18°38	2°56	24°19	24°31	3° 6	0°11	F 16
S 17	7 49 42	26°56'52	25°23	14°57	16°46	23°27	4° 1	14°38	22°51	18°37	2°55	24° 7	24°28	3°12	0°17	S 17
S 18	7 53 39	27°57'53	7♓42	16°20	16°26	23°31	3°55	14°45	22°50	18°36	2°55	23°57	24°25	3°19	0°23	S 18
M19	7 57 35	28°58'54	20°11	17°42	16° 4	23°34	3°50	14°52	22°49	18°34	2°55	23°50	24°22	3°26	0°29	M19
T 20	8 1 32	29°59'56	2♈52	19° 1	15°40	23°36	3°45	14°59	22°49	18°33	2°54	23°47	24°19	3°33	0°35	T 20
W21	8 5 29	1♒ 0'58	15°48	20°16	15°14	23°38	3°39	15° 6	22°48	18°32	2°54	23°45	24°16	3°39	0°41	W21
T 22	8 9 25	2° 1'59	29° 2	21°29	14°46	23°39	3°33	15°13	22°48	18°31	2°53	23°45	24°12	3°46	0°47	T 22
F 23	8 13 22	3° 3'01	12♉38	22°38	14°16	23°R39	3°27	15°20	22°48	18°30	2°52	23°45	24° 9	3°53	0°53	F 23
S 24	8 17 18	4° 4'03	26°38	23°42	13°44	23°39	3°21	15°27	22°47	18°29	2°52	23°43	24° 6	3°59	0°58	S 24
S 25	8 21 15	5° 5'05	11♊ 2	24°41	13°11	23°37	3°15	15°34	22°47	18°28	2°51	23°39	24° 3	4° 6	1° 4	S 25
M26	8 25 11	6° 6'07	25°47	25°34	12°37	23°35	3° 8	15°41	22°47	18°27	2°50	23°33	24° 0	4°13	1°10	M26
T 27	8 29 8	7° 7'10	10♋48	26°19	12° 1	23°32	3° 2	15°48	22°47	18°26	2°50	23°24	23°56	4°20	1°16	T 27
W28	8 33 4	8° 8'12	25°57	26°58	11°25	23°28	2°55	15°55	22°46	18°25	2°49	23°13	23°53	4°26	1°22	W28
T 29	8 37 1	9° 9'14	11♌ 3	27°27	10°49	23°24	2°49	16° 2	22°46	18°24	2°48	23° 1	23°50	4°33	1°28	T 29
F 30	8 40 58	10°10'16	25°57	27°47	10°12	23°18	2°42	16° 9	22°D46	18°23	2°47	22°51	23°47	4°40	1°34	F 30
S 31	8 44 54	11♒11'18	10♍28	27°R56	9♒35	23♍12	2♍35	16♒17	22♉46	18♊22	2♎47	22♈42	23♈44	4♉47	1♒39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s48	24n 8	4n59	23s41	2s 4	16s42	1s 1	6n15	2n54	10n12	0n39	17s 5	0s17	18n 1	0s23	21n12	1s34	10n39	12n52	10n 0	9n42	27s55	13s31	6n51
F 2	22 43	19 43	4 39	23 29	2 7	16 27	0 51	6 12	2 56	10 13	0 39	17 3	0 17	18 0	0 23	21 12	1 34	10 39	12 53	9 57	9 41	27 56	13 30	6 50
S 3	22 37	14 16	4 2	23 16	2 10	16 12	0 40	6 8	2 58	10 14	0 40	17 1	0 17	18 0	0 23	21 12	1 34	10 40	12 53	9 54	9 40	27 56	13 29	6 50
S 4	22 31	8 16	3 12	23 1	2 12	15 57	0 29	6 5	3 0	10 15	0 40	16 59	0 17	18 0	0 23	21 12	1 34	10 40	12 53	9 52	9 39	27 56	13 28	6 50
M 5	22 25	2 5	2 12	22 45	2 14	15 42	0 17	6 2	3 2	10 17	0 40	16 58	0 17	17 59	0 23	21 12	1 34	10 40	12 54	9 51	9 38	27 56	13 27	6 50
T 6	22 18	4s 0	1 7	22 28	2 15	15 28	0 5	5 59	3 4	10 18	0 40	16 56	0 17	17 59	0 23	21 12	1 34	10 41	12 54	9 51	9 37	27 57	13 26	6 50
W 7	22 11	9 44	0 1	22 10	2 16	15 14	0n 7	5 56	3 6	10 19	0 41	16 54	0 18	17 59	0 23	21 12	1 34	10 41	12 55	9 51	9 36	27 57	13 25	6 50
T 8	22 3	14 58	1s 3	21 51	2 17	15 1	0 20	5 54	3 8	10 21	0 41	16 52	0 18	17 59	0 23	21 12	1 34	10 42	12 55	9 51	9 34	27 57	13 24	6 50
F 9	21 55	19 31	2 4	21 30	2 17	14 47	0 33	5 52	3 10	10 22	0 41	16 50	0 18	17 58	0 23	21 12	1 34	10 42	12 56	9 50	9 33	27 57	13 23	6 50
S 10	21 46	23 13	2 58	21 8	2 16	14 35	0 47	5 50	3 12	10 24	0 41	16 48	0 18	17 58	0 23	21 12	1 34	10 43	12 56	9 48	9 32	27 58	13 22	6 50
S 11	21 37	25 55	3 44	20 45	2 16	14 22	1 1	5 49	3 14	10 26	0 41	16 47	0 18	17 58	0 23	21 12	1 34	10 43	12 57	9 46	9 31	27 58	13 21	6 49
M12	21 28	27 28	4 20	20 21	2 14	14 10	1 15	5 47	3 16	10 27	0 42	16 45	0 18	17 58	0 23	21 11	1 34	10 44	12 57	9 42	9 30	27 58	13 20	6 49
T 13	21 18	27 46	4 45	19 56	2 12	13 58	1 29	5 46	3 18	10 29	0 42	16 43	0 18	17 57	0 23	21 11	1 34	10 44	12 58	9 37	9 29	27 58	13 19	6 49
W14	21 8	26 47	4 57	19 30	2 10	13 47	1 44	5 46	3 21	10 31	0 42	16 41	0 18	17 57	0 23	21 11	1 34	10 45	12 58	9 32	9 27	27 58	13 18	6 49
T 15	20 57	24 33	4 57	19 3	2 7	13 37	1 59	5 45	3 23	10 33	0 42	16 39	0 18	17 57	0 23	21 11	1 34	10 45	12 58	9 26	9 26	27 58	13 16	6 49
F 16	20 46	21 14	4 43	18 34	2 3	13 27	2 15	5 45	3 25	10 35	0 42	16 37	0 18	17 57	0 23	21 11	1 34	10 46	12 59	9 21	9 25	27 59	13 15	6 49
S 17	20 35	16 58	4 16	18 6	1 58	13 17	2 30	5 45	3 27	10 37	0 43	16 35	0 18	17 57	0 23	21 11	1 34	10 46	12 59	9 16	9 24	27 59	13 14	6 49
S 18	20 23	11 58	3 37	17 36	1 53	13 8	2 46	5 45	3 29	10 39	0 43	16 33	0 18	17 57	0 23	21 11	1 34	10 47	13 0	9 13	9 23	27 59	13 13	6 49
M19	20 11	6 25	2 47	17 6	1 47	12 59	3 1	5 46	3 31	10 41	0 43	16 31	0 18	17 57	0 23	21 11	1 34	10 48	13 0	9 10	9 22	27 59	13 12	6 49
T 20	19 58	0 31	1 48	16 35	1 40	12 51	3 17	5 47	3 33	10 43	0 43	16 29	0 18	17 56	0 23	21 11	1 34	10 48	13 1	9 9	9 21	27 59	13 11	6 49
W21	19 45	5n31	0 42	16 4	1 33	12 44	3 33	5 48	3 35	10 45	0 43	16 27	0 18	17 56	0 23	21 11	1 33	10 49	13 1	9 8	9 19	27 59	13 9	6 49
T 22	19 32	11 28	0n28	15 33	1 24	12 37	3 48	5 50	3 38	10 48	0 44	16 25	0 18	17 56	0 23	21 11	1 33	10 49	13 1	9 8	9 18	27 59	13 8	6 49
F 23	19 18	17 3	1 38	15 1	1 15	12 31	4 4	5 52	3 40	10 50	0 44	16 23	0 19	17 56	0 23	21 11	1 33	10 50	13 2	9 8	9 17	28 0	13 7	6 49
S 24	19 4	21 53	2 44	14 31	1 4	12 25	4 19	5 54	3 42	10 52	0 44	16 21	0 19	17 56	0 23	21 11	1 33	10 51	13 2	9 8	9 16	28 0	13 6	6 49
S 25	18 49	25 34	3 42	14 0	0 53	12 20	4 34	5 57	3 44	10 55	0 44	16 19	0 19	17 56	0 23	21 11	1 33	10 51	13 3	9 6	9 15	28 0	13 4	6 49
M26	18 35	27 36	4 27	13 31	0 40	12 15	4 48	5 59	3 46	10 57	0 44	16 17	0 19	17 56	0 23	21 11	1 33	10 52	13 3	9 4	9 14	28 0	13 3	6 49
T 27	18 20	27 40	4 54	13 2	0 26	12 11	5 2	6 2	3 48	11 0	0 44	16 15	0 19	17 56	0 23	21 11	1 33	10 53	13 3	9 0	9 12	28 0	13 2	6 50
W28	18 4	25 41	5 0	12 36	0 12	12 8	5 16	6 6	3 50	11 2	0 45	16 13	0 19	17 56	0 23	21 11	1 33	10 53	13 4	8 56	9 11	28 0	13 0	6 50
T 29	17 48	21 53	4 46	12 11	0n 4	12 5	5 29	6 9	3 52	11 5	0 45	16 11	0 19	17 56	0 23	21 11	1 33	10 54	13 4	8 52	9 10	28 0	12 59	6 50
F 30	17 32	16 43	4 13	11 49	0 21	12 2	5 41	6 13	3 54	11 7	0 45	16 9	0 19	17 56	0 23	21 10	1 33	10 54	13 5	8 48	9 9	28 0	12 58	6 50
S 31	17s16	10n43	3n23	11s29	0n38	12s 0	5n53	6n18	3n56	11n10	0n45	16s 7	0s19	17n56	0s23	21n10	1s33	10n55	13n 5	8n45	9n 8	28s 0	12s57	6n50

Julian Day Number = 3072092.5, Delta T = 02h37m03s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'39, Lahiri = 47°40'39

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

FEBRUARY 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 48 51	12♒12'21	24♍32	27°R55	8°R58	23°R 5	2°R28	16♒24	22♉46	18°R21	2°R46	22°R37	23♈41	4♑53	1♒45	S 1
M 2	8 52 47	13°13'23	8♎ 6	27♒41	8♒23	22♍57	2♍20	16°31	22°46	18♊20	2♎45	22♈34	23°37	5° 0	1°51	M 2
T 3	8 56 44	14°14'26	21°13	27°16	7°47	22°49	2°13	16°38	22°47	18°19	2°44	22°D33	23°34	5° 7	1°57	T 3
W 4	9 0 40	15°15'29	3♏54	26°39	7°13	22°39	2° 6	16°45	22°47	18°19	2°43	22°33	23°31	5°13	2° 3	W 4
T 5	9 4 37	16°16'33	16°15	25°51	6°40	22°29	1°58	16°52	22°47	18°18	2°42	22°R33	23°28	5°20	2° 8	T 5
F 6	9 8 33	17°17'36	28°20	24°53	6° 9	22°18	1°51	16°59	22°47	18°17	2°41	22°33	23°25	5°27	2°14	F 6
S 7	9 12 30	18°18'40	10♐15	23°46	5°39	22° 6	1°43	17° 6	22°48	18°17	2°40	22°30	23°22	5°34	2°20	S 7
S 8	9 16 27	19°19'44	22° 6	22°33	5°11	21°53	1°35	17°14	22°48	18°16	2°39	22°25	23°18	5°40	2°26	S 8
M 9	9 20 23	20°20'47	3♑56	21°16	4°45	21°40	1°28	17°21	22°49	18°15	2°38	22°17	23°15	5°47	2°31	M 9
T 10	9 24 20	21°21'51	15°49	19°56	4°21	21°25	1°20	17°28	22°49	18°15	2°37	22° 7	23°12	5°54	2°37	T 10
W11	9 28 16	22°22'54	27°48	18°38	4° 0	21°10	1°12	17°35	22°50	18°14	2°36	21°56	23° 9	6° 0	2°43	W11
T 12	9 32 13	23°23'57	9♒54	17°22	3°40	20°55	1° 4	17°42	22°51	18°14	2°35	21°44	23° 6	6° 7	2°48	T 12
F 13	9 36 9	24°25'00	22° 9	16°12	3°23	20°38	0°56	17°49	22°51	18°13	2°34	21°32	23° 2	6°14	2°54	F 13
S 14	9 40 6	25°26'02	4♓34	15° 8	3° 9	20°21	0°48	17°56	22°52	18°13	2°33	21°22	22°59	6°21	2°59	S 14
S 15	9 44 2	26°27'04	17° 9	14°13	2°56	20° 3	0°40	18° 3	22°53	18°12	2°31	21°15	22°56	6°27	3° 5	S 15
M16	9 47 59	27°28'05	29°55	13°26	2°47	19°44	0°32	18°11	22°54	18°12	2°30	21°10	22°53	6°34	3°10	M16
T 17	9 51 56	28°29'06	12♈51	12°48	2°39	19°25	0°24	18°18	22°55	18°12	2°29	21° 8	22°50	6°41	3°16	T 17
W18	9 55 52	29°30'05	26° 0	12°20	2°35	19° 6	0°16	18°25	22°56	18°11	2°28	21°D 7	22°47	6°47	3°21	W18
T 19	9 59 49	0♓31'04	9♉22	12° 1	2°D32	18°45	0° 8	18°32	22°57	18°11	2°27	21° 8	22°43	6°54	3°27	T 19
F 20	10 3 45	1°32'02	22°59	11°50	2°32	18°24	0° 0	18°39	22°58	18°11	2°25	21° 9	22°40	7° 1	3°32	F 20
S 21	10 7 42	2°32'59	6♊52	11°D48	2°35	18° 3	29♌52	18°46	22°59	18°11	2°24	21°R10	22°37	7° 8	3°37	S 21
S 22	10 11 38	3°33'55	21° 1	11°54	2°40	17°41	29°44	18°53	23° 0	18°10	2°23	21° 8	22°34	7°14	3°43	S 22
M23	10 15 35	4°34'50	5♋26	12° 7	2°47	17°19	29°36	19° 0	23° 1	18°10	2°21	21° 5	22°31	7°21	3°48	M23
T 24	10 19 31	5°35'44	20° 2	12°27	2°56	16°57	29°28	19° 7	23° 2	18°10	2°20	20°59	22°28	7°28	3°53	T 24
W25	10 23 28	6°36'37	4♌45	12°53	3° 8	16°34	29°20	19°14	23° 4	18°10	2°19	20°53	22°24	7°34	3°58	W25
T 26	10 27 25	7°37'29	19°27	13°25	3°22	16°11	29°12	19°21	23° 5	18°10	2°17	20°45	22°21	7°41	4° 4	T 26
F 27	10 31 21	8°38'20	4♍ 1	14° 1	3°38	15°47	29° 4	19°27	23° 6	18°D10	2°16	20°39	22°18	7°48	4° 9	F 27
S 28	10 35 18	9♓39'10	18♍19	14♒43	3♒56	15♍24	28♌57	19♒34	23♉ 8	18♊10	2♎15	20♈33	22♈15	7♑55	4♒14	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s59	4n21	2n23	11s13	0n56	11s59	6n 4	6n22	3n58	11n13	0n45	16s 5	0s19	17n56	0s23	21n10	1s33	10n56	13n 5	8n43	9n 7	28s 0	12s55	6n50
M 2	16 42	2s 1	1 16	11 0	1 15	11 58	6 15	6 27	4 0	11 15	0 45	16 3	0 19	17 56	0 22	21 10	1 33	10 57	13 6	8 42	9 5	28 0	12 54	6 50
T 3	16 25	8 6	0 7	10 51	1 33	11 58	6 24	6 32	4 2	11 18	0 46	16 1	0 19	17 56	0 22	21 10	1 33	10 57	13 6	8 42	9 4	28 0	12 52	6 50
W 4	16 7	13 39	1s 0	10 46	1 52	11 57	6 33	6 38	4 4	11 21	0 46	15 59	0 19	17 56	0 22	21 10	1 33	10 58	13 7	8 42	9 3	28 0	12 51	6 50
T 5	15 49	18 30	2 3	10 45	2 10	11 58	6 41	6 44	4 6	11 24	0 46	15 57	0 19	17 56	0 22	21 10	1 33	10 59	13 7	8 42	9 2	28 0	12 50	6 50
F 6	15 31	22 30	2 58	10 48	2 27	11 58	6 48	6 50	4 8	11 26	0 46	15 55	0 19	17 57	0 22	21 10	1 33	10 59	13 7	8 42	9 1	28 0	12 48	6 51
S 7	15 12	25 30	3 45	10 55	2 42	11 59	6 54	6 56	4 9	11 29	0 46	15 53	0 20	17 57	0 22	21 10	1 33	11 0	13 8	8 41	9 0	28 0	12 47	6 51
S 8	14 53	27 21	4 22	11 6	2 56	12 0	6 59	7 2	4 11	11 32	0 46	15 51	0 20	17 57	0 22	21 10	1 33	11 1	13 8	8 39	8 59	28 0	12 46	6 51
M 9	14 34	27 58	4 48	11 20	3 7	12 2	7 4	7 9	4 13	11 35	0 47	15 49	0 20	17 57	0 22	21 10	1 33	11 1	13 8	8 36	8 57	28 0	12 44	6 51
T 10	14 15	27 17	5 1	11 36	3 16	12 4	7 8	7 16	4 14	11 38	0 47	15 46	0 20	17 57	0 22	21 10	1 33	11 2	13 9	8 32	8 56	28 0	12 43	6 51
W11	13 56	25 21	5 2	11 54	3 22	12 6	7 11	7 24	4 16	11 41	0 47	15 44	0 20	17 57	0 22	21 10	1 32	11 3	13 9	8 28	8 55	28 0	12 41	6 51
T 12	13 36	22 14	4 48	12 12	3 26	12 8	7 13	7 31	4 17	11 44	0 47	15 42	0 20	17 57	0 22	21 10	1 32	11 4	13 9	8 24	8 54	28 0	12 40	6 52
F 13	13 16	18 8	4 22	12 32	3 28	12 10	7 15	7 39	4 19	11 47	0 47	15 40	0 20	17 58	0 22	21 10	1 32	11 4	13 10	8 19	8 53	28 0	12 39	6 52
S 14	12 56	13 12	3 42	12 51	3 27	12 12	7 16	7 47	4 20	11 50	0 47	15 38	0 20	17 58	0 22	21 10	1 32	11 5	13 10	8 16	8 52	28 0	12 37	6 52
S 15	12 35	7 40	2 51	13 10	3 23	12 15	7 16	7 55	4 21	11 52	0 47	15 36	0 20	17 58	0 22	21 10	1 32	11 6	13 10	8 13	8 50	28 0	12 36	6 52
M16	12 15	1 44	1 51	13 28	3 18	12 17	7 15	8 3	4 23	11 55	0 47	15 34	0 20	17 58	0 22	21 10	1 32	11 7	13 11	8 11	8 49	28 0	12 34	6 52
T 17	11 54	4n21	0 44	13 45	3 12	12 20	7 14	8 12	4 24	11 58	0 48	15 32	0 20	17 59	0 22	21 10	1 32	11 7	13 11	8 10	8 48	28 0	12 33	6 53
W18	11 33	10 22	0n26	14 0	3 4	12 22	7 13	8 21	4 25	12 1	0 48	15 30	0 20	17 59	0 22	21 10	1 32	11 8	13 11	8 10	8 47	28 0	12 32	6 53
T 19	11 11	16 1	1 37	14 14	2 55	12 25	7 11	8 29	4 26	12 4	0 48	15 28	0 20	17 59	0 22	21 10	1 32	11 9	13 11	8 11	8 46	27 59	12 30	6 53
F 20	10 50	20 59	2 43	14 27	2 45	12 27	7 8	8 38	4 27	12 7	0 48	15 26	0 20	17 59	0 22	21 11	1 32	11 10	13 12	8 11	8 45	27 59	12 29	6 53
S 21	10 28	24 53	3 41	14 37	2 34	12 30	7 5	8 47	4 27	12 10	0 48	15 23	0 21	18 0	0 22	21 11	1 32	11 10	13 12	8 11	8 43	27 59	12 27	6 54
S 22	10 7	27 21	4 27	14 46	2 23	12 32	7 2	8 56	4 28	12 13	0 48	15 21	0 21	18 0	0 22	21 11	1 32	11 11	13 12	8 10	8 42	27 59	12 26	6 54
M23	9 45	28 3	4 57	14 54	2 12	12 34	6 58	9 5	4 28	12 16	0 48	15 19	0 21	18 0	0 22	21 11	1 32	11 12	13 13	8 9	8 41	27 59	12 24	6 54
T 24	9 23	26 49	5 8	14 59	2 0	12 36	6 54	9 15	4 29	12 19	0 48	15 17	0 21	18 1	0 22	21 11	1 32	11 13	13 13	8 7	8 40	27 59	12 23	6 55
W25	9 0	23 44	4 59	15 3	1 48	12 38	6 49	9 24	4 29	12 21	0 48	15 15	0 21	18 1	0 22	21 11	1 32	11 13	13 13	8 5	8 39	27 59	12 21	6 55
T 26	8 38	19 8	4 31	15 6	1 37	12 40	6 44	9 33	4 29	12 24	0 48	15 13	0 21	18 1	0 22	21 11	1 32	11 14	13 13	8 2	8 37	27 58	12 20	6 55
F 27	8 15	13 26	3 45	15 7	1 25	12 42	6 39	9 42	4 30	12 27	0 48	15 11	0 21	18 2	0 22	21 11	1 32	11 15	13 14	8 0	8 36	27 58	12 18	6 55
S 28	7s53	7n 7	2n45	15s 6	1n14	12s43	6n33	9n51	4n30	12n30	0n49	15s 9	0s21	18n 2	0s22	21n11	1s32	11n16	13n14	7n58	8n35	27s58	12s17	6n56

Julian Day Number = 3072123.5, Delta T = 02h37m04s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'43, Lahiri = 47°40'44

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

MARCH 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 39 14	10♓39'59	2♎16	15♒28	4♒16	15°R 0	28°R49	19♒41	23♉ 9	18♊10	2°R13	20°R30	22♈12	8♑ 1	4♒19	S 1
M 2	10 43 11	11°40'47	15°50	16°18	4°37	14♍36	28♌41	19°48	23°11	18°10	2♎12	20°D29	22° 8	8° 8	4°24	M 2
T 3	10 47 7	12°41'34	28°59	17°11	5° 1	14°12	28°34	19°55	23°12	18°10	2°10	20♈29	22° 5	8°15	4°29	T 3
W 4	10 51 4	13°42'21	11♏45	18° 8	5°26	13°48	28°26	20° 1	23°14	18°10	2° 9	20°30	22° 2	8°21	4°34	W 4
T 5	10 55 0	14°43'07	24°10	19° 7	5°54	13°24	28°19	20° 8	23°16	18°11	2° 7	20°32	21°59	8°28	4°39	T 5
F 6	10 58 57	15°43'52	6♐20	20° 9	6°22	13° 0	28°11	20°15	23°17	18°11	2° 6	20°33	21°56	8°35	4°43	F 6
S 7	11 2 54	16°44'36	18°19	21°14	6°53	12°36	28° 4	20°22	23°19	18°11	2° 5	20°R34	21°53	8°42	4°48	S 7
S 8	11 6 50	17°45'19	0♑12	22°20	7°25	12°13	27°57	20°28	23°21	18°12	2° 3	20°33	21°49	8°48	4°53	S 8
M 9	11 10 47	18°46'01	12° 3	23°29	7°58	11°49	27°50	20°35	23°23	18°12	2° 2	20°30	21°46	8°55	4°58	M 9
T 10	11 14 43	19°46'43	23°58	24°40	8°33	11°26	27°43	20°41	23°25	18°12	2° 0	20°27	21°43	9° 2	5° 2	T 10
W11	11 18 40	20°47'23	6♒ 0	25°53	9° 9	11° 3	27°36	20°48	23°27	18°13	1°59	20°22	21°40	9° 8	5° 7	W11
T 12	11 22 36	21°48'02	18°12	27° 8	9°46	10°41	27°29	20°54	23°29	18°13	1°57	20°17	21°37	9°15	5°11	T 12
F 13	11 26 33	22°48'40	0♓37	28°24	10°25	10°18	27°22	21° 1	23°31	18°14	1°56	20°12	21°34	9°22	5°16	F 13
S 14	11 30 29	23°49'17	13°16	29°41	11° 5	9°57	27°16	21° 7	23°33	18°14	1°54	20° 7	21°30	9°29	5°20	S 14
S 15	11 34 26	24°49'53	26°10	1♈ 1	11°46	9°35	27° 9	21°14	23°35	18°15	1°52	20° 4	21°27	9°35	5°25	S 15
M16	11 38 23	25°50'27	9♈17	2°21	12°28	9°14	27° 3	21°20	23°37	18°15	1°51	20° 3	21°24	9°42	5°29	M16
T 17	11 42 19	26°51'00	22°37	3°43	13°11	8°54	26°57	21°26	23°39	18°16	1°49	20°D 2	21°21	9°49	5°33	T 17
W18	11 46 16	27°51'31	6♉ 9	5° 6	13°55	8°34	26°51	21°32	23°41	18°17	1°48	20° 3	21°18	9°56	5°38	W18
T 19	11 50 12	28°52'00	19°52	6°30	14°40	8°15	26°45	21°39	23°44	18°17	1°46	20° 4	21°14	10° 2	5°42	T 19
F 20	11 54 9	29°52'28	3♊45	7°55	15°27	7°57	26°39	21°45	23°46	18°18	1°45	20° 6	21°11	10° 9	5°46	F 20
S 21	11 58 5	0♈52'55	17°46	9°22	16°13	7°39	26°34	21°51	23°48	18°19	1°43	20° 7	21° 8	10°16	5°50	S 21
S 22	12 2 2	1°53'19	1♋53	10°50	17° 1	7°22	26°29	21°57	23°51	18°19	1°42	20°R 7	21° 5	10°22	5°54	S 22
M23	12 5 58	2°53'42	16° 6	12°19	17°50	7° 5	26°23	22° 3	23°53	18°20	1°40	20° 7	21° 2	10°29	5°58	M23
T 24	12 9 55	3°54'03	0♌22	13°48	18°39	6°49	26°18	22° 9	23°56	18°21	1°39	20° 5	20°59	10°36	6° 2	T 24
W25	12 13 52	4°54'21	14°38	15°19	19°29	6°34	26°13	22°15	23°58	18°22	1°37	20° 4	20°55	10°43	6° 5	W25
T 26	12 17 48	5°54'38	28°50	16°51	20°20	6°20	26° 9	22°21	24° 1	18°23	1°35	20° 2	20°52	10°49	6° 9	T 26
F 27	12 21 45	6°54'53	12♍54	18°24	21°12	6° 6	26° 4	22°26	24° 3	18°24	1°34	20° 0	20°49	10°56	6°13	F 27
S 28	12 25 41	7°55'07	26°46	19°58	22° 4	5°53	26° 0	22°32	24° 6	18°25	1°32	19°59	20°46	11° 3	6°16	S 28
S 29	12 29 38	8°55'18	10♎23	21°34	22°57	5°41	25°55	22°38	24° 8	18°26	1°31	19°58	20°43	11° 9	6°20	S 29
M30	12 33 34	9°55'28	23°43	23°10	23°51	5°30	25°51	22°43	24°11	18°27	1°29	19°D58	20°39	11°16	6°23	M30
T 31	12 37 31	10♈55'36	6♏44	24♓47	24♒45	5♍19	25♌47	22♒49	24♉14	18♊28	1♎28	19♈58	20♈36	11♑23	6♒27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s30	0n36	1n37	15s 3	1n 2	12s44	6n28	10n 0	4n30	12n33	0n49	15s 7	0s21	18n 3	0s22	21n11	1s31	11n16	13n14	7n56	8n34	27s58	12s16	6n56
M 2	7 7	5s47	0 25	14 59	0 51	12 45	6 22	10 9	4 29	12 35	0 49	15 5	0 21	18 3	0 22	21 11	1 31	11 17	13 14	7 56	8 33	27 58	12 14	6 56
T 3	6 44	11 44	0s46	14 54	0 40	12 45	6 16	10 18	4 29	12 38	0 49	15 3	0 21	18 3	0 22	21 11	1 31	11 18	13 14	7 56	8 32	27 57	12 13	6 57
W 4	6 21	17 1	1 53	14 47	0 30	12 45	6 10	10 27	4 29	12 41	0 49	15 1	0 21	18 4	0 22	21 11	1 31	11 19	13 15	7 56	8 30	27 57	12 11	6 57
T 5	5 58	21 26	2 53	14 39	0 19	12 45	6 3	10 36	4 28	12 43	0 49	14 59	0 21	18 4	0 22	21 11	1 31	11 19	13 15	7 57	8 29	27 57	12 10	6 57
F 6	5 35	24 51	3 44	14 29	0 9	12 45	5 57	10 44	4 27	12 46	0 49	14 57	0 22	18 5	0 22	21 11	1 31	11 20	13 15	7 57	8 28	27 57	12 8	6 58
S 7	5 11	27 6	4 24	14 18	0s 0	12 44	5 50	10 53	4 27	12 48	0 49	14 55	0 22	18 5	0 22	21 11	1 31	11 21	13 15	7 58	8 27	27 56	12 7	6 58
S 8	4 48	28 6	4 53	14 6	0 10	12 43	5 43	11 1	4 26	12 51	0 49	14 53	0 22	18 6	0 22	21 11	1 31	11 22	13 15	7 57	8 26	27 56	12 5	6 59
M 9	4 24	27 48	5 9	13 52	0 19	12 41	5 36	11 9	4 25	12 53	0 49	14 51	0 22	18 6	0 22	21 12	1 31	11 22	13 16	7 56	8 25	27 56	12 4	6 59
T 10	4 1	26 14	5 11	13 37	0 28	12 39	5 29	11 17	4 24	12 56	0 49	14 49	0 22	18 7	0 22	21 12	1 31	11 23	13 16	7 55	8 23	27 56	12 3	6 59
W11	3 37	23 27	5 1	13 21	0 37	12 37	5 22	11 25	4 23	12 58	0 49	14 47	0 22	18 7	0 22	21 12	1 31	11 24	13 16	7 53	8 22	27 55	12 1	7 0
T 12	3 13	19 37	4 36	13 4	0 45	12 35	5 15	11 32	4 22	13 0	0 49	14 45	0 22	18 8	0 21	21 12	1 31	11 25	13 16	7 51	8 21	27 55	12 0	7 0
F 13	2 50	14 52	3 58	12 45	0 53	12 31	5 8	11 39	4 20	13 3	0 49	14 43	0 22	18 8	0 21	21 12	1 31	11 25	13 16	7 49	8 20	27 55	11 58	7 1
S 14	2 26	9 25	3 8	12 25	1 0	12 28	5 0	11 46	4 19	13 5	0 49	14 41	0 22	18 9	0 21	21 12	1 31	11 26	13 16	7 48	8 19	27 54	11 57	7 1
S 15	2 2	3 28	2 7	12 4	1 8	12 24	4 53	11 53	4 17	13 7	0 49	14 39	0 22	18 9	0 21	21 12	1 31	11 27	13 16	7 47	8 18	27 54	11 55	7 1
M16	1 38	2n45	0 59	11 42	1 14	12 20	4 46	11 59	4 16	13 9	0 49	14 37	0 22	18 10	0 21	21 12	1 31	11 28	13 17	7 46	8 16	27 54	11 54	7 2
T 17	1 14	8 56	0n14	11 19	1 21	12 15	4 38	12 5	4 14	13 11	0 49	14 35	0 23	18 10	0 21	21 12	1 31	11 28	13 17	7 46	8 15	27 54	11 52	7 2
W18	0 51	14 50	1 28	10 55	1 27	12 10	4 31	12 11	4 12	13 14	0 49	14 33	0 23	18 11	0 21	21 12	1 31	11 29	13 17	7 46	8 14	27 53	11 51	7 3
T 19	0 27	20 4	2 37	10 29	1 33	12 4	4 24	12 16	4 10	13 16	0 49	14 31	0 23	18 12	0 21	21 13	1 30	11 30	13 17	7 47	8 13	27 53	11 50	7 3
F 20	0 3	24 17	3 38	10 3	1 38	11 58	4 16	12 22	4 9	13 17	0 49	14 29	0 23	18 12	0 21	21 13	1 30	11 30	13 17	7 47	8 12	27 52	11 48	7 4
S 21	0n21	27 5	4 27	9 35	1 44	11 52	4 9	12 26	4 7	13 19	0 49	14 28	0 23	18 13	0 21	21 13	1 30	11 31	13 17	7 48	8 10	27 52	11 47	7 4
S 22	0 45	28 12	5 0	9 7	1 48	11 45	4 1	12 31	4 5	13 21	0 49	14 26	0 23	18 13	0 21	21 13	1 30	11 32	13 17	7 48	8 9	27 52	11 45	7 5
M23	1 8	27 28	5 15	8 37	1 53	11 38	3 54	12 35	4 2	13 23	0 49	14 24	0 23	18 14	0 21	21 13	1 30	11 32	13 17	7 48	8 8	27 51	11 44	7 5
T 24	1 32	24 56	5 10	8 7	1 57	11 30	3 46	12 39	4 0	13 25	0 49	14 22	0 23	18 15	0 21	21 13	1 30	11 33	13 17	7 47	8 7	27 51	11 43	7 6
W25	1 56	20 52	4 47	7 35	2 1	11 22	3 39	12 43	3 58	13 26	0 49	14 20	0 23	18 15	0 21	21 13	1 30	11 34	13 17	7 46	8 6	27 51	11 41	7 6
T 26	2 20	15 37	4 6	7 3	2 4	11 13	3 32	12 46	3 56	13 28	0 49	14 19	0 23	18 16	0 21	21 13	1 30	11 34	13 17	7 46	8 5	27 50	11 40	7 6
F 27	2 43	9 36	3 11	6 30	2 7	11 4	3 24	12 49	3 54	13 29	0 49	14 17	0 23	18 16	0 21	21 14	1 30	11 35	13 17	7 45	8 3	27 50	11 39	7 7
S 28	3 7	3 11	2 5	5 55	2 9	10 55	3 17	12 51	3 51	13 31	0 49	14 15	0 24	18 17	0 21	21 14	1 30	11 36	13 17	7 45	8 2	27 49	11 37	7 7
S 29	3 30	3s16	0 53	5 20	2 11	10 45	3 10	12 54	3 49	13 32	0 49	14 13	0 24	18 18	0 21	21 14	1 30	11 36	13 17	7 44	8 1	27 49	11 36	7 8
M30	3 54	9 27	0s21	4 44	2 13	10 34	3 3	12 56	3 47	13 34	0 49	14 12	0 24	18 18	0 21	21 14	1 30	11 37	13 17	7 44	8 0	27 49	11 35	7 9
T 31	4n17	15s 5	1s32	4s 7	2s14	10s24	2n55	12n57	3n44	13n35	0n49	14s10	0s24	18n19	0s21	21n14	1s30	11n37	13n17	7n44	7n59	27s48	11s33	7n 9

Julian Day Number = 3072151.5, Delta T = 02h37m05s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'47, Lahiri = 47°40'48

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

APRIL 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 41 27	11♈55'43	19♏27	26♓26	25♒40	5°R10	25°R44	22♒54	24♉16	18♊29	1°R26	19♈59	20♈33	11♑30	6♒30	W 1
T 2	12 45 24	12°55'48	1♐53	28° 5	26°35	5♏ 1	25♌40	23° 0	24°19	18°30	1♎25	20° 0	20°30	11°36	6°34	T 2
F 3	12 49 20	13°55'52	14° 5	29°46	27°31	4°52	25°37	23° 5	24°22	18°31	1°23	20° 0	20°27	11°43	6°37	F 3
S 4	12 53 17	14°55'55	26° 6	1♈27	28°28	4°45	25°34	23°11	24°25	18°33	1°22	20° 1	20°24	11°50	6°40	S 4
S 5	12 57 14	15°55'55	8♑ 1	3°10	29°25	4°38	25°31	23°16	24°28	18°34	1°20	20° 1	20°20	11°56	6°43	S 5
M 6	13 1 10	16°55'55	19°54	4°54	0♓22	4°32	25°28	23°21	24°30	18°35	1°19	20°R 1	20°17	12° 3	6°46	M 6
T 7	13 5 7	17°55'52	1♒49	6°39	1°20	4°27	25°25	23°26	24°33	18°36	1°17	20° 1	20°14	12°10	6°49	T 7
W 8	13 9 3	18°55'48	13°52	8°25	2°19	4°23	25°23	23°31	24°36	18°38	1°16	20° 1	20°11	12°17	6°52	W 8
T 9	13 13 0	19°55'43	26° 7	10°13	3°17	4°19	25°21	23°36	24°39	18°39	1°14	20°D 1	20° 8	12°23	6°55	T 9
F 10	13 16 56	20°55'36	8♓36	12° 1	4°17	4°17	25°19	23°41	24°42	18°40	1°13	20° 1	20° 5	12°30	6°57	F 10
S 11	13 20 53	21°55'27	21°24	13°51	5°16	4°15	25°17	23°46	24°45	18°42	1°11	20° 1	20° 1	12°37	7° 0	S 11
S 12	13 24 49	22°55'16	4♈31	15°42	6°16	4°13	25°15	23°51	24°48	18°43	1°10	20° 1	19°58	12°44	7° 2	S 12
M13	13 28 46	23°55'04	17°57	17°34	7°17	4°D13	25°14	23°55	24°51	18°45	1° 9	20°R 1	19°55	12°50	7° 5	M13
T 14	13 32 43	24°54'50	1♉42	19°27	8°18	4°13	25°13	24° 0	24°54	18°46	1° 7	20° 1	19°52	12°57	7° 7	T 14
W15	13 36 39	25°54'34	15°42	21°22	9°19	4°14	25°12	24° 5	24°57	18°48	1° 6	20° 1	19°49	13° 4	7°10	W15
T 16	13 40 36	26°54'16	29°54	23°18	10°20	4°16	25°11	24° 9	25° 1	18°49	1° 4	20° 0	19°45	13°10	7°12	T 16
F 17	13 44 32	27°53'56	14♊13	25°14	11°22	4°18	25°10	24°13	25° 4	18°51	1° 3	19°59	19°42	13°17	7°14	F 17
S 18	13 48 29	28°53'34	28°34	27°12	12°24	4°21	25°10	24°18	25° 7	18°52	1° 2	19°58	19°39	13°24	7°16	S 18
S 19	13 52 25	29°53'09	12♋55	29°11	13°26	4°25	25° 9	24°22	25°10	18°54	1° 0	19°58	19°36	13°31	7°18	S 19
M20	13 56 22	0♌52'43	27°10	1♌11	14°29	4°30	25°D 9	24°26	25°13	18°56	0°59	19°D57	19°33	13°37	7°20	M20
T 21	14 0 18	1°52'14	11♌18	3°12	15°32	4°35	25° 9	24°30	25°16	18°57	0°58	19°57	19°30	13°44	7°22	T 21
W22	14 4 15	2°51'43	25°16	5°14	16°35	4°41	25°10	24°34	25°20	18°59	0°57	19°58	19°26	13°51	7°24	W22
T 23	14 8 12	3°51'10	9♍ 4	7°16	17°38	4°47	25°10	24°38	25°23	19° 1	0°55	19°59	19°23	13°57	7°26	T 23
F 24	14 12 8	4°50'34	22°40	9°18	18°42	4°54	25°11	24°42	25°26	19° 2	0°54	20° 0	19°20	14° 4	7°27	F 24
S 25	14 16 5	5°49'56	6♎ 4	11°21	19°46	5° 2	25°12	24°46	25°30	19° 4	0°53	20° 1	19°17	14°11	7°29	S 25
S 26	14 20 1	6°49'16	19°16	13°24	20°50	5°10	25°13	24°50	25°33	19° 6	0°52	20°R 2	19°14	14°18	7°30	S 26
M27	14 23 58	7°48'34	2♏14	15°27	21°55	5°19	25°14	24°53	25°36	19° 8	0°50	20° 1	19°11	14°24	7°32	M27
T 28	14 27 54	8°47'51	15° 0	17°29	22°59	5°28	25°15	24°57	25°39	19° 9	0°49	20° 0	19° 7	14°31	7°33	T 28
W29	14 31 51	9°47'05	27°32	19°30	24° 4	5°39	25°17	25° 0	25°43	19°11	0°48	19°58	19° 4	14°38	7°34	W29
T 30	14 35 47	10♌46'17	9♐52	21♌30	25♓ 9	5♏49	25♌19	25♒ 4	25♉46	19♊13	0♎47	19♈54	19♈ 1	14♑45	7♒35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	4n40	19s56	2s36	3s29	2s15	10s12	2n48	12n59	3n42	13n36	0n49	14s 8	0s24	18n20	0s21	21n14	1s30	11n38	13n17	7n45	7n57	27s48	11s32	7n10
T 2	5 4	23 49	3 32	2 50	2 16	10 1	2 41	13 0	3 40	13 37	0 49	14 6	0 24	18 20	0 21	21 14	1 30	11 39	13 17	7 45	7 56	27 47	11 31	7 10
F 3	5 27	26 32	4 17	2 11	2 16	9 49	2 34	13 1	3 37	13 38	0 49	14 5	0 24	18 21	0 21	21 15	1 30	11 39	13 17	7 45	7 55	27 47	11 29	7 11
S 4	5 50	28 0	4 50	1 30	2 15	9 36	2 27	13 1	3 35	13 39	0 49	14 3	0 24	18 22	0 21	21 15	1 30	11 40	13 17	7 45	7 54	27 46	11 28	7 11
S 5	6 13	28 8	5 10	0 49	2 15	9 23	2 20	13 1	3 32	13 40	0 49	14 2	0 24	18 23	0 21	21 15	1 30	11 40	13 17	7 45	7 53	27 46	11 27	7 12
M 6	6 36	26 59	5 17	0 7	2 13	9 10	2 13	13 1	3 30	13 41	0 49	14 0	0 24	18 23	0 21	21 15	1 30	11 41	13 17	7 45	7 51	27 45	11 26	7 12
T 7	6 58	24 37	5 10	0n36	2 12	8 56	2 6	13 0	3 27	13 42	0 49	13 58	0 25	18 24	0 21	21 15	1 29	11 41	13 17	7 45	7 50	27 45	11 24	7 13
W 8	7 21	21 9	4 50	1 19	2 9	8 42	1 59	13 0	3 25	13 43	0 49	13 57	0 25	18 25	0 21	21 15	1 29	11 42	13 17	7 45	7 49	27 44	11 23	7 13
T 9	7 43	16 43	4 16	2 4	2 7	8 27	1 53	12 59	3 22	13 43	0 49	13 55	0 25	18 25	0 21	21 16	1 29	11 42	13 17	7 45	7 48	27 44	11 22	7 14
F 10	8 6	11 31	3 30	2 49	2 4	8 12	1 46	12 57	3 20	13 44	0 49	13 54	0 25	18 26	0 21	21 16	1 29	11 43	13 17	7 45	7 47	27 43	11 21	7 14
S 11	8 28	5 43	2 32	3 34	2 0	7 57	1 40	12 56	3 17	13 45	0 49	13 52	0 25	18 27	0 21	21 16	1 29	11 43	13 17	7 45	7 46	27 43	11 20	7 15
S 12	8 50	0n29	1 25	4 20	1 56	7 41	1 33	12 54	3 15	13 45	0 49	13 51	0 25	18 28	0 21	21 16	1 29	11 44	13 17	7 46	7 44	27 42	11 19	7 16
M13	9 12	6 48	0 11	5 7	1 51	7 25	1 27	12 52	3 12	13 46	0 49	13 49	0 25	18 28	0 21	21 16	1 29	11 44	13 17	7 46	7 43	27 42	11 17	7 16
T 14	9 34	12 58	1n 4	5 54	1 46	7 9	1 20	12 50	3 10	13 46	0 49	13 48	0 25	18 29	0 21	21 16	1 29	11 45	13 17	7 46	7 42	27 41	11 16	7 17
W15	9 55	18 35	2 18	6 42	1 41	6 52	1 14	12 47	3 7	13 46	0 49	13 47	0 25	18 30	0 21	21 17	1 29	11 45	13 17	7 45	7 41	27 40	11 15	7 17
T 16	10 17	23 15	3 23	7 30	1 35	6 35	1 8	12 44	3 5	13 47	0 49	13 45	0 26	18 31	0 21	21 17	1 29	11 46	13 17	7 45	7 40	27 40	11 14	7 18
F 17	10 38	26 33	4 17	8 19	1 28	6 17	1 2	12 41	3 3	13 47	0 49	13 44	0 26	18 31	0 21	21 17	1 29	11 46	13 16	7 45	7 38	27 39	11 13	7 19
S 18	10 59	28 8	4 55	9 8	1 21	5 59	0 56	12 37	3 0	13 47	0 48	13 43	0 26	18 32	0 21	21 17	1 29	11 47	13 16	7 44	7 37	27 39	11 12	7 19
S 19	11 20	27 49	5 14	9 57	1 13	5 41	0 50	12 34	2 58	13 47	0 48	13 41	0 26	18 33	0 21	21 17	1 29	11 47	13 16	7 44	7 36	27 38	11 11	7 20
M20	11 41	25 40	5 14	10 46	1 5	5 23	0 44	12 30	2 55	13 47	0 48	13 40	0 26	18 34	0 21	21 17	1 29	11 47	13 16	7 44	7 35	27 37	11 10	7 20
T 21	12 1	21 57	4 55	11 35	0 57	5 4	0 38	12 26	2 53	13 47	0 48	13 39	0 26	18 35	0 21	21 18	1 29	11 48	13 16	7 44	7 34	27 37	11 9	7 21
W22	12 21	17 2	4 18	12 24	0 48	4 45	0 32	12 22	2 51	13 47	0 48	13 38	0 26	18 35	0 21	21 18	1 29	11 48	13 16	7 44	7 32	27 36	11 8	7 21
T 23	12 41	11 18	3 27	13 13	0 38	4 26	0 27	12 17	2 48	13 46	0 48	13 36	0 26	18 36	0 21	21 18	1 29	11 48	13 16	7 45	7 31	27 36	11 7	7 22
F 24	13 1	5 7	2 25	14 1	0 28	4 6	0 21	12 12	2 46	13 46	0 48	13 35	0 26	18 37	0 21	21 18	1 29	11 49	13 16	7 45	7 30	27 35	11 6	7 23
S 25	13 21	1s13	1 16	14 49	0 18	3 47	0 16	12 7	2 44	13 46	0 48	13 34	0 27	18 38	0 21	21 18	1 29	11 49	13 15	7 46	7 29	27 34	11 5	7 23
S 26	13 40	7 25	0 4	15 36	0 8	3 26	0 10	12 2	2 41	13 45	0 48	13 33	0 27	18 38	0 21	21 18	1 29	11 49	13 15	7 46	7 28	27 34	11 4	7 24
M27	13 59	13 11	1s 7	16 22	0n 3	3 6	0 5	11 57	2 39	13 45	0 48	13 32	0 27	18 39	0 21	21 19	1 29	11 50	13 15	7 46	7 27	27 33	11 3	7 25
T 28	14 18	18 19	2 13	17 7	0 14	2 46	0 0	11 51	2 37	13 44	0 48	13 31	0 27	18 40	0 21	21 19	1 29	11 50	13 15	7 45	7 25	27 32	11 2	7 25
W29	14 37	22 33	3 12	17 51	0 25	2 25	0s 5	11 46	2 35	13 44	0 48	13 30	0 27	18 41	0 21	21 19	1 29	11 50	13 15	7 44	7 24	27 32	11 1	7 26
T 30	14n55	25s42	4s 1	18n34	0n37	2s 4	0s10	11n40	2n33	13n43	0n48	13s29	0s27	18n42	0s21	21n19	1s29	11n51	13n14	7n43	7n23	27s31	11s 0	7n26

Julian Day Number = 3072182.5, Delta T = 02h37m06s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'51, Lahiri = 47°40'52

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

MAY 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 39 44	11♉45'28	22♐ 1	23♉29	26♓14	6♍ 0	25♌21	25♒ 7	25♉49	19♊15	0°R46	19°R51	18♈58	14♑51	7♒36	F 1
S 2	14 43 41	12°44'37	4♑ 1	25°26	27°20	6°12	25°23	25°10	25°53	19°17	0♎45	19♈47	18°55	14°58	7°37	S 2
S 3	14 47 37	13°43'44	15°56	27°20	28°26	6°24	25°25	25°13	25°56	19°19	0°44	19°44	18°51	15° 5	7°38	S 3
M 4	14 51 34	14°42'50	27°49	29°12	29°32	6°37	25°28	25°16	26° 0	19°21	0°43	19°42	18°48	15°11	7°39	M 4
T 5	14 55 30	15°41'54	9♒43	1♊ 1	0♈38	6°50	25°31	25°19	26° 3	19°22	0°42	19°41	18°45	15°18	7°40	T 5
W 6	14 59 27	16°40'56	21°45	2°46	1°44	7° 4	25°34	25°22	26° 6	19°24	0°41	19°D41	18°42	15°25	7°41	W 6
T 7	15 3 23	17°39'56	3♓57	4°28	2°50	7°18	25°37	25°25	26°10	19°26	0°40	19°42	18°39	15°32	7°41	T 7
F 8	15 7 20	18°38'55	16°26	6° 6	3°57	7°33	25°40	25°27	26°13	19°28	0°39	19°43	18°36	15°38	7°42	F 8
S 9	15 11 16	19°37'51	29°15	7°39	5° 4	7°48	25°43	25°30	26°17	19°30	0°38	19°45	18°32	15°45	7°42	S 9
S 10	15 15 13	20°36'47	12♈27	9° 8	6°10	8° 3	25°47	25°32	26°20	19°32	0°37	19°46	18°29	15°52	7°43	S 10
M11	15 19 9	21°35'40	26° 4	10°33	7°17	8°19	25°51	25°35	26°24	19°34	0°36	19°R46	18°26	15°59	7°43	M11
T 12	15 23 6	22°34'32	10♉ 5	11°52	8°25	8°36	25°55	25°37	26°27	19°36	0°35	19°44	18°23	16° 5	7°43	T 12
W13	15 27 3	23°33'22	24°27	13° 6	9°32	8°53	25°59	25°39	26°30	19°39	0°34	19°41	18°20	16°12	7°43	W13
T 14	15 30 59	24°32'10	9♊ 6	14°15	10°39	9°10	26° 3	25°41	26°34	19°41	0°34	19°37	18°17	16°19	7°R43	T 14
F 15	15 34 56	25°30'57	23°54	15°19	11°47	9°28	26° 8	25°43	26°37	19°43	0°33	19°32	18°13	16°25	7°43	F 15
S 16	15 38 52	26°29'41	8♋42	16°17	12°55	9°46	26°12	25°45	26°41	19°45	0°32	19°26	18°10	16°32	7°43	S 16
S 17	15 42 49	27°28'23	23°24	17°10	14° 2	10° 5	26°17	25°47	26°44	19°47	0°31	19°22	18° 7	16°39	7°43	S 17
M18	15 46 45	28°27'03	7♌53	17°57	15°10	10°24	26°22	25°49	26°48	19°49	0°31	19°18	18° 4	16°46	7°42	M18
T 19	15 50 42	29°25'41	22° 5	18°38	16°18	10°43	26°27	25°50	26°51	19°51	0°30	19°17	18° 1	16°52	7°42	T 19
W20	15 54 39	0♊24'16	5♍59	19°14	17°26	11° 3	26°33	25°52	26°54	19°53	0°29	19°D17	17°57	16°59	7°41	W20
T 21	15 58 35	1°22'50	19°35	19°44	18°35	11°23	26°38	25°53	26°58	19°56	0°29	19°18	17°54	17° 6	7°41	T 21
F 22	16 2 32	2°21'21	2♎53	20° 8	19°43	11°43	26°44	25°55	27° 1	19°58	0°28	19°19	17°51	17°12	7°40	F 22
S 23	16 6 28	3°19'50	15°56	20°26	20°51	12° 4	26°49	25°56	27° 5	20° 0	0°28	19°R20	17°48	17°19	7°40	S 23
S 24	16 10 25	4°18'18	28°46	20°38	22° 0	12°25	26°55	25°57	27° 8	20° 2	0°27	19°19	17°45	17°26	7°39	S 24
M25	16 14 21	5°16'43	11♏24	20°45	23° 9	12°46	27° 1	25°58	27°12	20° 4	0°27	19°17	17°42	17°33	7°38	M25
T 26	16 18 18	6°15'07	23°51	20°R46	24°17	13° 8	27° 7	25°59	27°15	20° 6	0°26	19°13	17°38	17°39	7°37	T 26
W27	16 22 14	7°13'28	6♐10	20°42	25°26	13°30	27°14	26° 0	27°18	20° 9	0°26	19° 6	17°35	17°46	7°36	W27
T 28	16 26 11	8°11'48	18°20	20°33	26°35	13°52	27°20	26° 0	27°22	20°11	0°25	18°58	17°32	17°53	7°35	T 28
F 29	16 30 8	9°10'07	0♑23	20°19	27°44	14°15	27°27	26° 1	27°25	20°13	0°25	18°48	17°29	18° 0	7°34	F 29
S 30	16 34 4	10° 8'24	12°20	20° 0	28°53	14°38	27°34	26° 2	27°29	20°15	0°25	18°39	17°26	18° 6	7°32	S 30
S 31	16 38 1	11♊ 6'39	24♑13	19♊38	0♉ 2	15♍ 1	27♌41	26♒ 2	27♉32	20♊18	0♎24	18♈30	17♈23	18♑13	7♒31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n13	27s36	4s38	19n15	0n48	1s42	0s15	11n34	2n30	13n42	0n48	13s28	0s27	18n42	0s21	21n19	1s28	11n51	13n14	7n42	7n22	27s30	10s59	7n27
S 2	15 31	28 12	5 2	19 54	0 59	1 21	0 20	11 27	2 28	13 42	0 48	13 27	0 27	18 43	0 21	21 20	1 28	11 51	13 14	7 40	7 21	27 30	10 58	7 28
S 3	15 49	27 28	5 13	20 31	1 10	0 59	0 24	11 21	2 26	13 41	0 48	13 26	0 27	18 44	0 21	21 20	1 28	11 51	13 14	7 39	7 19	27 29	10 58	7 28
M 4	16 6	25 29	5 11	21 7	1 21	0 38	0 29	11 14	2 24	13 40	0 48	13 25	0 28	18 45	0 21	21 20	1 28	11 52	13 14	7 38	7 18	27 28	10 57	7 29
T 5	16 23	22 23	4 55	21 40	1 31	0 16	0 33	11 7	2 22	13 39	0 47	13 24	0 28	18 46	0 21	21 20	1 28	11 52	13 13	7 38	7 17	27 27	10 56	7 29
W 6	16 40	18 20	4 26	22 11	1 41	0n 6	0 37	11 0	2 20	13 38	0 47	13 23	0 28	18 46	0 20	21 20	1 28	11 52	13 13	7 38	7 16	27 27	10 55	7 30
T 7	16 57	13 28	3 45	22 39	1 51	0 29	0 42	10 53	2 18	13 37	0 47	13 22	0 28	18 47	0 20	21 20	1 28	11 52	13 13	7 38	7 15	27 26	10 55	7 31
F 8	17 13	7 57	2 52	23 6	1 59	0 51	0 46	10 46	2 16	13 36	0 47	13 22	0 28	18 48	0 20	21 21	1 28	11 52	13 13	7 39	7 13	27 25	10 54	7 31
S 9	17 29	1 59	1 50	23 29	2 8	1 14	0 50	10 38	2 14	13 34	0 47	13 21	0 28	18 49	0 20	21 21	1 28	11 52	13 12	7 39	7 12	27 24	10 53	7 32
S 10	17 45	4n16	0 40	23 51	2 15	1 36	0 54	10 31	2 12	13 33	0 47	13 20	0 28	18 50	0 20	21 21	1 28	11 53	13 12	7 40	7 11	27 24	10 52	7 32
M11	18 0	10 31	0n34	24 10	2 22	1 59	0 58	10 23	2 10	13 32	0 47	13 20	0 28	18 50	0 20	21 21	1 28	11 53	13 12	7 40	7 10	27 23	10 52	7 33
T 12	18 15	16 26	1 49	24 27	2 28	2 22	1 1	10 15	2 8	13 30	0 47	13 19	0 29	18 51	0 20	21 21	1 28	11 53	13 12	7 39	7 9	27 22	10 51	7 34
W13	18 30	21 35	2 58	24 42	2 33	2 45	1 5	10 7	2 6	13 29	0 47	13 18	0 29	18 52	0 20	21 22	1 28	11 53	13 11	7 38	7 7	27 21	10 51	7 34
T 14	18 44	25 31	3 57	24 54	2 37	3 8	1 8	9 59	2 4	13 27	0 47	13 18	0 29	18 53	0 20	21 22	1 28	11 53	13 11	7 36	7 6	27 20	10 50	7 35
F 15	18 58	27 45	4 40	25 4	2 40	3 31	1 12	9 50	2 2	13 26	0 47	13 17	0 29	18 54	0 20	21 22	1 28	11 53	13 11	7 34	7 5	27 20	10 49	7 36
S 16	19 12	28 1	5 5	25 12	2 42	3 54	1 15	9 42	2 0	13 24	0 47	13 17	0 29	18 54	0 20	21 22	1 28	11 53	13 11	7 32	7 4	27 19	10 49	7 36
S 17	19 25	26 18	5 10	25 18	2 42	4 17	1 18	9 33	1 59	13 23	0 47	13 16	0 29	18 55	0 20	21 22	1 28	11 53	13 10	7 31	7 3	27 18	10 48	7 37
M18	19 38	22 52	4 54	25 22	2 42	4 40	1 21	9 24	1 57	13 21	0 47	13 16	0 29	18 56	0 20	21 22	1 28	11 53	13 10	7 29	7 1	27 17	10 48	7 37
T 19	19 51	18 8	4 21	25 25	2 41	5 3	1 24	9 16	1 55	13 19	0 47	13 15	0 29	18 57	0 20	21 23	1 28	11 53	13 10	7 29	7 0	27 16	10 47	7 38
W20	20 3	12 32	3 33	25 25	2 38	5 27	1 27	9 6	1 53	13 17	0 47	13 15	0 30	18 58	0 20	21 23	1 28	11 53	13 10	7 29	6 59	27 16	10 47	7 39
T 21	20 15	6 27	2 34	25 23	2 34	5 50	1 30	8 57	1 51	13 15	0 46	13 15	0 30	18 58	0 20	21 23	1 28	11 53	13 9	7 29	6 58	27 15	10 46	7 39
F 22	20 27	0 13	1 28	25 20	2 29	6 13	1 32	8 48	1 50	13 13	0 46	13 14	0 30	18 59	0 20	21 23	1 28	11 53	13 9	7 30	6 57	27 14	10 46	7 40
S 23	20 38	5s56	0 18	25 15	2 23	6 36	1 35	8 39	1 48	13 11	0 46	13 14	0 30	19 0	0 20	21 23	1 28	11 53	13 9	7 30	6 55	27 13	10 46	7 40
S 24	20 49	11 44	0s51	25 8	2 15	6 59	1 37	8 29	1 46	13 9	0 46	13 14	0 30	19 1	0 20	21 24	1 28	11 53	13 8	7 30	6 54	27 12	10 45	7 41
M25	20 59	16 58	1 56	25 0	2 6	7 22	1 40	8 19	1 45	13 7	0 46	13 13	0 30	19 2	0 20	21 24	1 28	11 53	13 8	7 29	6 53	27 11	10 45	7 41
T 26	21 9	21 24	2 55	24 50	1 56	7 45	1 42	8 10	1 43	13 5	0 46	13 13	0 30	19 2	0 20	21 24	1 28	11 53	13 8	7 27	6 52	27 10	10 45	7 42
W27	21 19	24 50	3 45	24 38	1 45	8 8	1 44	8 0	1 41	13 3	0 46	13 13	0 30	19 3	0 20	21 24	1 28	11 53	13 8	7 25	6 51	27 9	10 44	7 43
T 28	21 29	27 6	4 24	24 25	1 32	8 31	1 46	7 50	1 40	13 1	0 46	13 13	0 31	19 4	0 20	21 24	1 28	11 52	13 7	7 22	6 49	27 8	10 44	7 43
F 29	21 38	28 4	4 50	24 11	1 19	8 54	1 48	7 39	1 38	12 58	0 46	13 13	0 31	19 5	0 20	21 24	1 28	11 52	13 7	7 18	6 48	27 7	10 44	7 44
S 30	21 46	27 42	5 4	23 55	1 4	9 16	1 50	7 29	1 37	12 56	0 46	13 13	0 31	19 5	0 20	21 25	1 28	11 52	13 7	7 14	6 47	27 7	10 43	7 44
S 31	21n54	26s 4	5s 4	23n38	0n49	9n39	1s51	7n19	1n35	12n53	0n46	13s13	0s31	19n 6	0s20	21n25	1s28	11n52	13n 6	7n11	6n46	27s 6	10s43	7n45

Julian Day Number = 3072212.5, Delta T = 02h37m07s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°33'56, Lahiri = 47°40'56

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

JUNE 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 41 57	12♊ 4'53	6♒ 5	19°R11	1♉12	15♍24	27♌48	26♒ 2	27♉35	20♊20	0°R24	18°R22	17♈19	18♑20	7°R30	M 1
T 2	16 45 54	13° 3'05	17°59	18♊42	2°21	15°48	27°55	26° 3	27°39	20°22	0♎24	18♈17	17°16	18°26	7♒28	T 2
W 3	16 49 50	14° 1'16	29°58	18°10	3°30	16°12	28° 2	26° 3	27°42	20°24	0°24	18°14	17°13	18°33	7°27	W 3
T 4	16 53 47	14°59'25	12♓ 8	17°35	4°40	16°36	28°10	26°R 3	27°45	20°26	0°23	18°D12	17°10	18°40	7°25	T 4
F 5	16 57 43	15°57'33	24°34	17° 0	5°49	17° 1	28°17	26° 3	27°49	20°29	0°23	18°13	17° 7	18°47	7°23	F 5
S 6	17 1 40	16°55'40	7♈19	16°24	6°59	17°26	28°25	26° 3	27°52	20°31	0°23	18°13	17° 3	18°53	7°22	S 6
S 7	17 5 37	17°53'46	20°29	15°47	8° 9	17°51	28°33	26° 2	27°55	20°33	0°23	18°R14	17° 0	19° 0	7°20	S 7
M 8	17 9 33	18°51'50	4♉ 6	15°12	9°19	18°16	28°41	26° 2	27°59	20°36	0°23	18°13	16°57	19° 7	7°18	M 8
T 9	17 13 30	19°49'53	18°11	14°37	10°28	18°41	28°49	26° 2	28° 2	20°38	0°23	18° 9	16°54	19°14	7°16	T 9
W10	17 17 26	20°47'55	2♊44	14° 4	11°38	19° 7	28°57	26° 1	28° 5	20°40	0°D23	18° 4	16°51	19°20	7°14	W10
T 11	17 21 23	21°45'55	17°38	13°34	12°48	19°33	29° 5	26° 0	28° 8	20°42	0°23	17°56	16°48	19°27	7°12	T 11
F 12	17 25 19	22°43'54	2♋45	13° 6	13°58	19°59	29°14	26° 0	28°12	20°45	0°23	17°47	16°44	19°34	7°10	F 12
S 13	17 29 16	23°41'52	17°56	12°41	15° 9	20°26	29°22	25°59	28°15	20°47	0°23	17°37	16°41	19°40	7° 8	S 13
S 14	17 33 13	24°39'48	2♌59	12°20	16°19	20°53	29°31	25°58	28°18	20°49	0°23	17°28	16°38	19°47	7° 5	S 14
M15	17 37 9	25°37'42	17°46	12° 3	17°29	21°19	29°40	25°57	28°21	20°51	0°23	17°21	16°35	19°54	7° 3	M15
T 16	17 41 6	26°35'35	2♍11	11°50	18°39	21°47	29°49	25°56	28°24	20°54	0°23	17°17	16°32	20° 1	7° 0	T 16
W17	17 45 2	27°33'26	16°11	11°41	19°49	22°14	29°58	25°55	28°27	20°56	0°24	17°15	16°29	20° 7	6°58	W17
T 18	17 48 59	28°31'15	29°46	11°36	21° 0	22°41	0♍ 7	25°53	28°30	20°58	0°24	17°D14	16°25	20°14	6°55	T 18
F 19	17 52 55	29°29'03	12♎58	11°D36	22°10	23° 9	0°16	25°52	28°34	21° 0	0°24	17°R15	16°22	20°21	6°53	F 19
S 20	17 56 52	0♋26'49	25°51	11°40	23°21	23°37	0°25	25°50	28°37	21° 3	0°24	17°14	16°19	20°27	6°50	S 20
S 21	18 0 48	1°24'33	8♏27	11°49	24°31	24° 5	0°35	25°49	28°40	21° 5	0°25	17°13	16°16	20°34	6°48	S 21
M22	18 4 45	2°22'17	20°51	12° 2	25°42	24°33	0°44	25°47	28°43	21° 7	0°25	17° 8	16°13	20°41	6°45	M22
T 23	18 8 42	3°19'59	3♐ 5	12°20	26°52	25° 2	0°54	25°45	28°46	21° 9	0°25	17° 2	16° 9	20°48	6°42	T 23
W24	18 12 38	4°17'39	15°12	12°42	28° 3	25°30	1° 4	25°43	28°49	21°11	0°26	16°52	16° 6	20°54	6°39	W24
T 25	18 16 35	5°15'19	27°12	13° 9	29°13	25°59	1°14	25°42	28°51	21°14	0°26	16°40	16° 3	21° 1	6°36	T 25
F 26	18 20 31	6°12'57	9♑ 9	13°40	0♊24	26°28	1°23	25°39	28°54	21°16	0°27	16°27	16° 0	21° 8	6°33	F 26
S 27	18 24 28	7°10'34	21° 3	14°14	1°35	26°57	1°33	25°37	28°57	21°18	0°27	16°13	15°57	21°15	6°30	S 27
S 28	18 28 24	8° 8'10	2♒55	14°53	2°46	27°27	1°44	25°35	29° 0	21°20	0°28	16° 0	15°54	21°21	6°27	S 28
M29	18 32 21	9° 5'45	14°48	15°36	3°57	27°56	1°54	25°33	29° 3	21°22	0°28	15°49	15°50	21°28	6°24	M29
T 30	18 36 17	10♋ 3'19	26♒43	16♊22	5♊ 8	28♍26	2♍ 4	25♒31	29♉ 6	21♊25	0♎29	15♈40	15♈47	21♑35	6♒21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	23s17	4s51	23n20	0n33	10n 1	1s53	7n 8	1n33	12n51	0n46	13s13	0s31	19n 7	0s20	21n25	1s28	11n52	13n 6	7n 8	6n45	27s 5	10s43	7n45
T 2	22 10	19 31	4 26	23 1	0 16	10 23	1 54	6 58	1 32	12 48	0 46	13 13	0 31	19 8	0 20	21 25	1 28	11 52	13 6	7 6	6 43	27 4	10 43	7 46
W 3	22 17	14 57	3 49	22 41	0s 1	10 45	1 56	6 47	1 30	12 46	0 46	13 13	0 31	19 8	0 20	21 25	1 28	11 51	13 5	7 5	6 42	27 3	10 43	7 46
T 4	22 23	9 44	3 1	22 20	0 19	11 7	1 57	6 37	1 29	12 43	0 46	13 13	0 31	19 9	0 20	21 25	1 28	11 51	13 5	7 5	6 41	27 2	10 43	7 47
F 5	22 29	4 2	2 3	21 59	0 37	11 29	1 58	6 26	1 27	12 41	0 46	13 13	0 32	19 10	0 20	21 26	1 28	11 51	13 5	7 5	6 40	27 1	10 42	7 48
S 6	22 35	1n59	0 58	21 38	0 55	11 51	1 59	6 15	1 26	12 38	0 46	13 13	0 32	19 11	0 20	21 26	1 28	11 51	13 4	7 5	6 39	27 0	10 42	7 48
S 7	22 41	8 7	0n12	21 16	1 12	12 12	2 0	6 4	1 25	12 35	0 46	13 14	0 32	19 11	0 20	21 26	1 28	11 51	13 4	7 5	6 37	26 59	10 42	7 49
M 8	22 46	14 5	1 24	20 55	1 30	12 33	2 1	5 53	1 23	12 32	0 45	13 14	0 32	19 12	0 20	21 26	1 28	11 50	13 4	7 5	6 36	26 58	10 42	7 49
T 9	22 50	19 32	2 33	20 35	1 46	12 54	2 1	5 41	1 22	12 30	0 45	13 14	0 32	19 13	0 20	21 26	1 28	11 50	13 3	7 4	6 35	26 57	10 42	7 50
W10	22 54	24 1	3 34	20 15	2 3	13 15	2 2	5 30	1 20	12 27	0 45	13 14	0 32	19 13	0 20	21 26	1 28	11 50	13 3	7 1	6 34	26 56	10 42	7 50
T 11	22 58	27 0	4 22	19 56	2 18	13 35	2 3	5 19	1 19	12 24	0 45	13 15	0 32	19 14	0 20	21 27	1 28	11 49	13 3	6 58	6 32	26 55	10 42	7 51
F 12	23 2	28 4	4 52	19 38	2 33	13 56	2 3	5 7	1 18	12 21	0 45	13 15	0 33	19 15	0 20	21 27	1 28	11 49	13 2	6 55	6 31	26 54	10 42	7 51
S 13	23 4	27 2	5 3	19 22	2 46	14 16	2 3	4 56	1 16	12 18	0 45	13 15	0 33	19 16	0 20	21 27	1 28	11 49	13 2	6 51	6 30	26 53	10 43	7 51
S 14	23 7	24 3	4 52	19 7	2 59	14 35	2 4	4 44	1 15	12 15	0 45	13 16	0 33	19 16	0 20	21 27	1 28	11 48	13 2	6 48	6 29	26 52	10 43	7 52
M15	23 9	19 31	4 21	18 53	3 10	14 55	2 4	4 32	1 13	12 12	0 45	13 16	0 33	19 17	0 20	21 27	1 28	11 48	13 1	6 45	6 28	26 51	10 43	7 52
T 16	23 11	13 57	3 35	18 41	3 21	15 14	2 4	4 20	1 12	12 9	0 45	13 17	0 33	19 18	0 20	21 27	1 28	11 48	13 1	6 44	6 26	26 50	10 43	7 53
W17	23 12	7 49	2 37	18 31	3 30	15 33	2 4	4 8	1 11	12 5	0 45	13 17	0 33	19 18	0 20	21 27	1 28	11 47	13 1	6 43	6 25	26 49	10 43	7 53
T 18	23 13	1 29	1 31	18 22	3 38	15 51	2 4	3 57	1 10	12 2	0 45	13 18	0 33	19 19	0 20	21 28	1 28	11 47	13 0	6 43	6 24	26 47	10 43	7 54
F 19	23 13	4s44	0 23	18 16	3 45	16 9	2 4	3 44	1 8	11 59	0 45	13 19	0 33	19 20	0 20	21 28	1 28	11 47	13 0	6 43	6 23	26 46	10 43	7 54
S 20	23 13	10 36	0s45	18 10	3 50	16 27	2 3	3 32	1 7	11 56	0 45	13 19	0 34	19 20	0 20	21 28	1 28	11 46	13 0	6 43	6 22	26 45	10 44	7 54
S 21	23 13	15 56	1 50	18 7	3 55	16 44	2 3	3 20	1 6	11 52	0 45	13 20	0 34	19 21	0 20	21 28	1 28	11 46	13 0	6 42	6 20	26 44	10 44	7 55
M22	23 12	20 30	2 48	18 5	3 59	17 2	2 2	3 8	1 4	11 49	0 45	13 21	0 34	19 22	0 20	21 28	1 28	11 45	12 59	6 40	6 19	26 43	10 44	7 55
T 23	23 11	24 8	3 37	18 5	4 1	17 18	2 2	2 56	1 3	11 45	0 45	13 21	0 34	19 22	0 20	21 28	1 28	11 45	12 59	6 38	6 18	26 42	10 45	7 56
W24	23 9	26 39	4 16	18 7	4 2	17 35	2 1	2 43	1 2	11 42	0 45	13 22	0 34	19 23	0 20	21 28	1 28	11 44	12 59	6 34	6 17	26 41	10 45	7 56
T 25	23 7	27 55	4 43	18 9	4 3	17 50	2 0	2 31	1 1	11 38	0 45	13 23	0 34	19 24	0 20	21 29	1 28	11 44	12 58	6 30	6 16	26 40	10 45	7 56
F 26	23 5	27 51	4 57	18 14	4 2	18 6	2 0	2 18	1 0	11 35	0 45	13 24	0 34	19 24	0 20	21 29	1 28	11 43	12 58	6 25	6 14	26 39	10 46	7 57
S 27	23 2	26 31	4 59	18 19	4 1	18 21	1 59	2 6	0 58	11 31	0 45	13 24	0 34	19 25	0 20	21 29	1 28	11 43	12 58	6 19	6 13	26 37	10 46	7 57
S 28	22 59	23 59	4 47	18 26	3 58	18 36	1 58	1 53	0 57	11 28	0 45	13 25	0 35	19 25	0 20	21 29	1 28	11 42	12 57	6 14	6 12	26 36	10 46	7 57
M29	22 55	20 26	4 23	18 33	3 55	18 50	1 57	1 40	0 56	11 24	0 45	13 26	0 35	19 26	0 20	21 29	1 28	11 42	12 57	6 10	6 11	26 35	10 47	7 58
T 30	22n51	16s 3	3s47	18n42	3s51	19n 4	1s56	1n28	0n55	11n20	0n45	13s27	0s35	19n27	0s20	21n29	1s28	11n41	12n57	6n 7	6n10	26s34	10s47	7n58

Julian Day Number = 3072243.5, Delta T = 02h37m08s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'00, Lahiri = 47°41'00

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

JULY 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 40 14	11♋ 0'53	8♓44	17♊13	6♊19	28♍56	2♍14	25°R28	29♉ 9	21♊27	0♎29	15°R35	15♈44	21♉41	6°R18	W 1
T 2	18 44 11	11°58'25	20°54	18° 6	7°30	29°25	2°25	25♒26	29°11	21°29	0°30	15♈31	15°41	21°48	6♒15	T 2
F 3	18 48 7	12°55'57	3♈17	19° 4	8°41	29°56	2°35	25°23	29°14	21°31	0°31	15°30	15°38	21°55	6°11	F 3
S 4	18 52 4	13°53'28	15°59	20° 5	9°52	0♎26	2°46	25°20	29°17	21°33	0°31	15°30	15°35	22° 2	6° 8	S 4
S 5	18 56 0	14°50'59	29° 4	21° 9	11° 3	0°56	2°57	25°17	29°19	21°35	0°32	15°30	15°31	22° 8	6° 5	S 5
M 6	18 59 57	15°48'29	12♉35	22°17	12°14	1°27	3° 8	25°15	29°22	21°37	0°33	15°28	15°28	22°15	6° 1	M 6
T 7	19 3 53	16°45'59	26°36	23°28	13°25	1°57	3°18	25°12	29°25	21°39	0°34	15°25	15°25	22°22	5°58	T 7
W 8	19 7 50	17°43'28	11♊ 5	24°42	14°36	2°28	3°29	25° 9	29°27	21°42	0°35	15°18	15°22	22°28	5°55	W 8
T 9	19 11 47	18°40'57	25°59	25°59	15°48	2°59	3°40	25° 6	29°30	21°44	0°35	15°10	15°19	22°35	5°51	T 9
F 10	19 15 43	19°38'25	11♋11	27°19	16°59	3°30	3°51	25° 2	29°32	21°46	0°36	14°59	15°15	22°42	5°48	F 10
S 11	19 19 40	20°35'52	26°31	28°43	18°10	4° 2	4° 3	24°59	29°35	21°48	0°37	14°48	15°12	22°49	5°44	S 11
S 12	19 23 36	21°33'19	11♌46	0♋10	19°22	4°33	4°14	24°56	29°37	21°50	0°38	14°38	15° 9	22°55	5°41	S 12
M13	19 27 33	22°30'44	26°46	1°39	20°33	5° 5	4°25	24°53	29°39	21°52	0°39	14°30	15° 6	23° 2	5°37	M13
T 14	19 31 29	23°28'09	11♍23	3°12	21°45	5°36	4°37	24°49	29°42	21°54	0°40	14°25	15° 3	23° 9	5°34	T 14
W15	19 35 26	24°25'33	25°33	4°48	22°56	6° 8	4°48	24°46	29°44	21°56	0°41	14°22	15° 0	23°16	5°30	W15
T 16	19 39 22	25°22'56	9♎15	6°26	24° 8	6°40	5° 0	24°42	29°46	21°58	0°42	14°D21	14°56	23°22	5°26	T 16
F 17	19 43 19	26°20'19	22°30	8° 8	25°19	7°12	5°11	24°39	29°49	22° 0	0°43	14°R21	14°53	23°29	5°23	F 17
S 18	19 47 16	27°17'40	5♏21	9°52	26°31	7°44	5°23	24°35	29°51	22° 2	0°44	14°21	14°50	23°36	5°19	S 18
S 19	19 51 12	28°15'01	17°53	11°40	27°43	8°17	5°34	24°31	29°53	22° 3	0°45	14°19	14°47	23°42	5°15	S 19
M20	19 55 9	29°12'21	0♐11	13°30	28°54	8°49	5°46	24°27	29°55	22° 5	0°46	14°16	14°44	23°49	5°12	M20
T 21	19 59 5	0♑ 9'41	12°17	15°23	0♋ 6	9°22	5°58	24°24	29°57	22° 7	0°48	14° 9	14°41	23°56	5° 8	T 21
W22	20 3 2	1° 6'59	24°17	17°18	1°18	9°54	6°10	24°20	29°59	22° 9	0°49	14° 0	14°37	24° 3	5° 4	W22
T 23	20 6 58	2° 4'18	6♉12	19°16	2°30	10°27	6°22	24°16	0♊ 1	22°11	0°50	13°49	14°34	24° 9	5° 1	T 23
F 24	20 10 55	3° 1'36	18° 5	21°16	3°41	11° 0	6°34	24°12	0° 3	22°13	0°51	13°37	14°31	24°16	4°57	F 24
S 25	20 14 51	3°58'54	29°57	23°19	4°53	11°33	6°46	24° 8	0° 5	22°15	0°53	13°24	14°28	24°23	4°53	S 25
S 26	20 18 48	4°56'11	11♒51	25°23	6° 5	12° 6	6°58	24° 4	0° 7	22°16	0°54	13°12	14°25	24°30	4°50	S 26
M27	20 22 45	5°53'28	23°47	27°29	7°17	12°39	7°10	24° 0	0° 9	22°18	0°55	13° 2	14°21	24°36	4°46	M27
T 28	20 26 41	6°50'45	5♓48	29°37	8°29	13°13	7°22	23°56	0°11	22°20	0°56	12°54	14°18	24°43	4°42	T 28
W29	20 30 38	7°48'01	17°55	1♌45	9°41	13°46	7°34	23°52	0°13	22°22	0°58	12°49	14°15	24°50	4°39	W29
T 30	20 34 34	8°45'18	0♈11	3°55	10°53	14°20	7°47	23°47	0°14	22°23	0°59	12°46	14°12	24°56	4°35	T 30
F 31	20 38 31	9♌42'35	12♈39	6♌ 5	12♋ 5	14♎53	7♍59	23♒43	0♊16	22♊25	1♎ 1	12°D45	14♈ 9	25♉ 3	4♒31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n46	11s 2	3s 1	18n51	3s47	19n17	1s54	1n15	0n54	11n17	0n45	13s28	0s35	19n27	0s20	21n29	1s28	11n41	12n56	6n 5	6n 8	26s33	10s48	7n58	W 1
T 2	22 41	5 31	2 6	19 1	3 41	19 30	1 53	1 2	0 53	11 13	0 45	13 29	0 35	19 28	0 20	21 29	1 28	11 40	12 56	6 3	6 7	26 32	10 48	7 59	T 2
F 3	22 36	0n19	1 4	19 12	3 35	19 43	1 52	0 49	0 51	11 9	0 45	13 30	0 35	19 28	0 20	21 30	1 28	11 40	12 56	6 3	6 6	26 30	10 49	7 59	F 3
S 4	22 30	6 16	0n 3	19 24	3 28	19 54	1 50	0 36	0 50	11 5	0 45	13 31	0 35	19 29	0 20	21 30	1 28	11 39	12 55	6 3	6 5	26 29	10 49	7 59	S 4
S 5	22 24	12 9	1 11	19 35	3 21	20 6	1 49	0 23	0 49	11 2	0 45	13 32	0 35	19 30	0 20	21 30	1 28	11 39	12 55	6 3	6 3	26 28	10 50	7 59	S 5
M 6	22 18	17 40	2 18	19 47	3 13	20 17	1 47	0 10	0 48	10 58	0 45	13 33	0 36	19 30	0 20	21 30	1 28	11 38	12 55	6 2	6 2	26 27	10 50	8 0	M 6
T 7	22 11	22 26	3 19	19 59	3 5	20 27	1 46	0s 3	0 47	10 54	0 45	13 34	0 36	19 31	0 20	21 30	1 28	11 37	12 54	6 1	6 1	26 26	10 51	8 0	T 7
W 8	22 4	26 1	4 9	20 11	2 56	20 37	1 44	0 16	0 46	10 50	0 44	13 35	0 36	19 31	0 20	21 30	1 28	11 37	12 54	5 58	6 0	26 24	10 51	8 0	W 8
T 9	21 56	27 53	4 44	20 23	2 46	20 47	1 42	0 29	0 45	10 46	0 44	13 36	0 36	19 32	0 20	21 30	1 28	11 36	12 54	5 55	5 59	26 23	10 52	8 0	T 9
F 10	21 48	27 44	5 0	20 35	2 37	20 56	1 41	0 43	0 44	10 42	0 44	13 38	0 36	19 32	0 20	21 30	1 28	11 36	12 53	5 51	5 57	26 22	10 53	8 0	F 10
S 11	21 40	25 28	4 54	20 47	2 26	21 4	1 39	0 56	0 43	10 38	0 44	13 39	0 36	19 33	0 20	21 31	1 28	11 35	12 53	5 47	5 56	26 21	10 53	8 1	S 11
S 12	21 31	21 23	4 28	20 58	2 16	21 12	1 37	1 9	0 42	10 34	0 44	13 40	0 36	19 33	0 20	21 31	1 28	11 34	12 53	5 43	5 55	26 19	10 54	8 1	S 12
M13	21 22	15 59	3 43	21 8	2 5	21 19	1 35	1 23	0 41	10 30	0 44	13 41	0 36	19 34	0 20	21 31	1 28	11 34	12 53	5 40	5 54	26 18	10 55	8 1	M13
T 14	21 12	9 46	2 45	21 17	1 54	21 26	1 33	1 36	0 40	10 25	0 44	13 42	0 37	19 34	0 20	21 31	1 28	11 33	12 52	5 38	5 53	26 17	10 55	8 1	T 14
W15	21 2	3 15	1 38	21 26	1 42	21 32	1 31	1 49	0 39	10 21	0 44	13 44	0 37	19 35	0 20	21 31	1 28	11 32	12 52	5 37	5 51	26 15	10 56	8 1	W15
T 16	20 52	3s13	0 27	21 34	1 31	21 37	1 29	2 3	0 38	10 17	0 44	13 45	0 37	19 35	0 20	21 31	1 28	11 32	12 52	5 36	5 50	26 14	10 57	8 1	T 16
F 17	20 42	9 21	0s43	21 40	1 19	21 42	1 26	2 16	0 37	10 13	0 44	13 46	0 37	19 36	0 20	21 31	1 28	11 31	12 51	5 36	5 49	26 13	10 57	8 1	F 17
S 18	20 31	14 54	1 49	21 45	1 7	21 46	1 24	2 30	0 36	10 9	0 44	13 48	0 37	19 36	0 20	21 31	1 28	11 30	12 51	5 36	5 48	26 12	10 58	8 2	S 18
S 19	20 20	19 41	2 48	21 48	0 55	21 50	1 22	2 43	0 35	10 4	0 44	13 49	0 37	19 37	0 20	21 31	1 28	11 30	12 51	5 36	5 46	26 10	10 59	8 2	S 19
M20	20 8	23 33	3 37	21 50	0 43	21 53	1 20	2 57	0 34	10 0	0 44	13 50	0 37	19 37	0 20	21 31	1 28	11 29	12 51	5 34	5 45	26 9	11 0	8 2	M20
T 21	19 56	26 18	4 16	21 50	0 31	21 56	1 17	3 11	0 33	9 56	0 44	13 52	0 37	19 38	0 20	21 31	1 28	11 28	12 50	5 32	5 44	26 8	11 0	8 2	T 21
W22	19 44	27 49	4 44	21 48	0 19	21 58	1 15	3 24	0 32	9 51	0 44	13 53	0 37	19 38	0 20	21 32	1 28	11 28	12 50	5 29	5 43	26 6	11 1	8 2	W22
T 23	19 31	28 3	4 58	21 43	0 8	21 59	1 13	3 38	0 31	9 47	0 44	13 54	0 38	19 38	0 20	21 32	1 28	11 27	12 50	5 24	5 42	26 5	11 2	8 2	T 23
F 24	19 18	26 58	5 0	21 37	0n 4	22 0	1 10	3 51	0 30	9 43	0 44	13 56	0 38	19 39	0 20	21 32	1 28	11 26	12 50	5 20	5 40	26 4	11 3	8 2	F 24
S 25	19 5	24 41	4 49	21 28	0 15	22 0	1 8	4 5	0 29	9 38	0 44	13 57	0 38	19 39	0 20	21 32	1 28	11 25	12 49	5 15	5 39	26 2	11 4	8 2	S 25
S 26	18 52	21 19	4 25	21 17	0 25	22 0	1 5	4 19	0 28	9 34	0 44	13 59	0 38	19 40	0 20	21 32	1 28	11 25	12 49	5 10	5 38	26 1	11 5	8 2	S 26
M27	18 38	17 5	3 49	21 3	0 35	21 59	1 3	4 33	0 27	9 29	0 44	14 0	0 38	19 40	0 20	21 32	1 28	11 24	12 49	5 6	5 37	25 59	11 5	8 2	M27
T 28	18 24	12 9	3 3	20 47	0 45	21 57	1 0	4 46	0 26	9 25	0 44	14 1	0 38	19 40	0 20	21 32	1 28	11 23	12 48	5 3	5 35	25 58	11 6	8 2	T 28
W29	18 9	6 42	2 8	20 28	0 54	21 55	0 57	5 0	0 25	9 20	0 44	14 3	0 38	19 41	0 20	21 32	1 28	11 22	12 48	5 1	5 34	25 57	11 7	8 2	W29
T 30	17 55	0 57	1 7	20 7	1 3	21 52	0 55	5 14	0 24	9 16	0 44	14 4	0 38	19 41	0 20	21 32	1 28	11 22	12 48	5 0	5 33	25 55	11 8	8 2	T 30
F 31	17n40	4n57	0s 1	19n43	1n11	21n49	0s52	5s27	0n23	9n11	0n44	14s 6	0s38	19n41	0s20	21n32	1s28	11n21	12n48	5n 0	5n32	25s54	11s 9	8n 2	F 31

Julian Day Number = 3072273.5, Delta T = 02h37m09s
Ecliptic obliquity = 23°13'23, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'04, Lahiri = 47°41'05

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

AUGUST 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 42 27	10♌39'52	25♈23	8♌15	13♋17	15♎27	8♍11	23°R39	0♊18	22♊27	1♎ 2	12♈46	14♈ 6	25♑10	4°R28	S 1
S 2	20 46 24	11°37'10	8♉26	10°26	14°29	16° 1	8°24	23♒35	0°19	22°28	1° 3	12°R46	14° 2	25°17	4♒24	S 2
M 3	20 50 20	12°34'27	21°53	12°36	15°42	16°35	8°36	23°30	0°21	22°30	1° 5	12°46	13°59	25°23	4°20	M 3
T 4	20 54 17	13°31'45	5♊45	14°46	16°54	17° 9	8°49	23°26	0°22	22°31	1° 6	12°44	13°56	25°30	4°17	T 4
W 5	20 58 14	14°29'04	20° 4	16°55	18° 6	17°43	9° 1	23°22	0°24	22°33	1° 8	12°40	13°53	25°37	4°13	W 5
T 6	21 2 10	15°26'22	4♋46	19° 3	19°18	18°17	9°14	23°17	0°25	22°34	1° 9	12°34	13°50	25°43	4° 9	T 6
F 7	21 6 7	16°23'41	19°47	21°10	20°31	18°52	9°27	23°13	0°27	22°36	1°11	12°26	13°47	25°50	4° 6	F 7
S 8	21 10 3	17°21'01	4♌59	23°16	21°43	19°26	9°39	23° 8	0°28	22°37	1°13	12°18	13°43	25°57	4° 2	S 8
S 9	21 14 0	18°18'20	20°10	25°20	22°56	20° 1	9°52	23° 4	0°29	22°39	1°14	12°10	13°40	26° 4	3°59	S 9
M10	21 17 56	19°15'40	5♍11	27°23	24° 8	20°36	10° 5	22°59	0°30	22°40	1°16	12° 4	13°37	26°10	3°55	M10
T 11	21 21 53	20°13'00	19°52	29°24	25°21	21°10	10°17	22°55	0°32	22°42	1°17	12° 0	13°34	26°17	3°52	T 11
W12	21 25 50	21°10'19	4♎ 8	1♍23	26°33	21°45	10°30	22°51	0°33	22°43	1°19	11°58	13°31	26°24	3°48	W12
T 13	21 29 46	22° 7'39	17°56	3°21	27°46	22°20	10°43	22°46	0°34	22°44	1°21	11°D58	13°27	26°30	3°45	T 13
F 14	21 33 43	23° 4'59	1♏17	5°17	28°58	22°55	10°56	22°42	0°35	22°46	1°22	11°59	13°24	26°37	3°42	F 14
S 15	21 37 39	24° 2'19	14°13	7°11	0♌11	23°30	11° 9	22°37	0°36	22°47	1°24	12° 0	13°21	26°44	3°38	S 15
S 16	21 41 36	24°59'39	26°47	9° 4	1°23	24° 6	11°21	22°33	0°37	22°48	1°26	12°R 0	13°18	26°51	3°35	S 16
M17	21 45 32	25°57'00	9♐ 4	10°54	2°36	24°41	11°34	22°28	0°38	22°50	1°27	11°59	13°15	26°57	3°32	M17
T 18	21 49 29	26°54'20	21° 9	12°43	3°49	25°16	11°47	22°24	0°39	22°51	1°29	11°56	13°12	27° 4	3°28	T 18
W19	21 53 25	27°51'41	3♑ 7	14°30	5° 2	25°52	12° 0	22°19	0°39	22°52	1°31	11°52	13° 8	27°11	3°25	W19
T 20	21 57 22	28°49'02	15° 0	16°15	6°14	26°28	12°13	22°15	0°40	22°53	1°33	11°45	13° 5	27°18	3°22	T 20
F 21	22 1 19	29°46'23	26°52	17°59	7°27	27° 3	12°26	22°11	0°41	22°54	1°35	11°38	13° 2	27°24	3°19	F 21
S 22	22 5 15	0♍43'45	8♒46	19°41	8°40	27°39	12°39	22° 6	0°42	22°55	1°36	11°30	12°59	27°31	3°16	S 22
S 23	22 9 12	1°41'07	20°43	21°21	9°53	28°15	12°52	22° 2	0°42	22°57	1°38	11°23	12°56	27°38	3°13	S 23
M24	22 13 8	2°38'30	2♓47	22°59	11° 6	28°51	13° 5	21°58	0°43	22°58	1°40	11°17	12°53	27°44	3°10	M24
T 25	22 17 5	3°35'54	14°57	24°35	12°19	29°27	13°18	21°53	0°43	22°59	1°42	11°13	12°49	27°51	3° 7	T 25
W26	22 21 1	4°33'18	27°16	26°10	13°32	0♏ 3	13°32	21°49	0°44	23° 0	1°44	11°10	12°46	27°58	3° 4	W26
T 27	22 24 58	5°30'42	9♈44	27°43	14°45	0°39	13°45	21°45	0°44	23° 1	1°46	11°D 9	12°43	28° 5	3° 1	T 27
F 28	22 28 54	6°28'08	22°25	29°14	15°58	1°16	13°58	21°40	0°45	23° 1	1°47	11°10	12°40	28°11	2°58	F 28
S 29	22 32 51	7°25'35	5♉19	0♎43	17°11	1°52	14°11	21°36	0°45	23° 2	1°49	11°11	12°37	28°18	2°56	S 29
S 30	22 36 47	8°23'03	18°30	2°11	18°24	2°28	14°24	21°32	0°45	23° 3	1°51	11°12	12°33	28°25	2°53	S 30
M31	22 40 44	9♍20'32	1♊58	3♎37	19♌37	3♏ 5	14♍37	21♒28	0♊45	23♊ 4	1♎53	11♈14	12♈30	28♑31	2♒50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n24	10n46	1n 7	19n17	1n18	21n45	0s49	5s41	0n22	9n 7	0n44	14s 7	0s39	19n42	0s20	21n32	1s29	11n20	12n48	5n 0	5n31	25s52	11s10	8n 2
S 2	17 9	16 17	2 13	18 49	1 24	21 40	0 47	5 55	0 21	9 2	0 44	14 9	0 39	19 42	0 20	21 32	1 29	11 19	12 47	5 0	5 29	25 51	11 11	8 2
M 3	16 53	21 11	3 13	18 18	1 30	21 35	0 44	6 9	0 21	8 57	0 44	14 10	0 39	19 42	0 20	21 32	1 29	11 19	12 47	5 0	5 28	25 50	11 12	8 1
T 4	16 37	25 5	4 4	17 46	1 34	21 29	0 41	6 22	0 20	8 53	0 44	14 12	0 39	19 43	0 20	21 32	1 29	11 18	12 47	4 59	5 27	25 48	11 13	8 1
W 5	16 20	27 32	4 42	17 11	1 39	21 22	0 39	6 36	0 19	8 48	0 44	14 13	0 39	19 43	0 21	21 32	1 29	11 17	12 47	4 58	5 26	25 47	11 14	8 1
T 6	16 4	28 10	5 2	16 35	1 42	21 15	0 36	6 50	0 18	8 43	0 44	14 15	0 39	19 43	0 21	21 32	1 29	11 16	12 46	4 55	5 24	25 45	11 14	8 1
F 7	15 47	26 46	5 3	15 58	1 44	21 8	0 33	7 4	0 17	8 39	0 44	14 16	0 39	19 43	0 21	21 33	1 29	11 15	12 46	4 52	5 23	25 44	11 15	8 1
S 8	15 30	23 24	4 42	15 19	1 46	20 59	0 30	7 17	0 16	8 34	0 44	14 18	0 39	19 44	0 21	21 33	1 29	11 15	12 46	4 49	5 22	25 42	11 16	8 1
S 9	15 12	18 27	4 1	14 38	1 47	20 50	0 28	7 31	0 15	8 29	0 45	14 20	0 39	19 44	0 21	21 33	1 29	11 14	12 46	4 46	5 21	25 41	11 17	8 1
M10	14 55	12 23	3 4	13 57	1 47	20 41	0 25	7 45	0 15	8 25	0 45	14 21	0 39	19 44	0 21	21 33	1 29	11 13	12 46	4 44	5 20	25 39	11 18	8 0
T 11	14 37	5 45	1 56	13 15	1 46	20 31	0 22	7 59	0 14	8 20	0 45	14 23	0 39	19 45	0 21	21 33	1 29	11 12	12 45	4 42	5 18	25 38	11 19	8 0
W12	14 19	0s59	0 42	12 32	1 45	20 20	0 19	8 12	0 13	8 15	0 45	14 24	0 40	19 45	0 21	21 33	1 29	11 11	12 45	4 41	5 17	25 36	11 20	8 0
T 13	14 1	7 28	0s32	11 48	1 43	20 9	0 17	8 26	0 12	8 10	0 45	14 26	0 40	19 45	0 21	21 33	1 29	11 11	12 45	4 41	5 16	25 35	11 21	8 0
F 14	13 42	13 25	1 42	11 3	1 41	19 57	0 14	8 40	0 11	8 5	0 45	14 27	0 40	19 45	0 21	21 33	1 29	11 10	12 45	4 42	5 15	25 33	11 22	7 59
S 15	13 23	18 35	2 45	10 19	1 38	19 45	0 11	8 53	0 10	8 1	0 45	14 29	0 40	19 45	0 21	21 33	1 29	11 9	12 45	4 42	5 13	25 32	11 23	7 59
S 16	13 4	22 47	3 38	9 34	1 34	19 32	0 8	9 7	0 10	7 56	0 45	14 30	0 40	19 46	0 21	21 33	1 29	11 8	12 45	4 42	5 12	25 30	11 24	7 59
M17	12 45	25 53	4 19	8 48	1 30	19 19	0 6	9 20	0 9	7 51	0 45	14 32	0 40	19 46	0 21	21 33	1 29	11 7	12 44	4 42	5 11	25 29	11 25	7 59
T 18	12 26	27 44	4 48	8 3	1 25	19 5	0 3	9 34	0 8	7 46	0 45	14 33	0 40	19 46	0 21	21 33	1 29	11 6	12 44	4 41	5 10	25 27	11 26	7 58
W19	12 7	28 16	5 5	7 17	1 20	18 50	0 0	9 48	0 7	7 41	0 45	14 35	0 40	19 46	0 21	21 33	1 29	11 6	12 44	4 39	5 9	25 26	11 27	7 58
T 20	11 47	27 29	5 8	6 32	1 15	18 35	0n 2	10 1	0 6	7 36	0 45	14 36	0 40	19 46	0 21	21 33	1 29	11 5	12 44	4 36	5 7	25 24	11 28	7 58
F 21	11 27	25 28	4 58	5 46	1 9	18 19	0 5	10 15	0 6	7 31	0 45	14 38	0 40	19 46	0 21	21 33	1 29	11 4	12 44	4 34	5 6	25 23	11 29	7 58
S 22	11 7	22 19	4 35	5 1	1 2	18 3	0 8	10 28	0 5	7 27	0 45	14 39	0 40	19 46	0 21	21 33	1 29	11 3	12 44	4 31	5 5	25 21	11 30	7 57
S 23	10 47	18 14	3 59	4 15	0 55	17 47	0 10	10 42	0 4	7 22	0 45	14 41	0 40	19 47	0 21	21 33	1 29	11 2	12 44	4 28	5 4	25 20	11 31	7 57
M24	10 26	13 24	3 13	3 30	0 48	17 30	0 13	10 55	0 3	7 17	0 45	14 42	0 40	19 47	0 21	21 33	1 29	11 1	12 43	4 26	5 2	25 18	11 32	7 57
T 25	10 6	8 0	2 18	2 45	0 41	17 12	0 16	11 8	0 3	7 12	0 45	14 44	0 41	19 47	0 21	21 33	1 29	11 1	12 43	4 24	5 1	25 16	11 33	7 56
W26	9 45	2 14	1 15	2 1	0 33	16 54	0 18	11 22	0 2	7 7	0 45	14 45	0 41	19 47	0 21	21 33	1 29	11 0	12 43	4 23	5 0	25 15	11 34	7 56
T 27	9 24	3n42	0 8	1 17	0 25	16 36	0 21	11 35	0 1	7 2	0 45	14 46	0 41	19 47	0 21	21 33	1 30	10 59	12 43	4 22	4 59	25 13	11 35	7 55
F 28	9 3	9 36	1n 1	0 33	0 17	16 17	0 23	11 48	0 0	6 57	0 45	14 48	0 41	19 47	0 21	21 33	1 30	10 58	12 43	4 23	4 58	25 12	11 36	7 55
S 29	8 42	15 11	2 8	0s10	0 8	15 57	0 26	12 1	0s 1	6 52	0 45	14 49	0 41	19 47	0 21	21 33	1 30	10 57	12 43	4 23	4 56	25 10	11 37	7 55
S 30	8 21	20 13	3 10	0 53	0s 1	15 37	0 28	12 15	0 1	6 47	0 45	14 51	0 41	19 47	0 21	21 33	1 30	10 56	12 43	4 24	4 55	25 8	11 38	7 54
M31	8n 0	24n20	4n 2	1s35	0s10	15n17	0n30	12s28	0s 2	6n42	0n45	14s52	0s41	19n47	0s21	21n33	1s30	10n56	12n43	4n24	4n54	25s 7	11s39	7n54

Julian Day Number = 3072304.5, Delta T = 02h37m10s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'08, Lahiri = 47°41'09

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

SEPTEMBER 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 44 41	10♍18'02	15♊47	5♎ 1	20♌51	3♏42	14♍50	21°R24	0♊46	23♊ 5	1♎55	11°R14	12♈27	28♉38	2°R48	T 1
W 2	22 48 37	11°15'33	29°55	6°23	22° 4	4°18	15° 3	21♒20	0°46	23° 6	1°57	11♈12	12°24	28°45	2♒45	W 2
T 3	22 52 34	12°13'06	14♋22	7°43	23°17	4°55	15°17	21°16	0°46	23° 6	1°59	11°10	12°21	28°52	2°43	T 3
F 4	22 56 30	13°10'40	29° 3	9° 2	24°30	5°32	15°30	21°12	0°R46	23° 7	2° 1	11° 7	12°18	28°58	2°40	F 4
S 5	23 0 27	14° 8'15	13♌54	10°18	25°44	6° 9	15°43	21° 8	0°46	23° 8	2° 3	11° 3	12°14	29° 5	2°38	S 5
S 6	23 4 23	15° 5'51	28°46	11°33	26°57	6°46	15°56	21° 4	0°46	23° 8	2° 5	10°59	12°11	29°12	2°36	S 6
M 7	23 8 20	16° 3'28	13♍32	12°45	28°11	7°23	16° 9	21° 0	0°46	23° 9	2° 7	10°57	12° 8	29°18	2°34	M 7
T 8	23 12 16	17° 1'06	28° 4	13°55	29°24	8° 0	16°22	20°56	0°45	23°10	2° 9	10°55	12° 5	29°25	2°31	T 8
W 9	23 16 13	17°58'45	12♎17	15° 3	0♍38	8°38	16°36	20°53	0°45	23°10	2°11	10°D55	12° 2	29°32	2°29	W 9
T 10	23 20 10	18°56'25	26° 5	16° 9	1°51	9°15	16°49	20°49	0°45	23°11	2°13	10°55	11°58	29°39	2°27	T 10
F 11	23 24 6	19°54'06	9♏28	17°12	3° 5	9°52	17° 2	20°45	0°45	23°11	2°15	10°56	11°55	29°45	2°25	F 11
S 12	23 28 3	20°51'48	22°28	18°12	4°18	10°30	17°15	20°42	0°44	23°12	2°17	10°58	11°52	29°52	2°24	S 12
S 13	23 31 59	21°49'31	5♐ 6	19°10	5°32	11° 8	17°28	20°38	0°44	23°12	2°19	10°59	11°49	29°59	2°22	S 13
M14	23 35 56	22°47'15	17°26	20° 5	6°46	11°45	17°41	20°35	0°43	23°12	2°21	11°R 0	11°46	0♓ 5	2°20	M14
T 15	23 39 52	23°45'00	29°33	20°58	7°59	12°23	17°54	20°31	0°43	23°13	2°23	11° 0	11°43	0°12	2°18	T 15
W16	23 43 49	24°42'46	11♑31	21°47	9°13	13° 1	18° 8	20°28	0°42	23°13	2°25	10°59	11°39	0°19	2°17	W16
T 17	23 47 45	25°40'33	23°24	22°32	10°27	13°39	18°21	20°25	0°42	23°13	2°27	10°58	11°36	0°26	2°15	T 17
F 18	23 51 42	26°38'21	5♒17	23°15	11°41	14°17	18°34	20°22	0°41	23°14	2°29	10°56	11°33	0°32	2°14	F 18
S 19	23 55 39	27°36'09	17°13	23°53	12°54	14°55	18°47	20°19	0°40	23°14	2°31	10°54	11°30	0°39	2°12	S 19
S 20	23 59 35	28°34'00	29°15	24°28	14° 8	15°33	19° 0	20°16	0°40	23°14	2°33	10°52	11°27	0°46	2°11	S 20
M21	0 3 32	29°31'51	11♓27	24°58	15°22	16°11	19°13	20°13	0°39	23°14	2°35	10°50	11°24	0°52	2°10	M21
T 22	0 7 28	0♎29'43	23°49	25°24	16°36	16°50	19°26	20°10	0°38	23°14	2°38	10°49	11°20	0°59	2° 8	T 22
W23	0 11 25	1°27'37	6♈24	25°45	17°50	17°28	19°39	20° 7	0°37	23°14	2°40	10°D49	11°17	1° 6	2° 7	W23
T 24	0 15 21	2°25'33	19°11	26° 2	19° 4	18° 6	19°52	20° 4	0°36	23°14	2°42	10°49	11°14	1°13	2° 6	T 24
F 25	0 19 18	3°23'30	2♉12	26°13	20°18	18°45	20° 5	20° 2	0°35	23°R14	2°44	10°49	11°11	1°19	2° 5	F 25
S 26	0 23 14	4°21'28	15°27	26°R19	21°32	19°24	20°18	19°59	0°34	23°14	2°46	10°50	11° 8	1°26	2° 4	S 26
S 27	0 27 11	5°19'28	28°54	26°18	22°46	20° 2	20°31	19°57	0°33	23°14	2°48	10°51	11° 4	1°33	2° 4	S 27
M28	0 31 8	6°17'30	12♊35	26°12	24° 0	20°41	20°44	19°54	0°32	23°14	2°50	10°51	11° 1	1°39	2° 3	M28
T 29	0 35 4	7°15'34	26°29	26° 0	25°14	21°20	20°57	19°52	0°31	23°14	2°52	10°51	10°58	1°46	2° 2	T 29
W30	0 39 1	8♎13'40	10♋34	25♎42	26♍28	21♏59	21♍ 9	19♒50	0♊30	23♊14	2♎54	10°R51	10♈55	1♒53	2♒ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7n38	27n 9	4n43	2s16	0s19	14n56	0n33	12s41	0s 3	6n37	0n45	14s53	0s41	19n47	0s21	21n33	1s30	10n55	12n43	4n24	4n53	25s 5	11s40	7n53
W 2	7 17	28 20	5 7	2 57	0 29	14 35	0 35	12 54	0 3	6 32	0 45	14 55	0 41	19 47	0 21	21 33	1 30	10 54	12 43	4 24	4 51	25 4	11 41	7 53
T 3	6 55	27 38	5 12	3 38	0 38	14 14	0 38	13 7	0 4	6 27	0 45	14 56	0 41	19 47	0 21	21 33	1 30	10 53	12 43	4 23	4 50	25 2	11 42	7 53
F 4	6 33	25 1	4 58	4 17	0 48	13 52	0 40	13 19	0 5	6 22	0 45	14 57	0 41	19 47	0 21	21 33	1 30	10 52	12 42	4 21	4 49	25 0	11 43	7 52
S 5	6 11	20 42	4 23	4 56	0 58	13 29	0 42	13 32	0 6	6 17	0 45	14 59	0 41	19 47	0 21	21 33	1 30	10 52	12 42	4 20	4 48	24 59	11 44	7 52
S 6	5 49	15 5	3 31	5 34	1 8	13 7	0 44	13 45	0 6	6 12	0 46	15 0	0 41	19 47	0 21	21 33	1 30	10 51	12 42	4 19	4 46	24 57	11 45	7 51
M 7	5 27	8 39	2 25	6 11	1 18	12 44	0 46	13 58	0 7	6 7	0 46	15 1	0 41	19 47	0 21	21 33	1 30	10 50	12 42	4 18	4 45	24 55	11 45	7 51
T 8	5 5	1 50	1 10	6 48	1 28	12 20	0 48	14 10	0 8	6 2	0 46	15 2	0 41	19 47	0 21	21 33	1 30	10 49	12 42	4 17	4 44	24 54	11 46	7 50
W 9	4 43	4s55	0s 8	7 23	1 38	11 56	0 50	14 23	0 8	5 57	0 46	15 4	0 41	19 47	0 21	21 33	1 30	10 48	12 42	4 17	4 43	24 52	11 47	7 50
T 10	4 20	11 16	1 23	7 58	1 48	11 32	0 52	14 36	0 9	5 52	0 46	15 5	0 41	19 47	0 21	21 33	1 30	10 47	12 42	4 17	4 42	24 50	11 48	7 49
F 11	3 58	16 54	2 31	8 31	1 59	11 8	0 54	14 48	0 10	5 47	0 46	15 6	0 41	19 47	0 21	21 33	1 30	10 47	12 42	4 18	4 40	24 48	11 49	7 49
S 12	3 35	21 36	3 29	9 4	2 9	10 43	0 56	15 0	0 11	5 42	0 46	15 7	0 42	19 47	0 21	21 33	1 30	10 46	12 42	4 18	4 39	24 47	11 50	7 48
S 13	3 13	25 9	4 16	9 35	2 19	10 18	0 58	15 13	0 11	5 37	0 46	15 8	0 42	19 47	0 21	21 33	1 30	10 45	12 42	4 19	4 38	24 45	11 51	7 48
M14	2 50	27 26	4 49	10 5	2 29	9 53	1 0	15 25	0 12	5 32	0 46	15 10	0 42	19 47	0 21	21 33	1 30	10 44	12 42	4 19	4 37	24 43	11 52	7 47
T 15	2 28	28 23	5 9	10 34	2 39	9 27	1 2	15 37	0 13	5 27	0 46	15 11	0 42	19 47	0 21	21 33	1 30	10 43	12 42	4 19	4 35	24 42	11 53	7 47
W16	2 5	27 58	5 15	11 1	2 49	9 1	1 3	15 49	0 13	5 22	0 46	15 12	0 42	19 46	0 21	21 33	1 30	10 43	12 42	4 19	4 34	24 40	11 53	7 46
T 17	1 42	26 17	5 8	11 27	2 58	8 35	1 5	16 1	0 14	5 17	0 46	15 13	0 42	19 46	0 21	21 33	1 31	10 42	12 42	4 18	4 33	24 38	11 54	7 46
F 18	1 19	23 26	4 48	11 52	3 8	8 9	1 7	16 13	0 15	5 12	0 46	15 14	0 42	19 46	0 21	21 33	1 31	10 41	12 42	4 17	4 32	24 36	11 55	7 45
S 19	0 57	19 35	4 15	12 15	3 17	7 42	1 8	16 25	0 15	5 7	0 46	15 15	0 42	19 46	0 21	21 33	1 31	10 40	12 42	4 16	4 30	24 35	11 56	7 45
S 20	0 34	14 55	3 30	12 35	3 26	7 16	1 10	16 36	0 16	5 2	0 46	15 16	0 42	19 46	0 21	21 33	1 31	10 40	12 42	4 16	4 29	24 33	11 57	7 44
M21	0 11	9 36	2 35	12 54	3 34	6 49	1 11	16 48	0 17	4 57	0 47	15 17	0 42	19 46	0 21	21 33	1 31	10 39	12 42	4 15	4 28	24 31	11 58	7 44
T 22	0s12	3 51	1 33	13 11	3 42	6 21	1 13	16 59	0 17	4 52	0 47	15 18	0 42	19 46	0 21	21 33	1 31	10 38	12 42	4 15	4 27	24 29	11 58	7 43
W23	0 35	2n 9	0 24	13 26	3 50	5 54	1 14	17 11	0 18	4 47	0 47	15 19	0 42	19 45	0 21	21 32	1 31	10 37	12 42	4 15	4 26	24 27	11 59	7 43
T 24	0 57	8 10	0n46	13 39	3 57	5 27	1 15	17 22	0 18	4 42	0 47	15 19	0 42	19 45	0 21	21 32	1 31	10 36	12 42	4 15	4 24	24 26	12 0	7 42
F 25	1 20	13 57	1 56	13 49	4 3	4 59	1 16	17 33	0 19	4 37	0 47	15 20	0 42	19 45	0 21	21 32	1 31	10 36	12 43	4 15	4 23	24 24	12 1	7 41
S 26	1 43	19 12	3 0	13 56	4 9	4 31	1 17	17 44	0 20	4 32	0 47	15 21	0 42	19 45	0 21	21 32	1 31	10 35	12 43	4 15	4 22	24 22	12 1	7 41
S 27	2 6	23 34	3 56	14 0	4 14	4 3	1 18	17 55	0 20	4 27	0 47	15 22	0 42	19 44	0 21	21 32	1 31	10 34	12 43	4 15	4 21	24 20	12 2	7 40
M28	2 29	26 43	4 39	14 1	4 17	3 35	1 19	18 6	0 21	4 22	0 47	15 23	0 42	19 44	0 21	21 32	1 31	10 34	12 43	4 15	4 19	24 18	12 3	7 40
T 29	2 51	28 18	5 7	13 59	4 20	3 6	1 20	18 17	0 22	4 17	0 47	15 23	0 42	19 44	0 21	21 32	1 31	10 33	12 43	4 15	4 18	24 17	12 4	7 39
W30	3s14	28n 4	5n17	13s54	4s21	2n38	1n21	18s27	0s22	4n12	0n47	15s24	0s42	19n44	0s21	21n32	1s31	10n32	12n43	4n16	4n17	24s15	12s 4	7n38

Julian Day Number = 3072335.5, Delta T = 02h37m10s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'13, Lahiri = 47°41'13

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

OCTOBER 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 42 57	9♎11'48	24♋49	25°R17	27♍43	22♏38	21♍22	19°R48	0°R29	23°R14	2♎56	10°R51	10♈52	2♒ 0	2°R 1	T 1
F 2	0 46 54	10° 9'58	9♌11	24♎46	28°57	23°17	21°35	19♒46	0♊27	23♊14	2°58	10♈51	10°49	2° 6	2♒ 1	F 2
S 3	0 50 50	11° 8'09	23°37	24° 9	0♎11	23°56	21°48	19°44	0°26	23°13	3° 0	10°D51	10°45	2°13	2° 0	S 3
S 4	0 54 47	12° 6'22	8♍ 3	23°26	1°25	24°35	22° 1	19°42	0°25	23°13	3° 2	10°51	10°42	2°20	2° 0	S 4
M 5	0 58 43	13° 4'37	22°23	22°38	2°40	25°14	22°13	19°40	0°23	23°13	3° 4	10°51	10°39	2°26	2° 0	M 5
T 6	1 2 40	14° 2'54	6♎34	21°45	3°54	25°54	22°26	19°38	0°22	23°12	3° 6	10°R51	10°36	2°33	2° 0	T 6
W 7	1 6 36	15° 1'12	20°30	20°48	5° 8	26°33	22°39	19°37	0°20	23°12	3° 8	10°51	10°33	2°40	2°D 0	W 7
T 8	1 10 33	15°59'32	4♏ 8	19°48	6°23	27°13	22°51	19°35	0°19	23°12	3°10	10°51	10°30	2°47	2° 0	T 8
F 9	1 14 30	16°57'54	17°26	18°47	7°37	27°52	23° 4	19°34	0°17	23°11	3°12	10°51	10°26	2°53	2° 0	F 9
S 10	1 18 26	17°56'17	0♐25	17°46	8°51	28°32	23°16	19°33	0°16	23°11	3°14	10°50	10°23	3° 0	2° 0	S 10
S 11	1 22 23	18°54'42	13° 3	16°45	10° 6	29°12	23°29	19°31	0°14	23°10	3°16	10°49	10°20	3° 7	2° 0	S 11
M12	1 26 19	19°53'09	25°25	15°47	11°20	29°52	23°41	19°30	0°12	23°10	3°18	10°48	10°17	3°13	2° 1	M12
T 13	1 30 16	20°51'37	7♑33	14°54	12°35	0♐31	23°54	19°29	0°11	23° 9	3°20	10°47	10°14	3°20	2° 1	T 13
W14	1 34 12	21°50'06	19°32	14° 6	13°49	1°11	24° 6	19°28	0° 9	23° 9	3°22	10°D47	10°10	3°27	2° 2	W14
T 15	1 38 9	22°48'37	1♒25	13°24	15° 4	1°51	24°18	19°27	0° 7	23° 8	3°24	10°47	10° 7	3°34	2° 2	T 15
F 16	1 42 5	23°47'10	13°18	12°50	16°18	2°32	24°31	19°27	0° 5	23° 7	3°26	10°48	10° 4	3°40	2° 3	F 16
S 17	1 46 2	24°45'44	25°15	12°25	17°33	3°12	24°43	19°26	0° 3	23° 7	3°28	10°49	10° 1	3°47	2° 4	S 17
S 18	1 49 59	25°44'20	7♓21	12° 9	18°47	3°52	24°55	19°25	0° 2	23° 6	3°30	10°50	9°58	3°54	2° 5	S 18
M19	1 53 55	26°42'57	19°38	12°D 3	20° 2	4°32	25° 7	19°25	29♉59	23° 5	3°32	10°51	9°55	4° 0	2° 6	M19
T 20	1 57 52	27°41'36	2♈11	12° 6	21°16	5°13	25°19	19°25	29°58	23° 4	3°34	10°52	9°51	4° 7	2° 7	T 20
W21	2 1 48	28°40'17	15° 1	12°20	22°31	5°53	25°31	19°24	29°56	23° 4	3°36	10°R52	9°48	4°14	2° 8	W21
T 22	2 5 45	29°38'59	28° 9	12°43	23°46	6°34	25°43	19°24	29°54	23° 3	3°38	10°51	9°45	4°20	2° 9	T 22
F 23	2 9 41	0♏37'44	11♉34	13°16	25° 0	7°14	25°55	19°D24	29°52	23° 2	3°40	10°50	9°42	4°27	2°10	F 23
S 24	2 13 38	1°36'30	25°15	13°58	26°15	7°55	26° 7	19°24	29°50	23° 1	3°42	10°47	9°39	4°34	2°11	S 24
S 25	2 17 34	2°35'18	9♊ 9	14°48	27°30	8°36	26°18	19°24	29°48	23° 0	3°43	10°44	9°36	4°41	2°13	S 25
M26	2 21 31	3°34'09	23°13	15°46	28°44	9°16	26°30	19°25	29°45	22°59	3°45	10°41	9°32	4°47	2°14	M26
T 27	2 25 28	4°33'02	7♋23	16°51	29°59	9°57	26°42	19°25	29°43	22°58	3°47	10°38	9°29	4°54	2°16	T 27
W28	2 29 24	5°31'57	21°35	18° 3	1♏14	10°38	26°53	19°26	29°41	22°57	3°49	10°37	9°26	5° 1	2°17	W28
T 29	2 33 21	6°30'54	5♌48	19°20	2°29	11°19	27° 5	19°26	29°39	22°56	3°51	10°D36	9°23	5° 7	2°19	T 29
F 30	2 37 17	7°29'53	19°59	20°43	3°43	12° 0	27°16	19°27	29°37	22°55	3°53	10°36	9°20	5°14	2°21	F 30
S 31	2 41 14	8♏28'55	4♍ 5	22♎10	4♏58	12♐41	27♍28	19♒27	29♉35	22♊54	3♎54	10♈38	9♈16	5♒21	2♒22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	3s37	26n 1	5n 8	13s45	4s21	2n10	1n22	18s38	0s23	4n 7	0n47	15s25	0s42	19n43	0s21	21n32	1s31	10n31	12n43	4n15	4n16	24s13	12s 5	7n38	
F 2	3 59	22 17	4 39	13 32	4 20	1 41	1 23	18 48	0 23	4 2	0 47	15 26	0 42	19 43	0 21	21 32	1 31	10 31	12 43	4 15	4 14	24 11	12 6	7 37	
S 3	4 22	17 12	3 53	13 16	4 17	1 12	1 23	18 59	0 24	3 57	0 48	15 26	0 42	19 43	0 21	21 32	1 31	10 30	12 43	4 15	4 13	24 9	12 6	7 37	
S 4	4 45	11 8	2 52	12 55	4 12	0 44	1 24	19 9	0 25	3 52	0 48	15 27	0 42	19 43	0 21	21 32	1 31	10 29	12 43	4 15	4 12	24 7	12 7	7 36	
M 5	5 7	4 32	1 41	12 31	4 5	0 15	1 25	19 19	0 25	3 48	0 48	15 27	0 42	19 42	0 21	21 32	1 31	10 29	12 44	4 16	4 11	24 6	12 8	7 36	
T 6	5 30	2s13	0 24	12 4	3 57	0s14	1 25	19 29	0 26	3 43	0 48	15 28	0 42	19 42	0 21	21 32	1 31	10 28	12 44	4 16	4 10	24 4	12 8	7 35	
W 7	5 52	8 45	0s53	11 33	3 46	0 43	1 26	19 38	0 26	3 38	0 48	15 28	0 42	19 42	0 21	21 32	1 31	10 27	12 44	4 16	4 8	24 2	12 9	7 34	
T 8	6 14	14 45	2 5	10 59	3 34	1 12	1 26	19 48	0 27	3 33	0 48	15 29	0 42	19 41	0 21	21 32	1 31	10 27	12 44	4 15	4 7	24 0	12 9	7 34	
F 9	6 36	19 55	3 9	10 23	3 20	1 40	1 26	19 57	0 28	3 28	0 48	15 29	0 42	19 41	0 21	21 32	1 32	10 26	12 44	4 15	4 6	23 58	12 10	7 33	
S 10	6 59	23 59	4 1	9 45	3 4	2 9	1 26	20 7	0 28	3 23	0 48	15 30	0 42	19 41	0 21	21 32	1 32	10 25	12 44	4 15	4 5	23 56	12 10	7 33	
S 11	7 21	26 48	4 40	9 6	2 47	2 38	1 27	20 16	0 29	3 18	0 48	15 30	0 42	19 40	0 21	21 31	1 32	10 25	12 44	4 15	4 3	23 54	12 11	7 32	
M12	7 42	28 14	5 5	8 27	2 29	3 7	1 27	20 25	0 29	3 14	0 49	15 30	0 42	19 40	0 21	21 31	1 32	10 24	12 45	4 14	4 2	23 52	12 11	7 31	
T 13	8 4	28 16	5 16	7 49	2 10	3 36	1 27	20 34	0 30	3 9	0 49	15 31	0 42	19 40	0 21	21 31	1 32	10 23	12 45	4 14	4 1	23 50	12 12	7 31	
W14	8 26	26 58	5 13	7 12	1 50	4 4	1 27	20 43	0 31	3 4	0 49	15 31	0 42	19 39	0 21	21 31	1 32	10 23	12 45	4 14	4 0	23 48	12 12	7 30	
T 15	8 48	24 29	4 56	6 37	1 30	4 33	1 26	20 51	0 31	2 59	0 49	15 31	0 42	19 39	0 21	21 31	1 32	10 22	12 45	4 14	3 58	23 46	12 13	7 29	
F 16	9 9	20 56	4 27	6 6	1 10	5 2	1 26	21 0	0 32	2 55	0 49	15 32	0 42	19 39	0 21	21 31	1 32	10 22	12 45	4 14	3 57	23 45	12 13	7 29	
S 17	9 30	16 32	3 46	5 38	0 50	5 30	1 26	21 8	0 32	2 50	0 49	15 32	0 42	19 38	0 21	21 31	1 32	10 21	12 46	4 14	3 56	23 43	12 14	7 28	
S 18	9 52	11 27	2 55	5 13	0 30	5 58	1 26	21 16	0 33	2 45	0 49	15 32	0 42	19 38	0 21	21 31	1 32	10 20	12 46	4 15	3 55	23 41	12 14	7 28	
M19	10 13	5 50	1 55	4 54	0 12	6 27	1 25	21 24	0 33	2 41	0 49	15 32	0 42	19 37	0 21	21 31	1 32	10 20	12 46	4 15	3 53	23 39	12 15	7 27	
T 20	10 34	0n 8	0 48	4 39	0n 6	6 55	1 25	21 32	0 34	2 36	0 49	15 32	0 42	19 37	0 21	21 31	1 32	10 19	12 46	4 16	3 52	23 37	12 15	7 26	
W21	10 54	6 13	0n23	4 29	0 23	7 23	1 24	21 39	0 34	2 32	0 50	15 32	0 42	19 37	0 21	21 31	1 32	10 19	12 46	4 16	3 51	23 35	12 15	7 26	
T 22	11 15	12 11	1 34	4 24	0 38	7 50	1 24	21 47	0 35	2 27	0 50	15 32	0 42	19 36	0 21	21 31	1 32	10 18	12 47	4 16	3 50	23 33	12 16	7 25	
F 23	11 35	17 43	2 41	4 24	0 52	8 18	1 23	21 54	0 35	2 22	0 50	15 32	0 42	19 36	0 21	21 31	1 32	10 18	12 47	4 15	3 49	23 31	12 16	7 25	
S 24	11 56	22 28	3 40	4 28	1 4	8 46	1 22	22 1	0 36	2 18	0 50	15 32	0 42	19 35	0 21	21 30	1 32	10 17	12 47	4 14	3 47	23 29	12 16	7 24	
S 25	12 16	26 2	4 28	4 37	1 16	9 13	1 22	22 8	0 36	2 13	0 50	15 32	0 42	19 35	0 21	21 30	1 32	10 17	12 47	4 13	3 46	23 27	12 17	7 23	
M26	12 36	28 2	4 59	4 50	1 25	9 40	1 21	22 15	0 37	2 9	0 50	15 32	0 42	19 34	0 21	21 30	1 32	10 16	12 48	4 12	3 45	23 25	12 17	7 23	
T 27	12 55	28 14	5 13	5 7	1 34	10 7	1 20	22 22	0 37	2 4	0 50	15 32	0 42	19 34	0 21	21 30	1 32	10 16	12 48	4 10	3 44	23 23	12 17	7 22	
W28	13 15	26 35	5 8	5 28	1 41	10 34	1 19	22 28	0 38	2 0	0 50	15 32	0 42	19 34	0 21	21 30	1 32	10 15	12 48	4 10	3 42	23 21	12 17	7 22	
T 29	13 34	23 14	4 44	5 52	1 46	11 0	1 18	22 34	0 39	1 56	0 51	15 32	0 42	19 33	0 21	21 30	1 32	10 15	12 48	4 10	3 41	23 19	12 18	7 21	
F 30	13 53	18 32	4 3	6 18	1 51	11 26	1 17	22 40	0 39	1 51	0 51	15 32	0 42	19 33	0 21	21 30	1 32	10 14	12 49	4 10	3 40	23 17	12 18	7 21	
S 31	14s12	12n50	3n 7	6s47	1n54	11s52	1n16	22s46	0s40	1n47	0n51	15s31	0s43	19n32	0s21	21n30	1s32	10n14	12n49	4n10	3n39	23s15	12s18	7n20	

Julian Day Number = 3072365.5, Delta T = 02h37m11s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'17, Lahiri = 47°41'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 3699
geocentric

NOVEMBER 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 45 10	9♏27'58	18♍ 5	23♎40	6♏13	13♐23	27♍39	19♒28	29°R32	22°R53	3♎56	10♈39	9♈13	5♒28	2♒24	S 1
M 2	2 49 7	10°27'04	1♎58	25°14	7°28	14° 4	27°50	19°29	29♉30	22♊52	3°58	10°40	9°10	5°34	2°26	M 2
T 3	2 53 3	11°26'12	15°42	26°50	8°43	14°45	28° 1	19°30	29°28	22°51	4° 0	10°R41	9° 7	5°41	2°28	T 3
W 4	2 57 0	12°25'22	29°14	28°28	9°57	15°27	28°13	19°31	29°25	22°49	4° 1	10°39	9° 4	5°48	2°31	W 4
T 5	3 0 57	13°24'34	12♏33	0♏ 8	11°12	16° 8	28°24	19°33	29°23	22°48	4° 3	10°36	9° 1	5°54	2°33	T 5
F 6	3 4 53	14°23'49	25°38	1°50	12°27	16°50	28°34	19°34	29°21	22°47	4° 5	10°32	8°57	6° 1	2°35	F 6
S 7	3 8 50	15°23'05	8♐27	3°32	13°42	17°32	28°45	19°35	29°18	22°46	4° 6	10°26	8°54	6° 8	2°37	S 7
S 8	3 12 46	16°22'23	21° 1	5°15	14°57	18°13	28°56	19°37	29°16	22°44	4° 8	10°19	8°51	6°15	2°40	S 8
M 9	3 16 43	17°21'42	3♑20	6°59	16°12	18°55	29° 7	19°39	29°14	22°43	4°10	10°13	8°48	6°21	2°42	M 9
T 10	3 20 39	18°21'04	15°27	8°42	17°27	19°37	29°17	19°40	29°11	22°42	4°11	10° 8	8°45	6°28	2°45	T 10
W11	3 24 36	19°20'27	27°24	10°26	18°42	20°19	29°28	19°42	29° 9	22°40	4°13	10° 3	8°42	6°35	2°47	W11
T 12	3 28 32	20°19'52	9♒17	12°10	19°57	21° 1	29°38	19°44	29° 7	22°39	4°14	10° 1	8°38	6°41	2°50	T 12
F 13	3 32 29	21°19'18	21° 8	13°54	21°12	21°43	29°49	19°46	29° 4	22°38	4°16	10°D 0	8°35	6°48	2°53	F 13
S 14	3 36 26	22°18'47	3♓ 4	15°37	22°27	22°25	29°59	19°48	29° 2	22°36	4°17	10° 1	8°32	6°55	2°56	S 14
S 15	3 40 22	23°18'16	15° 8	17°20	23°42	23° 7	0♎ 9	19°51	28°59	22°35	4°19	10° 2	8°29	7° 1	2°59	S 15
M16	3 44 19	24°17'48	27°27	19° 3	24°57	23°50	0°19	19°53	28°57	22°33	4°20	10° 4	8°26	7° 8	3° 2	M16
T 17	3 48 15	25°17'21	10♈ 5	20°45	26°12	24°32	0°29	19°55	28°54	22°32	4°22	10°R 4	8°22	7°15	3° 5	T 17
W18	3 52 12	26°16'56	23° 4	22°26	27°27	25°14	0°39	19°58	28°52	22°31	4°23	10° 3	8°19	7°22	3° 8	W18
T 19	3 56 8	27°16'32	6♉27	24° 8	28°42	25°57	0°49	20° 0	28°49	22°29	4°25	10° 1	8°16	7°28	3°11	T 19
F 20	4 0 5	28°16'11	20°13	25°48	29°57	26°39	0°58	20° 3	28°47	22°28	4°26	9°56	8°13	7°35	3°14	F 20
S 21	4 4 1	29°15'51	4♊19	27°29	1♐12	27°22	1° 8	20° 6	28°45	22°26	4°27	9°49	8°10	7°42	3°17	S 21
S 22	4 7 58	0♐15'33	18°42	29° 8	2°27	28° 5	1°17	20° 9	28°42	22°25	4°29	9°41	8° 7	7°48	3°21	S 22
M23	4 11 55	1°15'18	3♋15	0♐47	3°42	28°47	1°27	20°12	28°40	22°23	4°30	9°32	8° 3	7°55	3°24	M23
T 24	4 15 51	2°15'04	17°50	2°26	4°57	29°30	1°36	20°15	28°37	22°21	4°31	9°25	8° 0	8° 2	3°27	T 24
W25	4 19 48	3°14'53	2♌22	4° 4	6°12	0♑13	1°45	20°18	28°35	22°20	4°33	9°19	7°57	8° 9	3°31	W25
T 26	4 23 44	4°14'43	16°45	5°42	7°27	0°56	1°54	20°21	28°32	22°18	4°34	9°16	7°54	8°15	3°35	T 26
F 27	4 27 41	5°14'36	0♍57	7°19	8°42	1°39	2° 3	20°24	28°30	22°17	4°35	9°D14	7°51	8°22	3°38	F 27
S 28	4 31 37	6°14'30	14°54	8°56	9°57	2°22	2°12	20°28	28°27	22°15	4°36	9°14	7°48	8°29	3°42	S 28
S 29	4 35 34	7°14'27	28°39	10°32	11°12	3° 5	2°20	20°31	28°25	22°13	4°37	9°15	7°44	8°35	3°46	S 29
M30	4 39 30	8♐14'26	12♎10	12♐ 8	12♐27	3♑48	2♎29	20♒35	28♉23	22♊12	4♎38	9°R15	7♈41	8♒42	3♒49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s31	6n31	2n 1	7s18	1n56	12s18	1n15	22s52	0s40	1n42	0n51	15s31	0s43	19n32	0s21	21n30	1s32	10n13	12n49	4n11	3n37	23s13	12s18	7n19
M 2	14 49	0s 3	0 48	7 51	1 57	12 43	1 13	22 57	0 41	1 38	0 51	15 31	0 43	19 31	0 21	21 30	1 32	10 13	12 49	4 11	3 36	23 11	12 18	7 19
T 3	15 8	6 33	0s27	8 25	1 58	13 8	1 12	23 2	0 41	1 34	0 51	15 31	0 43	19 31	0 21	21 30	1 33	10 13	12 50	4 11	3 35	23 9	12 18	7 18
W 4	15 26	12 39	1 40	9 1	1 57	13 33	1 11	23 7	0 41	1 30	0 51	15 30	0 43	19 30	0 21	21 29	1 33	10 12	12 50	4 11	3 34	23 7	12 19	7 18
T 5	15 43	18 5	2 45	9 37	1 56	13 57	1 9	23 12	0 42	1 25	0 52	15 30	0 43	19 30	0 21	21 29	1 33	10 12	12 50	4 10	3 32	23 4	12 19	7 17
F 6	16 1	22 34	3 41	10 13	1 54	14 21	1 8	23 17	0 42	1 21	0 52	15 29	0 43	19 29	0 21	21 29	1 33	10 12	12 51	4 8	3 31	23 2	12 19	7 16
S 7	16 18	25 51	4 24	10 51	1 51	14 45	1 7	23 21	0 43	1 17	0 52	15 29	0 43	19 29	0 21	21 29	1 33	10 11	12 51	4 6	3 30	23 0	12 19	7 16
S 8	16 35	27 47	4 53	11 28	1 47	15 8	1 5	23 26	0 43	1 13	0 52	15 29	0 43	19 28	0 21	21 29	1 33	10 11	12 51	4 3	3 29	22 58	12 19	7 15
M 9	16 52	28 19	5 8	12 5	1 44	15 31	1 3	23 30	0 44	1 9	0 52	15 28	0 43	19 28	0 21	21 29	1 33	10 10	12 52	4 1	3 27	22 56	12 19	7 15
T 10	17 8	27 27	5 9	12 42	1 39	15 54	1 2	23 33	0 44	1 5	0 52	15 27	0 43	19 27	0 21	21 29	1 33	10 10	12 52	3 59	3 26	22 54	12 19	7 14
W11	17 24	25 20	4 56	13 19	1 35	16 16	1 0	23 37	0 45	1 1	0 53	15 27	0 43	19 27	0 21	21 29	1 33	10 10	12 52	3 57	3 25	22 52	12 19	7 14
T 12	17 40	22 7	4 31	13 56	1 29	16 38	0 58	23 40	0 45	0 57	0 53	15 26	0 43	19 26	0 21	21 29	1 33	10 10	12 53	3 56	3 24	22 50	12 19	7 13
F 13	17 56	18 1	3 54	14 32	1 24	16 59	0 57	23 44	0 46	0 53	0 53	15 26	0 43	19 26	0 21	21 29	1 33	10 9	12 53	3 56	3 22	22 48	12 19	7 13
S 14	18 11	13 12	3 7	15 7	1 18	17 20	0 55	23 47	0 46	0 49	0 53	15 25	0 43	19 25	0 21	21 28	1 33	10 9	12 53	3 56	3 21	22 46	12 18	7 12
S 15	18 26	7 49	2 11	15 42	1 12	17 40	0 53	23 49	0 47	0 45	0 53	15 24	0 43	19 25	0 21	21 28	1 33	10 9	12 54	3 56	3 20	22 43	12 18	7 12
M16	18 41	2 2	1 8	16 16	1 6	18 0	0 51	23 52	0 47	0 42	0 53	15 24	0 43	19 24	0 21	21 28	1 33	10 9	12 54	3 57	3 19	22 41	12 18	7 11
T 17	18 55	3n57	0n 0	16 49	1 0	18 20	0 49	23 54	0 47	0 38	0 54	15 23	0 43	19 24	0 21	21 28	1 33	10 8	12 54	3 57	3 18	22 39	12 18	7 11
W18	19 9	9 58	1 10	17 21	0 53	18 39	0 47	23 56	0 48	0 34	0 54	15 22	0 43	19 23	0 21	21 28	1 33	10 8	12 55	3 57	3 16	22 37	12 18	7 10
T 19	19 22	15 43	2 17	17 53	0 47	18 57	0 45	23 58	0 48	0 30	0 54	15 21	0 43	19 23	0 21	21 28	1 33	10 8	12 55	3 56	3 15	22 35	12 18	7 9
F 20	19 36	20 50	3 19	18 23	0 40	19 15	0 43	24 0	0 49	0 27	0 54	15 20	0 43	19 22	0 21	21 28	1 33	10 8	12 55	3 54	3 14	22 33	12 17	7 9
S 21	19 49	24 54	4 10	18 53	0 33	19 33	0 41	24 1	0 49	0 23	0 54	15 20	0 43	19 22	0 21	21 28	1 33	10 7	12 56	3 51	3 13	22 31	12 17	7 8
S 22	20 1	27 30	4 46	19 21	0 27	19 50	0 39	24 2	0 49	0 20	0 54	15 19	0 43	19 21	0 21	21 28	1 33	10 7	12 56	3 48	3 11	22 28	12 17	7 8
M23	20 14	28 15	5 4	19 49	0 20	20 6	0 37	24 3	0 50	0 16	0 55	15 18	0 43	19 20	0 21	21 28	1 33	10 7	12 57	3 45	3 10	22 26	12 17	7 7
T 24	20 25	27 3	5 3	20 15	0 13	20 22	0 34	24 4	0 50	0 13	0 55	15 17	0 43	19 20	0 21	21 27	1 33	10 7	12 57	3 42	3 9	22 24	12 16	7 7
W25	20 37	24 2	4 42	20 40	0 6	20 37	0 32	24 4	0 51	0 9	0 55	15 16	0 43	19 19	0 21	21 27	1 33	10 7	12 57	3 40	3 8	22 22	12 16	7 7
T 26	20 48	19 32	4 3	21 5	0s 1	20 52	0 30	24 4	0 51	0 6	0 55	15 15	0 43	19 19	0 21	21 27	1 33	10 7	12 58	3 38	3 6	22 20	12 16	7 6
F 27	20 59	14 0	3 10	21 28	0 8	21 6	0 28	24 4	0 51	0 2	0 55	15 14	0 43	19 18	0 21	21 27	1 33	10 7	12 58	3 38	3 5	22 17	12 15	7 6
S 28	21 9	7 50	2 6	21 50	0 15	21 19	0 25	24 4	0 52	0s 1	0 56	15 13	0 43	19 18	0 21	21 27	1 33	10 7	12 59	3 38	3 4	22 15	12 15	7 5
S 29	21 19	1 24	0 56	22 11	0 21	21 32	0 23	24 3	0 52	0 4	0 56	15 12	0 43	19 17	0 21	21 27	1 33	10 7	12 59	3 38	3 3	22 13	12 15	7 5
M30	21s29	5s 0	0s16	22s30	0s28	21s44	0n21	24s 3	0s53	0s 7	0n56	15s10	0s43	19n17	0s21	21n27	1s33	10n 6	12n59	3n38	3n 1	22s11	12s14	7n 4

Julian Day Number = 3072396.5, Delta T = 02h37m12s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'21, Lahiri = 47°41'22

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ASTRODIENST EPHEMERIS for the year 3699
geocentric

DECEMBER 3699 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 43 27	9♐14'27	25♎30	13♐43	13♐42	4♑32	2♎37	20♒39	28°R20	22°R10	4♎40	9°R14	7♈38	8♒49	3♒53	T 1
W 2	4 47 24	10°14'30	8♏38	15°18	14°57	5°15	2°46	20°42	28♉18	22♊ 9	4°41	9♈10	7°35	8°55	3°57	W 2
T 3	4 51 20	11°14'35	21°34	16°53	16°13	5°58	2°54	20°46	28°15	22° 7	4°42	9° 4	7°32	9° 2	4° 1	T 3
F 4	4 55 17	12°14'42	4♐20	18°27	17°28	6°42	3° 2	20°50	28°13	22° 5	4°43	8°55	7°28	9° 9	4° 5	F 4
S 5	4 59 13	13°14'50	16°55	20° 1	18°43	7°25	3°10	20°54	28°11	22° 4	4°44	8°44	7°25	9°16	4° 9	S 5
S 6	5 3 10	14°15'00	29°18	21°35	19°58	8° 9	3°18	20°58	28° 8	22° 2	4°45	8°31	7°22	9°22	4°14	S 6
M 7	5 7 6	15°15'12	11♑31	23° 8	21°13	8°53	3°25	21° 2	28° 6	22° 0	4°46	8°18	7°19	9°29	4°18	M 7
T 8	5 11 3	16°15'26	23°33	24°41	22°28	9°36	3°33	21° 7	28° 4	21°59	4°46	8° 7	7°16	9°36	4°22	T 8
W 9	5 15 0	17°15'41	5♒28	26°14	23°43	10°20	3°40	21°11	28° 1	21°57	4°47	7°57	7°13	9°42	4°26	W 9
T 10	5 18 56	18°15'57	17°18	27°46	24°59	11° 4	3°47	21°15	27°59	21°55	4°48	7°50	7° 9	9°49	4°31	T 10
F 11	5 22 53	19°16'15	29° 7	29°18	26°14	11°48	3°54	21°20	27°57	21°53	4°49	7°46	7° 6	9°56	4°35	F 11
S 12	5 26 49	20°16'34	11♓ 0	0♑50	27°29	12°32	4° 1	21°24	27°55	21°52	4°50	7°44	7° 3	10° 2	4°39	S 12
S 13	5 30 46	21°16'54	23° 1	2°21	28°44	13°16	4° 8	21°29	27°53	21°50	4°51	7°D43	7° 0	10° 9	4°44	S 13
M14	5 34 42	22°17'16	5♈16	3°53	29°59	14° 0	4°15	21°34	27°50	21°48	4°51	7°R44	6°57	10°16	4°48	M14
T 15	5 38 39	23°17'38	17°51	5°24	1♑15	14°44	4°21	21°38	27°48	21°47	4°52	7°43	6°53	10°23	4°53	T 15
W16	5 42 35	24°18'03	0♉50	6°54	2°30	15°28	4°28	21°43	27°46	21°45	4°53	7°41	6°50	10°29	4°58	W16
T 17	5 46 32	25°18'28	14°17	8°25	3°45	16°13	4°34	21°48	27°44	21°43	4°53	7°37	6°47	10°36	5° 2	T 17
F 18	5 50 29	26°18'55	28°12	9°55	5° 0	16°57	4°40	21°53	27°42	21°42	4°54	7°30	6°44	10°43	5° 7	F 18
S 19	5 54 25	27°19'23	12♊34	11°24	6°15	17°41	4°46	21°58	27°40	21°40	4°54	7°20	6°41	10°49	5°12	S 19
S 20	5 58 22	28°19'52	27°18	12°54	7°30	18°26	4°52	22° 3	27°38	21°38	4°55	7° 9	6°38	10°56	5°16	S 20
M21	6 2 18	29°20'23	12♋16	14°23	8°46	19°10	4°57	22° 8	27°36	21°37	4°56	6°57	6°34	11° 3	5°21	M21
T 22	6 6 15	0♑20'56	27°18	15°52	10° 1	19°55	5° 3	22°14	27°34	21°35	4°56	6°46	6°31	11° 9	5°26	T 22
W23	6 10 11	1°21'29	12♌15	17°20	11°16	20°40	5° 8	22°19	27°32	21°33	4°56	6°37	6°28	11°16	5°31	W23
T 24	6 14 8	2°22'05	26°59	18°48	12°31	21°24	5°13	22°24	27°30	21°32	4°57	6°31	6°25	11°23	5°36	T 24
F 25	6 18 5	3°22'41	11♍23	20°15	13°46	22° 9	5°18	22°30	27°28	21°30	4°57	6°28	6°22	11°30	5°41	F 25
S 26	6 22 1	4°23'20	25°26	21°41	15° 2	22°54	5°23	22°35	27°26	21°28	4°58	6°27	6°19	11°36	5°46	S 26
S 27	6 25 58	5°24'00	9♎ 8	23° 7	16°17	23°39	5°28	22°41	27°25	21°27	4°58	6°27	6°15	11°43	5°51	S 27
M28	6 29 54	6°24'41	22°31	24°32	17°32	24°23	5°32	22°46	27°23	21°25	4°58	6°26	6°12	11°50	5°56	M28
T 29	6 33 51	7°25'24	5♏36	25°56	18°47	25° 8	5°36	22°52	27°21	21°23	4°59	6°24	6° 9	11°56	6° 1	T 29
W30	6 37 47	8°26'08	18°27	27°19	20° 3	25°53	5°41	22°58	27°19	21°22	4°59	6°20	6° 6	12° 3	6° 6	W30
T 31	6 41 44	9♑26'54	1♐ 5	28♑40	21♑18	26♑38	5♎45	23♒ 4	27♉18	21♊20	4♎59	6♈12	6♈ 3	12♒10	6♒11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s38	11s 6	1s26	22s49	0s35	21s56	0n18	24s 2	0s53	0s10	0n56	15s 9	0s43	19n16	0s21	21n27	1s33	10n 6	13n 0	3n38	3n 0	22s 9	12s14	7n 4
W 2	21 47	16 37	2 30	23 6	0 41	22 7	0 16	24 0	0 53	0 13	0 56	15 8	0 43	19 16	0 21	21 27	1 33	10 6	13 0	3 36	2 59	22 6	12 13	7 3
T 3	21 55	21 18	3 25	23 23	0 48	22 17	0 14	23 59	0 54	0 16	0 57	15 7	0 43	19 15	0 21	21 27	1 33	10 6	13 1	3 34	2 58	22 4	12 13	7 3
F 4	22 3	24 54	4 9	23 38	0 54	22 27	0 11	23 57	0 54	0 19	0 57	15 6	0 43	19 15	0 21	21 26	1 33	10 6	13 1	3 30	2 56	22 2	12 12	7 2
S 5	22 11	27 14	4 41	23 51	1 0	22 36	0 9	23 55	0 54	0 22	0 57	15 4	0 43	19 14	0 21	21 26	1 33	10 6	13 2	3 26	2 55	22 0	12 12	7 2
S 6	22 18	28 11	4 58	24 4	1 6	22 44	0 7	23 53	0 55	0 25	0 57	15 3	0 43	19 14	0 21	21 26	1 33	10 6	13 2	3 21	2 54	21 57	12 11	7 2
M 7	22 25	27 44	5 1	24 15	1 12	22 52	0 4	23 51	0 55	0 28	0 57	15 2	0 43	19 13	0 21	21 26	1 33	10 6	13 2	3 16	2 53	21 55	12 11	7 1
T 8	22 31	25 58	4 51	24 25	1 18	22 59	0 2	23 48	0 55	0 31	0 58	15 0	0 43	19 13	0 21	21 26	1 33	10 6	13 3	3 11	2 51	21 53	12 10	7 1
W 9	22 37	23 4	4 28	24 34	1 24	23 5	0s 1	23 45	0 56	0 34	0 58	14 59	0 43	19 12	0 21	21 26	1 33	10 7	13 3	3 8	2 50	21 51	12 10	7 0
T 10	22 43	19 13	3 54	24 42	1 29	23 11	0 3	23 42	0 56	0 36	0 58	14 58	0 43	19 12	0 21	21 26	1 33	10 7	13 4	3 5	2 49	21 48	12 9	7 0
F 11	22 48	14 38	3 10	24 48	1 35	23 16	0 6	23 38	0 56	0 39	0 58	14 56	0 43	19 11	0 21	21 26	1 33	10 7	13 4	3 3	2 48	21 46	12 9	7 0
S 12	22 52	9 29	2 17	24 53	1 40	23 20	0 8	23 35	0 57	0 41	0 59	14 55	0 43	19 11	0 21	21 26	1 33	10 7	13 5	3 2	2 46	21 44	12 8	6 59
S 13	22 56	3 56	1 17	24 57	1 45	23 23	0 10	23 31	0 57	0 44	0 59	14 53	0 43	19 10	0 21	21 26	1 33	10 7	13 5	3 2	2 45	21 42	12 7	6 59
M14	23 0	1n53	0 13	24 59	1 49	23 26	0 13	23 27	0 57	0 46	0 59	14 52	0 43	19 10	0 21	21 25	1 33	10 7	13 6	3 2	2 44	21 39	12 7	6 58
T 15	23 3	7 46	0n53	25 1	1 54	23 28	0 15	23 22	0 58	0 49	0 59	14 50	0 43	19 9	0 21	21 25	1 33	10 7	13 6	3 2	2 43	21 37	12 6	6 58
W16	23 6	13 31	1 59	25 1	1 58	23 30	0 18	23 18	0 58	0 51	0 59	14 49	0 43	19 9	0 21	21 25	1 33	10 7	13 6	3 1	2 41	21 35	12 5	6 58
T 17	23 8	18 51	3 0	24 59	2 2	23 30	0 20	23 13	0 58	0 53	1 0	14 47	0 43	19 9	0 21	21 25	1 33	10 8	13 7	3 0	2 40	21 32	12 4	6 57
F 18	23 10	23 22	3 53	24 57	2 6	23 30	0 22	23 8	0 58	0 55	1 0	14 46	0 43	19 8	0 21	21 25	1 33	10 8	13 7	2 57	2 39	21 30	12 4	6 57
S 19	23 12	26 37	4 33	24 53	2 9	23 29	0 25	23 2	0 59	0 57	1 0	14 44	0 43	19 8	0 21	21 25	1 33	10 8	13 8	2 53	2 38	21 28	12 3	6 57
S 20	23 13	28 7	4 56	24 48	2 12	23 28	0 27	22 57	0 59	0 59	1 0	14 43	0 43	19 7	0 21	21 25	1 33	10 8	13 8	2 49	2 36	21 25	12 2	6 56
M21	23 13	27 37	4 59	24 41	2 15	23 26	0 30	22 51	0 59	1 1	1 1	14 41	0 43	19 7	0 21	21 25	1 33	10 8	13 9	2 44	2 35	21 23	12 1	6 56
T 22	23 13	25 6	4 41	24 34	2 17	23 23	0 32	22 45	1 0	1 3	1 1	14 39	0 43	19 6	0 20	21 25	1 33	10 9	13 9	2 40	2 34	21 21	12 0	6 56
W23	23 13	20 53	4 5	24 25	2 19	23 19	0 34	22 38	1 0	1 5	1 1	14 37	0 43	19 6	0 20	21 25	1 33	10 9	13 10	2 36	2 33	21 18	12 0	6 56
T 24	23 12	15 25	3 12	24 15	2 21	23 15	0 36	22 32	1 0	1 7	1 1	14 36	0 43	19 6	0 20	21 24	1 33	10 9	13 10	2 34	2 32	21 16	11 59	6 55
F 25	23 11	9 13	2 8	24 4	2 22	23 10	0 39	22 25	1 0	1 9	1 2	14 34	0 43	19 5	0 20	21 24	1 33	10 9	13 11	2 33	2 30	21 14	11 58	6 55
S 26	23 9	2 41	0 58	23 51	2 23	23 4	0 41	22 18	1 1	1 10	1 2	14 32	0 43	19 5	0 20	21 24	1 33	10 10	13 11	2 32	2 29	21 11	11 57	6 55
S 27	23 7	3s49	0s14	23 37	2 24	22 57	0 43	22 10	1 1	1 12	1 2	14 31	0 43	19 4	0 20	21 24	1 33	10 10	13 12	2 32	2 28	21 9	11 56	6 54
M28	23 4	9 59	1 24	23 23	2 24	22 50	0 45	22 3	1 1	1 14	1 2	14 29	0 43	19 4	0 20	21 24	1 33	10 10	13 12	2 32	2 27	21 6	11 55	6 54
T 29	23 1	15 35	2 27	23 7	2 23	22 42	0 48	21 55	1 1	1 15	1 2	14 27	0 43	19 4	0 20	21 24	1 33	10 11	13 13	2 31	2 25	21 4	11 54	6 54
W30	22 57	20 24	3 22	22 50	2 22	22 34	0 50	21 47	1 1	1 16	1 3	14 25	0 43	19 3	0 20	21 24	1 33	10 11	13 13	2 29	2 24	21 2	11 53	6 54
T 31	22s53	24s12	4s 6	22s32	2s20	22s24	0s52	21s39	1s 2	1s18	1n 3	14s23	0s43	19n 3	0s20	21n24	1s33	10n11	13n13	2n26	2n23	20s59	11s52	6n53

Julian Day Number = 3072426.5, Delta T = 02h37m13s
Ecliptic obliquity = 23°13'24, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 48°34'25, Lahiri = 47°41'26

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